

**US Department of Defense  
FISCAL YEAR 2021 BUDGET REQUEST  
Irreversible Implementation of the National Defense Strategy**



**Office of the Under Secretary of Defense (Comptroller/CFO)  
February 2020**

# National Defense Strategy

- **Guides DoD to support the National Security Strategy in order to:**
  - Defend the homeland
  - Remain the preeminent military power in the world
  - Ensure the balances of power in key regions remain in our favor
  - Advance an international order that is most conducive to security and prosperity
- **Prioritizes DoD investments to compete, deter, and win**
- **Sustains American influence through three lines of effort:**
  - Build a more lethal, resilient, agile, and ready joint force
  - Strengthen alliances and attract new partners
  - Reform for greater performance and affordability

*Renewing emphasis on taking care of our Service members and families.*



# Aligning to NDS for Great Power Competition

- **FY 2017 - FY 2018 – Readiness and Recovery**
  - Additional appropriations for near-term readiness, “must-pay” bills, and force structure gaps
- **FY 2019 - FY 2020 – Modernization and Lethality**
  - Key down payments on lethality, turning to great power competition, and continuing full spectrum readiness
  - Priority on innovation and modernization to strengthen competitive advantage across all warfighting domains
- **FY 2021 – All Domain Operations**
  - Continues to strengthen military readiness and invest in the modernization of a more lethal force
  - Focuses on joint enablers and dominance across **all domains**: Air, Land, Sea, Space, and Cyber
  - Prioritizes nuclear deterrence recapitalization and strengthens homeland missile defense
  - Advances development of critical technologies

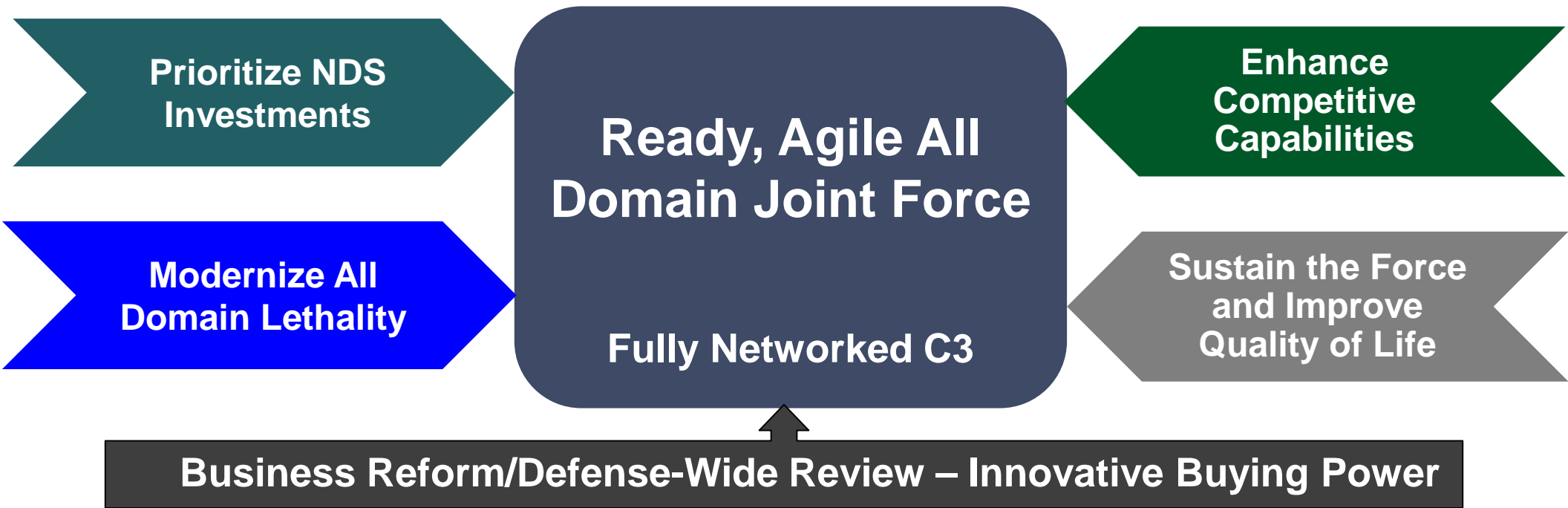
# FY 2021 National Defense Budget Request

