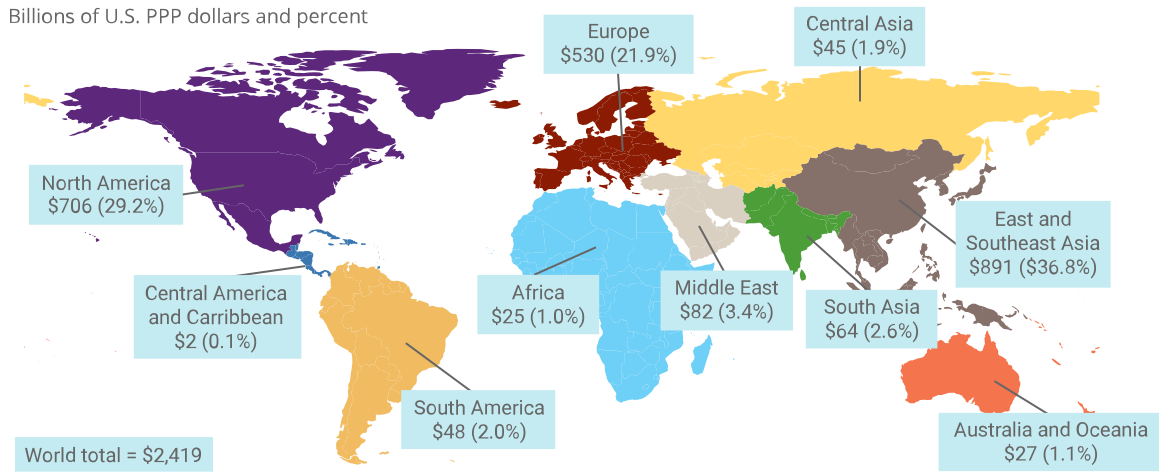


Figure RD-5

Global R&D expenditures, by region: 2019



PPP = purchasing power parity.

**Note(s):**

Foreign currencies are converted to dollars through PPPs. Some country data are estimated. Countries are grouped according to the regions described by *The World Factbook* (CIA 2021).

**Source(s):**

National Center for Science and Engineering Statistics, estimates as of December 2021. Based on data from Organisation for Economic Co-operation and Development, *Main Science and Technology Indicators* (September 2021 edition), and United Nations Educational, Scientific and Cultural Organization, Institute for Statistics, Science Technology and Innovation data set (March 2021 release).

*Science and Engineering Indicators*