

## **FY2017 Defense Budget**

Jeremiah Gertler Specialist in Military Aviation

Northwest Aerospace & Defense Symposium, 19 May 2016

# Agenda

- Defining the defense budget
- The defense budget in historical context
- Weapons procurement issues



# Unless otherwise specified, all dollar amounts presented in this briefing refer to:

- Budget Authority, that is, the amounts Congress appropriates, as distinguished from the amounts the government spends (which are outlays)
- Current Dollars, that is, amounts compared across several years are not adjusted to compensate for price increases that are the result of inflation
- **Department of Defense data,** available at the DOD web-site: http://comptroller.defense.gov



# **FY 17 DOD Budget Planning Priorities**



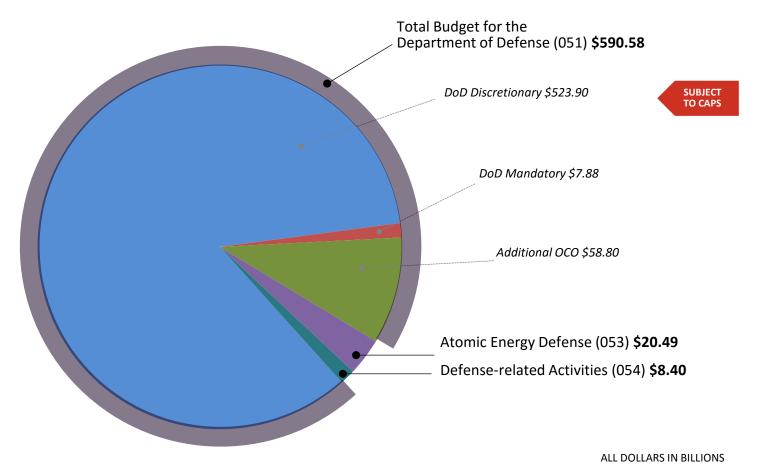
- Resurgent, revanchist Russia
- Rising China
- A more unpredictable & dangerous North Korea
- Countering & deterring Iran
- Sustaining long-term campaign to defeat terrorist networks



# Which "Defense Budget"?

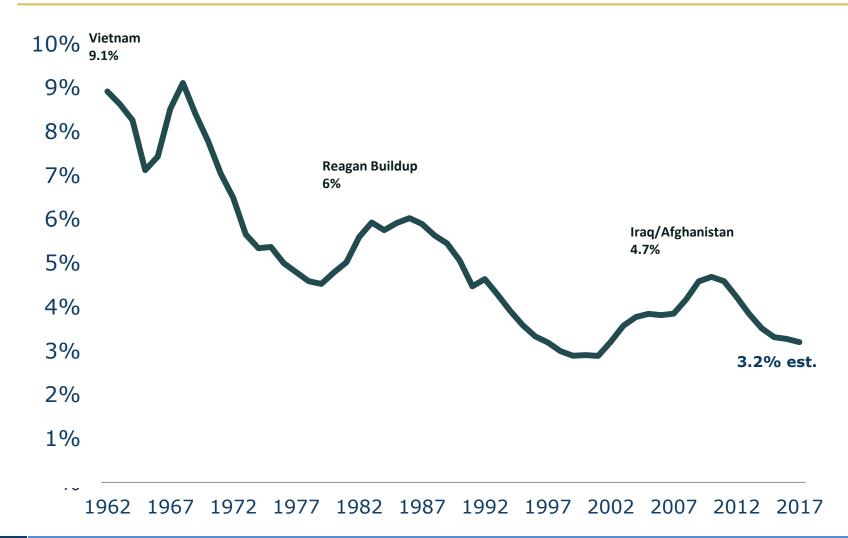
(President's FY2017 budget request / budget authority)

National Defense Budget Function (function 050) \$619.47





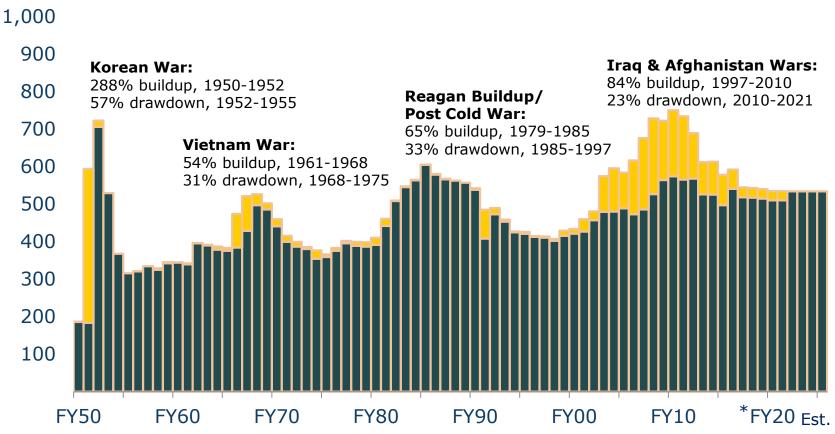
# **National Defense Outlays as % of GDP**





# DOD Spending in a Historical Perspective, FY1950-2025

#### **Billions of FY2016\$**



Note: Yellow column indicates dedicated funding outside DOD "base budget" Sources: CRS estimates based on OMB and DOD data; \*FY17-21 Projected



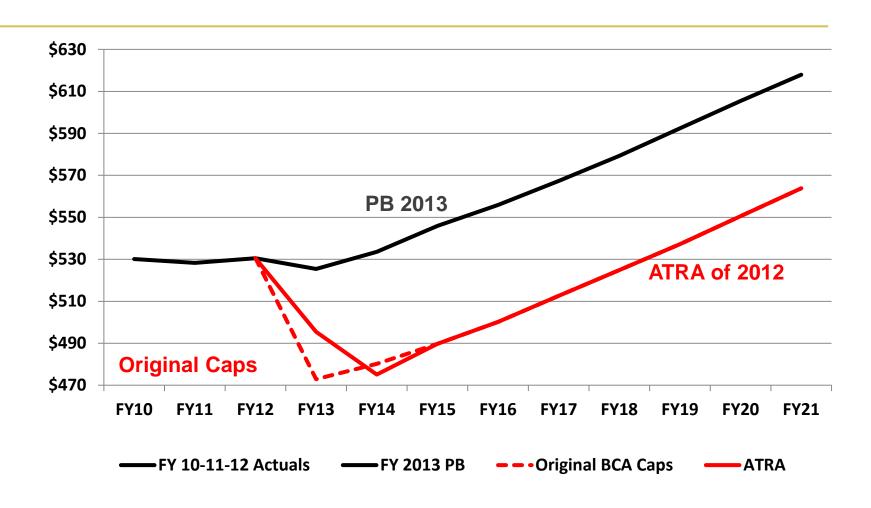
# **Budget Control Act (BCA) of 2011 Statutory Limits as Revised**