(\$ in billions)

- **DoD – Total** **\$705.4**
  - Base 636.4
  - Overseas Contingency Operations (OCO) for Base 16.0
  - Overseas Contingency Operations (OCO) 53.0
- **Department of Energy & Other Agencies** **\$35.1**
- **National Defense – Total** **\$740.5**
- FY 2021 DoD budget request is relatively flat with no real growth compared to FY 2020 enacted appropriation (without emergency disaster relief)

**Sustainable, predictable, adequate, and timely budgets necessary for long-term competition**

# FY 2021 Budget Themes



- **Institutionalize alignment of resources to the NDS to strengthen our competitive focus for long-term security**
  - Reform and innovate to align efforts to highest NDS priorities
  - Fully network Command, Control, and Communications (C3) to “Command and Control” forces and operations in all domains
  - Dynamically employ the force – strategically predictable, operationally unpredictable
  - Leverage American innovation in space, cyber, hypersonics, and artificial intelligence to compete, deter, and win
  - Deepen interoperability and attract new partners

**Compete, Deter, Win**

# NDS Investments – Nuclear Modernization and Homeland Defense

- **\$28.9 billion for Nuclear Modernization**
  - Little schedule margin between legacy system end of life and replacement systems
    - Ground-Based Strategic Deterrent, B-21 Bomber, Long-Range Stand Off Weapon, Columbia class submarine, missile warning
    - \$7 billion for Nuclear Command, Control, and Communications (NC3) – assured, resilient connectivity
- **\$20.3 billion for Missile Defeat and Defense**
  - Layered defense of the homeland, deployed forces, allies, and partners
  - Ground-Based Missile Defense, Terminal High Altitude Area Defense, Advanced Technology Missile Defense
  - Aegis BMD and SM-3 Block IIA
  - Hypersonic Defense
  - Next Generation Interceptor

*Modernizing the nation's nuclear delivery and command, control, and communications systems is the Department's number one priority*



**Prioritizes Nuclear deterrence recapitalization and strengthens homeland missile defense**

# Space Domain

- **\$18.0 billion commitment to the space domain strengthening our resilience, deterrence, and warfighting options in space**
  - U.S. Space Force – Expeditiously building the 6<sup>th</sup> branch of the Armed Forces
  - U.S. Space Command – Established as unified combatant command August 2019
  - Space Development Agency – Unifying and integrating space capability development and deployment across the Department

**Provide singular focus to maintain competitive advantage in space**



**Prepare for a complex, unpredictable, and multi-domain security environment**

# Cyberspace Domain

## Key pillars of DoD's Digital Modernization effort:

- Artificial Intelligence
- Cloud
- Command, Control, and Communications (C3)
- Cybersecurity and cyberspace operations



## \$9.8 billion committed to cyberspace activities

- Technology capabilities underpin nearly every aspect of modern defense and warfighting strategies and objectives
- Increases investments in both offensive and defensive cyberspace capabilities to boost resiliency and lethality against adversaries
- Increases cyber capabilities in Cross Domain Solutions, Next-Generation Encryption, and Network Modernizations



**Superiority in the physical domains depends on superiority in Cyberspace**



# Modernize All Domains

- **Maritime Domain: \$32.3 billion**
  - Increase strike options including unmanned
  - Invest in larger and more lethal distributed battle force fleet
  - Impose cost with distributed, lethal and sustainable Naval Expeditionary Forces
- **Air Domain: \$56.9 billion**
  - 5th generation aircraft
  - 4th generation aircraft capacity – modernize the most effective systems and divest legacy
- **Land Domain: \$13.0 billion**
  - Next-generation combat & tactical vehicles, future vertical lift
  - Enhance close combat lethality
- **Domain Multipliers:**
  - Joint All Domain Command and Control (JADC2)
  - Unmanned Systems
  - Special Operations – directed energy weapons and undersea capabilities



