



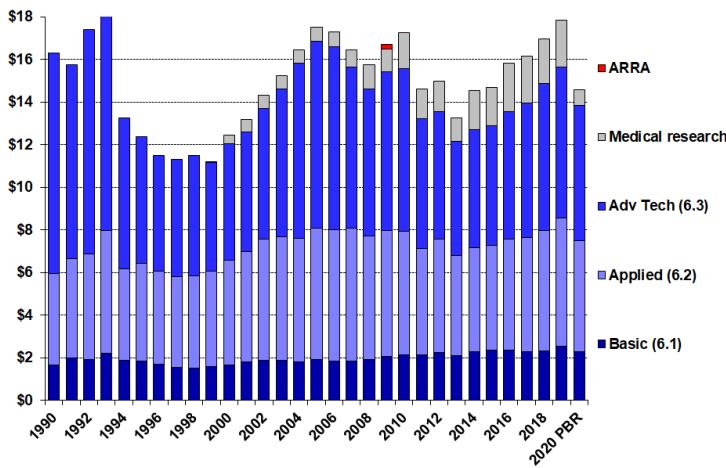
# Department of Defense Research

**D**epartment of Defense (DOD)-funded basic research has contributed significantly to our nation’s economic and national security. DOD relies on technological innovation as a force multiplier, and cutting-edge advances have helped make our military the best-equipped and most effective in the world. Addressing complex military challenges requires innovative technologies and the development of these technologies depends on the sustained investments in scientific and engineering basic research performed at U.S. universities.

**AAU urges Congress to provide at least \$2.774 billion for DOD 6.1 basic research, \$3.364 billion for DARPA, and \$16.996 billion for DOD S&T in FY20**

Consistent with *Innovation: An American Imperative*, AAU recommends Congress provide the following FY20 DOD funding levels by program element (PE):

**Trends in DOD Science & Technology**  
in billions of constant FY 2019 dollars



Source: DOD budget documentation and data. Medical Research is appropriated outside RDT&E funding title; appropriated as applied research pre-1999. © 2019 AAAS

Source: AAAS, 2019

DOD 6.1 basic research programs help train the next generation of U.S. scientists and engineers. Research grants and contracts support not only cutting edge research, but also graduate students. The National Defense Science and Engineering Graduate (NDSEG) Fellowships program helps attract and retain top U.S. citizens for study in fields vital to addressing national security challenges.

Army Defense Research Sciences (PE 00601102A)	\$334,551,000
Army University Research Initiatives (PE 00601103A)	\$69,135,000
University & Industry Research Centers (PE 00601104A)	\$120,848,000
Navy University Research Initiatives (PE 00601103N)	\$170,958,000
Navy Defense Research Sciences (PE 00601153N)	\$528,661,000
Air Force Defense Research Sciences (PE 00601102F)	\$405,938,000
Air Force University Research Initiatives (PE 00601103F)	\$174,725,000
High Energy Laser Research Initiatives (PE 00601108F)	\$13,826,000
DTRA Basic Research Initiatives (PE 00601000BR)	\$39,207,000
Defense-Wide University Research Initiatives (PE 00601110D8Z)	\$60,047,000
National Defense Education Program (PE 00601120D8Z)	\$143,938,000

**AAU urges Congress to reach a bipartisan budget agreement to lift the Budget Control Act’s harmful discretionary caps in FY20 and FY21 and allow for additional resources to meet the nation’s significant investment needs.**