

**Department of Defense
Comprehensive Selected Acquisition Reports
for the Annual 2018 Reporting Requirement as Updated by the
President's Fiscal Year 2020 Budget**

The Department of Defense (DoD) has released details on major defense acquisition program cost, schedule, and performance changes since the December 2018 reporting period. This information is based on the comprehensive annual Selected Acquisition Reports (SARs) for the first quarter of FY 2019, as updated by the President's Fiscal Year (FY) 2020 budget submitted to Congress on March 11, 2019.

SARs summarize the latest estimates of cost, schedule, and performance status. These reports are prepared annually in conjunction with submission of the President's Budget. Subsequent quarterly exception reports are required only for those programs experiencing unit cost increases of at least 15 percent or schedule delays of at least six months. Quarterly SARs are also submitted for initial reports, final reports, and for programs that are rebaselined at major milestone decisions.

The total program acquisition cost estimates provided in the SARs include research and development, procurement, military construction, and acquisition-related operations and maintenance. These totals reflect actual costs to date as well as future anticipated costs. All estimates are shown in fully inflated then-year dollars.

The prior current estimate of program acquisition costs for programs covered by SARs for the reporting period for December 2017 (83 programs) was \$1,917,840 million. The current estimate for December 2018 (87 programs) is \$2,018,684 million. Quantity changes account for the majority of the \$101,000 million increase (+\$51,000 million), in addition to scope changes (+\$18,000 million) and revised indices (+\$11,500 million). 16 of the 20 programs with quantity changes are either equal to or underrunning their current baseline costs, as well as 60 of the 84* SARs reporting Unit Cost this SAR cycle overall.

New SARs

DoD is submitting initial SARs for the following programs: the Navy's Expeditionary Sea Base (ESB) and Advanced Anti-Radiation Guided Missile – Extended Range (AARGM-ER) programs, and the Air Force's VC-25B and Presidential and National Voice Conferencing Integrator (PNVC Integrator)* programs.

<u>Program</u>	<u>Current Estimate (\$ in Millions)</u>
ESB	\$5,188.1
AARGM-ER	\$4,071.3
VC-25	\$5,180.2
PNVC**	\$349.6

*AMF JTRS, MGUE Inc 1, and PNVC Integrator have no Unit Costs because they have no quantity or no baseline costs.

**PNVC is not a Major Defense Acquisition Program (MDAP) but is required by the FY 2018 National Defense Authorization Act to submit a SAR.

Summary Explanations of Selected SAR Cost Changes
(As of March 11, 2019)

Program Cost Changes

Army - Total program costs for the Army have increased \$11,601.6 million (+6.2%) from \$187,573.4 million to \$199,175.0 million. The changes that have increased or decreased greater than \$1 billion or 10% are below:

AH-64E Apache New Build – Program costs increased \$439.7 million (+22.4%) from \$1,964.6 million to \$2,404.3 million, due primarily to an increase of 13 aircraft from 61 to 74.

Airborne and Maritime/Fixed Station Joint Tactical Radio System (AMF JTRS) - Program costs decreased \$2,122.7 million (-59.3%) from \$3,577.5 million to \$1,454.8 million, due to program cancellation. The Army's network modernization strategy includes halting programs that do not or are not likely to address operational requirements and pivoting to a new acquisition methodology that fosters rapid insertion of new technology. As a result of an assessment of the AMF Small Airborne Network Radio subprogram, and in line with this strategy, the Army Acquisition Executive directed program cancellation. All remaining funds in the program support close out activities and ongoing efforts in support of the Army's network modernization approach.

CH-47F Modernized Cargo Helicopter (CH-47F Block II) - Program costs increased \$4,448.6 million (+19.8%) from \$22,437.2 million to \$26,885.8 million, due primarily to the extension of the procurement buy profile to FY 2049, an increased estimate to reflect a rate penalty due to below economic rate of production quantities, and an increased Systems Engineering/Program Management estimate to add seven years as a result of the extension of production.

Common Infrared Countermeasure (CIRCM) - Program costs increased \$1,629.9 (+53.4%) from \$3,052.4 million to \$4,682.3 million, due primarily to a quantity increase for A-Kits from 3,373 to 3,642 (+269) and B-Kits from 1,076 to 1,781 (+705).

Guided Multiple Launch Rocket System/Guided Multiple Launch Rocket System Alternative Warhead (GMLRS/GMLRS AW)- Program costs decreased \$1,072.7 million (-6.4%) from \$16,760.1 million to \$15,687.4 million, due primarily to an acceleration of the procurement buy profile due to an increase of production capacity in FY 2019. There was also a change in the mix of rocket variants with different price points. The acceleration of the procurement buy profile resulted in a lower annual unit cost due to economies of scale and reduction in the amount of Extended Range variants to be procured.

Joint Air-to-Ground Missile (JAGM)- Program costs increased \$1,479.5 (+20.8) from \$7,125.6 million to \$8,605.1 million, due primarily to a revised estimate to reflect production cost projections based on actual contract costs, a stretch-out of the procurement buy profile from FY 2036 to FY 2039, which includes the Congressional rescission in FY 2019 (-\$20M) causing a shift of 108 missiles from FY 2019 across the Army profile, and additional funding due to the production line cut-in of the insensitive munition rocket motor.

Joint Light Tactical Vehicle (JLTV) - Program costs decreased \$2,317.9 million (-8.3%) from \$28,028.9 million to \$25,711.0 million, due primarily to a revised estimate for vehicle and kit costs based on unit cost data from the current contract.

Patriot Advanced Capability-3 Missile Segment Enhancement (PAC-3 MSE) - Program costs increased \$6,666.1 million (+73.1%) from \$9,123.0 million to \$15,789.1 million, due primarily to an increase of 1,377 missiles from 1,723 to 3,100, and the increase in other support due to the quantity change.

Paladin Integrated Management (PIM)- Program costs increased \$1,984.7 million (24.5%) from \$8,105.6 million to \$10,090.3 million, due primarily to an increase of 574 PIM systems from 574 to 689.

Navy – Total program costs for the Navy have increased \$46,999.5 million (+5.4%) from \$874,581.5 million to \$921,581.0 million. The changes that have increased or decreased greater than \$1 billion or 10% are below:

AIM-9X Block II Sidewinder (AIM 9X Block II) - Program costs increased \$3,416.1 million (93.2%) from \$3,666.3 million to \$7,082.4 million, due primarily to an increase of 2,678 missiles (2,648 to 5,326) for the Navy and 2,957 missiles (3,352 to 6,309) for the Air Force.

Cooperative Engagement Capability (CEC) - Program costs increased \$691.0 million (12.1%) from \$5,719.2 million to \$6,410.2 million, due primarily to an increase of 37 shipboard units from 69 to 106, and an increase of 24 Common Array Block shipboard units from 97 to 121.

CVN 78 Gerald R. Ford Class Nuclear Aircraft Carrier (CVN 78) - Program costs decreased \$1,775.4 million (-3.2%) from \$54,746.0 million to \$52,970.6 million, due primarily to a revised estimate for CVN 81 to reflect savings from the CVN 80/81 award.

DDG 51 Arleigh Burke Class Guided Missile Destroyer (DDG 51) - Program costs increased \$4,897.7 million (+4.0) from \$121,747.9 million to \$126,645.6 million, due primarily to an increase of two DDGs from 95 to 97.

KC-130J Transport Aircraft (KC-130J)- Program costs increased \$1,132.7 million (11.5%) from \$9,895.6 million to \$11,028.3 million, due primarily to an increase of seven aircraft from 104 to 111, and a revised estimate for the airframe driven by cost increases for the assumed outyear minimum sustaining rate reduction after Multi-Year Procurement III contract completes in FY 2023.

Littoral Combat Ship (LCS) - Program costs increased \$1,483.0 million (+7.0%) from \$21,225.5 million to \$22,708.5 million, due primarily to an increase of three LCS ships from 30 to 33.

LHA 6 America Class Amphibious Assault Ship (LHA 6) - Program costs increased \$3,905.9 million (34.7%) from \$11,257.2 million to \$15,163.1 million, due primarily to an increase of one ship from three to four, which was offset by a revised estimate due to a change in estimating assumptions associated with the additional ship buy.

LPD 17 San Antonio Class Amphibious Transport Dock (LPD 17)- Program costs increased \$29,140.2 million (+128.6%) from \$22,659.8 to \$51,800.0 million, due primarily to an increase of 13 ships from 13 to 26, the additional advance procurement funding for Flight II ships, and the post-delivery and outfitting requirements associated with the ship increase.

MQ-25 Stingray (MQ-25) - Program costs decreased \$2,060.7 million (-13.6%) from \$15,208.5 million to \$13,147.8 million, due primarily to a revised estimate to align to the fixed price contract awarded on August 30, 2018, a revised estimate to align to the FY 2020 PB, and a revised estimate to reflect the change from the Cost Assessment and Program Evaluation (CAPE) Independent Cost Estimate (ICE) in the initial SAR to the Program Office Estimate in the current SAR.

Offensive Anti-Surface Warfare Increment 1 (Long Range Anti-Ship Missile) (OASuW Inc 1 (LRASM)) - Program costs increased \$741.3 million (+39.6%) from \$1,871.0 million to \$2,612.3 million. More information can be found in the Nunn-McCurdy section below.

Standard Missile-6 (SM-6) - Program costs increased \$2,762.6 million (+31.5%) from \$8,766.6 million to \$11,529.2 million, due primarily to an increase of 531 All-Up-Round missiles from 1,800 to 2,331. There was an emergent requirement starting in FY 2024 to increase SM-6 Block IA procurement from 125 missiles per year to 180 per year through at least FY 2028. There was also a revised estimate for SM-6 Block IA unit cost assuming a single year procurement starting in FY 2024.

SSN 774 Virginia Class Submarine (SSN 774)- Program costs decreased \$2,681.2 (-1.6%) from \$164,206.7 million to \$161,525.5 million, due primarily to the acceleration of the procurement buy profile in accordance with the FY 2019 U.S. Navy 30-Year Shipbuilding Plan, and a revised estimate to reflect the application of new outyear indices.

T-AO 205 John Lewis Class Fleet Replenishment Oiler (T-AO 205 Class) - Program costs increased \$2,622.7 million (+25.5%) from \$10,300.4 million to \$12,923.1 million, due primarily to the increase of three ships from 17 to 20, a revised estimate for ship procurement beyond the Future Years Defense Plan (FYDP), and a revised estimate for Outfitting and Post Delivery funding beyond the FYDP.