Investing in capability for great power competition

# Advanced Capability Enablers

- **Hypersonics: \$3.2 billion**
  - Accelerates development of Army Long Range Hypersonic Weapon (LRHW); increases funding for Navy Conventional Prompt Strike (CPS), and Air Force Advanced Rapid Response Weapon (ARRW)
- **Microelectronics/5G: \$1.5 billion**
  - Continues addressing trusted and assured supply of commercial microelectronics
  - Hastens adoption of “ubiquitous connectivity,” sharing more data at greater network bandwidth
- **Autonomy: \$1.7 billion**
  - Enhances speed of maneuver and lethality in contested environments; develops human/machine teaming
- **Artificial Intelligence (AI): \$0.8 billion**
  - Continues AI pathfinders: Joint Artificial Intelligence Center (JAIC) and Project Maven
- **Spectrum of Manned to Full Autonomous Capabilities**



FY 2021 largest RDT&E request ... ever

# Maximize Force Readiness

- **Robustly funds readiness across Services and USSOCOM (\$125.1 billion)**
  - Army (\$30.9 billion): Funds force sustainment, training including increasing the scale of the Defender Series exercises, and Dynamic Force Employment
  - Navy and Marine Corps (\$47.5 billion): Maintains and expands the readiness recovery of the Fleet
  - Air Force (\$37.1 billion): Funds core readiness programs such as depot maintenance, contractor logistics support, flying hours to build a more lethal and ready force
  - USSOCOM (\$9.5 billion): Continues funding for readiness to recapitalize SOF capacity
- **Modernize and divest legacy platforms to improve force readiness**
- **Implement operational reforms to enhance readiness**
  - Directed Readiness
  - Dynamic Force Employment
  - Immediate Response Force; Contingency Response Force



**FY 2021 budget continues to enhance readiness to prepare for future threats**

# Support Service Members and Their Families

## Competitive Compensation Package:

- Includes 3.0% military pay raise
- Sustains family support initiatives – invests over \$8 billion
  - Professional development and education opportunities for Service members and military spouses
  - Quality, affordable child development programs for over 160K children and youth programs serving over 1 million family members
  - DoD Dependent Schools educating over 77K students
  - Funds the repeal of the Survivor Benefit Plan/Dependency and Indemnity Compensation offset



**Strengthening the backbone of America's national security...giving them the resources to thrive**

# Facilities Investment

- **Continue to restore, sustain, replace, and build critical facilities**
  - Realigns and focuses funding on critical and executable facilities projects to improve financial performance and accountability
  - Invests in facility maintenance and improvements to provide capable infrastructure to support operational and training readiness
  - Commits to providing safe and quality residences to Service Members and their families by increasing oversight of military housing operations
  - Continues investment for disaster recovery efforts by funding additional facility projects at installations impacted by severe weather events and natural disasters



