

**SINGAPORE**

# GLOBAL INNOVATION INDEX 2023



**5<sup>th</sup>**

**Most Innovative Country In The World**

The Global Innovation Index (GII), organised by the World Intellectual Property Organization, is an annual ranking of more than 130 world economies according to their innovation capabilities.

## SINGAPORE'S INNOVATION ACTIVITIES

**12<sup>th</sup>**

**Innovation Output**  
Represents the results of innovative activities within the economy

**1<sup>st</sup>**

**Innovation Input**  
Indicates the elements of the national economy that enable innovative activities



**1<sup>st</sup>**

**Institutions**

Refers to the institutional framework of a country that attracts business and fosters growth by providing good governance, protection, and incentives



**2<sup>nd</sup>**

**Human Capital and Research**

Refers to the level and standard of education and research activity in an economy, which are the prime determinants of the innovation capacity of a nation



**3<sup>rd</sup>**

**Business Sophistication**

Identifies the level of business sophistication to assess how conducive firms are to innovation activity

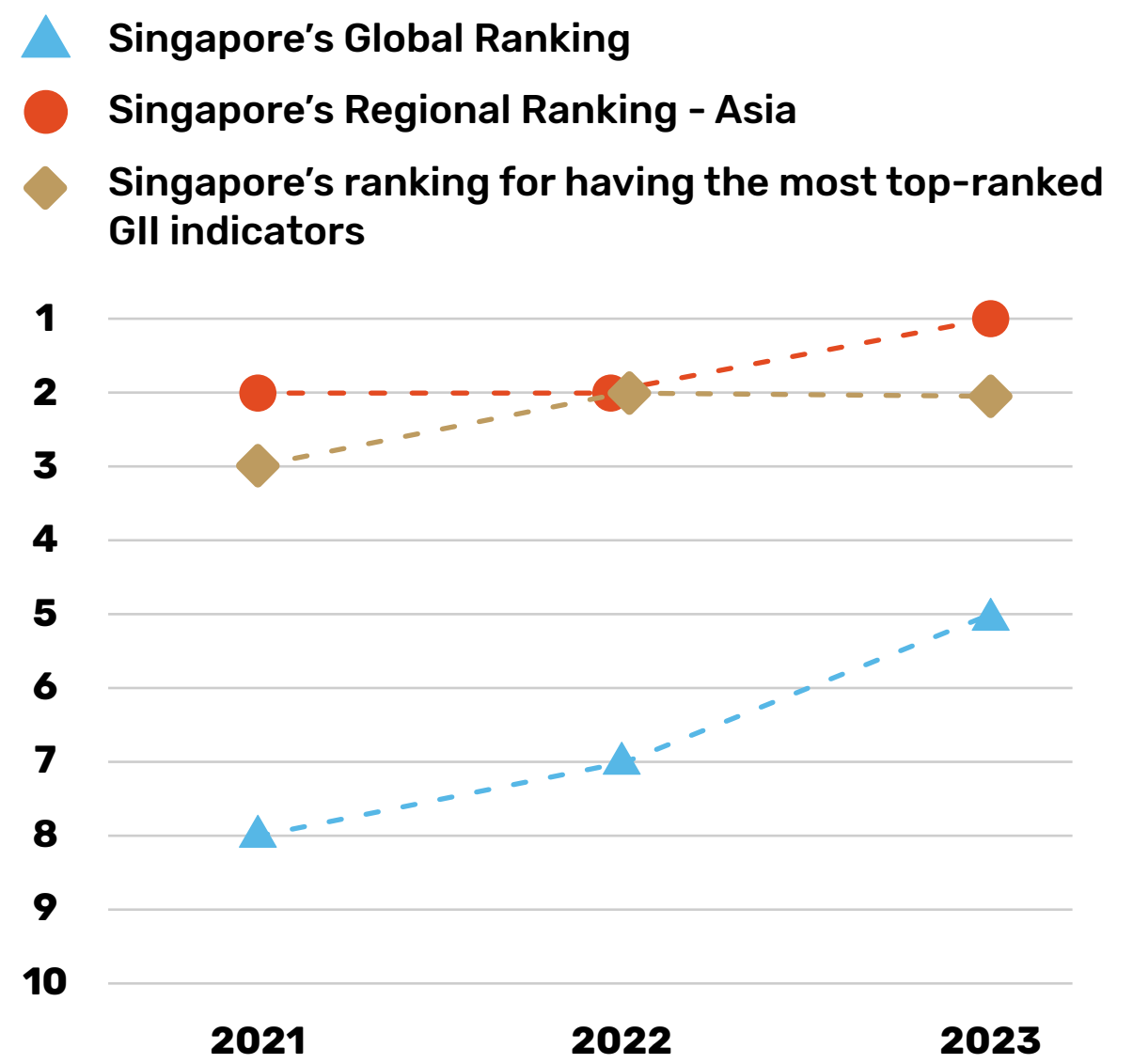
\*Pillars – Institutions, Human Capital and Research, and Business Sophistication – are Singapore's strengths amongst the top 25 ranked high income economies

