

Global Innovation Index

September 30, 2022

In news— World Intellectual Property Organisation (WIPO) has released the 15th edition of Global Innovation Index (GII) recently.

About the Index-

- **GII is published by WIPO, in partnership with the Portulans Institute** and with the support of its corporate partners including the Confederation of Indian Industry (CII), the Brazilian National Confederation of Industry (CNI), Ecopetrol (Colombia), and the Turkish Exporters Assembly (TIM).
- In its annual ranking of the world's economies on innovation capacity and output, the GII shows some key changes in the top 15 of the ranking, with the US climbing to the second position, the Netherlands reaching the fifth position, Singapore rising to 7th, Germany at 8th and China up one place to 11th and on the doorstep of the top 10.
- As per the index, **Switzerland, the US, Sweden and the Netherlands are the world's most innovative economies.**

Top three innovation-economies by region



* Top three in sub-Saharan Africa (SSA) – excluding island economies. The top four in the region comprise Mauritius (27), South Africa (27), Botswana (27), and Kenya (27).
 † Top three in Northern Africa and Western Asia (NAWA) – including island economies. The top four in the region, including all economies, are as follows: Israel (27), Cyprus (27), United Arab Emirates (27) and Türkiye (27).
 ‡ Indicates a new entrant into the top three in 2021, and
 § Indicates the movement of rank within the top three, relative to 2021.

Top three innovation-economies by income group

High income	Upper middle income	Lower middle income	Low income
1. Switzerland 2. United States of America † 3. Sweden †	1. China 2. Bulgaria 3. Malaysia	1. India † 2. Viet Nam † 3. Iran (Islamic Republic of) †	1. Rwanda 2. Madagascar † 3. Ethiopia †

Source: United Innovation Index Database, WIPO, 2022.
 Notes: World Bank Income Group Classification (June 2021). Year-on-year % rank changes are influenced by performance and methodological considerations; some missing data are imputed (see Appendix B).

- **India and Turkey have entered the top 40 for the first time.**
- India (40) leads the central and south Asian region and reaches the top 40, after making it into the top 50 in 2020.
- The Islamic Republic of Iran (53) and Uzbekistan (82) follow. **India has moved up the ranking consistently since 2015 when it was ranked 81st.**
- India is the innovation leader in the lower middle-income group.
- It continues to lead the world in ICT (information, communication and tech) services exports and holds top rankings in other indicators, including venture capital

receipt value, finance for startups and scaleups,
graduates in science and engineering, labour
productivity growth and domestic industry
diversification.