



## Press Release

### **India's Internet Resilience ranks sixth in South Asia: ahead of Pakistan, behind Bhutan, Bangladesh**

- *New index is the first of its kind tracking Internet resilience globally*
- *Reveals India's Internet security to be robust, but its infrastructure and market readiness lacking*

**Washington, D.C. – 7 August:** Today the [Internet Society](#), a global, charitable nonprofit that works to keep the Internet open, globally connected and secure, launched the [Internet Resilience Index \(IRI\)](#), a first-of-its-kind tool that offers insight into the Internet resilience of 170 countries worldwide. A resilient Internet connection is one that maintains an acceptable level of service in the face of faults and challenges to normal operation and is an increasing focus for policymakers and activists worldwide as Internet infrastructure becomes essential for a nation's economy and society.

The IRI, hosted on the Internet Society's [Pulse Platform](#) tracks resilience across key metrics, including infrastructure, performance, security, and market readiness. The IRI will help inform policies and infrastructure development to improve Internet resilience at the local, regional, and global level.

India achieved an overall score of **43 percent** in the IRI, ranking sixth in the South Asian region behind Bhutan (58%), Bangladesh (51%), Maldives (50%), Sri Lanka (47%) and Nepal (43%). India's security is ranked above average, attributed to having the highest IPv6 (the newest Internet Protocol to accommodate growing networks) adoption in the world. Market readiness - the ability of India's Internet market to self-regulate and provide affordability - is ranked comparatively poorly.

Decision-makers in India can use this snapshot to understand the strengths and weaknesses in their Internet ecosystem and make data-driven decisions on where invest to improve the country's overall resilience.

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According to the four pillars that make up the IRI, India's scores are as follows:

- **Infrastructure:** 31%
  - The score assesses the existence and availability of physical infrastructure for Internet connectivity in India. India's mobile coverage is far greater than its fixed network coverage.
- **Performance:** 40%
  - The score assesses the ability of India's networks to provide end-users with seamless and reliable access to Internet services. Broken down further, India's mobile performance (29%) is nearly less than half of fixed network performance (55%).
- **Security:** 66%
  - The score measures the ability of India's networks to resist intentional or unintentional disruptions through the adoption of security technologies and best practices.
- **Market Readiness:** 35%
  - The score measures the ability of India's market to self-regulate and provide affordable prices to end-users by maintaining a diverse and competitive market.

The IRI is part of the Internet Society's [Pulse Platform](#), a global resource that gathers data from trusted sources to help everyone understand the health, availability, and evolution of the Internet.

The Internet plays a critical role in society today and the COVID-19 pandemic further underscored the importance of reliable Internet connectivity for everyone. Unfortunately, not all countries have reliable Internet infrastructure. Low-income countries often have under-provisioned networks and lack both robust cable infrastructure and redundant interconnection systems.

In these countries or regions, the likelihood of Internet outages occurring is much higher than elsewhere, neighboring countries are less likely to provide interconnection, and global providers are less likely to invest to improve existing infrastructure because the Internet is not reliable enough. The cost of Internet access for end users is also higher.

The IRI is built using best practices according to the EU-JRC and the [OECD Handbook on Constructing Composite Indicators](#), and uses the same methodology as currently existing indices

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such as the [GSMA Mobile Connectivity Index](#), the [Facebook/EIU Inclusive Internet Index](#) and the [Web Foundation Web Index](#). The full overview of the methodology used [is available here](#).

### **About the Internet Society**

Founded in 1992 by Internet pioneers, the Internet Society is a global non-profit organization working to ensure the Internet is for everyone. Through its community of members, special interest groups, and 130+ chapters around the world, the organization defends and promotes Internet policies, standards, and protocols that keep the Internet open, globally connected, and secure. For more information, please visit [internetsociety.org](http://internetsociety.org).

### **Media Contact**

Allesandra de Santillana

Media Relations Director

Internet Society

[desantillana@isocfoundation.org](mailto:desantillana@isocfoundation.org)