Caribbean's Internet Resilience Shows Promising Growth, Jamaica Lagging: Internet Society Pulse Country Report 2024

Thursday, 6 March: According to new data released by the Internet Society, several Caribbean countries continue to strengthen their digital development, marking significant progress in Internet resilience.

The Internet Society's Pulse Internet Resilience Index, which tracks key metrics related to infrastructure, performance, security, and market readiness, shows that **the Caribbean's overall Internet resilience score now stands at 41%**, reflecting a two-percentage-point increase between 2022 and 2023—the latest data available. This means more reliable access to essential online services like education, healthcare, and economic opportunities.

Trinidad and Tobago (50%) secured an impressive three-point increase between 2022 and 2023 to have the highest Internet resilience in the region and move into the ninth-highest overall Internet resilience across the Americas and equal 68th globally.

"Over the last few years, there has been a marked effort to improve Internet infrastructure across Trinidad and Tobago," says, Kevon Swift, Chair of the Internet Society Trinidad and Tobago Chapter. "With five data centers, two active IXPs and over 95% of the population with access to at least one device with 4G mobile Internet, strong foundations have been laid to continue improving Internet access and security across the country, enabling everyone to take advantage of the social and economic benefits that strong, resilient and stable Internet brings to Small Island Developing States (SIDS)."

The next most resilient countries in the region are Saint Vincent and the Grenadines (47%), Saint Kitts and Nevis (46%), Grenada (45%), and Dominica (44%). All but Dominica, experienced between a 2—5% increase.

Jamaica (40%) experienced a two-percentage-point decrease during this time, dropping it to 10th in the region and 120th globally.

As the individual country reports show, these changes are driven by multiple factors, including investment in Internet infrastructure and security, increased usage of IPv6, enabling policies, and growing collaboration among governments, technology providers, and local communities.

An equally contributing factor is how much popular content is accessed through in-country servers and caches. Currently, Grenada has the highest percentage of the 1,000 most popular websites that its Internet users access (49%), followed by Trinidad and Tobago (30%) and Jamaica (29%). Cuba, Dominica, Saint Vincent and the Grenadines, and Saint Kitts and Nevis access between 92—100% of all their most popular content from outside the region.

"Hosting caches of popular content within countries and regions is a cost-effective way to improve Internet performance and resilience," says Michuki Mwangi, Internet Society Distinguished Technologist for Internet Growth.

"Importantly, the cost savings from not having to pay to access the content via international connections can be passed on to Internet users."

The Internet Society is working with local partners in select economies to increase this locally cached content figure to 50% by the end of 2025. Data centers and Internet Exchange Points (IXPs) help in this effort as they help store content closer to end users and create shorter, more direct routes for Internet traffic instead of sending and receiving it via expensive international links.

[IXPs are Internet intersections](#), where networks connect locally to exchange traffic and help make the Internet faster and more affordable.

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For more information, contact Robbie Mitchell, Senior Communication and Technology Advisor at +6591641611 (Signal, WhatsApp)

About the Internet Society
Founded in 1992 by Internet pioneers, the Internet Society is a global charitable organization working to ensure that 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 and technologies that keep the Internet open, globally connected, and secure.

About the Internet Society Pulse
Launched in December 2020, Internet Society Pulse consolidates trusted [third-party](#) Internet measurement data from various sources into a single platform. We use the data presented here to examine Internet trends and tell data-driven stories so that policymakers, researchers, journalists, network operators, civil society groups, and others can better understand the **availability, evolution, and resilience** of the Internet.

Internet Society Pulse:

- Helps everyone better understand the rate of adoption of key new and [enabling Internet technologies](#), helping to identify where more efforts are needed to drive increased adoption.
- Enables journalists to leverage data and graphics to support coverage of relevant Internet-related topics and events.
- Provides policymakers with relevant statistics, data, and context to support their positions and/or influence policy development, especially around Internet shutdowns and local infrastructure resiliency.
- Provides civil society, network operations, and Internet users insight into the availability, reliability, and resilience of local and global Internet infrastructure.

Visuals

1. Internet Resilience Index Scores, Caribbean 2023
   https://public.flourish.studio/visualisation/21743499/
2. Internet Resilience Index Scores, Caribbean, 2019-2023
   https://public.flourish.studio/visualisation/21743394/
3. Internet Resilience Index Scores, Top 20 countries globally
   https://public.flourish.studio/visualisation/21743467