- The BCA of 2011 set limits on federal discretionary spending through 2021 - if appropriated level breaches limits, sequestration is triggered.
- The limits have been revised three times

Defense Spending Limits												
	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
Budget Control Act of 2011	552	552	555	492	502	512	523	536	549	562	576	590
American Taxpayer Relief Act of 2012	552	552	555	518	498	512	523	536	549	562	576	590
Bipartisan Budget Act of 2013	552	552	555	518	520	521	523	536	549	562	576	590
Bipartisan Budget Act of 2015	552	552	555	518	520	521	548	551	549	562	576	590

Note: Dollars in billions

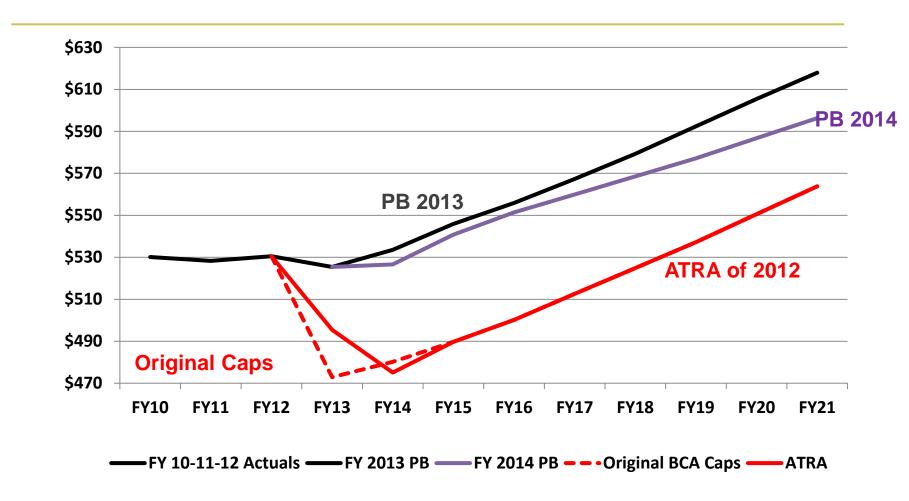




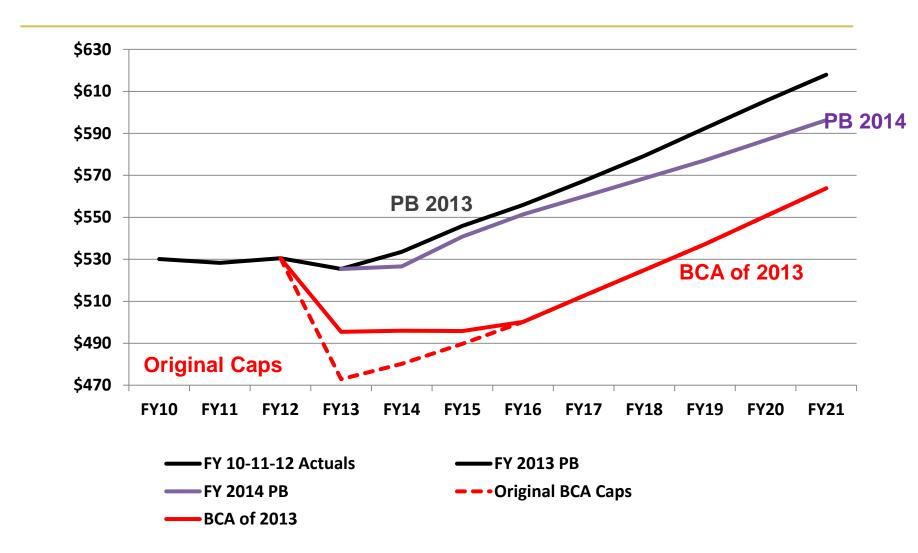
Source: CRS Analysis of DOD Comptroller Data

