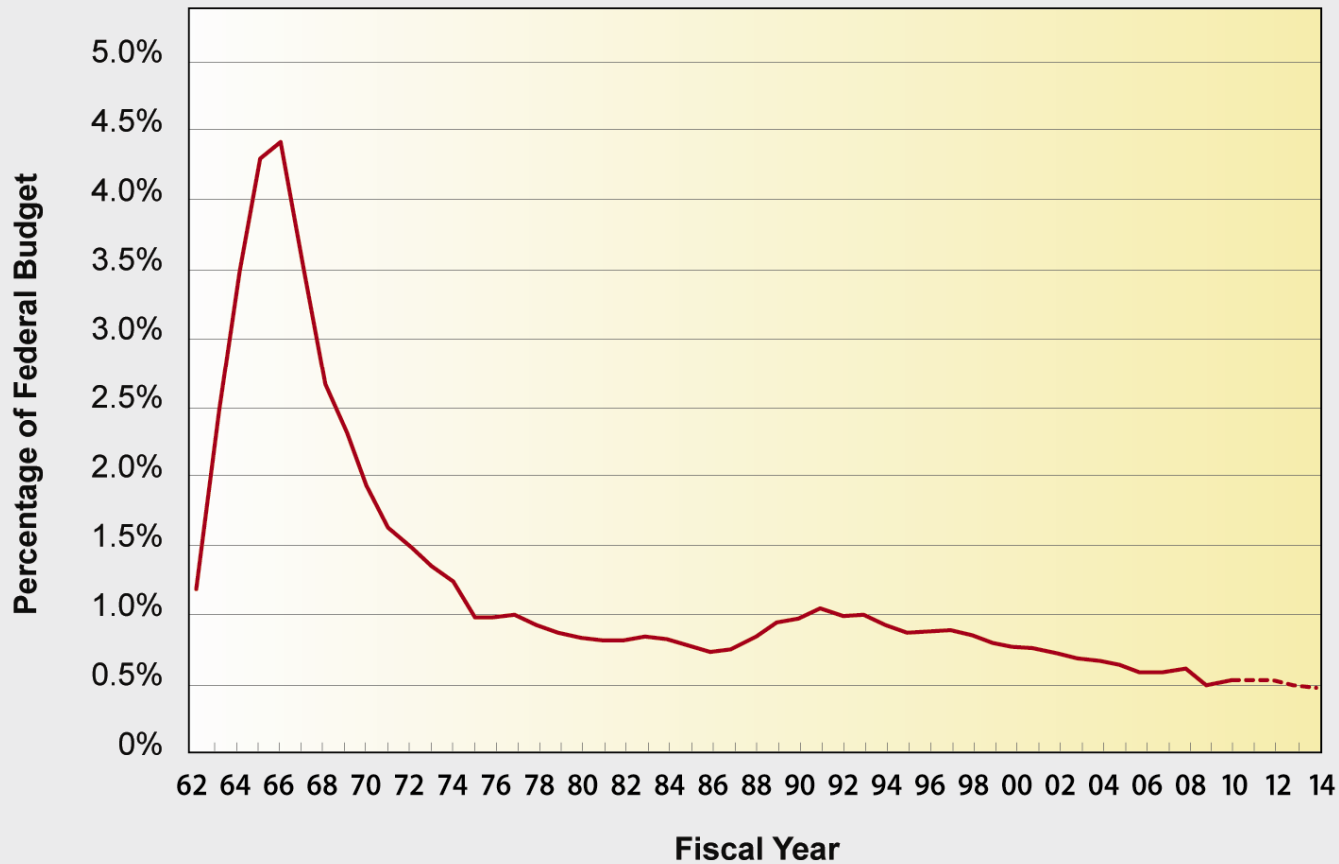




# CENTER FOR LUNAR SCIENCE AND EXPLORATION

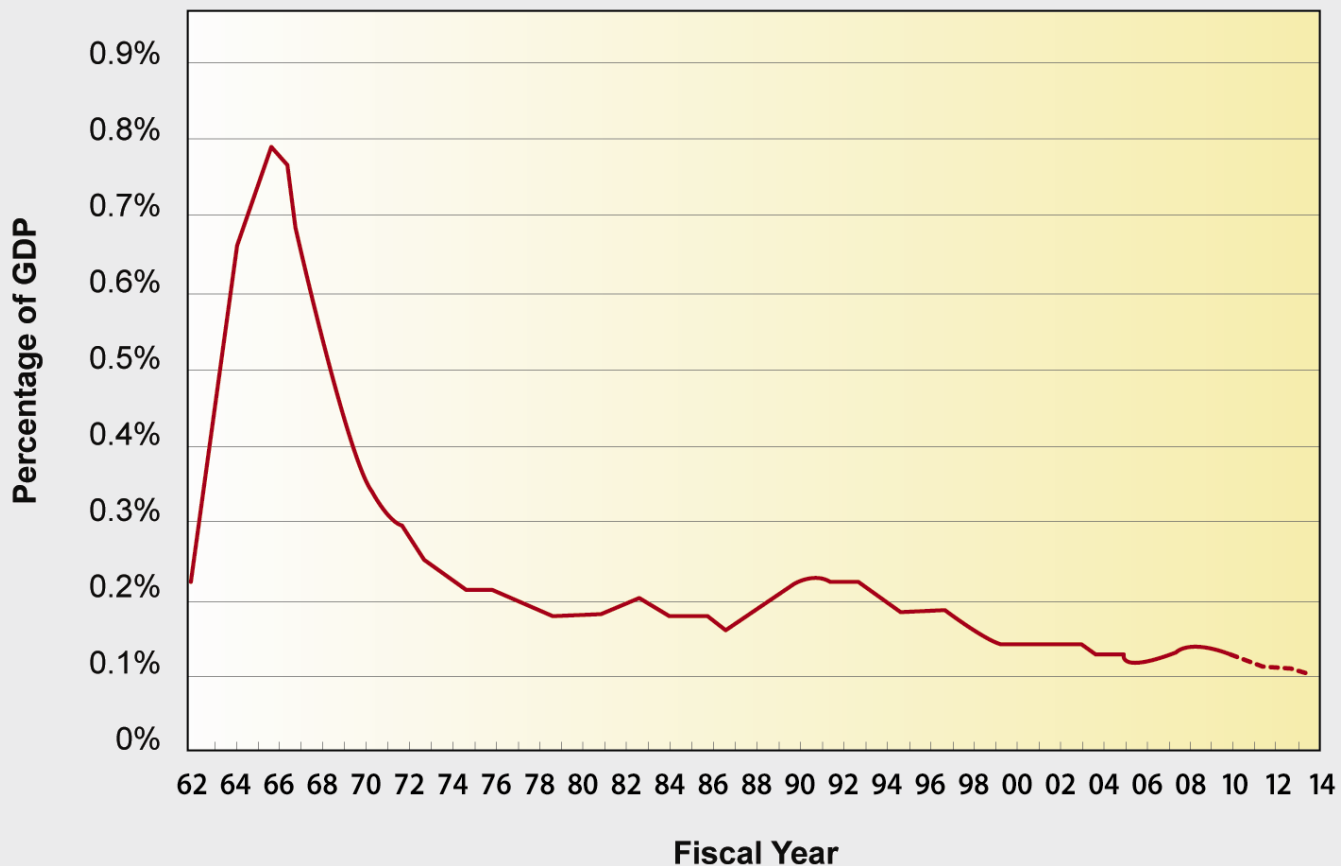
*vitaly impacting the future – today*

### NASA Budget as a Percentage of Federal Budget



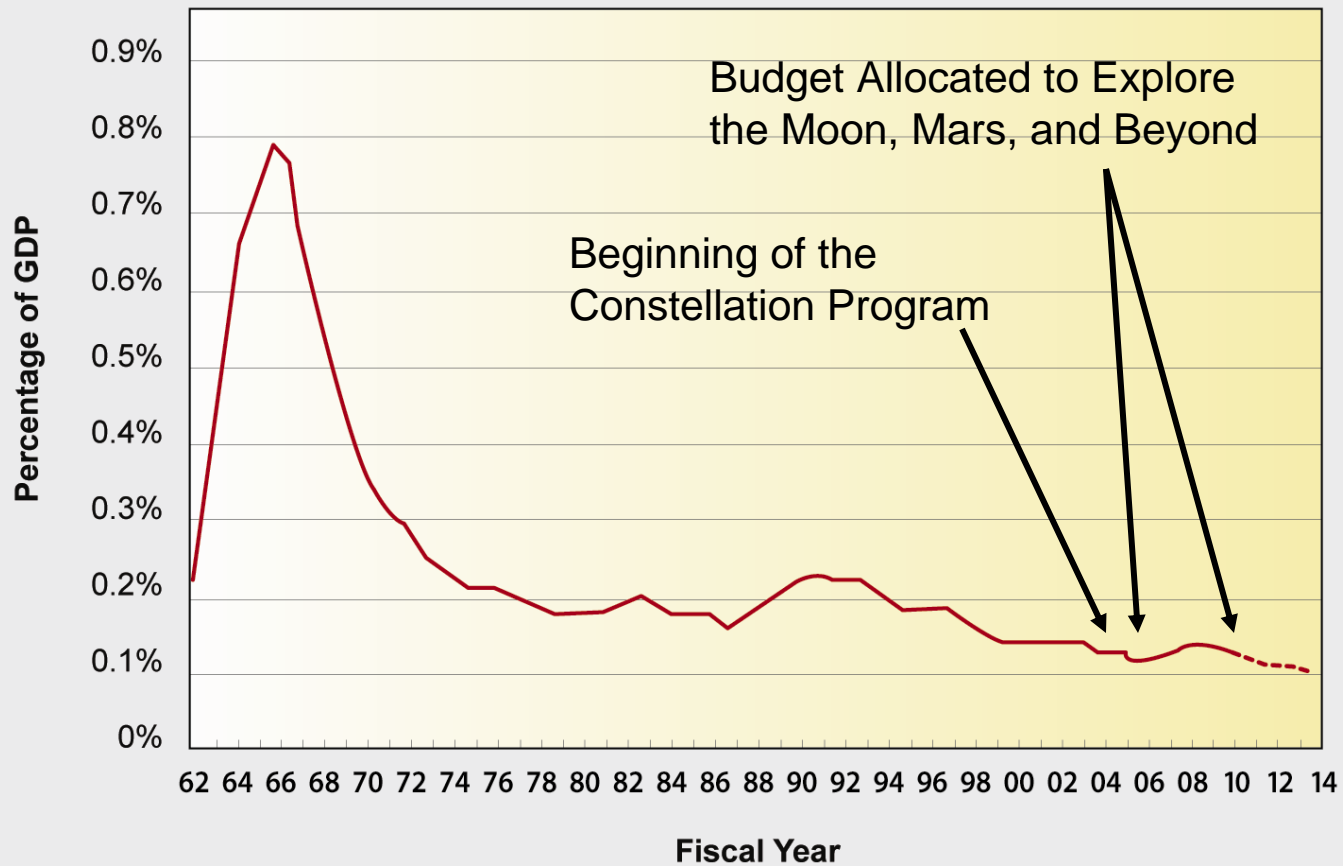
Data Source: OMB Historical Budget Tables

**NASA Budget  
as a Percentage of GDP**



Data Source: OMB Historical Budget Tables

## NASA Budget as a Percentage of GDP



Data Source: OMB Historical Budget Tables



## Investment in our Future

Apollo demonstrated that an investment in space exploration enhances the technical capability of the entire nation in a way that pays dividends for decades and helps assure Americans' quality of life.

That investment has plummeted, however, as both a fraction of the federal budget and a fraction of the gross national product (GDP).

To re-invigorate technological development in the United States and inspire our youth, the White House, with unanimous support from Congress, developed the Constellation Program.

That program has specific goals and a timetable that takes the nation to the Moon, Mars, and beyond.

That sequence is illustrated with the program's logo, in which exploration begins at Earth, carries us first to the Moon, and then onward to Mars.

As the charts above show, however, the budgets supporting that program are at historical lows.



Postponing the start-up costs needed for a successful program will likely raise the overall cost of the program, raise the risks associated with the program, and undermine the technological development that the program was designed to promote.

Dr. David A. Kring (USRA - <http://www.lpi.usra.edu/science/kring/>)