## GLOBAL OVERVIEW

### Top 10 Ranked Economies in 2023

		From 2022
Switzerland	1	-
Sweden	2	↑1
United States of America	3	↓1
United Kingdom	4	-
Singapore	5	↑2
Finland	6	↑3
Netherlands	7	↓2
Germany	8	-
Denmark	9	↑1
Republic of Korea	10	↓4

## SINGAPORE'S RANKING



## TRENDS IN SINGAPORE'S IP-RELATED INDICATORS

### From 2021 to 2023

#### INTELLECTUAL PROPERTY TRADE FLOWS

**8<sup>th</sup> → 9<sup>th</sup> → 9<sup>th</sup>**

**Intellectual property payments, % total trade**  
Payments made to other countries for the use of their intellectual property

**15<sup>th</sup> → 17<sup>th</sup> → 16<sup>th</sup>**

**Intellectual property receipts, % total trade**  
Payments received from other countries for the use of our intellectual property

#### PATENTS

**15<sup>th</sup> → 14<sup>th</sup> → 14<sup>th</sup>**

**Patent families/bn PPP\$ GDP**  
Number of patent families filed by Singapore residents in at least two offices

**26<sup>th</sup> → 25<sup>th</sup> → 24<sup>th</sup>**

**Patents by origin/bn PPP\$ GDP**  
Number of patents filed in Singapore by Singapore residents

#### TRADE MARKS

**92<sup>nd</sup> → 89<sup>th</sup> → 87<sup>th</sup>**

**Trade marks by origin/bn PPP\$ GDP**  
Number of trade marks filed in Singapore by Singapore residents

#### INDUSTRIAL DESIGNS

**79<sup>th</sup> → 76<sup>th</sup> → 66<sup>th</sup>**

**Industrial designs by origin/bn PPP\$ GDP**  
Number of industrial designs filed in Singapore by Singapore residents

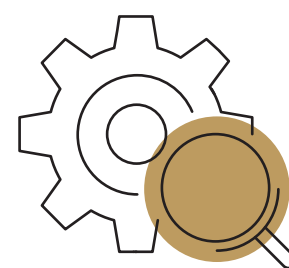
## SINGAPORE'S TOP RESEARCH, INNOVATION & ENTERPRISE (RIE) INDICATOR RANKINGS

### From 2021 to 2023



**NA → 1<sup>st</sup> → 1<sup>st</sup>**

**Venture capital invested, % GDP**  
Total value of venture capital invested in Singapore



**19<sup>th</sup> → 19<sup>th</sup> → 16<sup>th</sup>**

**R&D expenditure, % GDP**  
Total value of R&D expenditure in Singapore



**5<sup>th</sup> → 5<sup>th</sup> → 5<sup>th</sup>**

**Researchers**  
Total number of full-time equivalent researchers in Singapore, per million people

Note: Some indicators are scaled to make them comparable across economies