**Note: Dollars in Then Year Billions** 

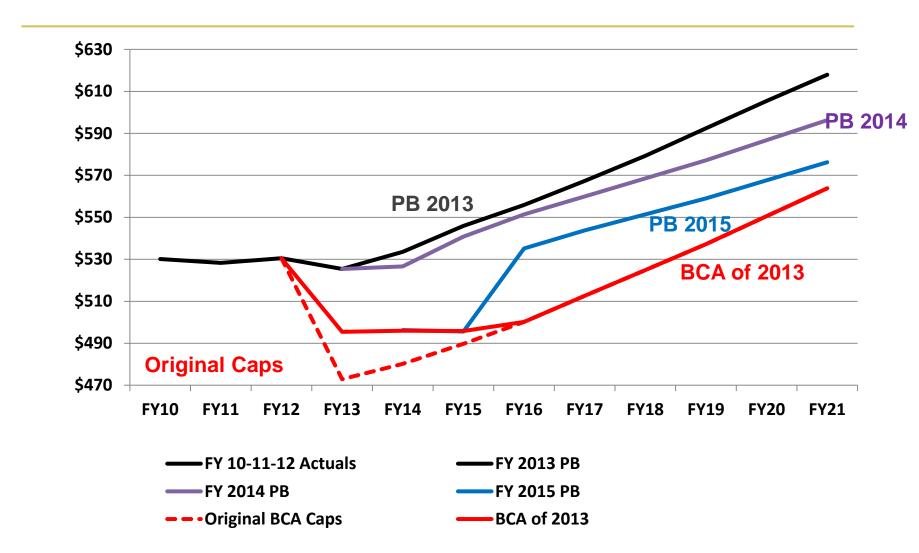




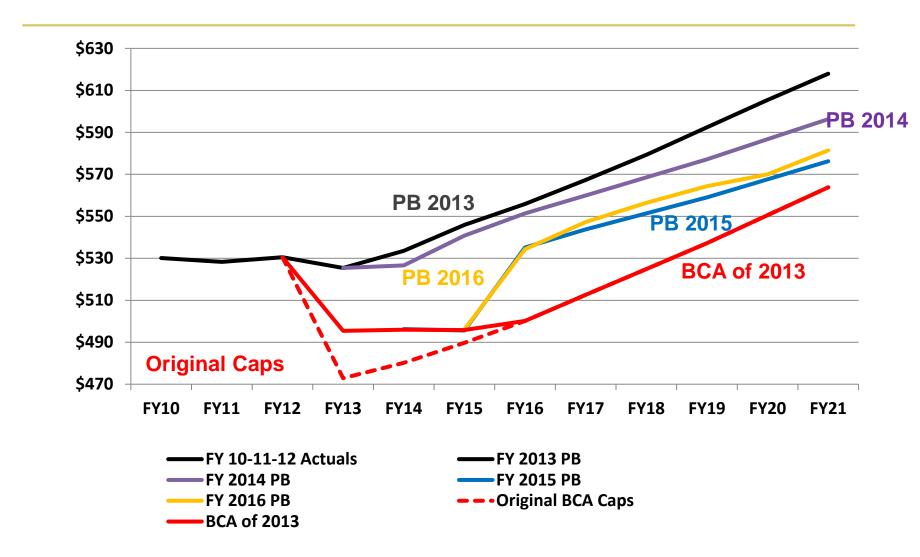




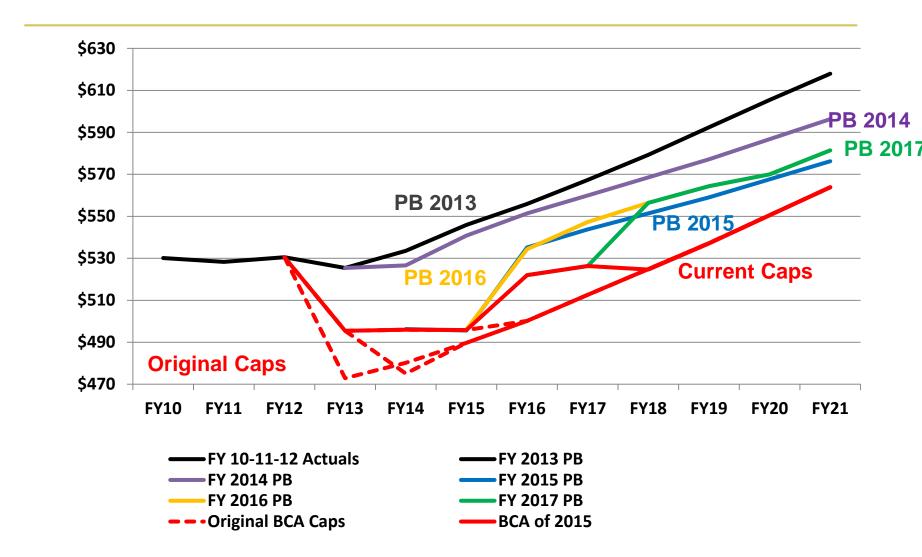




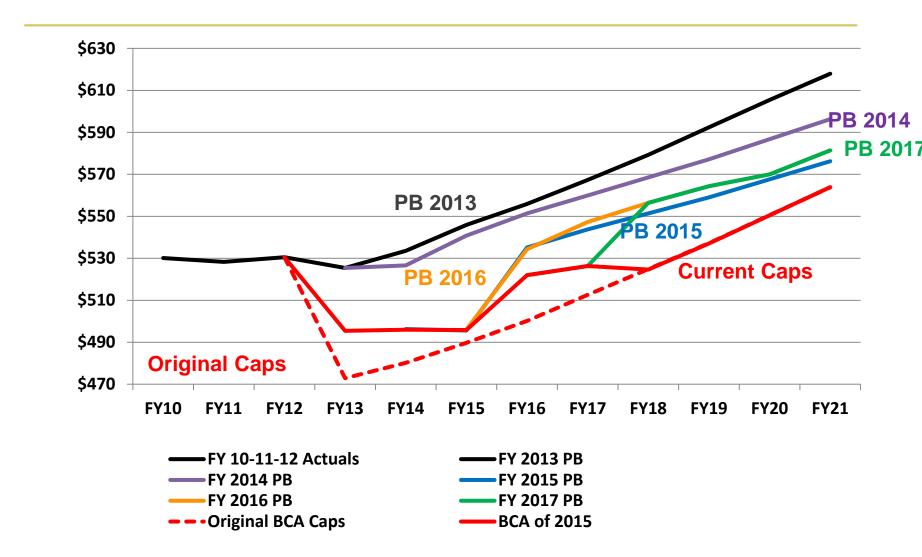






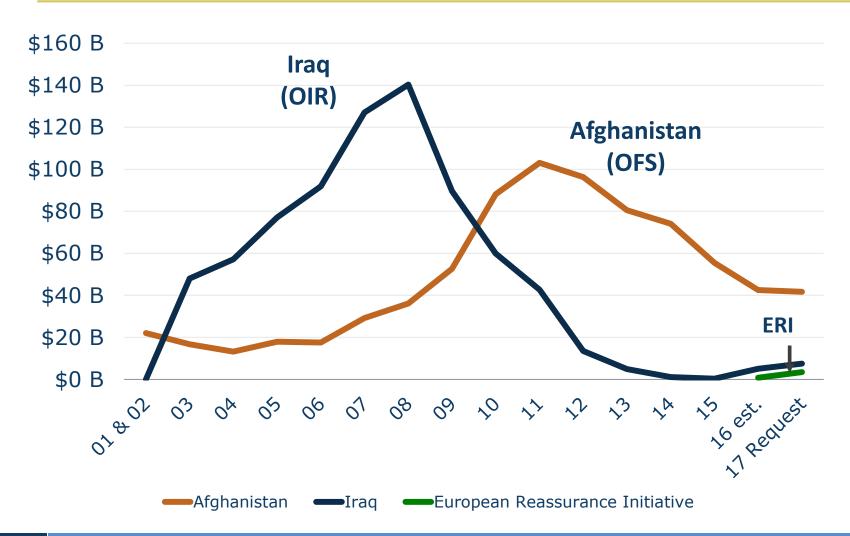








## War Spending by Activity FY2001-2017





### FY2017 OCO Request

 Budget Request \$58.8 B for OCO in FY2017 based on the following Force Level assumptions

