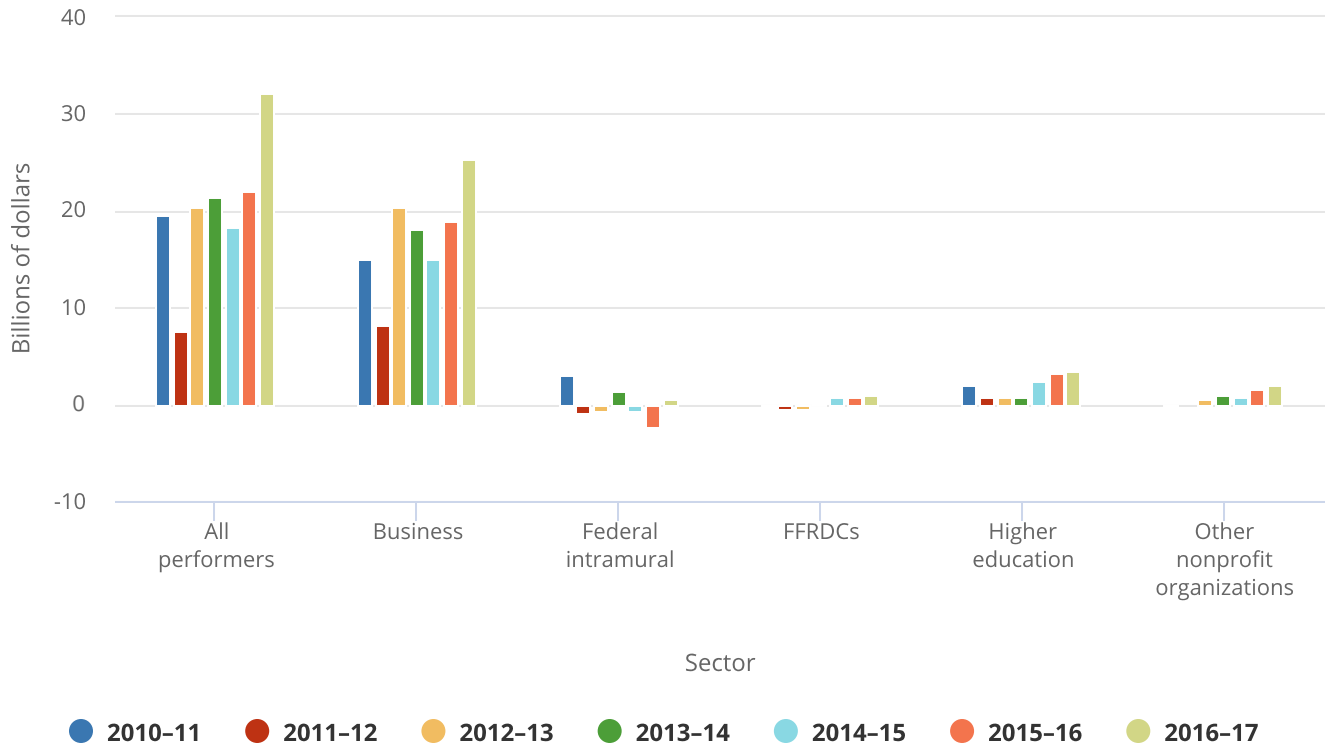


FIGURE 4-2

Year-to-year changes in U.S. R&D expenditures, by performing sector: 2010–17



FFRDC = federally funded research and development center.

Note(s)

Data are calculated from R&D expenditure data reported for performers in Table 4-1. Expenditures by nonfederal government performers are comparatively negligible, and specific bars for this sector are excluded.

Source(s)

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