**Improving facilities for today's families and tomorrow's fight**

# FY 2021 PB - Military End Strength

Military Component	FY 2019 <sup>1/</sup>	FY 2020 <sup>2/</sup>	FY 2021	FY 2025	Δ FY20-21	Δ FY20-25
<b>Active Components (AC)</b>						
Army	483,941	485,000	485,900	490,500	900	5,500
Navy	336,985	342,469	347,800	349,100	5,331	6,631
Marine Corps	186,009	184,692	184,100	184,100	-592	-592
Air Force	332,101	333,822	327,266	329,257	-6,556	-4,565
Space Force <sup>3/</sup>	-	38	6,434	8,143	6,434	8,143
<b>TOTAL AC</b>	<b>1,339,036</b>	<b>1,345,983</b>	<b>1,351,500</b>	<b>1,361,100</b>	<b>5,517</b>	<b>15,117</b>
<b>Reserve Components (RC)</b>						
Army Reserve	190,719	189,500	189,800	190,800	300	1,300
Navy Reserve	59,658	60,161	58,800	58,000	-1,361	-2,161
Marine Corps Reserve	38,389	38,455	38,500	38,500	45	45
Air Force Reserve	69,389	70,100	70,300	70,300	200	200
Army National Guard	335,973	336,000	336,500	338,500	500	2,500
Air National Guard	107,197	107,700	108,100	110,100	400	2,400
<b>TOTAL RC</b>	<b>801,325</b>	<b>801,916</b>	<b>802,000</b>	<b>806,200</b>	<b>84</b>	<b>4,284</b>
Army AC + RC	1,010,633	1,010,500	1,012,200	1,019,800	1,700	9,300
Navy AC + RC	396,643	402,630	406,600	407,100	3,970	4,470
Marine Corps AC + RC	224,398	223,147	222,600	222,600	-547	-547
Air Force AC + RC	508,687	511,622	505,666	509,657	-5,956	-1,965
Space Force AC + RC	-	38	6,434	8,143	6,434	8,143
<b>TOTAL AC + RC</b>	<b>2,140,361</b>	<b>2,147,899</b>	<b>2,153,500</b>	<b>2,167,300</b>	<b>5,601</b>	<b>19,401</b>

1/ FY 2019 Actuals

2/ FY 2020 Projected. FY 2020 NDAA (P.L. 115-232 Authorized Army (Active 480.0K); Navy (Active 340.5K, Reserve 59.0K); MC (Active 186.2K, Reserve 38.5K); AF (Active 332.8K)

3/ FY 2020 Space Force end strength included in Service numbers (non-add)

**Capacity & Lethality – 19.4K increase by FY 2025**

# Major Investments in the FY 2021 Budget

## (Base + OCO)

	FY 2020 Request		FY 2020 Enacted		FY 2021 Request	
	Qty	\$B	Qty	\$B	Qty	\$B
<b>Nuclear Deterrence</b>						
B-21 Long Range Strike Bomber (Air Force)	-	\$3.0	-	\$3.0	-	\$2.8
COLUMBIA Class Ballistic Missile Submarine	-	\$2.2	-	\$2.4	1	\$4.4
Long-Range Stand-Off (LRSO) Missile (Air Force)	-	\$0.7	-	\$0.7	-	\$0.5
Ground Based Strategic Deterrent (GBSD) (Air Force)	-	\$0.6	-	\$0.6	-	\$1.5
<b>Missile Defeat and Defense Programs</b>						
Sea-Based Interceptors (SM-3 IIA and IB)	37	\$0.7	37	\$0.7	40	\$0.6
AEGIS Ballistic Missile Defense System	-	\$1.0	-	\$1.0	-	\$1.1
Improved Homeland Defense and Next Generation Interceptors	-	\$0.4	-	\$0.5	-	\$0.7
Terminal High Altitude Area Defense (THAAD) Ballistic Missile Defense	37	\$0.8	39	\$0.7	41	\$0.9
Patriot Advanced Capability (PAC-3) Missile Segment Enhancement	147	\$0.7	147	\$0.7	168	\$0.8

*Includes Procurement and Research, Development, Test and Evaluation (RDT&E) funding/quantities*

