

On Transforming Science and Technology

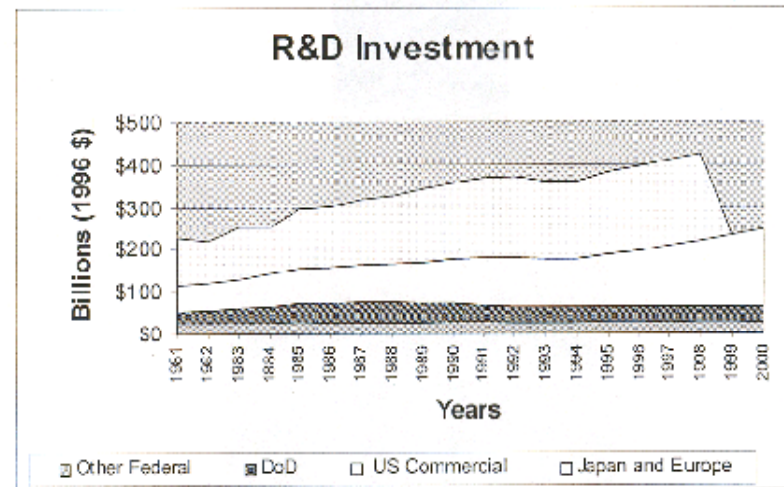
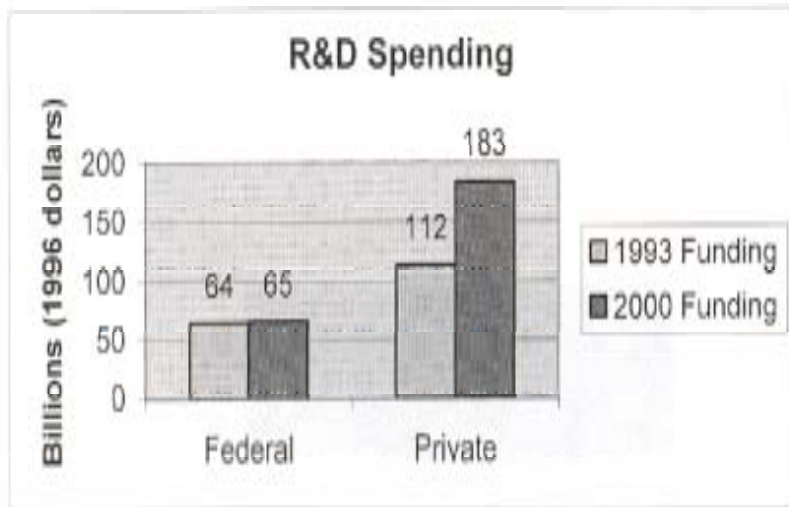
“...a future force that is defined less by size and more by mobility and swiftness, one that is easier to deploy and sustain, one that relies more heavily on stealth precision weaponry and information technologies.”

George W. Bush
Transformation Planning Guidance
DoD Publication
April 2003

“The advantage in war fighting goes to the nation...that uses technology to the greatest advantage.”

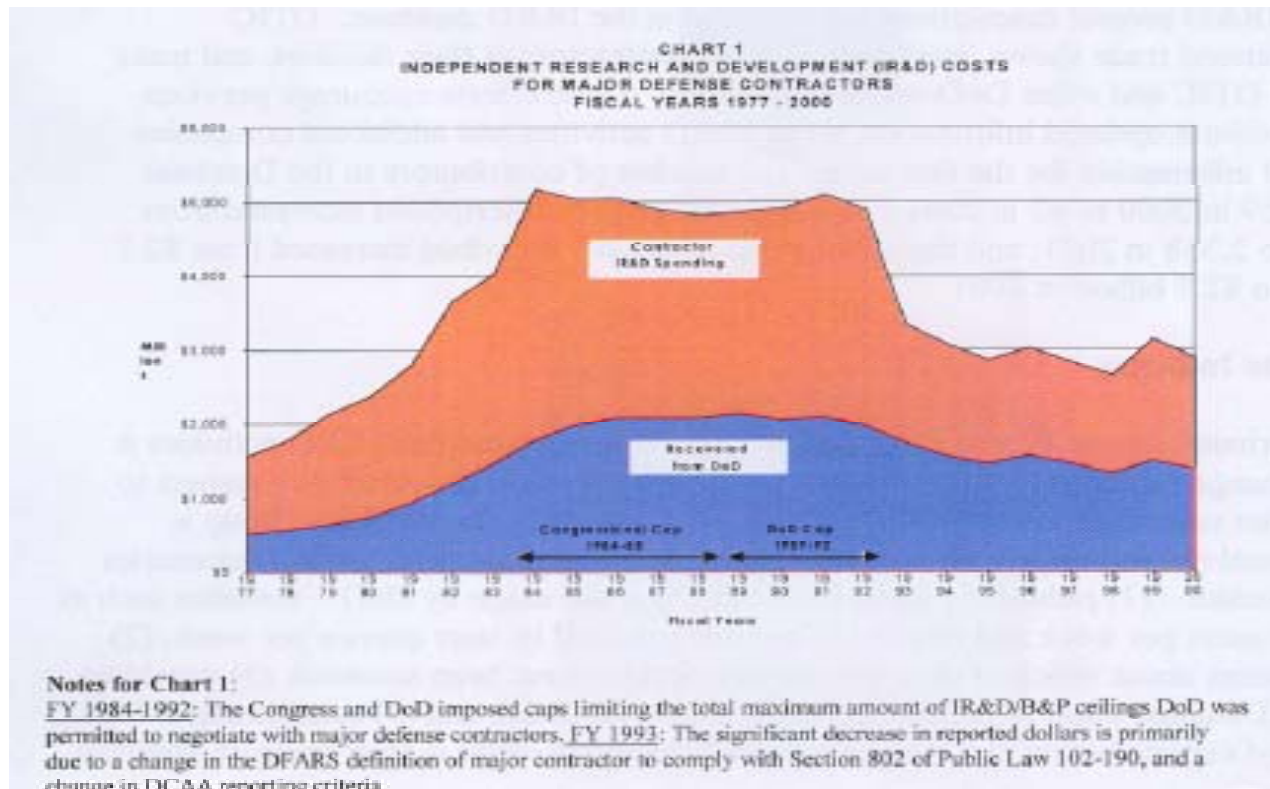
J. Roche
Secretary of the Air Force
Air Force Magazine
April 2003

Research and Development Funding Trends



Source: A Members Guide to Technology Transition (Draft)
DoD Publication
August 2002

Independent Research and Development Costs for Major Contractors (Fiscal Years)



Technology Transformation

A Start: Easing the barriers to transfer technology from laboratory to industry to the field

- Advanced concept technology demonstrations
- Other transactional authority
- Redo of 5000 series acquisition guidance
- Army R&D command

Technology Transformation

Remaining: Transformation is a process not an end

- Continuing technology development
 - Networks and battle command
 - Sensors
 - Land and air robotics
 - Precision weapons
 - Bio-Engineering
- Experimentation
- Technology transition