Air Force - Total program costs for the Air Force have increased \$10,557.5 million (+5.6%) from \$259,320.6 million to \$269,878.1 million. The changes that have increased or decreased greater than \$1 billion or 10% are below:

B-2 Defensive Management System - Modernization (B-2 DMS-M)- Program costs increased \$285.3 million (+10.3%) from \$2,766.6 million to \$3,051.9 million, due primarily to increased scope, and aligning the estimate to incorporate the scope change in the updated June 4, 2018 Service Cost Position.

Joint Air-to-Surface Standoff Missile (JASSM) - Program costs increased \$5,298.0 million (+113.4%) from \$4,670.8 million to \$9,968.8 million, due primarily to an increase of 4,334 missiles from 2,866 to 7,200.

Joint Direct Attack Munition (JDAM) - Program costs increased \$1,165.8 million (+10.3%) from \$11,363.6 million to \$12,529.4 million, due primarily to an increase of 33,786 tail kits from 336,433 to 370,219.

National Security Space Launch (NSSL) - Program costs increased \$4,109.6 million (+7.2%) from \$57,223.9 million to \$61,333.5 million, due primarily to increased funding to invest in new launch systems providers to support National Security Space mission requirements, and an increase of 19 launch services, from 160 to 179, based on Satellite Vehicle requirements.

DoD – The total program costs for DoD have increased \$24,126.7 million (+4.0%) from \$599,987.4 million to \$624,114.1 million. The main driver of that increase, F-35, is detailed below:

F-35 Lightning II Joint Strike Fighter (JSF) Program (F-35) - The overall Acquisition Cost (RDT&E, Procurement, and MILCON) of the program increased by \$15.3B in base year 2012 dollars (BY12\$) and increased by \$22.2B in then-year dollars (TY\$). The Total Program Costs (RDT&E, Procurement, MILCON, and O&S) increased by \$25.0B in base year 2012 dollars (BY12\$) and by \$94.8B in then-year dollars (TY\$).

Development: The RDT&E costs have increased by \$10.5B (BY12\$) and \$12.4B (TY\$). RDT&E costs increased due to adjustment to include Block 4 development prior year actuals, and 2018 program office estimated costs, as well as Deployability and Suitability (D&S), Automatic Logistics Information System (ALIS), and Dual Capable Aircraft (DCA). The Block 4 program office cost estimate was split between ~\$7.3B U.S. and ~3.3B Partners (TY\$). The U.S. Services demonstrated confidence in the plan by fully funding to the Joint Program Office (JPO) Block 4 cost estimate.

Procurement: The increase in Procurement cost of \$4.7B (BY12\$) and \$9.9B (TY\$) is driven by the following items: addition of funding for Block 4 modifications; the revised estimate of Airframe cost due to the incorporation of the latest prime and subcontractor actuals and labor/exchange rates; and the increase in Other Support due to maturation of the technical baseline, definition of customer requirements, and further definition of Service beddown plans. The overall average Unit Recurring Flyaway (URF) (Aircraft & Engine) cost in BY12\$ increased by \$2.1M for the F-35A, increased by \$2.8M for the F-35B, and increased by \$0.9M for the F-35C. The URF increase was driven by the incorporation of air vehicle actuals received prior to the settlement of LRIP 11. The Average Procurement Unit Cost (APUC) for the program increased by \$2.0M (BY12\$) and the Program Acquisition Unit Cost (PAUC) increased by \$6.2M (BY12\$).

MILCON: The estimated MILCON costs were revised based on Service inputs reflecting an increase of \$0.1M (BY12\$) and decrease of \$0.1M (TY\$). The F-35 JPO does not manage MILCON funds but reports the latest Service projections.

Sustainment: The 2018 SAR O&S cost estimate was updated by OSD CAPE, and reflects changes from the 2015 CAPE estimate. The CAPE O&S cost estimate increased by \$9.7B (BY12\$) and \$72.6B (TY\$). The JPO O&S cost estimate decreased by \$23.1B (BY12\$) and \$8.5B (TY\$). The JPO 2018 life cycle O&S cost estimate in BY12\$ decreased by 3.8 percent from the 2017 estimate. This decrease was driven by aligning with OSD escalation guidance (impact to BY\$), incorporating the latest beddowns, updating to FY 2019 military composite labor rates, and adjusting the modifications bookkeeping strategy to only capture sustainment related modifications in FY 2023

and later years. The JPO's estimated steady state cost per flying hour decreased by 2.3 percent for the USAF F-35A , decreased by 1.8 percent for the United States Marine Corps (USMC) F-35B , and increased by 5.3 percent for the USN F-35C. The decrease to the USAF F-35A and USMC F-35B steady state cost per flying hour was primarily driven by aligning with OSD escalation guidance. The increase to the USN F-35C steady state cost per flight hour was driven by updates to the F-35C propulsion estimate. The 2018 estimate now aligns with the Services' definition of steady state periods. USAF F-35A shifted from 2043 to 2036-41; USMC F-35B moved from 2030-42 to 2033-37; USN F-35C changed from 2033 to 2036-43.

Nunn-McCurdy Unit Cost Breaches for 2018

For the December 2018 reporting period, there are two programs with significant Nunn-McCurdy unit cost breaches to their current or original Acquisition Program Baseline (APB) (see below). In accordance with the provisions of sections 2433 and 2433a of title 10, United States Code, the Department will notify Congress and provide the required unit cost breach information in the SARs for these two programs.

Significant Breach: *(Unit cost increases of 15 percent, but less than 25 percent, to the current APB or of 30 percent, but less than 50 percent, to the original APB)*

Offensive Anti-Surface Warfare Increment 1 (Long Range Anti-Ship Missile) (OASuW Inc 1 (LRASM)) (Navy) – This program had a significant Nunn-McCurdy unit cost breach against APUC, relative to the program baseline approved by the Navy in March 2016, as a result of purposeful design changes made to address capability gaps with the understanding that per-unit costs would increase. Additionally, there was a realization of actual costs in Lots 1-3 and a Secretary of Defense Program Decision Memorandum that increased procurement quantities from 184 (PB 2019) to 374 (PB 2020). An updated APB was approved on February 7, 2019, which cleared the breach in this SAR. However, the Navy is reporting the breach for transparency purposes.

F-15 Eagle Passive Active Warning Survivability System (F-15 EPAWSS) (Air Force) – This program has a significant Nunn-McCurdy unit cost breach of 24.34% against Program Acquisition Unit Cost (PAUC) primarily due to the removal of F-15C costs and quantities. The program is currently reevaluating cost and schedule impacts and expects to update the APB at the Milestone C for the program later this year.

Program Acquisition Cost Summary (Dollars in Millions)

DEC 2018

Program	Base Year	Current Estimate			Changes This Quarter		
		Base Year \$	Then Year \$	Quantity	Base Year \$	Then Year \$	Quantity
Army							
AH-64E New Build	2010	2,076.4	2,404.3	74	372.4	439.7	13
AH-64E Remanufacture	2010	12,584.4	14,624.9	639	-22.3	76.6	0
AMF JTRS	2008	1,423.2	1,454.8	0	-1,498.2	-2,122.7	-14,400
AMPV	2015	10,812.6	13,791.3	2,936	-101.6	16.7	0
CH-47F Block II	2017	17,439.3	26,885.8	542	1,214.9	4,448.6	0
CIRCM	2018	3,931.1	4,682.3	1,829	1,268.8	1,629.9	705
GMLRS/GMLRS AW	2003	11,153.6	15,687.4	97,471	-434.5	-1,072.7	865
HMS	2011	8,532.8	10,581.4	271,202	98.2	184.2	0
IAMD	2009	6,132.8	7,702.5	479	-120.8	-88.4	0
JAGM	2018	6,996.2	8,605.1	26,437	913.1	1,479.5	0
JLTV	2015	20,791.2	25,711.0	58,322	-1,830.7	-2,317.9	16
M88A2 HERCULES	1997	2,394.4	3,016.9	938	16.2	15.2	0
MQ-1C Gray Eagle	2010	5,696.0	6,140.6	45	186.6	233.7	0
PAC-3 MSE	2014	13,148.1	15,789.1	3,100	4,847.1	6,666.1	1,377
PIM	2013	8,406.5	10,090.3	691	1,326.0	1,984.7	115
UH-60M Black Hawk	2005	22,154.0	27,825.0	1,370	210.7	377.2	0
WIN-T Inc 2	2010	3,860.1	4,182.3	1,621	-306.4	-348.8	-2
SubTotal		157,532.7	199,175.0		6,139.5	11,601.6	
Navy							
AAG	2017	2,361.3	2,418.1	4	116.5	161.8	1
ACV 1.1	2014	1,815.6	2,002.5	240	99.2	112.6	0
AGM-88E AARGM	2003	2,102.8	2,666.5	2,475	-2.4	9.7	0
AIM-9X Bik II	2011	5,544.7	7,082.4	11,635	2,350.5	3,416.1	5,635
AMDR	2013	5,219.3	6,074.3	22	130.6	246.6	0
CEC	2002	5,394.1	6,410.2	361	365.0	691.0	61
CH-53K	2017	27,945.9	31,529.8	200	29.3	364.6	0
CVN 78 - CVN 78	2000	31,759.7	52,970.6	4	-1,121.6	-1,775.4	0
CVN 78 - EMALS	2000	2,259.0	3,483.0	4	-58.4	-84.9	0
DDG 1000	2005	19,912.1	23,547.5	3	-8.7	55.0	0
DDG 51	1987	74,288.5	126,645.6	97	1,485.7	4,897.7	2
E-2D AHE	2009	19,748.3	22,168.7	75	494.4	711.8	0
G/ATOR	2012	2,788.4	3,121.7	45	-19.8	-3.0	0
H-1 Upgrades	2008	11,642.2	12,478.1	353	137.2	193.2	7
IDECM	2018	1,257.1	1,276.0	324	4.9	1.3	0
IRST	2008	1,978.8	2,438.1	173	71.2	104.7	-6
JPALS	2016	1,726.1	1,737.1	33	-98.7	-117.7	0
KC-130J	2010	9,639.1	11,028.3	111	840.8	1,132.7	7
LCS	2010	19,520.5	22,708.5	35	1,016.3	1,483.0	3
LCS MM	2010	5,625.9	6,597.9	49	45.3	119.2	1
LHA 6	2006	10,892.3	15,163.1	4	2,266.4	3,905.9	1
LPD 17	1996	29,086.4	51,800.0	26	12,757.6	29,140.2	13
MIDS	2003	4,355.6	5,189.8	9,809	123.6	186.2	163
MQ-25	2018	10,701.7	13,147.8	76	-1,757.2	-2,060.7	0
MQ-4C Triton	2016	15,394.9	17,459.9	70	335.9	533.9	0

