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U.S. Chamber International IP Index • Sixth Edition • February 2018



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**U.S. Chamber International IP Index
Sixth Edition • February 2018**

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Purpose of an IP Index

- IP Strength: **If we can't measure it, we can't improve it.**
- **Fills significant gaps** in understanding of global IP policy
- Provides an **objective metric** covering all forms of intellectual property
- Establishes a basis for **like-to-like comparisons** among markets
- Enables a **bird's-eye view** of the global IP landscape

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IP Index – Basic Construction

- The Index **began in 2012** examining 11 countries across 25 indicators.
- In 2018, the Index measures **50 economies** across **40 indicators**.
- Each indicator is given **equal weight**, and countries can score values between 0 and 1 for a total possible score of 40 points.
- Indicators examine **8 categories of IP protection** – patents, copyrights, trademarks, trade secrets and market access, commercialization of IP assets, enforcement, systemic efficiency and ratification of international treaties.

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Indicators

INDICATOR

Category 1: Patents, Related Rights, and Limitations

1. Patent term of protection
2. Patentability requirements
3. Patentability of computer-implemented inventions (CIIIs)
4. Pharmaceutical-related patent enforcement and resolution mechanism
5. Legislative criteria and active use of compulsory licensing of patented products and technologies
6. Patent term restoration for pharmaceutical products
7. Membership in Patent Prosecution Highways (PPHs)
8. Patent opposition

Components of the Indicators:

- Basic protection of the right
- Scope of eligibility
- Rule of law and enforcement



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What's new in 2018?

1. **Increased the number of indicators by 15%:**

- The Index has grown from 35 indicators to 40
- New indicators include:
 - Membership of a Patent Prosecution Highway (PPH)
 - National efforts at coordinating IP rights enforcement
 - Awareness raising activities
 - Capacity building and training on how to use IP as a commercial and economic asset

2. **Re-categorized the Index:**

- New Category 5: Commercialization of IP Assets (1 new indicator + 2 existing indicators on localization and barriers to licensing)
- New Category 7: Systemic Efficiency (with 3 new indicators)

3. **Added 5 additional economies to bring the total to 50:**

- Additional economies strengthen Index's geographical coverage of Latin America, Europe and Middle East and Africa

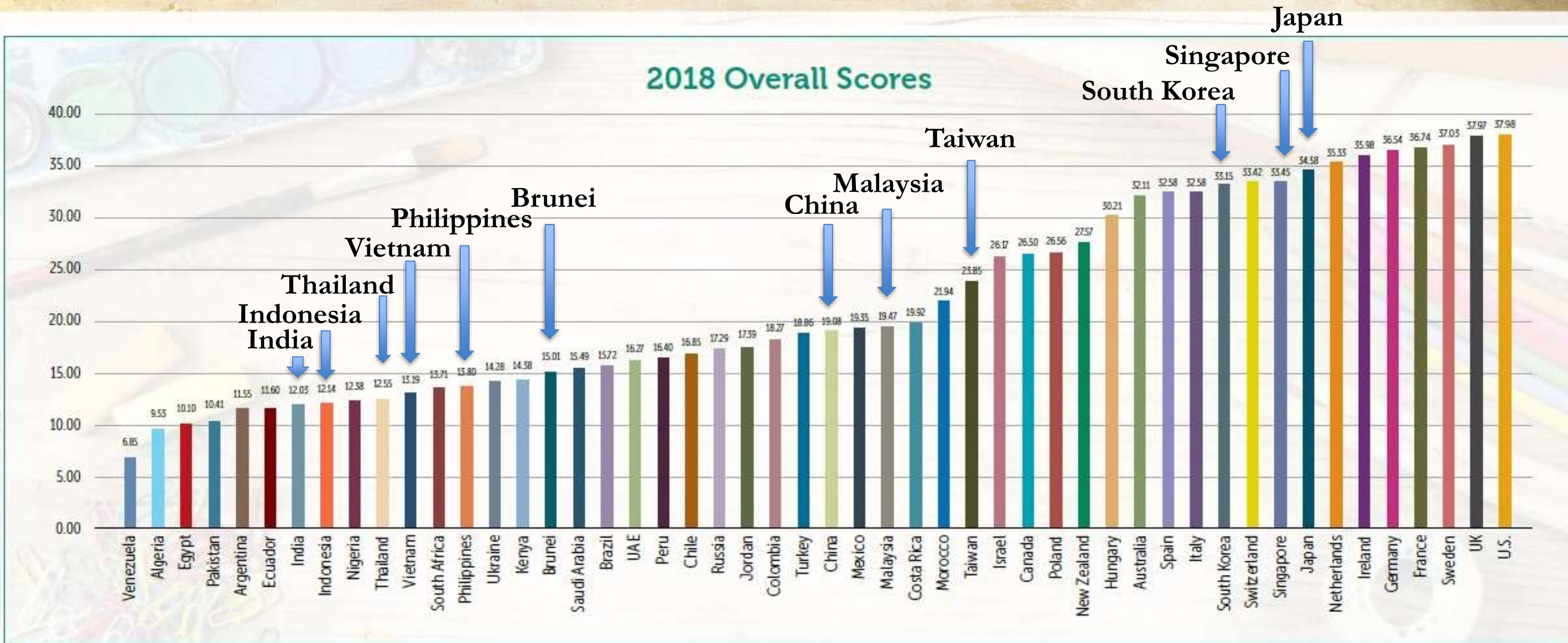
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2018 Overall Scores





