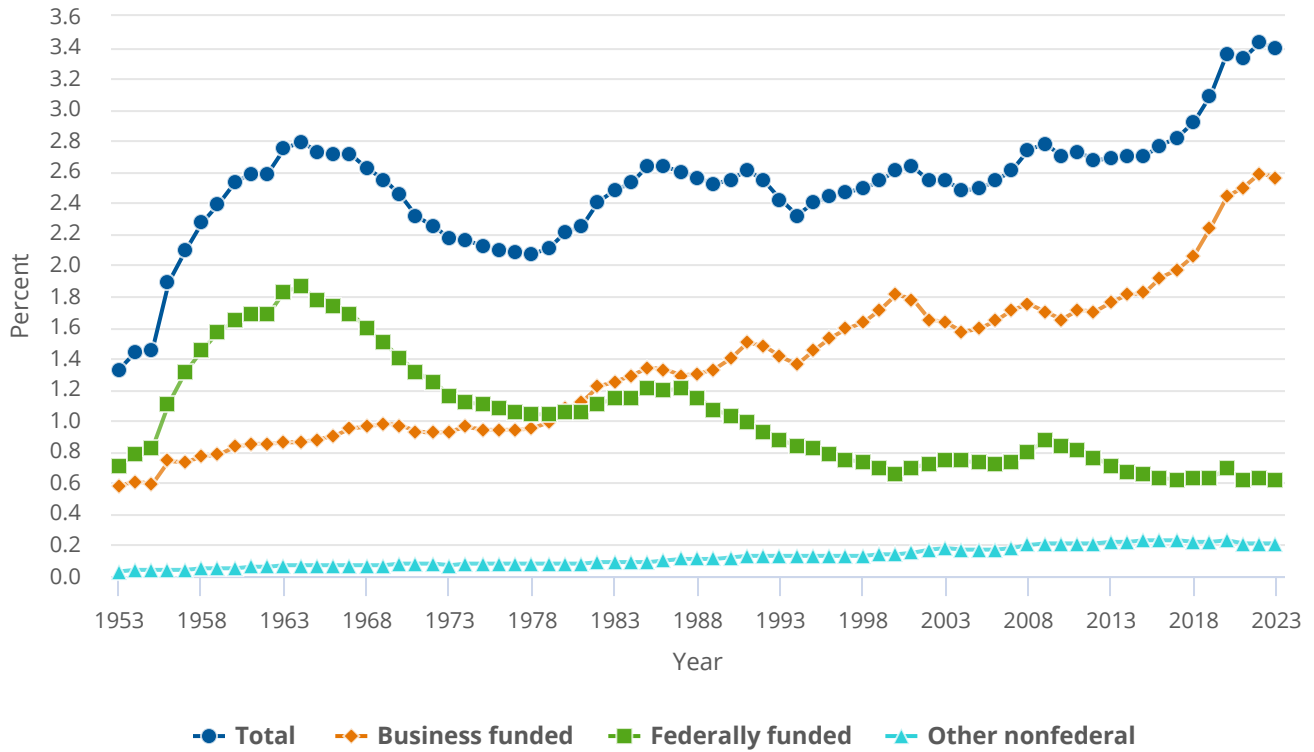


Figure 3

Ratio of U.S. R&D to GDP, by source of funds: 1953–2023



GDP = gross domestic product

Note(s):

Some data for 2022 are preliminary and may be revised later. The data for 2023 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 nonfederal 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 October 2024.

Source(s):

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