MQ-8 Fire Scout	2017	3,166.5	3,080.2	68	162.6	185.2	5
NGJ Mid-Band	2016	7,725.9	8,973.0	135	-13.7	146.6	0
OASuW Inc 1 (LRASM)	2014	2,371.4	2,612.3	390	618.0	741.3	216
P-8A	2010	31,804.9	34,589.0	122	-10.1	75.7	0
SM-6	2004	8,259.4	11,529.2	2,331	1,695.1	2,762.6	531
SSBN 826	2017	98,919.7	126,789.4	12	-922.5	-85.4	0
SSC	2011	4,165.3	5,448.4	73	-49.4	79.5	0
SSN 774	1995	92,877.7	161,525.5	48	-1,380.6	-2,681.2	0
T-AO 205 Class	2016	10,283.7	12,923.1	20	1,696.4	2,622.7	3
Trident II Missile	1983	27,932.6	42,330.7	561	92.7	289.6	0
V-22	2005	51,372.4	55,700.2	464	-403.5	-539.2	2
VH-92A	2014	4,453.1	4,934.5	23	-50.6	-23.4	0
SubTotal		666,292.9	921,581.0		21,038.0	46,999.5	
Air Force							
AEHF	2002	2,056.4	2,666.0	2	-23.6	-24.9	0
AMRAAM	1992	16,284.1	20,298.4	17,312	-44.3	17.7	0
APT	2018	8,069.1	9,937.7	351	-17.8	15.1	0
AWACS Blk 40/45 Upgrade	2012	2,753.1	2,749.4	31	23.9	36.0	0
B-2 DMS-M	2016	2,851.5	3,051.9	20	227.5	285.3	0
B61 Mod 12 LEP TKA	2019	1,151.5	1,135.4	890	-102.2	-98.8	0
C-130J	1996	11,275.3	14,158.1	170	29.0	-75.9	0
CRH	2014	7,741.9	9,152.5	113	-39.1	47.4	1
F-15 EPAWSS	2016	2,828.8	3,259.9	221	232.5	265.1	0
F-22 Inc 3.2B Mod	2016	1,434.1	1,410.7	152	-47.2	-47.7	0
FAB-T - FET	2015	2,632.2	2,794.8	144	-3.2	27.3	7
FAB-T - CPT	2015	1,771.1	1,733.0	109	-18.2	-14.2	0
GPS III	2010	4,919.5	5,214.5	10	-160.0	-196.3	0
GPS IIIF	2018	9,233.4	10,771.5	22	-40.4	0.0	0
HC/MC-130 Recap	2009	12,496.7	14,228.2	134	-149.4	-129.0	1
ICBM Fuze Mod	2014	1,818.4	2,060.0	781	-26.0	-16.0	0
JASSM	2010	8,304.8	9,968.8	7,231	4,378.4	5,298.0	4,334
JDAM	1995	9,211.5	12,529.4	470,656	697.8	1,165.8	39,630
KC-46A	2016	38,525.2	43,602.2	179	-695.8	-216.2	0
MGUE Inc 1	2017	1,419.5	1,446.6	0	0.6	9.9	0
MQ-9 Reaper	2008	11,055.7	12,638.0	433	-450.6	-524.4	-3
NSSL	2012	54,414.3	61,333.5	180	2,921.6	4,109.6	19
OCX	2017	6,244.1	6,278.8	1	162.5	218.7	0
SBIRS High	1995	2,263.5	3,310.0	2	-101.0	-138.9	0
SDB II	2015	4,243.0	4,651.9	17,163	-6.0	26.6	0
Space Fence Inc 1	2014	1,445.4	1,454.9	1	-32.2	-32.7	0
UH-1N Replacement	2018	3,279.9	3,825.0	84	-28.9	-44.5	0
WGS	2010	4,177.8	4,217.0	9	501.9	594.5	1
SubTotal		233,901.8	269,878.1		7,189.8	10,557.5	
DoD							
BMDS	2002	153,591.2	190,550.7	0	1,875.0	1,149.5	0
Chem Demil-ACWA - PCAPP	2011	5,740.5	6,271.4	2,613	387.1	277.2	0
Chem Demil-ACWA - BGCAPP	2011	6,383.9	7,063.0	523	-387.1	-340.3	0
F-35 - F-35 Engine	2012	54,016.5	65,935.4	2,470	1,296.7	636.3	0
F-35 - F-35 Aircraft	2012	286,438.5	362,447.3	2,470	20,955.0	14,722.9	0
SubTotal		506,170.6	632,267.8		24,126.7	16,445.6	
Grand Total		1,563,898.0	2,022,901.9		58,494.0	85,604.2	

Distribution of Cost Changes (Base-Year Dollars in Millions)

DEC 2018

		Cost Changes Between the Baseline and Current Estimate													
		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
Program	Base Year	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
Army:															
AH-64E New Build	2010	593.3	819.0	48.7	100.2	-	-	-278.6	-1,006.1	-	-	9.0	-143.7	372.4	-230.6
AH-64E Remanufacture	2010	-	-	-	17.0	-	-	-42.1	2,722.2	-	-	19.8	-623.5	-22.3	2,115.7
AMF JTRS	2008	-3,106.4	-5,358.4	-339.9	-448.8	-	11.0	2,199.7	78.1	-	-	-251.6	-	-1,498.2	-5,718.1
AMPV	2015	-	-	-	-	-	-	-61.3	113.5	-	-	-40.3	-25.7	-101.6	87.8
CH-47F Block II	2017	-	-	541.8	541.8	31.7	31.7	575.1	580.0	-	-	66.3	66.0	1,214.9	1,219.5
CIRCM	2018	879.1	879.1	-	-	-	-	84.0	105.6	-	-	305.7	285.6	1,268.8	1,270.3
GMLRS/GMLRS AW	2003	50.8	-2,467.2	18.3	1,286.2	0.1	16.8	-500.1	2,528.7	-	-	-3.6	8.9	-434.5	1,373.4
HMS	2011	-	-	99.0	244.9	-	-	37.3	39.4	-	-	-38.1	5.9	98.2	290.2
IAMD	2009	-	1,812.7	71.8	69.1	-	148.7	-556.0	-321.0	-	-	363.4	-433.3	-120.8	1,276.2
JAGM	2018	-	-	-13.4	-27.0	292.6	292.6	761.3	682.6	-	-	-127.4	101.4	913.1	1,049.6
JLTV	2015	6.0	1,079.8	-	1,761.0	-	-	-1,769.5	-1,818.4	-	-	-67.2	69.3	-1,830.7	1,091.7
M88A2 HERCULES	1997	-	-	-	-	-	-	13.3	-68.4	-	-	2.9	103.7	16.2	35.3
MQ-1C Gray Eagle	2010	-	635.2	-	0.6	-	93.6	169.1	-505.5	-	-	17.5	220.1	186.6	444.0
PAC-3 MSE	2014	5,181.1	7,644.6	-184.7	-250.0	-	-	-1,248.6	-1,575.1	-	-	1,099.3	1,291.6	4,847.1	7,111.1
PIM	2013	740.8	858.5	-0.9	-1.0	-	-	676.3	874.7	-	-	-90.2	-169.3	1,326.0	1,562.9
UH-60M Black Hawk	2005	-	2,272.3	-	918.9	-	538.8	135.3	928.3	-	-	75.4	694.0	210.7	5,352.3
WIN-T Inc 2	2010	-2.9	-333.8	-5.4	-1.9	-225.2	-702.6	-5.6	98.3	-	-	-67.3	114.1	-306.4	-825.9
Army Subtotal		4,341.8	7,841.8	235.3	4,211.0	99.2	430.6	189.6	3,456.9	-	-	1,273.6	1,565.1	6,139.5	17,505.4
Navy:															
AAG	2017	273.8	273.8	-	-	-49.6	-49.6	-107.7	-90.7	-	-	-	-	116.5	133.5
ACV 1.1	2014	-	-	-	-	-	-21.2	155.6	32.1	-	-	-56.4	-22.2	99.2	-11.3
AGM-88E AARGM	2003	-	274.7	0.8	73.6	-	64.2	-15.2	136.7	-	-	12.0	25.1	-2.4	574.3
AIM-9X Bik II	2011	3,564.6	3,564.6	-549.5	-896.0	-5.2	268.7	-763.5	-1,396.3	-	-	104.1	36.4	2,350.5	1,577.4
AMDR	2013	-	-	19.9	38.8	113.7	-128.7	-97.1	-84.5	-	-	94.1	100.2	130.6	-74.2
CEC	2002	309.7	247.7	42.0	558.3	-70.9	279.8	-10.6	199.0	-	-	94.8	-14.0	365.0	1,270.8
CH-53K	2017	-	-	289.3	288.8	-	-	-120.7	103.8	-	-	-139.3	-152.5	29.3	240.1

