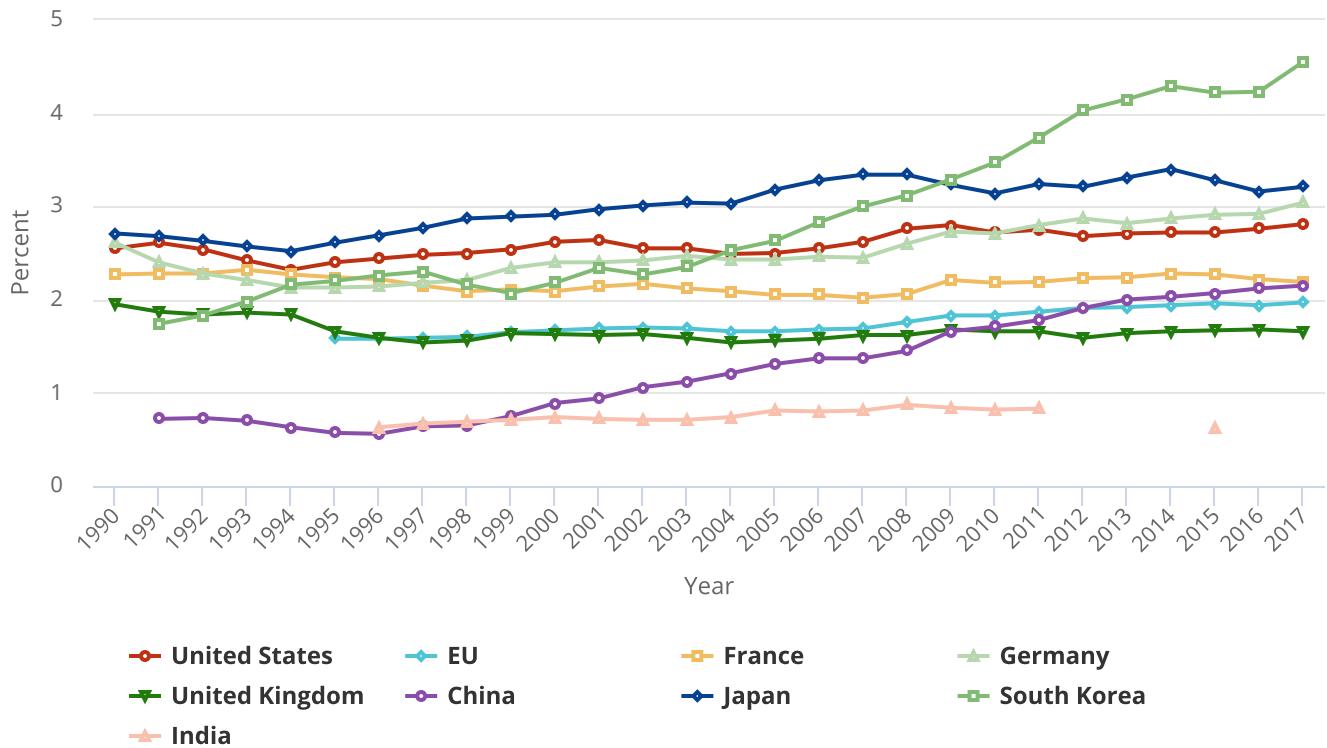


FIGURE 4-8

Gross domestic expenditures on R&D as a share of gross domestic product, by the United States, the EU, and selected other countries: 1990–2017



EU = European Union.

Note(s)

Data are for the top eight R&D-performing countries and the EU. Data are not available for all countries for all years. Data for U.S. gross domestic expenditure on R&D (GERD) differ slightly from the U.S. total R&D data tabulated earlier in this report. For better consistency with international standards, U.S. GERD includes federal capital funding for federal intramural and nonprofit R&D, in addition to what is reported as U.S. total R&D. Data for Japan in 1996 onward may not be consistent with earlier data because of changes in methodology. Data for the EU include the 28 EU member countries. Data for Germany for 1981–90 are for West Germany.

Source(s)

National Center for Science and Engineering Statistics, National Science Foundation, National Patterns of R&D Resources (annual series); Organisation for Economic Co-operation and Development, *Main Science and Technology Indicators* (2019/1); United Nations Educational, Scientific and Cultural Organization Institute for Statistics Data Centre. See Table S4-1.