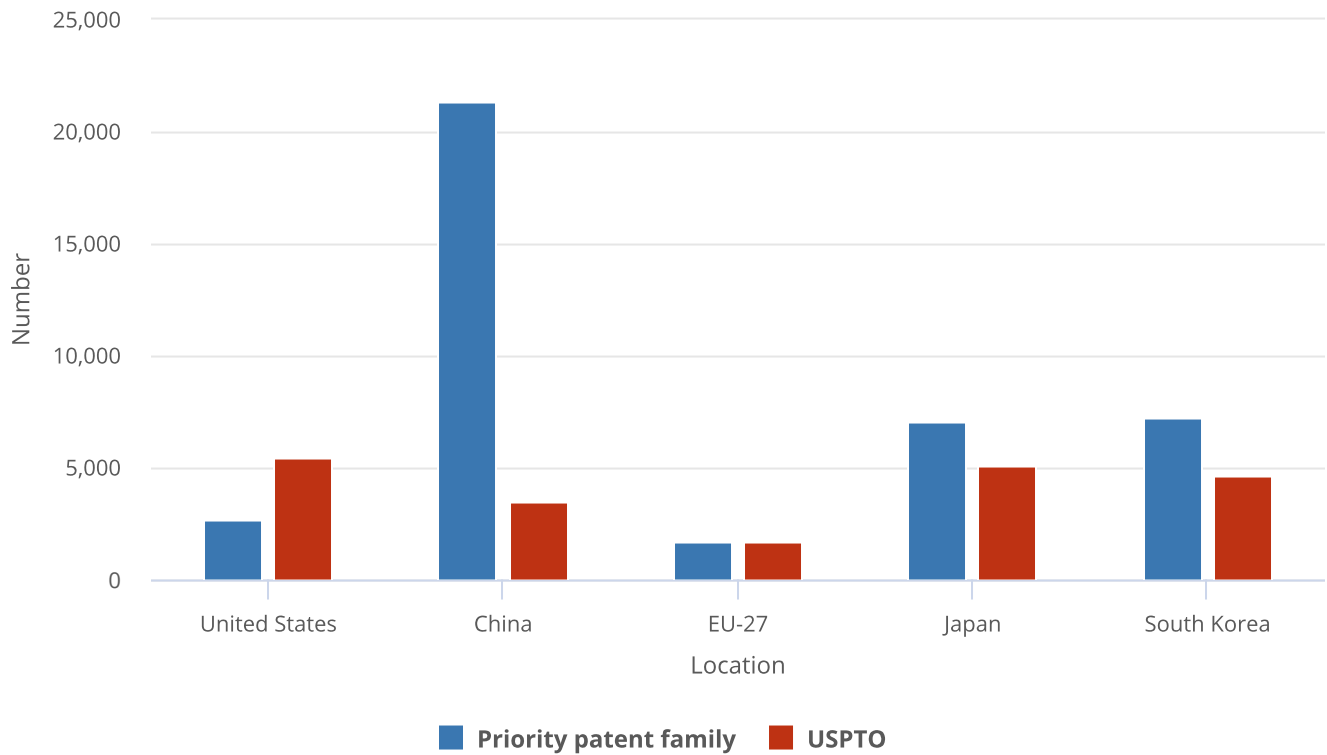


Figure TRN-15. Utility patents granted in semiconductors, by selected country or economy: 2024

EU-27 = European Union; USPTO = Patent and Trademark Office.

Note(s):

Priority patents are International Patent Documentation (INPADOC) patent families granted across all patent offices covered in the Worldwide Patent Statistical Database (PATSTAT). Locations are allocated according to patent inventorship information found on the priority patent of the INPADOC patent families and patents counted according to the year of the first granted patent in the patent family. Utility patents are allocated to location based on the residence of the inventor. This category is based on the 2025 classification of Key Technology Areas developed by the National Science Foundation's Technology Innovation Partnership program and shown in Table STRN-12. The 20 countries with the highest number of priority patents in this category are shown in Table STRN-21. The 20 countries with the highest number of USPTO utility patents in this category are shown in Table STRN-22.

Source(s):

National Center for Science and Engineering Statistics; Science-Metrix (Elsevier); PATSTAT, spring 2025, accessed September 2025; PatentsView, USPTO, accessed March 2025.

Science and Engineering Indicators