

**AMERICA'S ARMY:  
GLOBALLY RESPONSIVE  
REGIONALLY ENGAGED**

UNCLASSIFIED



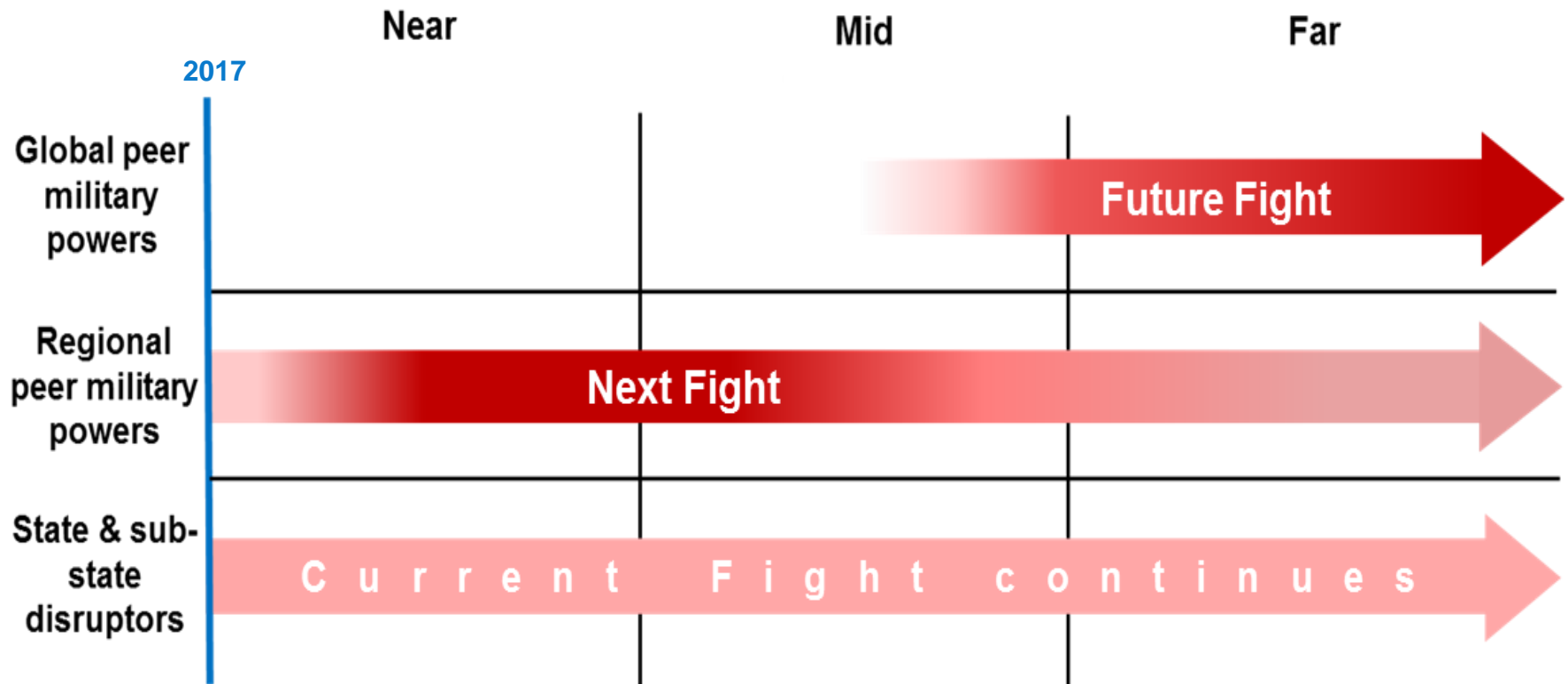
## Army Modernization

*LTG Murray*

*Army G-8*

17 May 2017

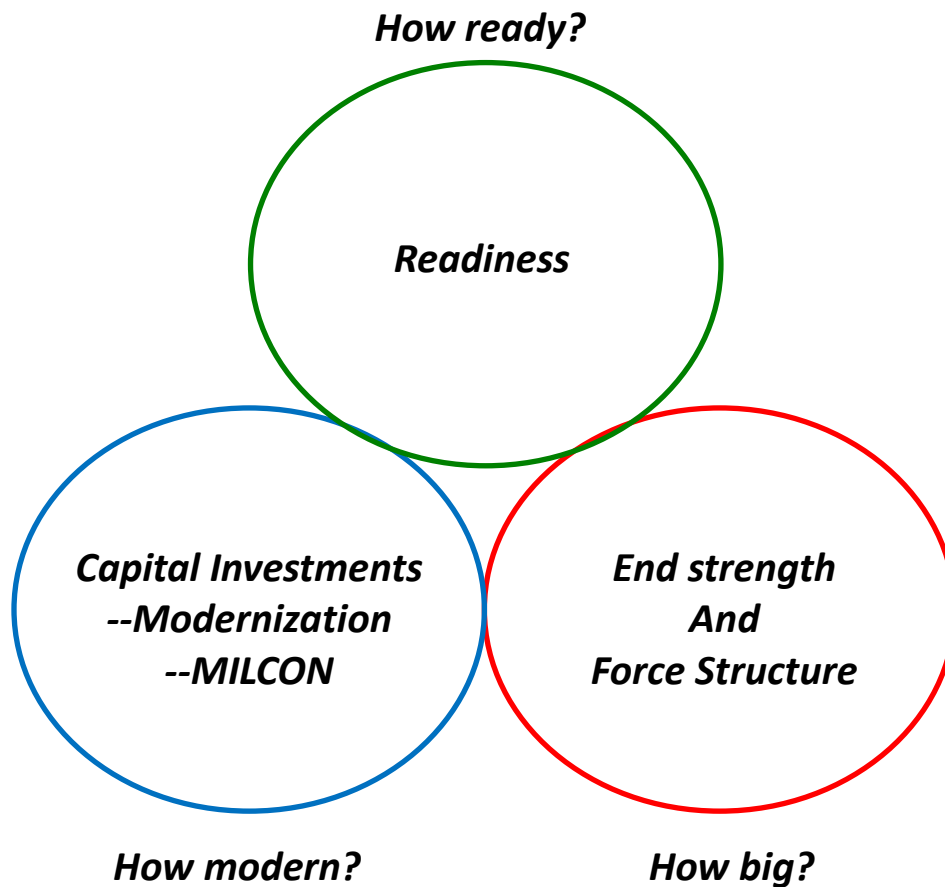
★ ARMY STRONG ★



- ① Fight the Current Fight while setting conditions for the future.
- ② Deter the Next Fight.
- ③ Set conditions to deter the Future Fight.

**Winning today's wars and getting the future right are today's business**

# Balancing the Army Program



## **Readiness: "There is no other #1."**

- Readiness for combat today
- Well led forces, fully trained and equipped for assigned tasks when committed
- Buy as much readiness with the resources available

## **End strength and force structure**

- NDA 17: 1,018K
- Recruit, retain, and promote the best
- Emerging demands are stressing the capacity of the Army

## **Capital Investments**

- Modernization: incremental improvements in the near-term; no new developmental programs in the mid-term; fully resource long-term S&T programs
- MILCON: funded at historically low levels

***More so than any other Service, the Army must balance readiness, people, and future investments***

**Priorities**

1. Air and Missile Defense (SHORAD)
2. Long-Range Fires
3. Munition Shortfall
4. Mobility, Lethality and Protection of BCTs
5. Active Protection Systems – Air and Ground
6. Assured PNT
7. Electronic Warfare
