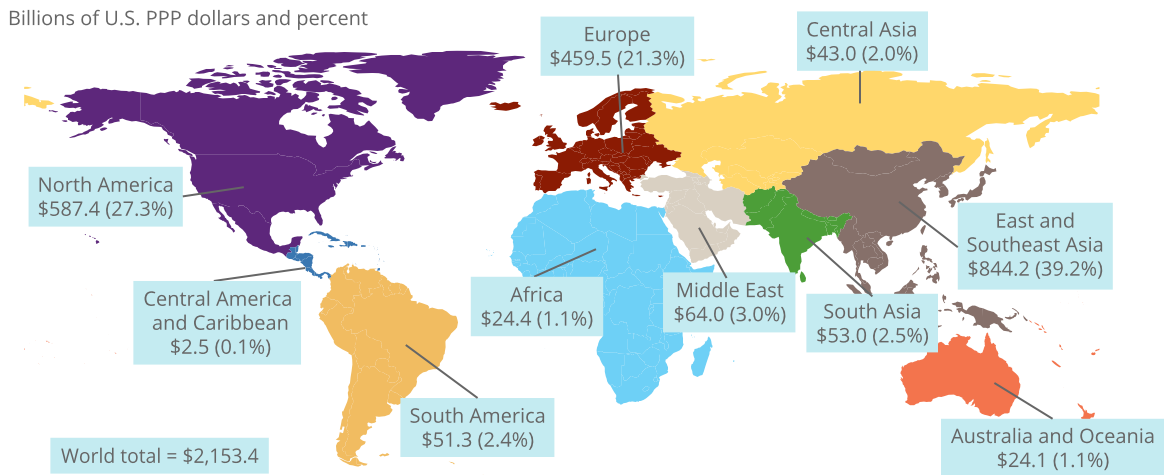


FIGURE 4-5

Global R&D expenditures, by region: 2017



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*.

**Source(s)**

National Center for Science and Engineering Statistics, National Science Foundation, estimates as of October 2019. Based on data from the Organisation for Economic Co-operation and Development, *Main Science and Technology Indicators* (2019/1), and the United Nations Educational, Scientific and Cultural Organization Institute for Statistics Data Centre.

*Science and Engineering Indicators*