Force	FY2015 Actuals	FY2016 Enacted	FY2017 Request
Afghanistan (OFS)	10,012	9,737	6,217
Iraq (OIR)	3,180	3,550	3,550
In-Theater Support	55,958	55,831	58,593
In CONUS/Other Mobilization	16,020	15,991	13,085
Total Force Levels	85,170	85,108	81,445

Source: Department of Defense Budget Overview

Note: Dollars in billions



# **FY2017 OCO Budget By Selected Function**

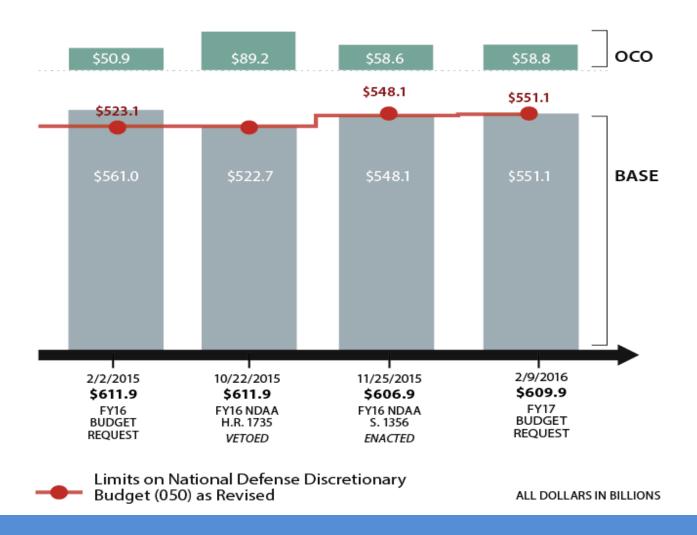
OCO Budget	FY2016	FY2017 Req
Joint Improvised-Threat Defeat Fund	\$0.4	\$0.3
Afghanistan Security Forces Fund	\$3.6	\$3.4
Iraq Train and Equip Fund	\$0.7	\$0.6
Syria Train and Equip Fund		\$0.3
Counterterrorism Partnerships Fund	\$1.1	\$1.0
European Reassurance Initiative	\$0.8	\$3.4
In-Theater Support	\$14.8	\$17.0
Operations/Force Protection	\$8.8	\$8.7

Source: Department of Defense Budget Overview

Note: Dollars in billions



#### **Recent Effects of the BCA**





# And then, everything changed.



...or did it?

That is the \$18 billion question.



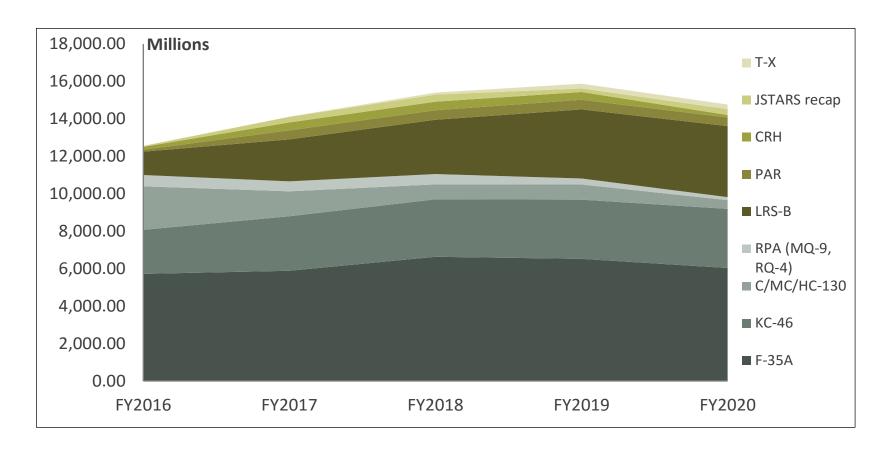


# **Major Weapons Programs**

 Information reflects proposals at request level Not BCA-compliant

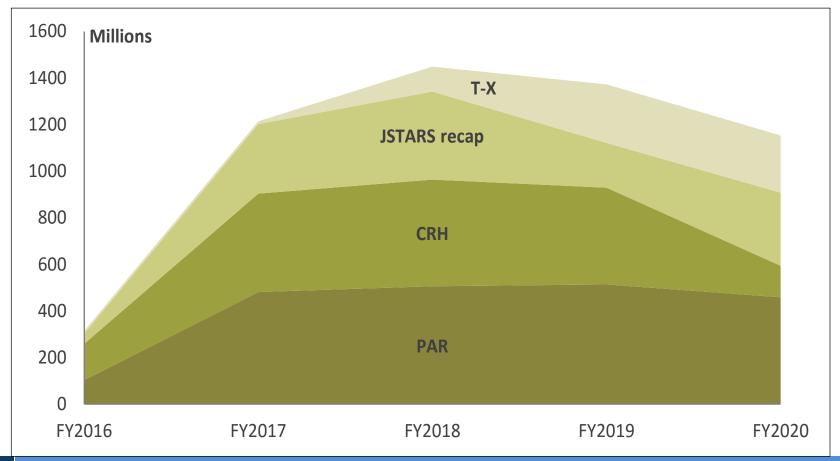


#### **Air Force Procurement Bow Wave**





#### Air Force R&D Bow Wave





- 63 F-35s requested for FY17 (\$8.04B)
  - 43 Air Force, 16 Marine Corps, 4 Navy in FY17
  - 3 fewer than projected last year (Air Force -5, Marine Corps +2)
  - House added back the 5 AF, plus 4 Navy and 2 USMC



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- Long-Range Strike Bomber reduced \$3.5B over FYDP
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- Fewer Army helicopters in FY17 than projected last year
  - UH-60 Black Hawk: 36 rather than 60
  - CH-47 Chinook: 22 rather than 27
  - Apache remfg.: 52 rather than 57
  - HASC added 58 helos: 36 UH-60M, 17 Light Utility Helicopters, and 5 Apache remans. HAC-D added 36 UH-60M, 20 LUH, 5 CH-47, 10 new Apaches



# Aircraft, continued

- 2 F/A-18E/Fs strike fighters for Navy
  - No EA-18G Growler aircraft
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## Aircraft, continued