CVN 78 - CVN 78	2000	-	6,091.1	23.9	173.6	-	-164.7	-1,146.9	-2,092.7	-	-	1.4	26.8	-1,121.6	4,034.1
CVN 78 - EMALS	2000	-	-136.1	-	-	-	-	-58.4	1,419.5	-	-	-	-	-58.4	1,283.4
DDG 1000	2005	-	-14,646.0	-41.5	60.4	-	375.1	32.8	2,574.7	-	-	-	-	-8.7	-11,635.8
DDG 51	1987	994.1	42,514.6	29.2	793.2	371.1	5,279.9	91.3	8,747.1	-	-	-	-	1,485.7	57,334.8
E-2D AHE	2009	-	-	68.9	1,184.2	499.6	1,928.5	-43.7	-1,259.6	-	-	-30.4	426.6	494.4	2,279.7
G/ATOR	2012	-	-	-	-0.1	-	98.5	-37.6	-29.1	-	-	17.8	103.8	-19.8	173.1
H-1 Upgrades	2008	153.1	-5.6	-3.1	-27.2	-	83.6	-19.9	383.9	-	-	7.1	4.1	137.2	438.8
IDECM	2018	-	-	-	-	-	-	4.8	4.8	-	-53.0	0.1	0.1	4.9	-48.1
IRST	2008	-19.0	-19.0	-	-	108.5	108.5	74.9	69.0	-	-	-93.2	-94.3	71.2	64.2
JPALS	2016	1.4	1.4	-19.1	-19.0	-	-	-36.2	-39.0	-	-	-44.8	-44.4	-98.7	-101.0
KC-130J	2010	612.9	612.9	21.2	342.4	-	177.1	133.8	-621.7	-	-	72.9	-105.5	840.8	405.2
LCS	2010	1,428.3	-10,492.6	55.3	837.5	73.0	1,236.6	-540.3	-4,072.0	-	-	-	-	1,016.3	-12,490.5
LCS MM	2010	-	-1,248.9	72.0	1,302.5	12.7	-4.4	-172.8	-936.2	-	-	133.4	133.4	45.3	-753.6
LHA 6	2006	2,685.0	8,827.3	4.5	-28.9	-	49.5	-423.1	-1,082.7	-	249.7	-	-	2,266.4	8,014.9
LPD 17	1996	6,099.2	5,830.8	573.7	1,088.4	-	-	4,767.6	10,070.7	1,317.1	3,078.4	-	-	11,440.5	20,068.3
MIDS	2003	46.4	1,941.3	-0.7	-33.5	-1.2	488.3	79.1	113.8	-	-	-	20.9	123.6	2,530.8
MQ-25	2018	-199.3	-199.3	910.1	910.1	-	-	-2,522.1	-2,681.4	-	-	54.1	54.0	-1,757.2	-1,916.6
MQ-4C Triton	2016	-	-69.3	-52.0	-55.1	-	-	283.0	381.3	-	-	104.9	73.7	335.9	330.6
MQ-8 Fire Scout	2017	80.2	167.9	-	-	98.2	98.2	-25.0	-55.6	-	-	9.2	6.9	162.6	217.4
NGJ Mid-Band	2016	-	33.5	-4.8	320.6	-	34.1	-107.0	-172.8	-	-	98.1	46.8	-13.7	262.2
OASuW Inc 1 (LRASM)	2014	552.9	728.9	6.9	6.9	63.7	180.7	-7.0	-20.3	-	-	1.5	7.9	618.0	904.1
P-8A	2010	-	8.8	-48.1	86.6	-	852.1	34.2	-1,382.5	-	-	3.8	-106.0	-10.1	-541.0
SM-6	2004	1,524.7	3,285.8	64.0	39.0	-	-	13.2	-669.5	-	-	93.2	323.0	1,695.1	2,978.3
SSBN 826	2017	-	-	-	-	-	-	-900.3	-1,290.7	-	-	-22.2	-11.5	-922.5	-1,302.2
SSC	2011	-	-4.0	-	-3.1	-	-	-46.9	234.2	-	-	-2.5	12.6	-49.4	239.7
SSN 774	1995	-	33,418.9	-	-3,676.6	-313.0	3,181.9	-1,053.9	-4,654.0	-	-	-13.7	253.9	-1,380.6	28,524.1
T-AO 205 Class	2016	1,462.8	1,462.8	-49.3	41.2	-7.4	-7.4	290.3	243.6	-	-	-	-	1,696.4	1,740.2
Trident II Missile	1983	-	-3,970.8	-0.4	35.2	-	55.9	48.7	4,046.3	-	-	44.4	1,209.7	92.7	1,376.3
V-22	2005	185.0	420.4	105.9	1,169.3	1.0	1,046.7	-554.5	-1,616.2	-	-	-140.9	101.8	-403.5	1,122.0
VH-92A	2014	-	-	-	-	-	-	-60.9	-188.4	-	-	10.3	-8.2	-50.6	-196.6
Navy Subtotal		19,755.8	78,915.6	1,519.1	4,611.1	894.2	15,511.9	-2,862.0	4,324.6	1,317.1	3,275.1	413.8	2,409.1	21,038.0	109,047.4
Air Force:															
AEHF	2002	-	-	-	-	-	-	-23.6	-658.7	-	-	-	-	-23.6	-658.7
AMRAAM	1992	-	879.0	7.0	1,294.2	-	904.5	-36.1	649.7	-	-	-15.2	278.5	-44.3	4,005.9

APT	2018	-	-	-	-	-	-	-23.5	-12.0	-	-	5.7	5.7	-17.8	-6.3
AWACS Bk 40/45 Upgrade	2012	-	-37.9	-	-25.9	-	-	24.2	-16.3	-	-	-0.3	10.8	23.9	-69.3
B-2 DMS-M	2016	-	-	-	-	325.8	325.8	-137.0	78.3	-	-	38.7	-108.8	227.5	295.3
B61 Mod 12 LEP TKA	2019	-	-	-	-69.0	-	-	-102.2	-252.2	-	-	-	-	-102.2	-321.2
C-130J	1996	-	8,705.2	173.1	-238.5	-	148.5	-94.8	34.3	-	-	-49.3	1,895.1	29.0	10,544.6
CRH	2014	35.7	35.7	-	-21.9	16.9	16.9	-53.6	-298.4	-	-	-38.1	-81.3	-39.1	-349.0
F-15 EPAWSS	2016	-39.1	-1,405.8	99.3	76.7	-	-	147.0	-31.6	-	-	25.3	-62.0	232.5	-1,422.7
F-22 Inc 3.2B Mod	2016	-	-	-	-	-	-	-45.5	-47.4	-	-	-1.7	-1.3	-47.2	-48.7
FAB-T - FET	2015	9.5	-70.7	-	4.6	-	-11.4	-15.4	-34.2	-	-	2.7	-55.2	-3.2	-166.9
FAB-T - CPT	2015	-	-0.2	10.5	27.4	42.3	66.6	-92.6	-119.0	-	-	21.6	53.3	-18.2	28.1
GPS III	2010	-	661.1	-	-	-	-	-8.1	-122.6	-	-	-151.9	238.1	-160.0	776.6
GPS IIIF	2018	-	-	-	-	-	-	-36.0	-36.0	-	-	-4.4	-4.4	-40.4	-40.4
HC/MC-130 Recap	2009	86.5	5,506.5	55.9	2.8	-17.8	261.8	-24.5	-2,159.3	-	-	-249.5	806.8	-149.4	4,418.6
ICBM Fuze Mod	2014	-	-	-	-	-	-	-26.0	3.6	-	-	-	-	-26.0	3.6
JASSM	2010	3,575.2	3,897.6	-89.5	-103.4	162.0	574.7	568.6	1,057.7	-	-	162.1	683.2	4,378.4	6,109.8
JDAM	1995	652.7	5,862.3	-92.0	-103.5	76.2	126.1	20.5	680.5	-	-	40.4	345.8	697.8	6,911.2
KC-46A	2016	-	-	529.9	597.0	-	-	-467.8	-648.1	-	-	-757.9	-952.8	-695.8	-1,003.9
MGUE Inc 1	2017	-	-	-	-	-	-	0.6	-86.2	-	-	-	-	0.6	-86.2
MQ-9 Reaper	2008	128.0	775.8	-0.2	120.8	-0.4	674.4	-320.5	-1,948.3	-	-	-257.5	681.7	-450.6	304.4
NSSL	2012	2,948.4	3,193.6	-	-9.2	-	-	-26.8	-10,213.5	-	-	-	-	2,921.6	-7,029.1
OCX	2017	-	-	-	-	-	205.7	162.5	2,446.6	-	-	-	-	162.5	2,652.3
SBIRS High	1995	-	-	-	-	-	-	-102.4	-244.5	-	-	1.4	-173.6	-101.0	-418.1
SDB II	2015	-	-	-	7.1	4.6	112.5	-34.0	21.0	-	-	23.4	47.5	-6.0	188.1
Space Fence Inc 1	2014	-	-	-	-	-	-	-32.2	-122.3	-	-	-	-	-32.2	-122.3
UH-1N Replacement	2018	-15.0	-15.0	-	-	-	-	-6.6	-6.6	-	-	-7.3	-7.3	-28.9	-28.9
WGS	2010	893.7	1,276.7	-	-	150.8	275.6	-542.6	-984.9	-	-	-	-0.2	501.9	567.2
Air Force Subtotal		8,275.6	29,263.9	694.0	1,559.2	760.4	3,681.7	-1,328.4	-13,070.4	-	-	-1,211.8	3,599.6	7,189.8	25,034.0
DoD:															
BMDS	2002	-	12.8	-371.6	-1,404.5	261.5	43,629.7	1,259.6	-221.8	-	-	-	-	1,149.5	42,016.2
Chem Demil-ACWA - PCAPP	2011	-	-	365.9	1,014.1	-	-	-88.7	23.2	-	-	-	-	277.2	1,037.3
Chem Demil-ACWA - BGCAPP	2011	-	-	-411.5	660.9	-	-	71.2	445.4	-	-	-	-	-340.3	1,106.3
F-35 - F-35 Engine	2012	-	150.3	-10.0	264.4	460.1	460.1	-61.1	630.8	-	-	247.3	-1,517.2	636.3	-11.6
F-35 - F-35 Aircraft	2012	-	817.9	-150.1	5,533.0	12,227.8	14,160.1	745.0	-6,452.9	-	-	1,900.2	-4,102.6	14,722.9	9,955.5
DoD Subtotal		-	981.0	-577.3	6,067.9	12,949.4	58,249.9	1,926.0	-5,575.3	-	-	2,147.5	-5,619.8	16,445.6	54,103.7

Grand Total		32,373.2	116,021.3	2,448.4	10,381.3	1,753.8	19,624.2	-4,000.8	-5,288.9	1,317.1	3,275.1	475.6	7,573.8	34,367.3	151,586.8
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Distribution of Cost Changes (Then-Year Dollars in Millions)