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Sixth Edition Results: Southeast Asia

Malaysia: Highest-ranked middle income economy, Strong focus on IP as an economic asset; Efforts to strengthen intergovernmental coordination on IP and promote IP awareness; Issuance of government-use license undermines life sciences IP protection

Singapore: Advanced IP framework across all categories; Stronger enforcement measures needed to stop counterfeit goods in-transit



Brunei: Acceded to WIPO Internet Treaties in 2017; Newly established IP office; Removed from Special 301 report; gaps in life sciences protection; limited mechanisms to address online piracy

Philippines: Administrative IP courts in place; Efforts to strengthen intergovernmental coordination on IP and promote IP awareness; gaps in life sciences protection; online piracy remains high

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Sixth Edition Results: Southeast Asia

Thailand: Efforts to disable access to copyright infringing content online; Prioritize intergovernmental IP enforcement coordination; Removed from Special 301 Priority Watch List; life sciences IP incompatible with TRIPS; significant enforcement challenges

Indonesia: Notification system to disable access to copyright infringing websites; Strong intergovernmental IP enforcement coordination; Patent law weakens IP protection and increases localization barriers



Vietnam: New criminal standards for IP infringement; promote commercialization of IP and IP awareness campaigns; gaps in high life sciences protection exist; high rates of online piracy, physical counterfeiting; challenging enforcement environment

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IP Matters!

Since 2014, the Index has included a statistical analysis of relationship between Index scores and economic variables, which illustrates how IP drives economic activity.

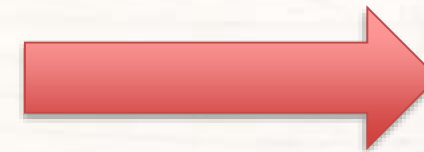
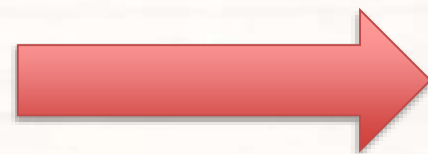
Input:

- R&D expenditure
- Access to venture capital
- Foreign direct investment

Output:

- Growth of high-tech sectors
- Innovative & creative output
- Stronger overall business environment