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- Navy UCLASS program terminated
  - \$89M to start autonomous carrier-based tanker called CBARS

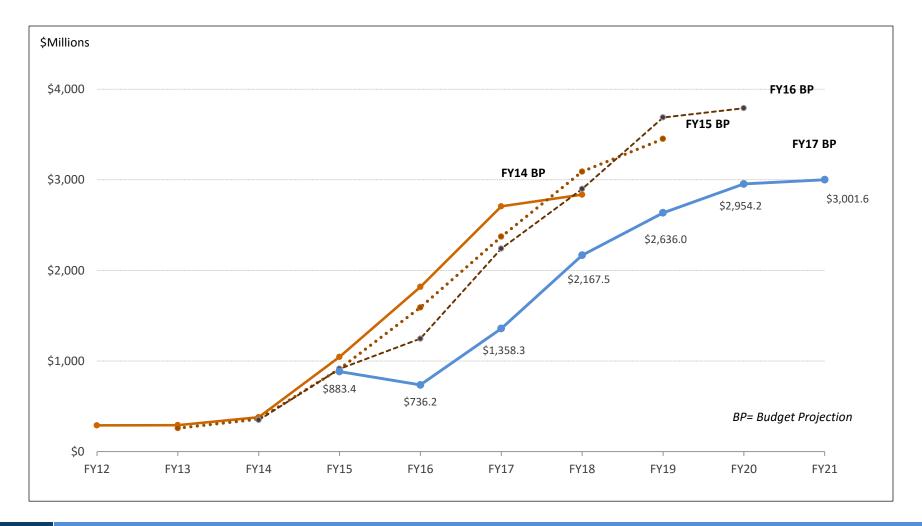


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- Navy UCLASS program terminated
  - \$89M to start autonomous carrier-based tanker called CBARS
- Navy P-8 (11), Navy E-2D (6), Air Force KC-46 (15)
  - All these programs are on track



# **B-21 Funding**





# **Air Force aircraft**

	FY14	FY15	FY16	FY17
F-35A	19	28	47	43 (48?)
MQ-9	12	12	33	12
CV-22	3	0	1	0
HC-130J	1	4	5	4
C-130J	6	7	14	3 (11?)
MC-130J	4	3	8	6
AC-130J	5	0	0	0 (1 EC-130J)
KC-46	0	7	12	15
TOTAL	50	60	120	83 (97?)



# **Navy/Marine aircraft**

	FY14	FY15	FY16	FY17
EA-18G	21	12	10	0
F/A-18E/F	0	0	5	2 (16?)
F-35B	6	6	15	16 (18?)
F-35C	4	4	6	4 (8?)
V-22	23	19	19	16 (18?)
H-1 upgrades	22	28	29	24 (26?)
MH-60R/S	37	37	29	0
P-8	16	9	17	11
E-2D	5	5	5	6
T-6	29	0	0	0
KC-130J	1	1	2	2
MQ-8	2	5	5	1 (5?)
MQ-4C	0	0	4	2 (3?)
TOTAL	166	126	146	82 (111?)



# **Army aircraft**

	FY14	FY15	FY16	FY17
MQ-1	23	19	17	0 (12?)
UH-72	37	55	28	0 (17?)
AH-64	46	35	64	52 (67?)
CH-47	29	32	39	22 (27?)
UH-60M	70	87	107	36 (72?)
TOTAL	205	228	255	110 (186?)

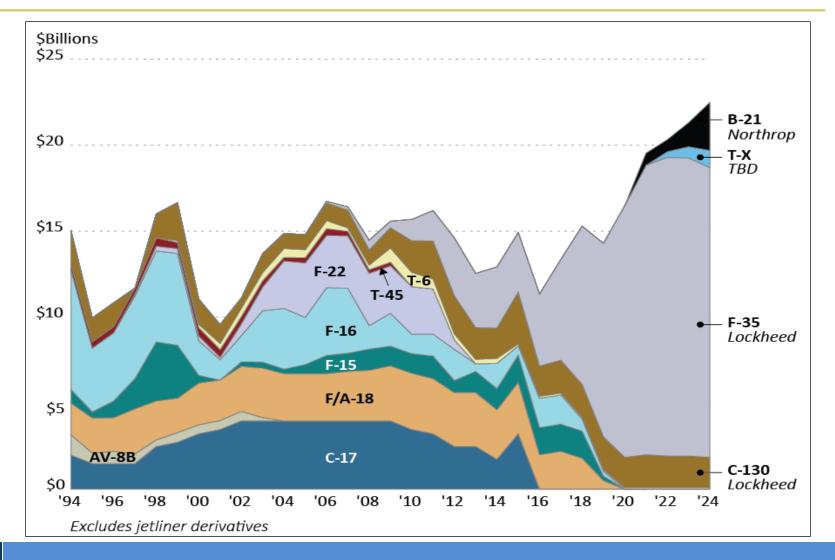


## All services (including UAVs)

	FY14	FY15	FY16	FY17
Fixed-wing	136	142	200	236 (351?)
Rotary-wing (incl V-22)	264	293	321	135 (212?)
TOTAL	400	435	521	371 (563?)



### **Fixed-Wing Manned Aircraft Procurement**





## Backup Slides



### Which "Defense Budget"?

(President's FY2017 budget request / budget authority)

National Defense Budget Function (function 050)

\$619.47 B

- \$590.58 B for DOD-Military
- \$20.49 B for Energy Dept. nuclear activities
- \$8.40 B for other defense-related activities

Department of Defense – Military

\$590.58 B

- \$523.90 B for DOD Base Budget -- Discretionary
- \$58.80 B for war costs (OCO)
- \$7.88 B for mandatory spending

DOD Base Budget – Discretionary

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### Ships

- Concern over affordability of Navy shipbuilding plan
- Littoral Combat Ship (LCS)/Frigate program
  - 2 ships in FY17, rather than 3
  - SecDef-directed truncation of program
    - 40 ships total, rather than 52
    - Down-select for frigate version that is to start in FY19
- Cruiser modernization program
- Proposal to disestablish a carrier air wing
  - 10 USC 5062 note
- Ohio Replacement (SSBNX) ballistic missile submarine
  - First increment of advance procurement (AP) funding for lead ship requested in FY17



