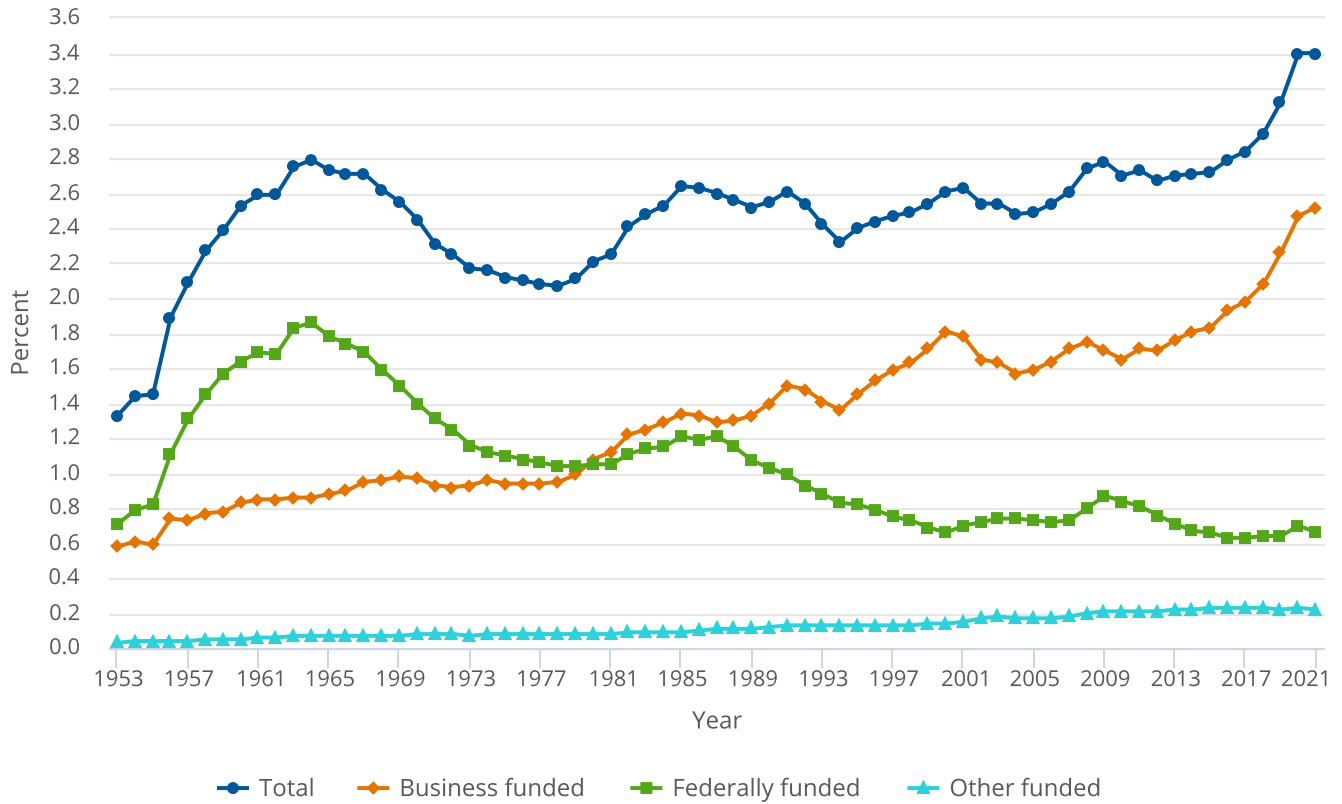


**Figure 2**

**Ratio of U.S. R&D to gross domestic product, by source of funds for R&D: 1953–2021**



GDP = gross domestic product.

**Note(s):**

Some data for 2020 are preliminary and may be revised later. The data for 2021 include estimates and are likely to be revised later. 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 GDP data used reflect the U.S. Bureau of Economic Analysis statistics of late October 2022.

**Source(s):**

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