*Numbers may not add due to rounding*

**Supports the Missile Defense Review priorities**

# Major Investments in the FY 2021 Budget

## (Base + OCO)

	FY 2020 Request		FY 2020 Enacted		FY 2021 Request	
	Qty	\$B	Qty	\$B	Qty	\$B
<b>Aircraft</b>						
F-35 Joint Strike Fighter (Air Force, Marine Corps, Navy)	78	\$11.2	98	\$12.6	79	\$11.4
KC-46 Pegasus (Air Force)	12	\$2.3	12	\$2.2	15	\$3.0
F/A-18E/F Super Hornet (Navy)	24	\$2.0	24	\$2.0	24	\$2.1
AH-64E Apache Attack Helicopter (Army)	48	\$1.0	49	\$1.1	52	\$1.2
VH-92 Presidential Helicopter (Marine Corps)	6	\$0.8	6	\$0.8	5	\$0.7
P-8A Poseidon (Navy)	6	\$1.5	9	\$1.8	-	\$0.3
CH-53K King Stallion (Marine Corps)	6	\$1.5	6	\$1.6	7	\$1.5
F-15EX (Air Force)	8	\$1.1	8	\$1.1	12	\$1.6
<b>Shipbuilding</b>						
COLUMBIA Class Ballistic Missile Submarine	-	\$2.2	-	\$2.4	1	\$4.4
CVN-78 FORD Class Aircraft Carrier	1	\$2.6	1	\$2.5	-	\$3.0
VIRGINIA Class Submarine	3	\$10.2	2	\$8.8	1	\$4.7
DDG-51 ARLEIGH BURKE Class Destroyers	3	\$5.8	3	\$6.2	2	\$3.5
Frigate (FFG(X))	1	\$1.3	1	\$1.3	1	\$1.1
Landing Platform Dock Ship (LPD)	-	\$0.3	-	\$0.6	1	\$1.2
Fleet Replenishment Oiler (T-AO)	2	\$1.1	2	\$1.1	-	\$0.1
Expeditionary Fast Transport (EPF)	-	-	1	\$0.3	-	-
Unmanned Surface Vessels (USV) (Large)	2	\$0.4	2	\$0.4	2	\$0.5
Towing, Salvage, and Rescue Ship (T-ATS)	2	\$0.2	2	\$0.2	2	\$0.2

*Includes Procurement and Research, Development, Test and Evaluation (RDT&E) funding/quantities*

*Numbers may not add due to rounding*



# Major Investments in the FY 2021 Budget

## (Base + OCO)

	FY 2020 Request		FY 2020 Enacted		FY 2021 Request	
	Qty	\$B	Qty	\$B	Qty	\$B
<b>Space</b>						
National Security Space Launch (NSSL) (aka EELV) (USSF & SDA)	4	\$1.7	4	\$1.7	3	\$1.6
Global Positioning System (GPS) III and Projects (USSF & Navy)	1	\$1.8	1	\$1.7	2	\$1.8
Space Based Overhead Persistent Infrared (OPIR) Systems (USSF)	-	\$1.6	-	\$1.7	-	\$2.5
<b>Ground Systems</b>						
Joint Light Tactical Vehicle (Army, Marine Corps, Air Force)	4,090	\$1.6	5,009	\$1.6	4,247	\$1.4
M-1 Abrams Tank Modifications/Upgrades (Army)	165	\$2.2	165	\$2.2	89	\$1.5
Amphibious Combat Vehicle (Marine Corps)	56	\$0.4	56	\$0.4	72	\$0.5
Armored Multi-Purpose Vehicle (Army)	131	\$0.6	121	\$0.5	32	\$0.3
<b>Munitions</b>						
Joint Direct Attack Munition (JDAM) (Navy, Air Force)	40,388	\$1.1	28,388	\$1.1	20,338	\$0.5
Guided Multiple Launch Rocket System (GMLRS) (Army, Marine Corps)	10,193	\$1.4	8,523	\$1.3	7,360	\$1.2
Standard Missile-6 (SM-6) (Navy)	125	\$0.7	125	\$0.7	125	\$0.8
Small Diameter Bomb II (SDB II) (Navy, Air Force)	1,925	\$0.4	1,687	\$0.4	1,490	\$0.4
Hellfire Missile (Army, Navy, Air Force)	9,000	\$0.7	8,790	\$0.7	8,150	\$0.5
Joint Air-to-Surface Standoff Missile (JASSM) (Air Force)	430	\$0.6	390	\$0.6	400	\$0.6
Long Range Anti-Ship Missile (LRASM) (Air Force, Navy)	48	\$0.2	17	\$0.2	53	\$0.2

*Includes Procurement and Research, Development, Test and Evaluation (RDT&E) funding/quantities*

