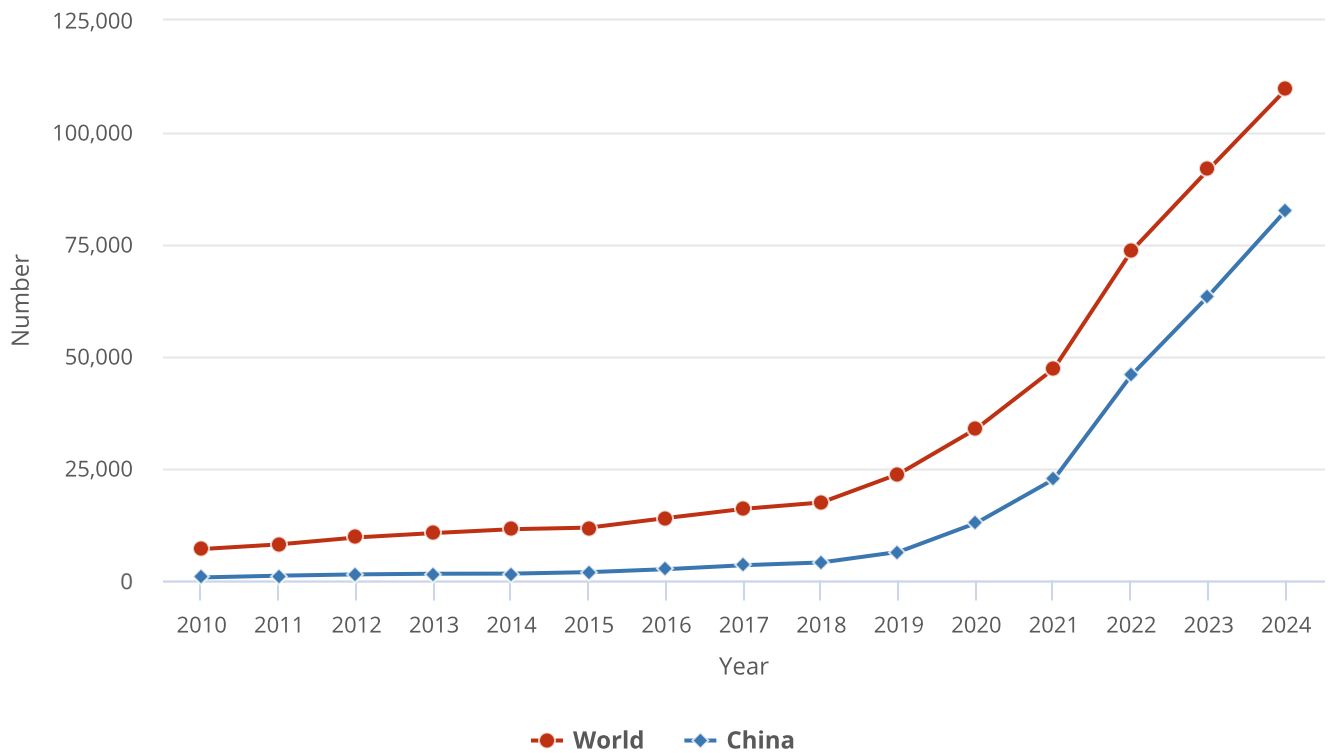


Figure TRN-8. Priority patent families granted in artificial intelligence, machine learning, autonomy, and related advances, for the world and China: 2010–24**Note(s):**

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. 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-15. China includes Hong Kong.

Source(s):

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

Science and Engineering Indicators