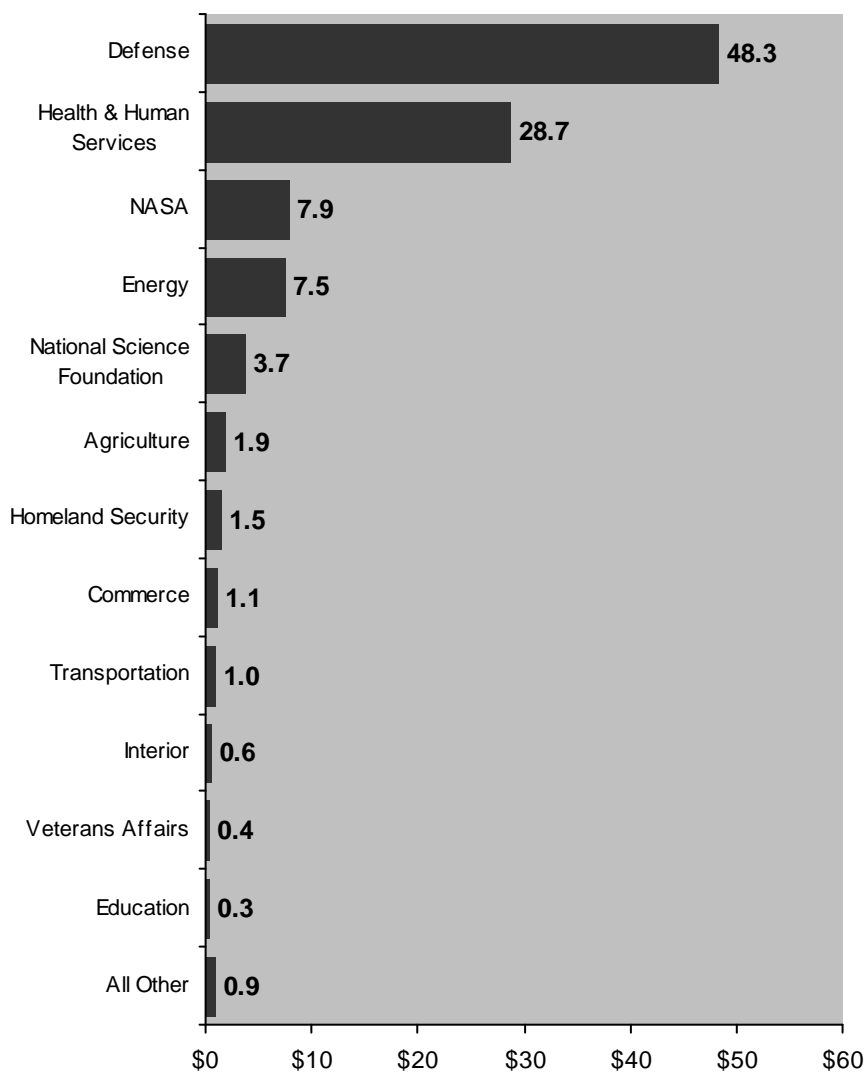


# Federal Education Research

## Chronically Underfunded

### Federal Outlays for Research & Development, by Agency, FY 2006

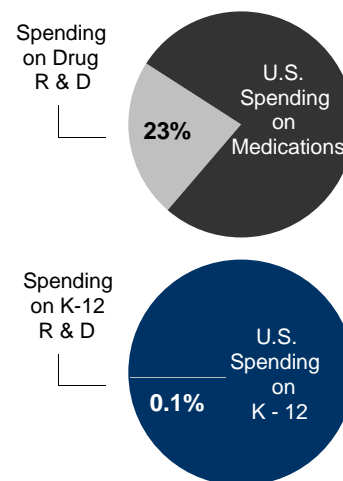
(dollars in billions)



"Research is a cumulative process; advances in knowledge come incrementally and by building on what has gone before. No matter how good the plan or how talented the people, without long-term, stable funding, a powerful accumulation of research is simply not possible...[T]he funding available for education research and development has lagged far behind federal funding for research in agriculture, health, defense, and transportation, based on whatever measure one might choose." (Strategic Education Research Partnership, National Research Council, 2003.)

#### R & D Funding Comparison:

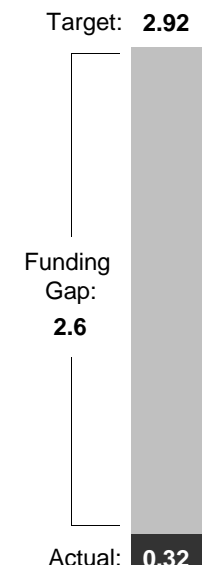
In 1995, the U.S. spent about \$70 billion on medications, and invested about 23 percent of this amount on drug development and testing. In contrast, the U.S. spent about \$300 billion on public K-12 education in 1995, but invested less than 0.1 percent of that amount to determine what educational techniques actually work and to find ways to improve them.



#### Federal Education R & D Funding Gap:

(dollars in billions)

The President's Committee of Advisors on Science and Technology recommends a minimum of one-half of one percent of our nation's expenditures for K-12 should be spent on education research; or just under \$3 billion (based on 2006-07 estimates). The National Science Foundation estimated that a little more than \$300 million was actually spent by the U.S. Department of Education in 2006-07, resulting in a shortfall of \$2.6 billion.



Source: Table 99, Federal Outlays for Research and Development, By Agency, FY 1996-2006 from Federal Funds for Research and Development: Fiscal Years 2004-06, National Science Foundation. For more information, contact Tom Zembar at 202.822.7109 or TZembar@nea.org. As of June 11, 2008.

Source: Report to the President on the Use of Technology to Strengthen K-12 Education in the United States, President's Committee of Advisors on Science and Technology, 1997. Total Expenditures for Elementary and Secondary Education in the U.S., 2006-07, U.S. Department of Education, 2007.