DEC 2018

Program	Cost Changes Between the Baseline and Current Estimate															
	Economic		Quantity		Schedule		Engineering		Estimating		Other		Support		Total	
	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date	This Qtr	To Date
Army Subtotal:																
AH-64E New Build	13.0	16.1	714.6	1,022.3	37.6	170.3	-	-	-335.5	-1,160.4	-	-	10.0	-154.4	439.7	-106.1
AH-64E Remanufacture	82.1	112.0	-	-	17.7	1.6	-	-	-50.1	3,293.6	-	-	26.9	-678.9	76.6	2,728.3
AMF JTRS	21.3	-70.2	-4,440.7	-7,074.9	-484.5	-217.3	-	12.3	3,142.3	459.0	-	-	-361.1	11.9	-2,122.7	-6,879.2
AMPV	131.3	-95.9	-	-	14.2	-120.8	-	-	-83.5	103.6	-	-	-45.3	-40.4	16.7	-153.5
CH-47F Block II	212.6	80.0	-	-	3,127.0	3,122.9	33.9	33.9	886.4	892.3	-	-	188.7	188.0	4,448.6	4,317.1
CIRCM	15.8	2.0	1,160.2	1,160.2	-40.5	-40.5	-	-	120.7	148.4	-	-	373.7	349.2	1,629.9	1,619.3
GMLRS/GMLRS AW	128.0	619.3	85.1	-3,470.1	-412.8	2,572.6	0.2	24.2	-867.1	4,082.5	-	-	-6.1	10.0	-1,072.7	3,838.5
HMS	80.1	17.9	-	-	135.0	1,333.2	-	-	9.2	-182.0	-	-	-40.1	211.3	184.2	1,380.4
IAMD	57.7	93.1	-	2,538.2	143.3	320.0	-	170.6	-802.6	-701.1	-	-	513.2	-509.9	-88.4	1,910.9
JAGM	40.1	-33.2	-	-	258.8	-23.6	391.5	391.5	967.8	822.6	-	-	-178.7	123.3	1,479.5	1,280.6
JLTV	260.7	-27.2	6.4	1,285.3	-159.8	2,204.6	-	-	-2,396.5	-2,428.0	-	-	-28.7	132.3	-2,317.9	1,167.0
M88A2 HERCULES	6.6	-12.5	-	-	-14.0	2.0	-	-	18.0	-86.6	-	-	4.6	128.4	15.2	31.3
MQ-1C Gray Eagle	10.6	36.6	-	723.0	-	-2.2	-	114.1	202.3	-538.6	-	-	20.8	258.7	233.7	591.6
PAC-3 MSE	65.8	-12.4	7,047.4	10,037.8	-336.1	-642.2	-	-	-1,588.1	-2,014.6	-	-	1,477.1	1,698.2	6,666.1	9,066.8
PIM	61.3	-89.3	1,042.8	1,193.9	49.4	46.4	-	-	928.5	1,176.5	-	-	-97.3	-189.7	1,984.7	2,137.8
UH-60M Black Hawk	119.1	-310.9	-	3,203.0	-45.5	1,393.9	-	655.1	201.0	1,143.2	-	-	102.6	893.6	377.2	6,977.9
WIN-T Inc 2	11.4	-151.4	-3.4	-628.2	-6.3	480.7	-263.1	-828.7	-6.4	84.7	-	-	-81.0	228.3	-348.8	-814.6
Subtotal	1,317.5	174.0	5,612.4	9,990.5	2,283.5	10,601.6	162.5	573.0	346.4	5,095.1	-	-	1,879.3	2,659.9	11,601.6	29,094.1
Navy Subtotal:																
AAG	9.8	4.1	320.1	320.1	-	-	-54.6	-54.6	-113.5	-104.9	-	-	-	-	161.8	164.7
ACV 1.1	13.7	-9.1	-	-	-0.3	-2.5	-	-23.6	164.1	30.2	-	-	-64.9	-24.3	112.6	-29.3
AGM-88E AARGM	12.6	-30.7	-	407.5	0.5	128.6	-	79.5	-21.8	182.5	-	-	18.4	37.7	9.7	805.1
AIM-9X Blk II	22.2	114.3	5,163.7	5,163.7	-818.9	-1,566.8	-7.6	300.8	-1,091.7	-1,834.2	-	-	148.4	48.5	3,416.1	2,226.3
AMDR	64.0	23.2	-	-	47.8	11.3	135.3	-135.7	-126.9	-112.1	-	-	126.4	123.9	246.6	-89.4
CEC	13.0	78.1	595.1	581.9	82.7	919.6	-137.4	248.1	-30.9	95.5	-	-	168.5	176.3	691.0	2,099.5

CH-53K	248.3	-39.1	-	-	405.7	363.4	-	-	-144.9	113.6	-	-	-144.5	-142.4	364.6	295.5
CVN 78 - CVN 78	524.8	6,784.1	-	12,544.3	-738.1	151.7	-	-81.2	-1,564.3	-1,367.5	-	-	2.2	38.8	-1,775.4	18,070.2
CVN 78 - EMALS	27.4	514.4	-	-267.2	-36.7	-36.7	-	-	-75.6	2,090.8	-	-	-	-	-84.9	2,301.3
DDG 1000	37.7	1,847.9	-	-19,092.9	-61.0	53.3	-	552.2	78.3	3,890.7	-	-	-	-	55.0	-12,748.8
DDG 51	687.0	-2,864.4	2,718.0	78,619.8	124.1	2,097.8	957.6	10,797.8	411.0	17,877.1	-	-	-	-	4,897.7	106,528.1
E-2D AHE	86.9	-31.2	-	-	64.8	1,774.8	641.7	2,333.6	-44.8	-1,533.5	-	-	-36.8	593.6	711.8	3,137.3
G/ATOR	17.5	-29.9	-	-	-	-3.4	-	115.9	-43.8	-5.6	-	-	23.3	126.8	-3.0	203.8
H-1 Upgrades	27.0	-231.0	188.2	-8.9	-7.9	-25.8	-	96.7	-23.3	453.8	-	-	9.2	6.5	193.2	291.3
IDECM	-1.8	-1.8	-	-	-0.7	-0.7	-	-	5.2	5.2	-	-58.2	-1.4	-1.4	1.3	-56.9
IRST	16.0	8.9	-23.3	-23.3	-	-	131.1	131.1	99.1	93.6	-	-	-118.2	-119.3	104.7	91.0
JPALS	7.6	2.5	-	-	-28.7	-25.4	-	-	-40.4	-44.9	-	-	-56.2	-55.2	-117.7	-123.0
KC-130J	55.2	153.3	845.4	845.4	-55.7	727.0	-	243.0	187.9	-729.4	-	-	99.9	-92.8	1,132.7	1,146.5
LCS	131.2	2,692.3	1,886.9	-15,096.4	61.0	1,168.9	95.5	1,680.5	-691.6	-5,175.6	-	-	-	-	1,483.0	-14,730.3
LCS MM	37.3	-132.3	-	-1,694.8	81.0	1,909.5	17.4	-2.4	-186.3	-1,100.2	-	-	169.8	169.8	119.2	-850.4
LHA 6	67.2	847.1	4,532.7	12,419.4	6.0	15.4	-	58.5	-700.0	-1,542.8	-	272.0	-	-	3,905.9	12,069.6
LPD 17	50.8	1,045.2	13,951.9	14,375.9	1,300.1	2,398.9	-	-	10,844.7	17,748.0	2,992.7	5,471.7	-	-1.5	29,140.2	41,038.2
MIDS	15.0	25.0	63.5	2,621.3	-14.4	-93.9	-1.9	562.8	124.0	231.1	-	-	-	24.6	186.2	3,370.9
MQ-25	-124.6	-124.6	-297.1	-297.1	1,289.5	1,289.5	-	-	-2,999.1	-3,159.9	-	-	70.6	70.5	-2,060.7	-2,221.6
MQ-4C Triton	115.0	65.6	-	-99.1	-29.8	-64.7	-	-	329.4	434.7	-	-	119.3	96.3	533.9	432.8
MQ-8 Fire Scout	7.6	8.3	85.4	176.1	-	-	109.9	109.9	-30.6	-54.7	-	-	12.9	18.4	185.2	258.0
NGJ Mid-Band	65.7	36.1	-	21.5	72.6	573.4	-	36.4	-118.5	-201.3	-	-	126.8	76.0	146.6	542.1
OASuW Inc 1 (LRASM)	8.5	-8.7	658.4	858.7	7.6	6.9	73.6	203.1	-8.8	-22.5	-	-	2.0	9.1	741.3	1,046.6
P-8A	94.1	285.6	-	-22.5	-75.3	427.3	-	1,013.8	53.4	-1,598.1	-	-	3.5	-17.8	75.7	88.3
SM-6	55.4	-77.4	2,452.0	5,071.6	90.4	286.0	-	-	9.7	-876.4	-	-	155.1	528.2	2,762.6	4,932.0
SSBN 826	1,165.3	696.9	-	-	-	-	-	-	-1,226.9	-2,135.8	-	-	-23.8	-9.7	-85.4	-1,448.6
SSC	73.5	210.4	-	-1.5	90.6	153.1	-	-	-83.0	335.4	-	-	-1.6	19.9	79.5	717.3
SSN 774	1,558.8	6,402.2	-	73,830.4	-1,342.0	-9,828.2	-628.1	6,351.2	-2,230.0	-9,104.9	-	-	-39.9	667.5	-2,681.2	68,318.2
T-AO 205 Class	157.4	66.0	2,137.4	2,137.4	-80.5	-365.8	-8.0	-8.0	416.4	361.9	-	-	-	-	2,622.7	2,191.5
Trident II Missile	45.6	-403.9	-	-6,719.1	-0.5	1,896.4	-	100.8	130.2	9,014.1	-	-	114.3	2,923.9	289.6	6,812.2
V-22	114.6	-472.7	280.6	575.2	55.5	2,222.7	1.5	1,409.6	-786.5	-1,536.8	-	-	-204.9	248.8	-539.2	2,446.8
VH-92A	33.1	-71.2	-	-	-	-	-	-	-68.2	-168.6	-	-	11.7	-10.4	-23.4	-250.2
Subtotal	5,540.4	17,383.5	35,558.9	167,247.4	489.4	6,561.6	1,326.0	26,119.8	402.0	20,548.5	2,992.7	5,685.5	690.1	5,530.3	46,999.5	249,076.6
Air Force Subtotal:																