8. Cyber (Offensive and Defensive)
9. Assured Communications
10. Vertical Lift

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**TRADOC Capabilities Needs Analysis**

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**LRRDPP-GC/PAWG Analysis (USA-USMC)**

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**FY16 APG Five Major Areas of Focus (G37-CI)**

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**Synthesis of Capability Needs Analysis for FY15 (ARCIC)**

**AMERICA'S ARMY: GLOBALLY RESPONSIVE REGIONALLY ENGAGED**  
**TAA Needs Analysis for 460k, 470k, 489k**

**AMERICA'S ARMY: GLOBALLY RESPONSIVE REGIONALLY ENGAGED**  
**RAND Studies (Multiple)**

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**Emerging Threats – Russian New Generation Warfare Study**

PRE-DECISIONAL/FOR OFFICIAL USE ONLY

- Layered IADS deployed to the maneuver units. Periods of no air-cover or stand-off AV missiles. (SEAD)
- EW units deployed at the tactical unit deny digital communications, PNT, and CYBER attack, degrade MC systems. Periods of no precision munitions or digital systems. (LETHALITY, SUFFICIENCY)
- Dispersed enemy armor units maneuver with impunity under their own long-range fires. Friendly fires lose counter-fire fight. Friendly maneuver units must maneuver in enemy artillery KILL BOX. (RANGE, LETHALITY, SUFFICIENCY)



**Recent Analysis of the Pacing Threat .... Tells Us We Need These Capabilities**