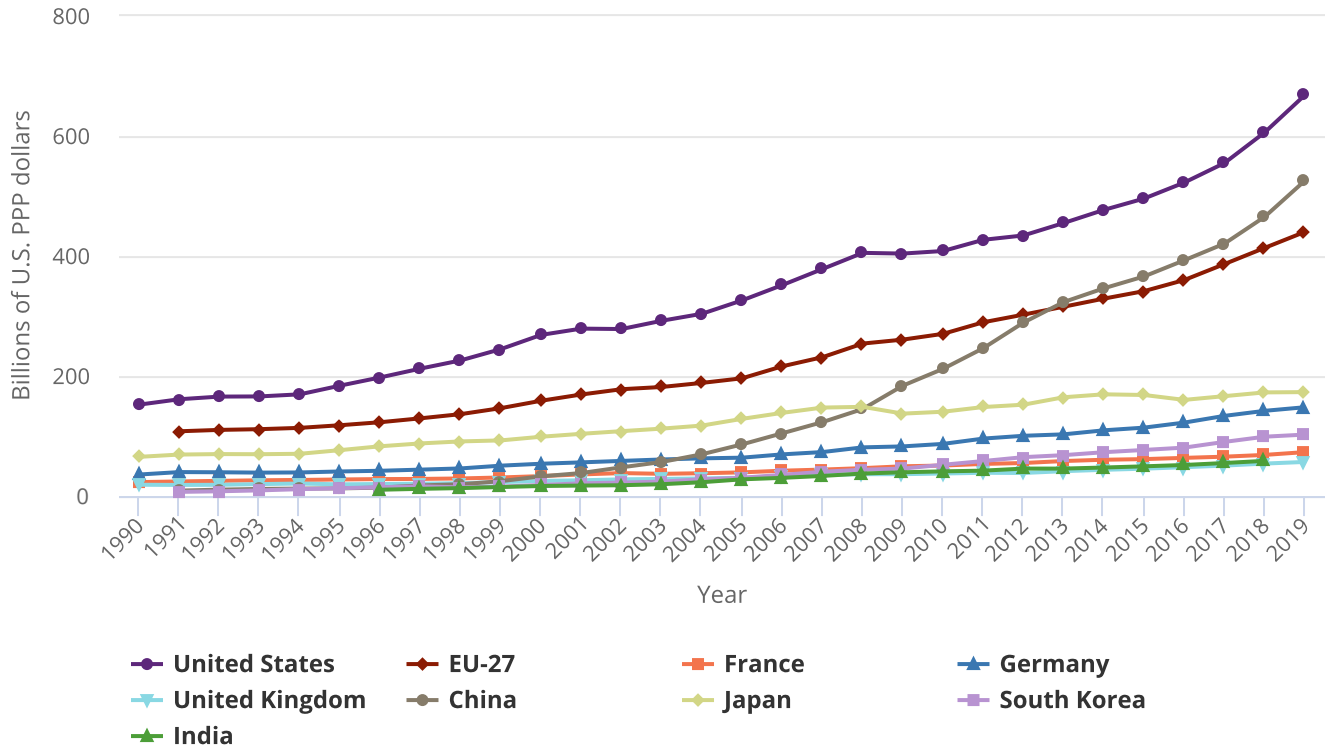


Figure RD-9

Gross domestic expenditures on R&D, by selected region, country, or economy: 1990–2019



EU = European Union; PPP = purchasing power parity.

**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 from 1996 onward may not be consistent with earlier data because of changes in methodology. Data for the EU include the 27 EU member countries. See also Table SRD-1.

**Source(s):**

National Center for Science and Engineering Statistics, National Patterns of R&D Resources (2019–20 edition); Organisation for Economic Co-operation and Development, *Main Science and Technology Indicators* (September 2021 edition); United Nations Educational, Scientific and Cultural Organization, Institute for Statistics, Science Technology and Innovation data set (March 2021 release).

*Science and Engineering Indicators*