*Numbers may not add due to rounding*

# FY 2021 Overseas Contingency Operations (OCO) Budget Request

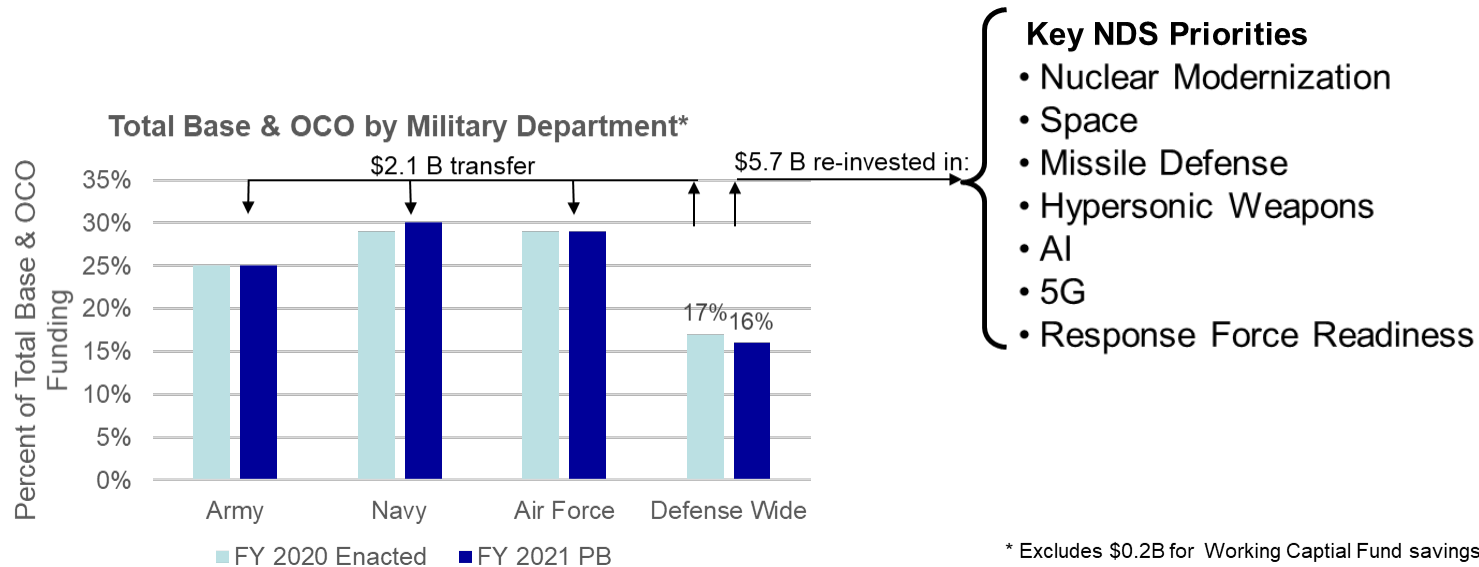
(Dollars in Billions)

• <b>Direct War Requirements</b>	<b>\$20.5</b>
– Combat or combat support costs that are not likely to continue once contingency operations end	
• <b>OCO for Enduring Requirements</b>	<b>\$32.5</b>
– Enduring in-theater and CONUS costs that will remain after combat operations end	
• <b>OCO for Base Requirements</b>	<b>\$16.0</b>
– Base budget requirements financed in the OCO budget to comply with the Bipartisan Budget Act of 2019	
<b>TOTAL OCO</b>	<b>\$69.0</b>

