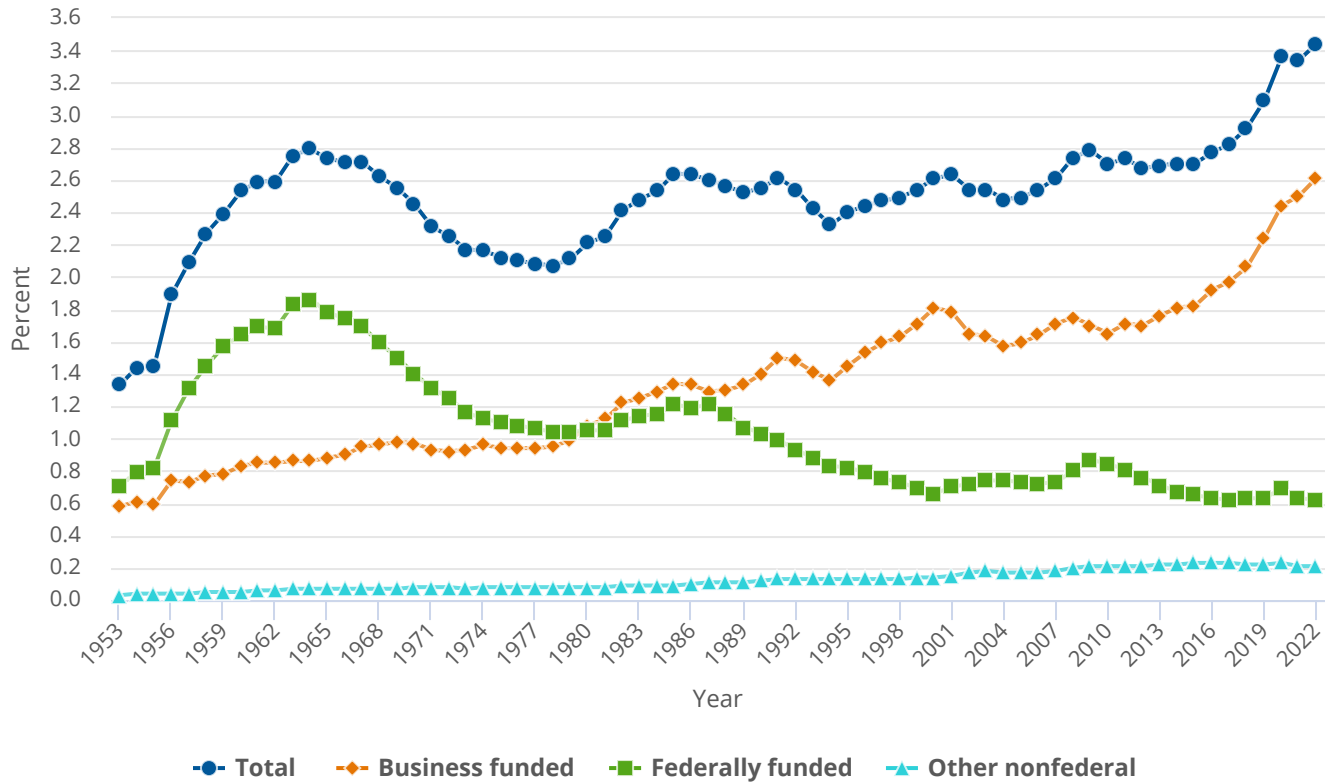


**Figure 2**  
**Ratio of U.S. R&D to GDP, by source of funds for R&D: 1953–2022**



GDP = gross domestic product

**Note(s):**

Some data for 2021 are preliminary and may later be revised. The data for 2022 include estimates and are likely to later be revised. The federally funded data represent the federal government as a funder of R&D by all performers; similarly the business funded data cover the business sector as a funder of R&D by all performers. The "other" category includes the R&D funded by all other sources—mainly, by higher education, nonfederal government, and nonprofit organizations. The gross domestic product data used reflect the U.S. Bureau of Economic Analysis statistics of late October 2023.

**Source(s):**

National Center for Science and Engineering Statistics, National Patterns of R&D Resources (annual series).