AEHF	7.0	58.6	-	-	-	-	-	-	-31.9	-880.8	-	-	-	-24.9	-822.2	
AMRAAM	65.7	-274.2	-	1,437.1	43.3	2,956.6	-	1,185.7	-62.8	1,385.9	-	-	-28.5	494.9	17.7	7,186.0
APT	38.3	38.3	-	-	-	-	-	-	-29.3	-18.0	-	-	6.1	6.1	15.1	26.4
AWACS Blk 40/45 Upgrade	6.2	-4.0	-	-44.1	-	-25.0	-	-	30.1	1.7	-	-	-0.3	13.2	36.0	-58.2
B-2 DMS-M	15.4	10.8	-	-	-	-	363.0	363.0	-138.3	115.4	-	-	45.2	-121.8	285.3	367.4
B61 Mod 12 LEP TKA	2.6	-11.6	-	-	-	-68.2	-	-	-101.4	-236.6	-	-	-	-	-98.8	-316.4
C-130J	25.2	70.9	-	11,331.1	156.8	-489.4	-	202.2	-172.9	-99.3	-	-	-85.0	2,302.9	-75.9	13,318.4
CRH	81.3	-148.1	40.0	40.0	6.1	-152.4	20.9	20.9	-57.9	-334.9	-	-	-43.0	-129.2	47.4	-703.7
F-15 EPAWSS	25.4	17.9	-34.2	-1,762.6	84.7	120.3	-	-	162.4	-73.2	-	-	26.8	-68.0	265.1	-1,765.6
F-22 Inc 3.2B Mod	2.8	1.3	-	-	-	-	-	-	-48.7	-50.2	-	-	-1.8	-1.3	-47.7	-50.2
FAB-T - FET	15.0	3.6	16.8	-133.4	7.7	32.5	-	-14.1	-19.4	45.9	-	-	7.2	-55.2	27.3	-120.7
FAB-T - CPT	4.1	2.9	-	0.2	11.1	29.3	48.0	74.8	-102.8	-130.3	-	-	25.4	58.0	-14.2	34.9
GPS III	8.0	35.6	-	754.7	-	-	-	-	-13.4	-126.8	-	-	-190.9	281.2	-196.3	944.7
GPS IIIF	39.8	39.8	-	-	-	-	-	-	-34.6	-34.6	-	-	-5.2	-5.2	-	-
HC/MC-130 Recap	66.0	143.4	114.6	6,667.0	55.4	-100.4	-20.5	286.3	-31.7	-2,498.1	-	-	-312.8	984.7	-129.0	5,482.9
ICBM Fuze Mod	14.7	-19.8	-	-	-	-	-	-	-30.7	4.1	-	-	-	-	-16.0	-15.7
JASSM	34.8	111.4	4,722.1	5,143.8	-627.3	-814.7	211.4	758.6	749.0	1,587.3	-	-	208.0	881.0	5,298.0	7,667.4
JDAM	45.5	104.2	1,078.2	8,802.9	-185.8	-391.9	118.6	190.1	40.7	736.5	-	-	68.6	480.9	1,165.8	9,922.7
KC-46A	345.1	171.1	-	-	749.2	822.1	-	-	-478.9	-701.0	-	-	-831.6	-1,048.5	-216.2	-756.3
MGUE Inc 1	6.3	6.5	-	-	-	-	-	-	3.6	-91.1	-	-	-	-	9.9	-84.6
MQ-9 Reaper	58.0	125.5	176.1	957.4	-0.3	249.6	-0.5	894.0	-428.8	-2,311.9	-	-	-328.9	888.6	-524.4	803.2
NSSL	316.0	484.4	3,973.5	4,455.9	-	417.6	-	-	-179.9	-13,353.8	-	-	-	-	4,109.6	-7,995.9
OCX	31.5	-2.8	-	-	-	-	-	212.3	187.2	2,656.3	-	-	-	-	218.7	2,865.8
SBIRS High	16.0	63.7	-	-	-	-	-	-	-157.4	-354.9	-	-	2.5	-264.2	-138.9	-555.4
SDB II	31.1	6.7	-	-	1.0	-0.4	5.0	120.8	-35.7	30.3	-	-	25.2	53.6	26.6	211.0
Space Fence Inc 1	1.3	-12.7	-	-	-	-	-	-	-34.0	-126.6	-	-	-	-	-32.7	-139.3
UH-1N Replacement	14.4	14.4	-27.4	-27.4	-9.8	-9.8	-	-	-13.0	-13.0	-	-	-8.7	-8.7	-44.5	-44.5
WGS	0.3	23.4	1,058.0	1,464.7	-	-	178.5	324.6	-642.3	-1,135.1	-	-	-	-0.3	594.5	677.3
Air Force Subtotal	1,317.8	1,061.2	11,117.7	39,087.3	292.1	2,575.8	924.4	4,619.2	-1,672.8	-16,006.8	-	-	-1,421.7	4,742.7	10,557.5	36,079.4
DoD:																
BMDS	354.0	10.0	-	15.0	-532.8	-1,676.2	380.1	51,968.1	1,673.7	917.9	-	-	-	-	1,875.0	51,234.8
Chem Demil-ACWA - PCAPP	38.5	37.7	-	-	-509.1	862.1	-	-	83.5	492.4	-	-	-	-	-387.1	1,392.2
Chem Demil-ACWA - BGCAPP	26.2	-49.6	-	-	464.1	1,302.5	-	-	-103.2	72.2	-	-	-	-	387.1	1,325.1

F-35 - F-35 Engine	441.9	339.5	-	221.3	62.3	2,489.8	545.4	545.4	-32.1	475.9	-	-	279.2	-1,993.1	1,296.7	2,078.8
F-35 - F-35 Aircraft	2,480.4	2,120.0	-	1,204.0	-70.5	20,822.9	14,976.3	17,594.6	1,138.1	-6,828.1	-	-	2,430.7	-4,321.3	20,955.0	30,592.1
DoD Subtotal	3,341.0	2,457.6	-	1,440.3	-586.0	23,801.1	15,901.8	70,108.1	2,760.0	-4,869.7	-	-	2,709.9	-6,314.4	24,126.7	86,623.0
Grand Total	11,516.7	21,076.3	52,289.0	217,765.5	2,479.0	43,540.1	18,314.7	101,420.1	1,835.6	4,767.1	2,992.7	5,685.5	3,857.6	6,618.5	93,285.3	400,873.1

Program Acquisition Cost Summary (Dollars in Millions)

Dec-18

Program	Base Year	Baseline Type	Baseline Estimate			Changes To Date			Current Estimate			Total Quantity Variance		% Change To Date Adjusted for Qty	
			Base-Year Dollars	Then-Year Dollars	Quantity	Base-Year Dollars	Then-Year Dollars	Quantity	Base-Year Dollars	Then-Year Dollars	Quantity	BY QTY VAR	TY QTY VAR	Base-Year Dollars	Then-Year Dollars
Army:															
AH-64E New Build	2010	PdE	2,307.0	2,510.4	56	-230.6	-106.1	18	2,076.4	2,404.3	74	819.0	1022.3	-33.6	-31.9
AH-64E Remanufacture	2010	PdE	10,468.7	11,896.6	639	2,115.7	2,728.3	-	12,584.4	14,624.9	639	0.0	0.0	20.2	22.9
AMF JTRS	2008	DE	7,141.3	8,334.0	25,124	-5,718.1	-6,879.2	-25,124	1,423.2	1,454.8	-	-5358.4	-7074.9	-20.2	15.5
AMPV	2015	DE	10,724.8	13,944.8	2,936	87.8	-153.5	-	10,812.6	13,791.3	2,936	0.0	0.0	0.8	-1.1
CH-47F Block II	2017	DE	16,219.8	22,568.7	542	1,219.5	4,317.1	-	17,439.3	26,885.8	542	0.0	0.0	7.5	19.1
CIRCM	2018	DE/PdE	2,660.8	3,063.0	1,124	1,270.3	1,619.3	705	3,931.1	4,682.3	1,829	879.1	1160.2	11.1	10.9
GMLRS/GMLRS AW	2003	PdE	9,780.2	11,848.9	140,239	1,373.4	3,838.5	-42,768	11,153.6	15,687.4	97,471	-2467.2	-3470.1	52.5	87.2
HMS	2011	PdE	8,242.6	9,201.0	270,951	290.2	1,380.4	251	8,532.8	10,581.4	271,202	0.0	0.0	3.5	15.0
IAMD	2009	DE	4,856.6	5,791.6	296	1,276.2	1,910.9	183	6,132.8	7,702.5	479	1812.7	2538.2	-8.0	-7.5
JAGM	2018	DE/PdE	5,946.6	7,324.5	26,437	1,049.6	1,280.6	-	6,996.2	8,605.1	26,437	0.0	0.0	17.7	17.5
JLTV	2015	PdE	19,699.5	24,544.0	54,717	1,091.7	1,167.0	3,605	20,791.2	25,711.0	58,322	1079.8	1285.3	0.1	-0.5
M88A2 HERCULES	1997	PdE	2,359.1	2,985.6	938	35.3	31.3	-	2,394.4	3,016.9	938	0.0	0.0	1.5	1.0
MQ-1C Gray Eagle	2010	PdE	5,252.0	5,549.0	31	444.0	591.6	14	5,696.0	6,140.6	45	635.2	723.0	-3.2	-2.1
PAC-3 MSE	2014	PdE	6,037.0	6,722.3	1,057	7,111.1	9,066.8	2,043	13,148.1	15,789.1	3,100	7644.6	10037.8	-3.9	-5.8
PIM	2013	PdE	6,843.6	7,952.5	558	1,562.9	2,137.8	133	8,406.5	10,090.3	691	858.5	1193.9	9.1	10.3
UH-60M Black Hawk	2005	PdE	16,801.7	20,847.1	1,235	5,352.3	6,977.9	135	22,154.0	27,825.0	1,370	2272.3	3203.0	16.1	15.7
WIN-T Inc 2	2010	PdE	4,686.0	4,996.9	2,216	-825.9	-814.6	-595	3,860.1	4,182.3	1,621	-333.8	-628.2	-11.3	-4.3
Subtotal			140,027.3	170,080.9		17,505.4	29,094.1		157,532.7	199,175.0		7841.8	9990.5	6.5	10.6
Navy:															
AAG	2017	DE	2,227.8	2,253.4	3	133.5	164.7	1	2,361.3	2,418.1	4	273.8	320.1	-5.6	-6.0
ACV 1.1	2014	DE/PdE	1,826.9	2,031.8	240	-11.3	-29.3	-	1,815.6	2,002.5	240	0.0	0.0	-0.6	-1.4
AGM-88E AARGM	2003	PdE	1,528.5	1,861.4	1,919	574.3	805.1	556	2,102.8	2,666.5	2,475	274.7	407.5	16.6	17.5
AIM-9X Bik II	2011	PdE	3,967.3	4,856.1	6,000	1,577.4	2,226.3	5,635	5,544.7	7,082.4	11,635	3564.6	5163.7	-26.4	-29.3
AMDR	2013	PdE	5,293.5	6,163.7	22	-74.2	-89.4	-	5,219.3	6,074.3	22	0.0	0.0	-1.4	-1.5
CEC	2002	PdE	4,123.3	4,310.7	272	1,270.8	2,099.5	89	5,394.1	6,410.2	361	247.7	581.9	23.4	31.0
CH-53K	2017	PdE	27,705.8	31,234.3	200	240.1	295.5	-	27,945.9	31,529.8	200	0.0	0.0	0.9	0.9
CVN 78 - CVN 78	2000	DE	27,725.6	34,900.4	3	4,034.1	18,070.2	1	31,759.7	52,970.6	4	6091.1	12544.3	-6.1	11.6
CVN 78 - EMALS	2000	DE	975.6	1,181.7	3	1,283.4	2,301.3	1	2,259.0	3,483.0	4	-136.1	-267.2	169.1	280.9
DDG 1000	2005	DE	31,547.9	36,296.3	10	-11,635.8	-12,748.8	-7	19,912.1	23,547.5	3	-14646.0	-19092.9	17.8	36.9
DDG 51	1987	PdE	16,953.7	20,117.5	23	57,334.8	106,528.1	74	74,288.5	126,645.6	97	42514.6	78619.8	24.9	28.3
E-2D AHE	2009	PdE	17,468.6	19,031.4	75	2,279.7	3,137.3	-	19,748.3	22,168.7	75	0.0	0.0	13.1	16.5
G/ATOR	2012	PdE	2,615.3	2,917.9	45	173.1	203.8	-	2,788.4	3,121.7	45	0.0	0.0	6.6	7.0
H-1 Upgrades	2008	PdE	11,203.4	12,186.8	353	438.8	291.3	-	11,642.2	12,478.1	353	-5.6	-8.9	4.0	2.5
IDECM	2018	PdE	1,305.2	1,332.9	324	-48.1	-56.9	-	1,257.1	1,276.0	324	0.0	0.0	-3.7	-4.3

