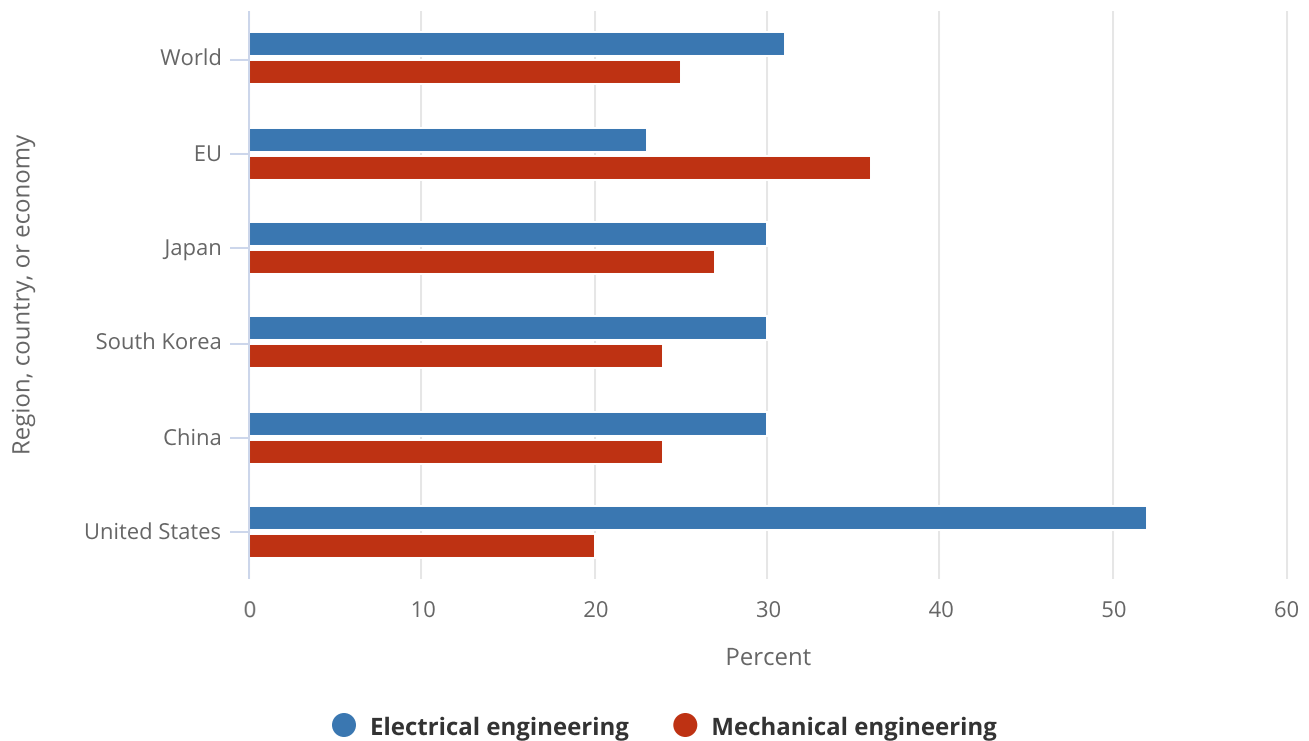


FIGURE 8-9

Share of electrical and mechanical engineering patents in selected region's, country's, or economy's international patent families granted in 2018



EU = European Union; USPTO = U.S. Patent and Trademark Office.

Note(s)

USPTO patents are allocated according to patent inventorship information. USPTO patents are fractionally allocated among regions, countries, or economies based on the proportion of residences of all named inventors. International Patent Documentation (INPADOC) patent families across all patent offices covered in the Worldwide Patent Statistical Database (PATSTAT) are counted according to the year of the first granted patent in the patent family. Patent families are allocated according to patent inventorship information found on the priority patent of the INPADOC families. To account for missing ownership information in PATSTAT for some offices, a method designed by de Rassenfosse et al. (2012) is used to fill missing information on priority patents using information in successive filings within the families (see technical documentation for details). Patent families are fractionally allocated among regions, countries, or economies based on the proportion of residences of all named inventors. The EU includes 28 member countries. China includes Hong Kong. The broad technology areas of electrical and mechanical engineering are defined using patent technology categories from the World Intellectual Property Organization (2018).

Source(s)

National Center for Science and Engineering Statistics, National Science Foundation; Science-Matrix; PatentsView, USPTO, accessed June 2019. See Table S8-4 through Table S8-12 and Table S8-29 through Table S8-36.