IP



Creation of
knowledge-based
economies

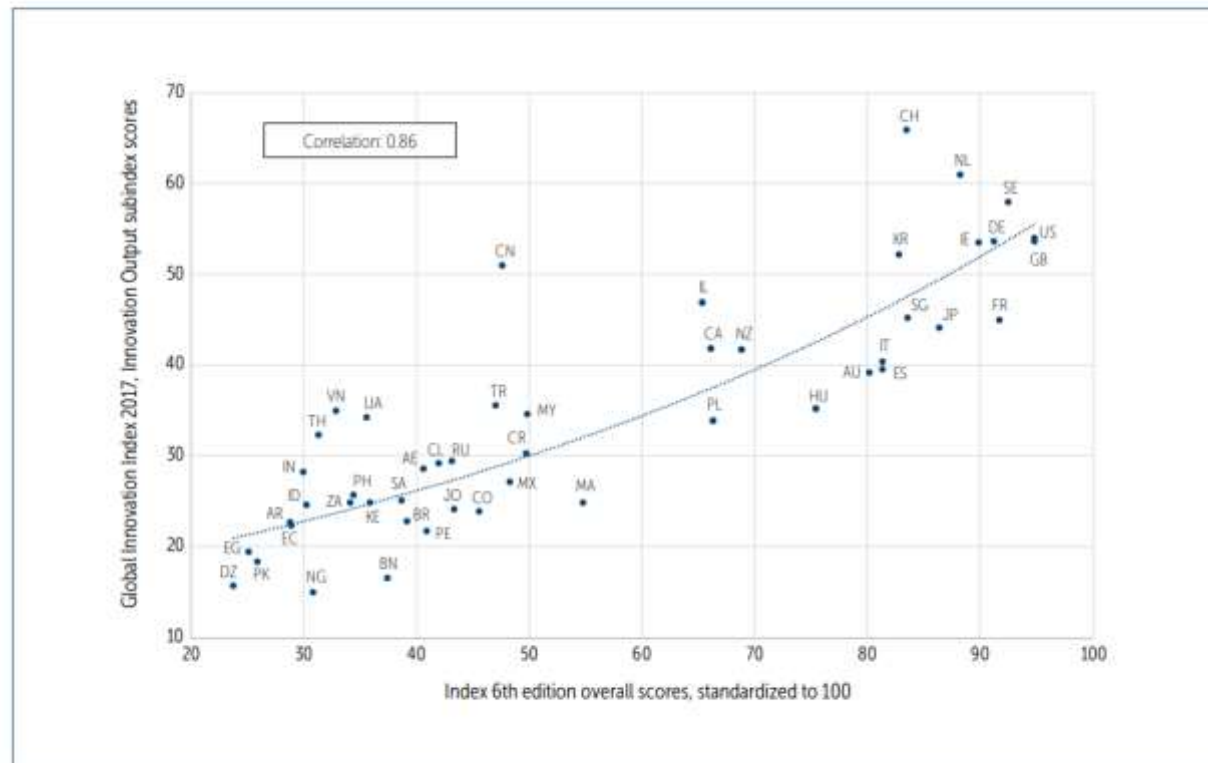


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IP and Innovation

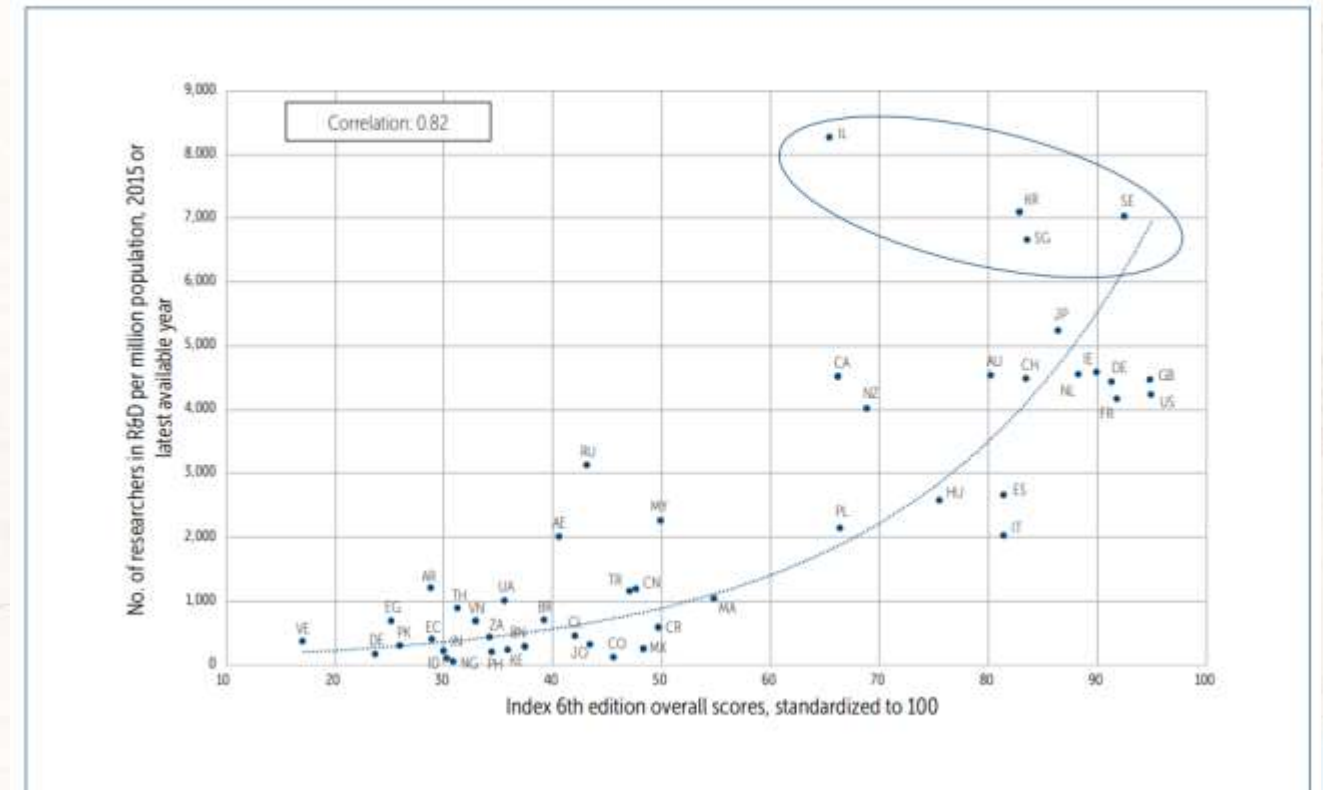
Levels of Innovation Increase in Strong IP Environments
Association between Index scores and the Global Innovation Index, Innovation Output subindex scores²⁹



Sources: Global Innovation Index, WIPO/INSEAD (2017), Innovation Output subindex, GIPC (2018), standardized to 100
Note: Data are not available for Taiwan and Venezuela

IP and R&D

The Stronger the IP Environment, the Higher the Number of Researchers
Association between Index scores and the number of researchers in R&D



Sources: The World Bank, GIPC (2018)
Note: Data are not available for Peru, Saudi Arabia, and Taiwan.

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