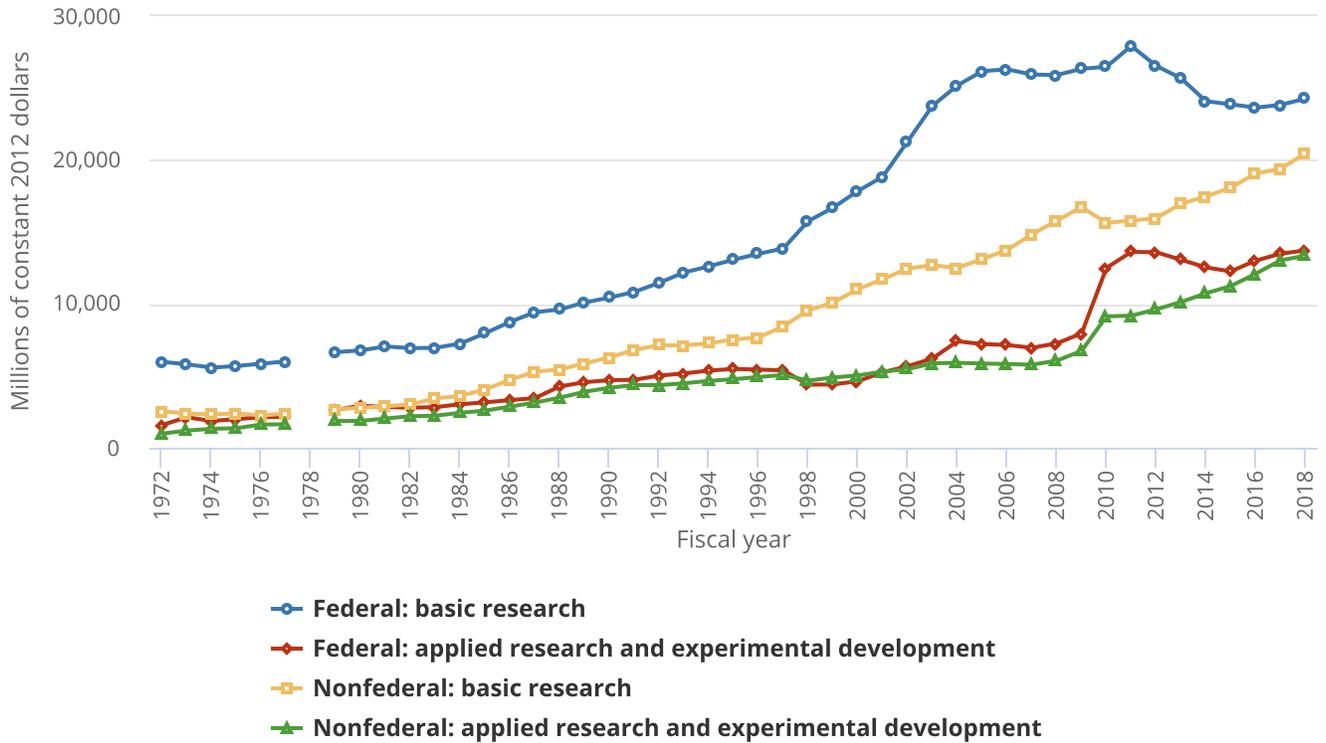


FIGURE 5B-3

Federally funded and nonfederally funded higher education R&D expenditures, by type of R&D: FYs 1972–2018



Note(s)

Separate data for federally financed basic research, applied research, and experimental development were not collected for FY 1978. Type of R&D estimation procedure was revised for FY 1998 and later years; hence, these data are not directly comparable with data for FY 1997 and earlier years. Before FY 2010, R&D expenditures by type of R&D were based on percentage estimates of basic research provided by universities and colleges. Beginning in FY 2010, institutions were asked for dollar amounts of federally funded and nonfederally funded R&D expenditures for basic research, applied research, and experimental development. 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 include funds from the American Recovery and Reinvestment Act of 2009 (ARRA).

Source(s)

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