**Supports ongoing military operations, counterterrorism and deterrence**

# Reform for Greater Performance and Affordability

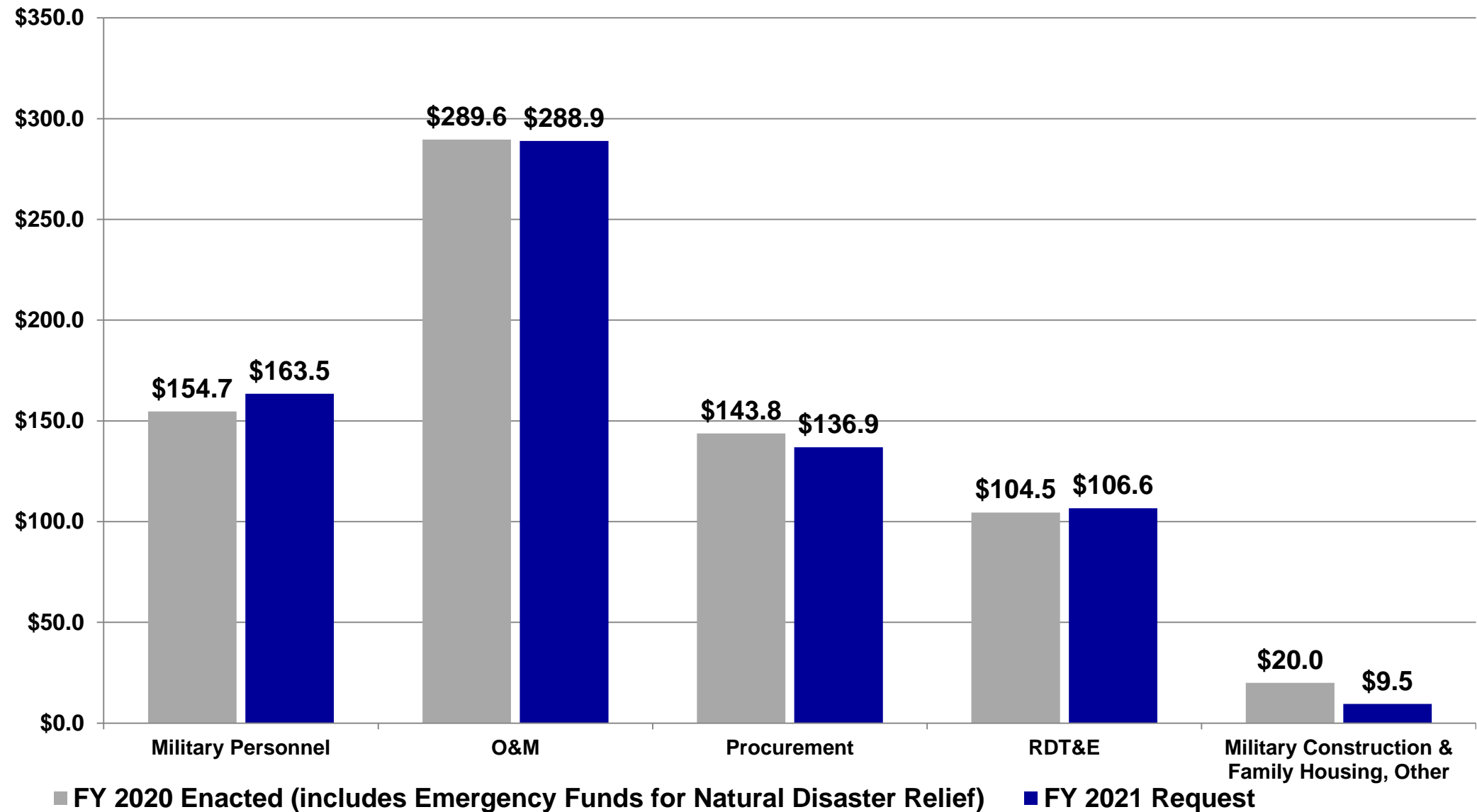
- Defense-Wide Review: Saved \$5.7 billion to reinvest in key NDS priorities. In addition transferred \$2.1 billion to the Services



- DoD-Wide Reform: Continues business and organizational reforms to ensure our resources are directed towards the highest priorities in support of the National Defense Strategy (FY 2021, \$3.4 billion)
- Embarking on the third full financial statement audit – fixing problems, improving readiness, and enhancing cyber security
- Seeking good government legislative changes to enhance resource stewardship and increase buying power

**Time, money, and manpower for NDS priorities**

# FY 2020 and FY 2021 Total Base and OCO Funding by Appropriation Title



*Numbers may not add due to rounding*

**FY 2021 Request: \$705 billion**

# For More Information

- Visit the website for the Office of the Under Secretary of Defense (Comptroller) at
  - <http://www.defense.gov/cj>
  - Download the Department of Defense's FY 2021 Budget Request