IRST	2008	PdE	1,914.6	2,347.1	179	64.2	91.0	-6	1,978.8	2,438.1	173	-19.0	-23.3	4.4	4.9
JPALS	2016	DE	1,827.1	1,860.1	33	-101.0	-123.0	-	1,726.1	1,737.1	33	1.4	0.0	-5.6	-6.6
KC-130J	2010	PdE	9,233.9	9,881.8	104	405.2	1,146.5	7	9,639.1	11,028.3	111	612.9	845.4	-2.1	2.8
LCS	2010	DE	32,011.0	37,438.8	55	-12,490.5	-14,730.3	-20	19,520.5	22,708.5	35	-10492.6	-15096.4	-9.3	1.6
LCS MM	2010	DE	6,379.5	7,448.3	64	-753.6	-850.4	-15	5,625.9	6,597.9	49	-1248.9	-1694.8	9.7	14.7
LHA 6	2006	DE	2,877.4	3,093.5	1	8,014.9	12,069.6	3	10,892.3	15,163.1	4	8827.3	12419.4	-6.9	-2.3
LPD 17	1996	DE	9,018.1	10,761.8	12	20,068.3	41,038.2	14	29,086.4	51,800.0	26	5830.8	14375.9	95.9	106.1
MIDS	2003	PdE	1,824.8	1,818.9	2,964	2,530.8	3,370.9	6,845	4,355.6	5,189.8	9,809	1941.3	2621.3	15.7	16.9
MQ-25	2018	DE	12,618.3	15,369.4	76	-1,916.6	-2,221.6	-	10,701.7	13,147.8	76	-199.3	-297.1	-13.8	-12.8
MQ-4C Triton	2016	PdE	15,064.3	17,027.1	70	330.6	432.8	-	15,394.9	17,459.9	70	-69.3	-99.1	2.7	3.1
MQ-8 Fire Scout	2017	PdE	2,949.1	2,822.2	60	217.4	258.0	8	3,166.5	3,080.2	68	167.9	176.1	1.6	2.7
NGJ Mid-Band	2016	DE	7,463.7	8,430.9	135	262.2	542.1	-	7,725.9	8,973.0	135	33.5	21.5	3.1	6.2
OASuW Inc 1 (LRASM)	2014	DE	1,467.3	1,565.7	124	904.1	1,046.6	266	2,371.4	2,612.3	390	728.9	858.7	8.0	7.8
P-8A	2010	PdE	32,345.9	34,500.7	122	-541.0	88.3	-	31,804.9	34,589.0	122	8.8	-22.5	-1.7	0.3
SM-6	2004	PdE	5,281.1	6,597.2	1,200	2,978.3	4,932.0	1,131	8,259.4	11,529.2	2,331	3285.8	5071.6	-3.6	-1.2
SSBN 826	2017	DE	100,221.9	128,238.0	12	-1,302.2	-1,448.6	-	98,919.7	126,789.4	12	0.0	0.0	-1.3	-1.1
SSC	2011	DE/PdE	3,925.6	4,731.1	73	239.7	717.3	-	4,165.3	5,448.4	73	-4.0	-1.5	6.2	15.2
SSN 774	1995	PdE	64,353.6	93,207.3	30	28,524.1	68,318.2	18	92,877.7	161,525.5	48	33418.9	73830.4	-5.0	-3.3
T-AO 205 Class	2016	PdE	8,543.5	10,731.6	17	1,740.2	2,191.5	3	10,283.7	12,923.1	20	1462.8	2137.4	2.8	0.4
Trident II Missile	1983	PdE	26,556.3	35,518.5	845	1,376.3	6,812.2	-284	27,932.6	42,330.7	561	-3970.8	-6719.1	23.7	47.0
V-22	2005	PdE	50,250.4	53,253.4	458	1,122.0	2,446.8	6	51,372.4	55,700.2	464	420.4	575.2	1.4	3.5
VH-92A	2014	DE	4,649.7	5,184.7	23	-196.6	-250.2	-	4,453.1	4,934.5	23	0.0	0.0	-4.2	-4.8
Subtotal			557,245.5	672,504.4		109,047.4	249,076.6		666,292.9	921,581.0		78915.6	167247.4	4.7	9.7
Air Force:															
AEHF	2002	PdE	2,715.1	3,488.2	2	-658.7	-822.2	-	2,056.4	2,666.0	2	0.0	0.0	-24.3	-23.6
AMRAAM	1992	PdE	12,278.2	13,112.4	15,450	4,005.9	7,186.0	1,862	16,284.1	20,298.4	17,312	879.0	1437.1	23.8	39.5
APT	2018	DE	8,075.4	9,911.3	351	-6.3	26.4	-	8,069.1	9,937.7	351	0.0	0.0	-0.1	0.3
AWACS Bk 40/45 Upgrade	2012	PdE	2,822.4	2,807.6	31	-69.3	-58.2	-	2,753.1	2,749.4	31	-37.9	-44.1	-1.1	-0.5
B-2 DMS-M	2016	DE	2,556.2	2,684.5	20	295.3	367.4	-	2,851.5	3,051.9	20	0.0	0.0	11.6	13.7
B61 Mod 12 LEP TKA	2019	DE/PdE	1,472.7	1,451.8	890	-321.2	-316.4	-	1,151.5	1,135.4	890	0.0	0.0	-21.8	-21.8
C-130J	1996	PdE	730.7	839.7	11	10,544.6	13,318.4	159	11,275.3	14,158.1	170	8705.2	11331.1	19.5	16.3
CRH	2014	DE	8,090.9	9,856.2	112	-349.0	-703.7	1	7,741.9	9,152.5	113	35.7	40.0	-4.7	-7.5
F-15 EPAWSS	2016	DE	4,251.5	5,025.5	413	-1,422.7	-1,765.6	-192	2,828.8	3,259.9	221	-1405.8	-1762.6	-0.6	-0.1
F-22 Inc 3.2B Mod	2016	PdE	1,482.8	1,460.9	152	-48.7	-50.2	-	1,434.1	1,410.7	152	0.0	0.0	-3.3	-3.4
FAB-T - FET	2015	DE	2,799.1	2,915.5	158	-166.9	-120.7	-14	2,632.2	2,794.8	144	-70.7	-133.4	-3.5	0.5
FAB-T - CPT	2015	PdE	1,743.0	1,698.1	109	28.1	34.9	-	1,771.1	1,733.0	109	-0.2	0.2	1.6	2.0
GPS III	2010	PdE	4,142.9	4,269.8	8	776.6	944.7	2	4,919.5	5,214.5	10	661.1	754.7	2.4	3.8
GPS IIIF	2018	DE	9,273.8	10,771.5	22	-40.4	-	-	9,233.4	10,771.5	22	0.0	0.0	-0.4	0.0
HC/MC-130 Recap	2009	PdE	8,078.1	8,745.3	74	4,418.6	5,482.9	60	12,496.7	14,228.2	134	5506.5	6667.0	-8.0	-7.7
ICBM Fuze Mod	2014	DE	1,814.8	2,075.7	781	3.6	-15.7	-	1,818.4	2,060.0	781	0.0	0.0	0.2	-0.8
JASSM	2010	PdE	2,195.0	2,301.4	2,507	6,109.8	7,667.4	4,724	8,304.8	9,968.8	7,231	3897.6	5143.8	36.3	33.9