### Ships, continued

- Ford (CVN-78) class aircraft carrier program
  - Lead ship (CVN-78) to be delivered this year
  - FY17 funding requested for next two ships (CVNs 79, 80)
  - Managing to program's cost cap
- Virginia-class attack submarine
  - Number of VPM-equipped boats starting in FY19
- LHA-8 amphibious assault ship
  - Split funded in FY17 and FY18
- DDG-51
  - Final year of FY13-FY17 MYP
  - Navy treatment of \$1 billion added by Congress in FY16



### **Ground forces equipment**

### Army and Marine Corps Joint Light Tactical Vehicle (JLTV)

- Partial High Mobility, Multi-Wheeled Vehicle (HMMWV) replacement
- FY17 request funds 3<sup>rd</sup> and final year of Low Rate Initial Production (LRIP) contract with Oshkosh Corp for 1,828 Army and 192 Marine JLTVs
- Marines cut 77 JLTVs from their FY17 budget request but plan to meet program acquisition objective of 5,500 vehicles
- Total planned procurement (FY15-FY40): Army 49,909, Marines 5,500

### Army Armored Multi-Purpose Vehicle (AMPV)

- Vietnam-era M-113 personnel carrier replacement.
- BAE Systems awarded \$382.2M Engineering, Manufacturing and Development (EMD) contract in Dec. 2014 for 29 vehicles (5 variants)
- FY17 request funds integration, assembly, checkout, and shipment of 29 prototype
   AMPVs to government test sites to begin vehicle shakedown testing
- Total production quantities and total program cost: TBD



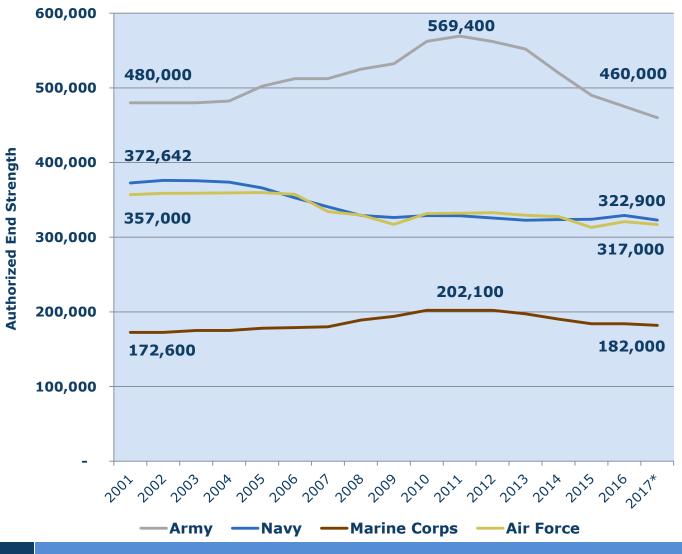
### Ground forces equipment, continued

#### Marine Corps Amphibious Combat Vehicle (ACV)

- Amphibious Assault Vehicle (AAV) replacement
- Marines awarded BAE Systems (\$103.8M) and SAIC (\$121.5M) EMD contracts in Nov. 2015 to develop ACV 1.1 prototypes
- Each company is to build 16 prototypes for testing over the next two years. Down select to single vendor expected in 2018
- FY17 request funds manufacturing and delivery of 32 prototypes for testing
- Total production quantities and total program cost: TBD



# **Authorized Active Component End Strength Over Time**



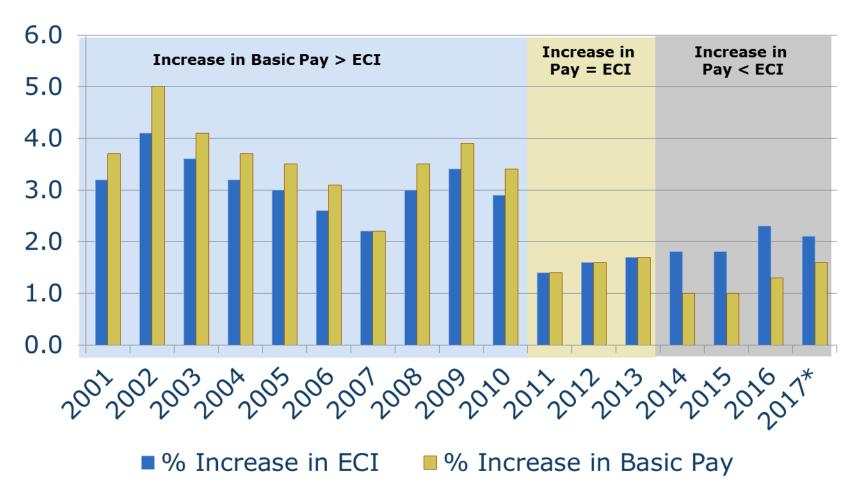
Total proposed active duty military end strength in FY2017:

#### 1.28 million

(2.1% reduction from FY2016 and 8.4% reduction from FY2011, the peak of the OCO buildup)



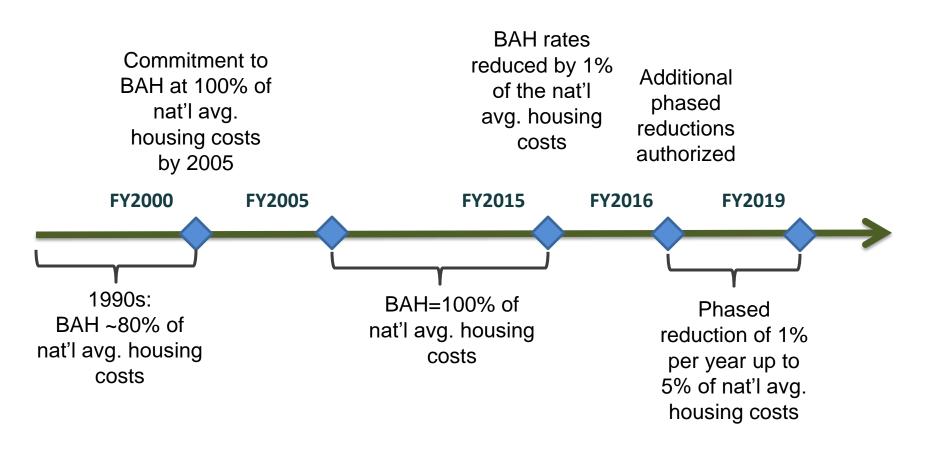
# Proposed Compensation Changes in the President's Budget (Basic Pay)







