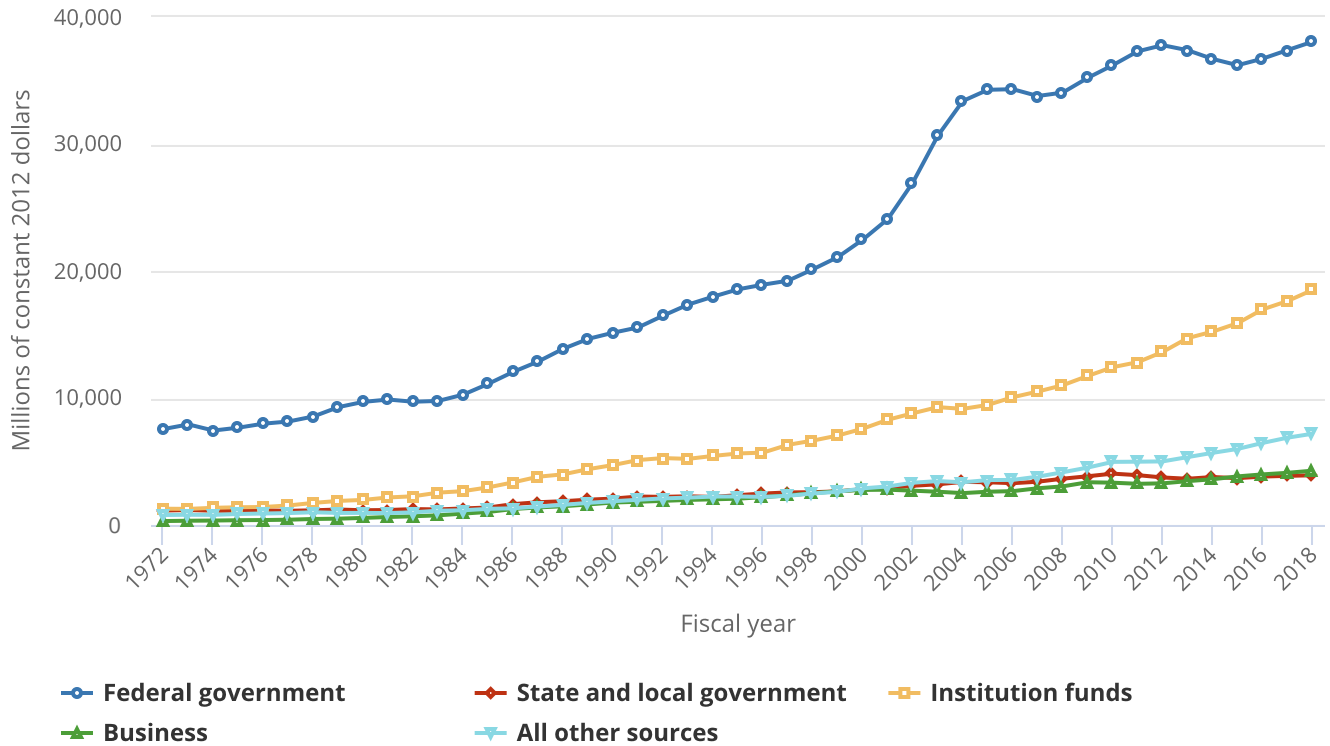


FIGURE 5B-4

Higher education R&D expenditures, by source of funds: FYs 1972–2018



Note(s)

FY 1978 data are estimated based on data collected from doctorate-granting institutions only. Totals for FYs 1972–2002 represent R&D expenditures in S&E fields only. From FY 2003 through FY 2009, some institution totals for all R&D expenditures may be lower-bound estimates because the National Center for Science and Engineering Statistics did not attempt to estimate for nonresponse on non-S&E R&D expenditures items before FY 2010. Source of fund detail data do not sum to total for FYs 2003–09 because data by source were collected for S&E fields only. Total non-S&E expenditures were collected in a separate item. For inflation adjustment, gross domestic product implicit price deflators based on calendar year were used. Gross domestic product deflators come from the U.S. Bureau of Economic Analysis and are available at <https://www.bea.gov/national>, accessed August 2019. Federal figures do not include funds from the American Recovery and Reinvestment Act of 2009 (ARRA). In this figure, the All other sources category includes nonprofits.

Source(s)

National Center for Science and Engineering Statistics, National Science Foundation, Higher Education Research and Development Survey (HERD).