JDAM	1995	PdE	2,300.3	2,606.7	89,065	6,911.2	9,922.7	381,591	9,211.5	12,529.4	470,656	5862.3	8802.9	12.9	9.8
KC-46A	2016	PdE	39,529.1	44,358.5	179	-1,003.9	-756.3	-	38,525.2	43,602.2	179	0.0	0.0	-2.5	-1.7
MGUE Inc 1	2017	DE	1,505.7	1,531.2	-	-86.2	-84.6	-	1,419.5	1,446.6	-	0.0	0.0	-5.7	-5.5
MQ-9 Reaper	2008	PdE	10,751.3	11,834.8	391	304.4	803.2	42	11,055.7	12,638.0	433	775.8	957.4	-4.1	-1.2
NSSL	2012	PdE	61,443.4	69,329.4	152	-7,029.1	-7,995.9	28	54,414.3	61,333.5	180	3193.6	4455.9	-15.8	-16.9
OCX	2017	DE	3,591.8	3,413.0	1	2,652.3	2,865.8	-	6,244.1	6,278.8	1	0.0	0.0	73.8	84.0
SBIRS High	1995	PdE	2,681.6	3,865.4	2	-418.1	-555.4	-	2,263.5	3,310.0	2	0.0	0.0	-15.6	-14.4
SDB II	2015	PdE	4,054.9	4,440.9	17,163	188.1	211.0	-	4,243.0	4,651.9	17,163	0.0	0.0	4.6	4.8
Space Fence Inc 1	2014	DE	1,567.7	1,594.2	1	-122.3	-139.3	-	1,445.4	1,454.9	1	0.0	0.0	-7.8	-8.7
UH-1N Replacement	2018	DE	3,308.8	3,869.5	84	-28.9	-44.5	-	3,279.9	3,825.0	84	-15.0	-27.4	-0.4	-0.4
WGS	2010	PdE	3,610.6	3,539.7	7	567.2	677.3	2	4,177.8	4,217.0	9	1276.7	1464.7	-14.5	-15.7
Subtotal			208,867.8	233,798.7		25,034.0	36,079.4		233,901.8	269,878.1		29263.9	39087.3	-1.8	-1.1
DoD:															
BMDS	2002	PE/ERRO	111,575.0	139,315.9	-	42,016.2	51,234.8	-	153,591.2	190,550.7	-	12.8	15.0	37.6	36.8
Chem Demil-ACWA - PCAPP	2011	DE	4,703.2	4,946.3	2,613	1,037.3	1,325.1	-	5,740.5	6,271.4	2,613	0.0	0.0	21.0	26.8
Chem Demil-ACWA - BGCAPP	2011	DE	5,277.6	5,670.8	523	1,106.3	1,392.2	-	6,383.9	7,063.0	523	0.0	0.0	22.1	24.6
F-35 - F-35 Engine	2012	DE	54,028.1	63,856.6	2,457	-11.6	2,078.8	13	54,016.5	65,935.4	2,470	150.3	221.3	-0.3	2.9
F-35 - F-35 Aircraft	2012	DE	276,483.0	331,855.2	2,457	9,955.5	30,592.1	13	286,438.5	362,447.3	2,470	817.9	1204.0	3.3	8.8
Subtotal			452,066.9	545,644.8		54,103.7	86,623.0		506,170.6	632,267.8		981.0	1440.3	11.7	15.6
Grand Total			1,358,207.5	1,622,028.8		205,690.5	400,873.1		1,563,898.0	2,022,901.9		117,002.3	217,765.5	6.0	10.0

Program Funding Status (TY \$ in Millions)

DEC 2018

Program	Prior Years	FY 2020	FY 2021	Balance of Program	Total
Army					
AH-64E New Build	2,404.3	-	-	-	2,404.3
AH-64E Remanufacture	9,623.8	1,015.5	980.5	3,005.1	14,624.9
AMF JTRS	1,454.8	-	-	-	1,454.8
AMPV	2,077.9	587.9	719.3	10,406.2	13,791.3
CH-47F Block II	1,000.2	368.6	236.3	25,280.7	26,885.8
CIRCM	699.4	204.1	262.8	3,516.0	4,682.3
GMLRS/GMLRS AW	6,460.2	1,370.2	1,296.5	6,560.5	15,687.4
HMS	3,054.8	509.5	542.5	6,474.6	10,581.4
IAMD	2,831.6	243.2	390.4	4,237.3	7,702.5
JAGM	1,581.8	355.7	288.1	6,379.5	8,605.1
JLTV	4,922.8	1,569.6	1,594.0	17,624.6	25,711.0
M88A2 HERCULES	2,856.8	80.1	-	80.0	3,016.9
MQ-1C Gray Eagle	6,086.0	54.1	0.1	0.4	6,140.6
PAC-3 MSE	5,956.3	739.8	800.6	8,292.4	15,789.1
PIM	3,838.3	555.4	508.8	5,187.8	10,090.3
UH-60M Black Hawk	19,668.8	1,506.5	848.1	5,801.6	27,825.0
WIN-T Inc 2	4,066.5	49.5	66.3	-	4,182.3
Army Subtotal:	78,584.3	9,209.7	8,534.3	102,846.7	199,175.0
Navy					
AAG	1,858.7	184.5	100.8	274.1	2,418.1
ACV 1.1	1,125.8	368.3	508.4	-	2,002.5
AGM-88E AARGM	1,923.5	187.4	192.6	363.0	2,666.5
AIM-9X Bik II	2,274.7	313.3	322.4	4,172.0	7,082.4
AMDR	2,957.4	553.0	439.7	2,124.2	6,074.3
CEC	4,851.4	201.5	207.8	1,149.5	6,410.2
CH-53K	9,174.8	1,638.5	1,990.6	18,725.9	31,529.8
CVN 78 - CVN 78	32,198.8	2,481.1	2,738.4	15,552.3	52,970.6
CVN 78 - EMALS	2,668.2	133.3	80.4	601.1	3,483.0
DDG 1000	22,761.9	340.2	185.8	259.6	23,547.5
DDG 51	96,778.3	5,640.1	3,762.0	20,465.2	126,645.6
E-2D AHE	16,549.7	1,174.4	1,128.3	3,316.3	22,168.7
G/ATOR	1,903.8	310.1	308.6	599.2	3,121.7
H-1 Upgrades	12,385.7	62.0	7.4	23.0	12,478.1
IDECM	861.8	72.5	67.9	273.8	1,276.0
IRST	1,085.4	219.8	280.5	852.4	2,438.1
JPALS	1,297.8	166.3	155.8	117.2	1,737.1
KC-130J	5,234.8	309.0	448.4	5,036.1	11,028.3
LCS	21,419.8	238.7	231.0	819.0	22,708.5
LCS MM	3,309.4	421.2	377.2	2,490.1	6,597.9
LHA 6	11,206.0	13.9	13.6	3,929.6	15,163.1
LPD 17	24,791.3	278.3	1,685.3	25,045.1	51,800.0

Program Funding Status (TY \$ in Millions)

MIDS	4,198.2	300.3	235.0	456.3	5,189.8
MQ-25	712.5	599.0	237.0	11,599.3	13,147.8
MQ-4C Triton	7,740.2	907.3	680.8	8,131.6	17,459.9
MQ-8 Fire Scout	2,553.5	74.7	70.2	381.8	3,080.2
NGJ Mid-Band	2,856.1	530.5	610.6	4,975.8	8,973.0
OASuW Inc 1 (LRASM)	1,762.7	208.6	184.4	456.6	2,612.3
P-8A	32,596.5	1,383.9	225.5	383.1	34,589.0
SM-6	4,901.1	515.2	550.9	5,562.0	11,529.2
SSBN 826	14,582.9	2,295.4	4,335.3	105,575.8	126,789.4
SSC	2,129.1	17.5	313.9	2,987.9	5,448.4
SSN 774	91,855.6	10,225.1	6,499.3	52,945.5	161,525.5
T-AO 205 Class	2,424.5	1,081.3	563.8	8,853.5	12,923.1
Trident II Missile	39,747.6	721.3	628.2	1,233.6	42,330.7
V-22	49,663.3	1,314.2	1,143.3	3,579.4	55,700.2
VH-92A	2,875.0	933.4	870.7	255.4	4,934.5
Navy Subtotal:	539,217.8	36,415.1	32,381.8	313,566.3	921,581.0
Air Force					
AEHF	2,616.9	31.9	17.2	-	2,666.0
AMRAAM	15,205.8	569.7	828.7	3,694.2	20,298.4
APT	350.6	380.1	279.7	8,927.3	9,937.7
AWACS Blk 40/45 Upgrade	2,624.8	36.0	46.1	42.5	2,749.4
B-2 DMS-M	1,660.6	294.4	493.1	603.8	3,051.9
B61 Mod 12 LEP TKA	978.8	108.4	45.4	2.8	1,135.4
C-130J	14,002.9	13.5	53.6	88.1	14,158.1
CRH	2,347.5	1,146.7	1,057.6	4,600.7	9,152.5
F-15 EPAWSS	1,021.9	285.0	285.3	1,667.7	3,259.9
F-22 Inc 3.2B Mod	1,384.5	20.2	6.0	-	1,410.7
FAB-T - CPT	1,633.1	57.8	27.1	15.0	1,733.0
FAB-T - FET	1,241.3	115.5	166.8	1,271.2	2,794.8
GPS III	5,034.5	55.5	27.2	97.3	5,214.5
GPS IIIIF	629.1	877.5	907.9	8,357.0	10,771.5
HC/MC-130 Recap	11,945.9	948.1	448.3	885.9	14,228.2
ICBM Fuze Mod	950.9	180.7	178.6	749.8	2,060.0
JASSM	4,443.2	582.3	454.1	4,489.2	9,968.8
JDAM	10,087.4	1,148.9	348.2	944.9	12,529.4
KC-46A	18,910.2	2,299.9	3,528.2	18,863.9	43,602.2
MGUE Inc 1	1,216.8	142.6	76.3	10.9	1,446.6
MQ-9 Reaper	10,067.2	638.8	614.5	1,317.5	12,638.0
NSSL	32,832.1	2,412.3	2,482.4	23,606.7	61,333.5
OCX	4,522.8	445.3	487.4	823.3	6,278.8
SBIRS High	3,076.8	128.1	105.1	-	3,310.0
SDB II	2,063.2	408.0	524.2	1,656.5	4,651.9
Space Fence Inc 1	1,454.9	-	-	-	1,454.9
UH-1N Replacement	579.3	217.0	296.5	2,732.2	3,825.0
WGS	4,217.0	-	-	-	4,217.0
Air Force Subtotal:	157,100.0	13,544.2	13,785.5	85,448.4	269,878.1

Program Funding Status (TY \$ in Millions)

DoD					
BMDS	148,030.3	8,908.9	8,720.5	24,891.0	190,550.7
Chem Demil-ACWA - Blue Grass (BGCAPP)	4,531.8	451.7	402.4	1,677.1	7,063.0
Chem Demil-ACWA - Pueblo (PCAPP)	4,228.5	417.7	378.7	1,246.5	6,271.4
F-35 - F-35 Aircraft	124,865.9	11,310.6	11,341.9	214,928.9	362,447.3
F-35 - F-35 Engine	25,984.0	1,736.8	1,854.7	36,359.9	65,935.4
DoD Subtotal:	307,640.5	22,825.7	22,698.2	279,103.4	632,267.8
Grand Total	1,082,542.6	81,994.7	77,399.8	780,964.8	2,022,901.9