# Proposed Compensation Changes in the President's Budget (Basic Housing Allowances)



Phased Reductions in BAH Continue this Year



# Proposed Compensation Changes in the President's Budget (Health Benefits)

- Proposed changes in three main areas
  - New TRICARE plans to replace old plans
  - Enrollment fees for new Tricare-for-Life Beneficiaries
  - Pharmacy Co-Pay Increase



# Proposed Compensation Changes in the President's Budget (Retired Pay)

- Continuation pay at 12 years of service (YOS)
  - More flexibility in application of continuation pay for forceshaping
- TSP Matching Contributions

Matching	Current (FY2016 NDAA)	DOD Proposal
Amount	5% total (1% automatic+4% match)	6% total (1% automatic+5% match)
Start Date	At 3 YOS	At 5 YOS
End Date	26 YOS	Servicemember retirement



## FY2016 President's Budget Military Compensation Proposals – DOD Estimates of Savings

	Projected (in billions	_
	FY2017 Savings	FY2017-21 Savings
FY2017 Pay Raise of 1.6% (vice 2.1%)	0.3	2.2
TRICARE Modernization Plan	-0.1*	3.5
Pharmacy Co-Pay Adjustments	0.3	2.0
TRICARE for Life Enrollment Fee	0.3	1.4
Blended Retirement Amendment	<u>-0.4*</u>	<u>1.9</u>
Total Military Compensation Proposal Savings	0.5	11.0
*These are initial costs.		



### **Military Family Support Programs**

(base budget in \$ billions)

	FY2015	FY2	FY2016			
Program	Actual	Request	Enacted	Request		
Child Care and Youth Programs	1.0	1.2	1.2	1.3		
Morale, Welfare, and Recreation	1.4	1.5	1.5	1.5		
Warfighter and Family Services	1.5	1.6	1.6	1.5		
Commissary	1.3	1.2	1.4	1.2		
DoDEA Schools	2.4	2.4	2.3	2.1		
Military Spouse Employment	0.1	0.1	0.1	0.1		
Total	7.7	8.0	8.2	7.7		

Adapted from DOD FY2017 Budget Overview, Figure 6-6, and DOD FY2016 Budget documentation



### Selected "Force of the Future" Initiatives

- Initiatives Requiring Legislative Action:
  - Expanding parental leave from 10 to 14 days
  - Expanding adoption leave for joint-military marriages
  - Making the Career Intermission Program permanent and increasing the size of the program
- Organizational Initiatives:
  - Establishing a Defense Digital Service
  - Establishing an Office of People Analytics
- Pilot Projects/Studies:
  - Egg and sperm cryopreservation services pilot
  - Web-based talent management system pilot
  - Study on factors affecting recruit outcomes

Other initiatives may be announced in coming months



## **Active Component End Strength**

	FY 2001		FY2	015	FY2016	FY2017 (Budget Request)
	Authorized	Actual	Authorized	Actual	Authorized	Proposed
Army	480,000	480,801	490,000	491,365	475,000	460,000
USMC	172,600	172,934	184,100	183,526	184,000	182,000
Navy	372,642	377,810	323,600	327,862	329,200	322,900
AF	357,000	353,571	312,980	311,357	320,715	317,000

Total Proposed Active Duty Military End Strength Reductions in FY2017: 2.1% (from 1.31 million to 1.28 million)



# Proposed Compensation Changes in the President's Budget (Housing Allowances)

#### Housing Allowance (BAH) reductions continue this year.

- In 1996, housing allowances covered about 80% of average housing costs.
- Subsequent statutory changes resulted in BAH covering 100% of average housing costs.
- For FY2015, Congress authorized the Secretary of Defense to reduce BAH rates by up to 1% of the national average monthly housing costs.
- For FY2016, Congress authorized the Secretary of Defense to reduce BAH rates by up to 5% of the national average monthly housing costs; phased in at 1% increments over 4 years. DoD will apply a "save pay" provision during implementation.



# Proposed Compensation Changes in the President's Budget (Health Benefits)

TRICARE Modernization Plan	<ul> <li>Provide beneficiaries with two alternatives (TRICARE Select and TRICARE Choice)</li> <li>No co-pays for Military Treatment Facilities (MTFs) and fixed network copays for TRICARE Choice</li> <li>Participation fees for retirees, their families, and survivors of retirees</li> <li>Increase to catastrophic caps</li> <li>Medically retired members and families and survivors of those who died on active duty treated same as Active Duty family members (ADFMs)</li> <li>No-cost care option for ADFMs and zero copays for ER visits</li> </ul>
	` ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
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Plan	, and the second
	No-cost care option for ADFMs and zero copays for ER visits
	Fees and copays indexed at the National Health Expenditures per capita
Enrollment fees for new	<ul> <li>New annual enrollment fee for the TRICARE-for-Life coverage for Medicare- eligible retirees (age 65 and over).</li> </ul>
Tricare-for-Life Beneficiaries	Current beneficiaries grandfathered.
	Increases to retail pharmacy copayments over time.
Pharmacy Co-Pay Increase	MTF pharmacies still free.



## **Intelligence Spending**

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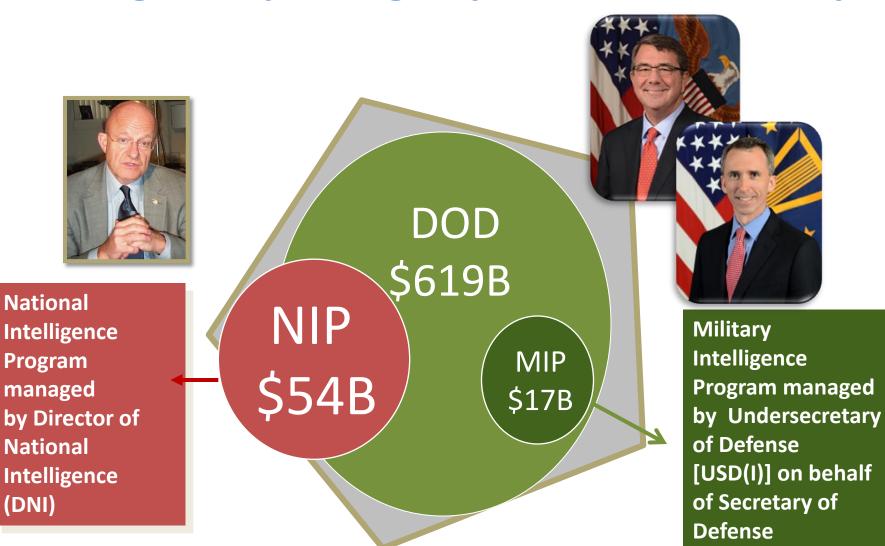
		FY07	FY08	FY09	FY10	FYII	FY12	FY13	FY14	FY15	FY16 requested
NIP	Nominal	43.5	<del>47.5</del>	<mark>49.8</mark>	53.I	<del>54.6</del>	53.9	49.0 (52.7)	50.5	50.3	53.9
	Constant <sup>c</sup>	50.0	53.5	55.4	58.6	59.0	57.3	51.2 (55.1)	51.0	51.1	53.9
MIP	Nominal	20.0	22.9	<del>26.4</del>	27.0	24.0	21.5	18.6 (19.2)	<mark>17.4</mark>	16.5	17.9
	Constant	22.0	25.8	29.4	29.8	25.0	22.9	19.4 (20.1)	17.9	16.8	17.9
NIP MIP Total	Nominal	63.5	<del>70.4</del>	<mark>76.2</mark>	80.1	<del>78.6</del>	<mark>75.4</mark>	67.6 (71.9)	<mark>67.9</mark>	<mark>66.8</mark>	71.8
	Constant	72.0	79.3	84.8	88.4	84.0	80.2	70.6 (75.2)	68.9	67.9	71.8
National Defense	Nominal	626	696	<mark>698</mark>	<mark>721</mark>	717	681	610	622	<del>597</del>	<mark>621</mark>
	Constant	719	784	776	796	776	725	638	641	606	621

Source: CRS, using numbers available at www.dni.gov, www.defense.gov, and www.whitehouse.gov.



Source: CRS CRS-58

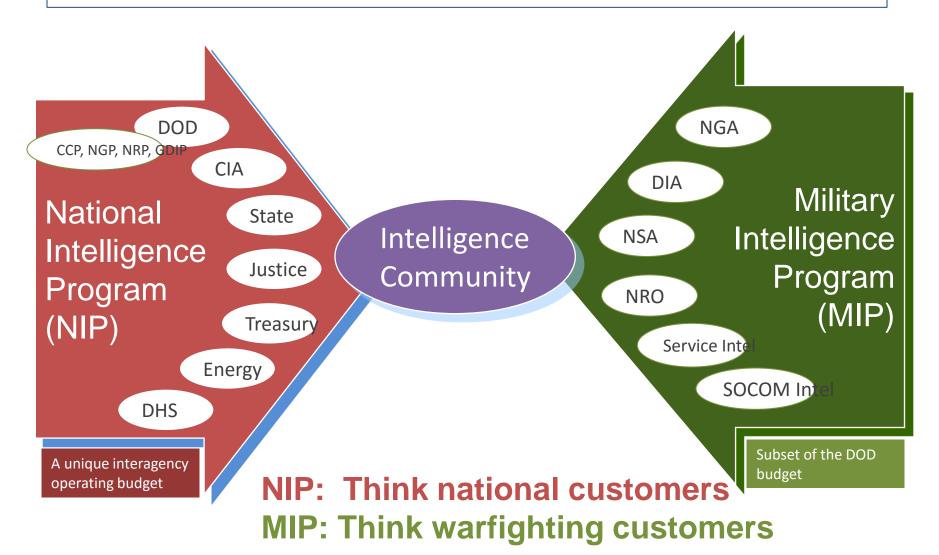
### **Intelligence Spending: Separate Pots of Money**



Budget request for FY 2017. Numbers are rounded and include both base and supplemental request.



## **Intelligence Spending: NIP and MIP**





## Intelligence Spending as a Percentage of National Defense Budget: Fiscal Years 2007-2016

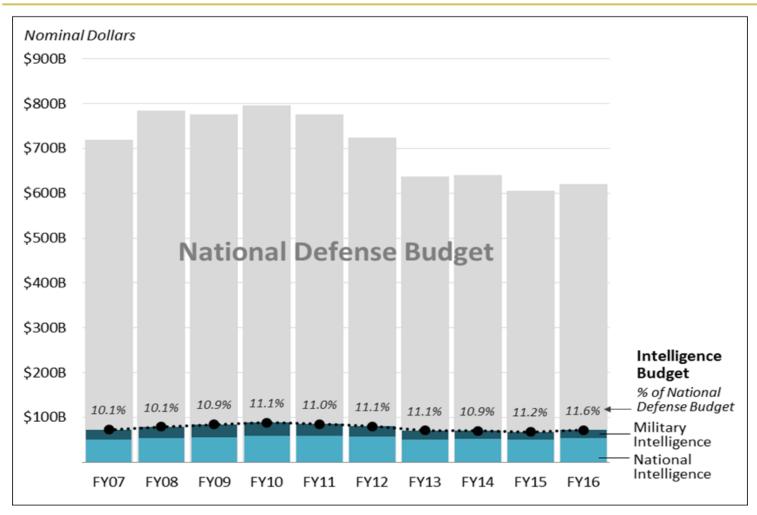
#### **Amounts in billions of FY2016 dollars**

	FY07	FY08	FY09	FY10	FY11	FY12	FY13	FY14	FY15	FY16
NIP	43.5	47.5	49.8	53.1	54.6	53.9	49.0	50.5	50.3	53.9
MIP	20.0	22.9	26.4	27.0	24.0	21.5	18.6	17.4	16.5	17.9
NIP + MIP total	63.5	70.4	76.2	80.1	78.6	75.4	67.6	67.9	66.8	71.8
National Defense	626	696	698	721	717	681	610	622	597	621
NIP + MIP as % of National Defense	10%	10%	11%	11%	11%	11%	11%	11%	11%	12%

Source: CRS analysis of data from www.dni.gov, www.defense.gov, and www.whitehouse.gov



# Intelligence Spending as a Percentage of National Defense Budget: FY2007-2016



Source: CRS, using numbers available at www.dni.gov, www.defense.gov, and www.whitehouse.gov.



## **Intelligence Spending based on Publicly Available Numbers: FY1997-2016**

