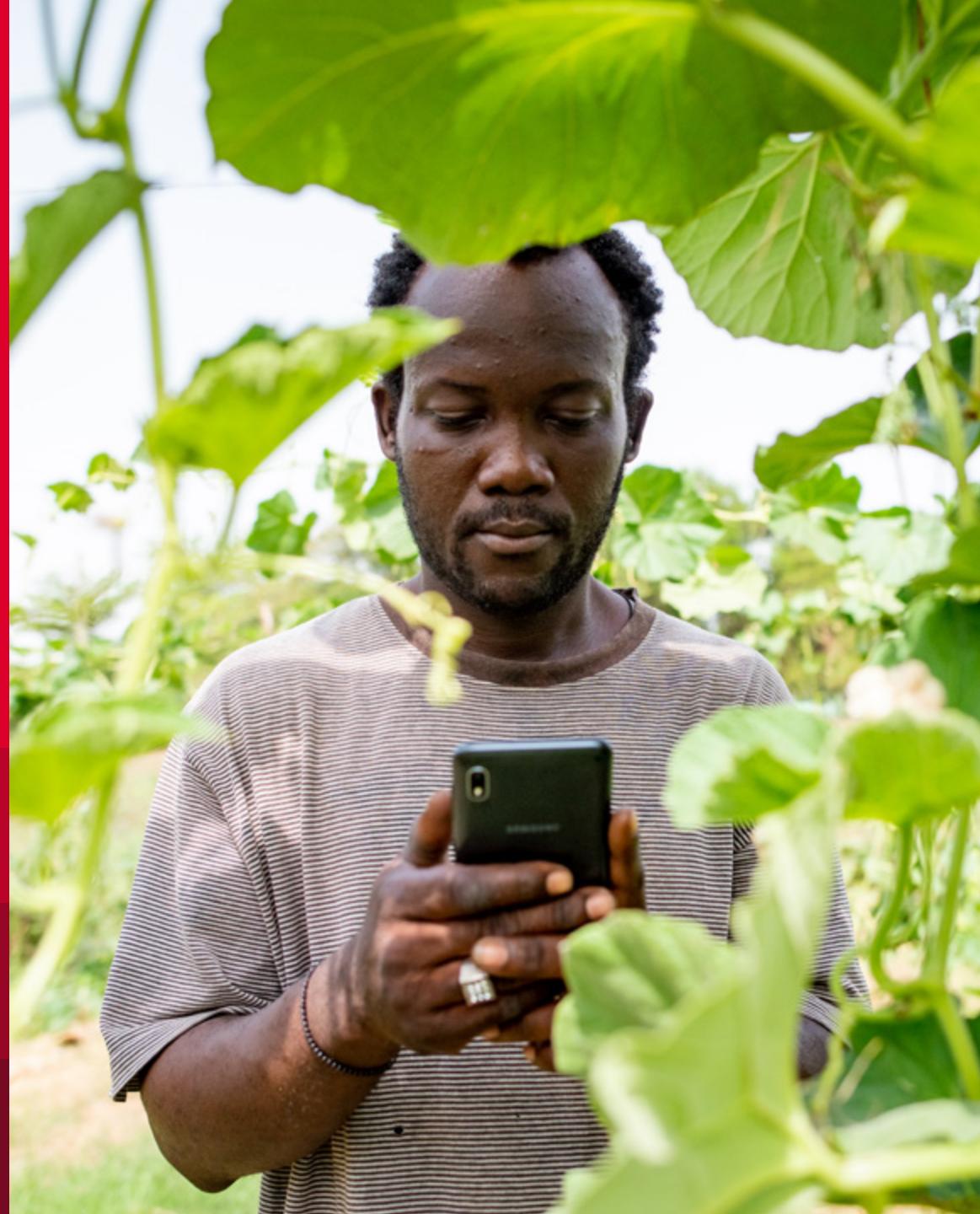


GSMA

State of Mobile Internet Connectivity 2022

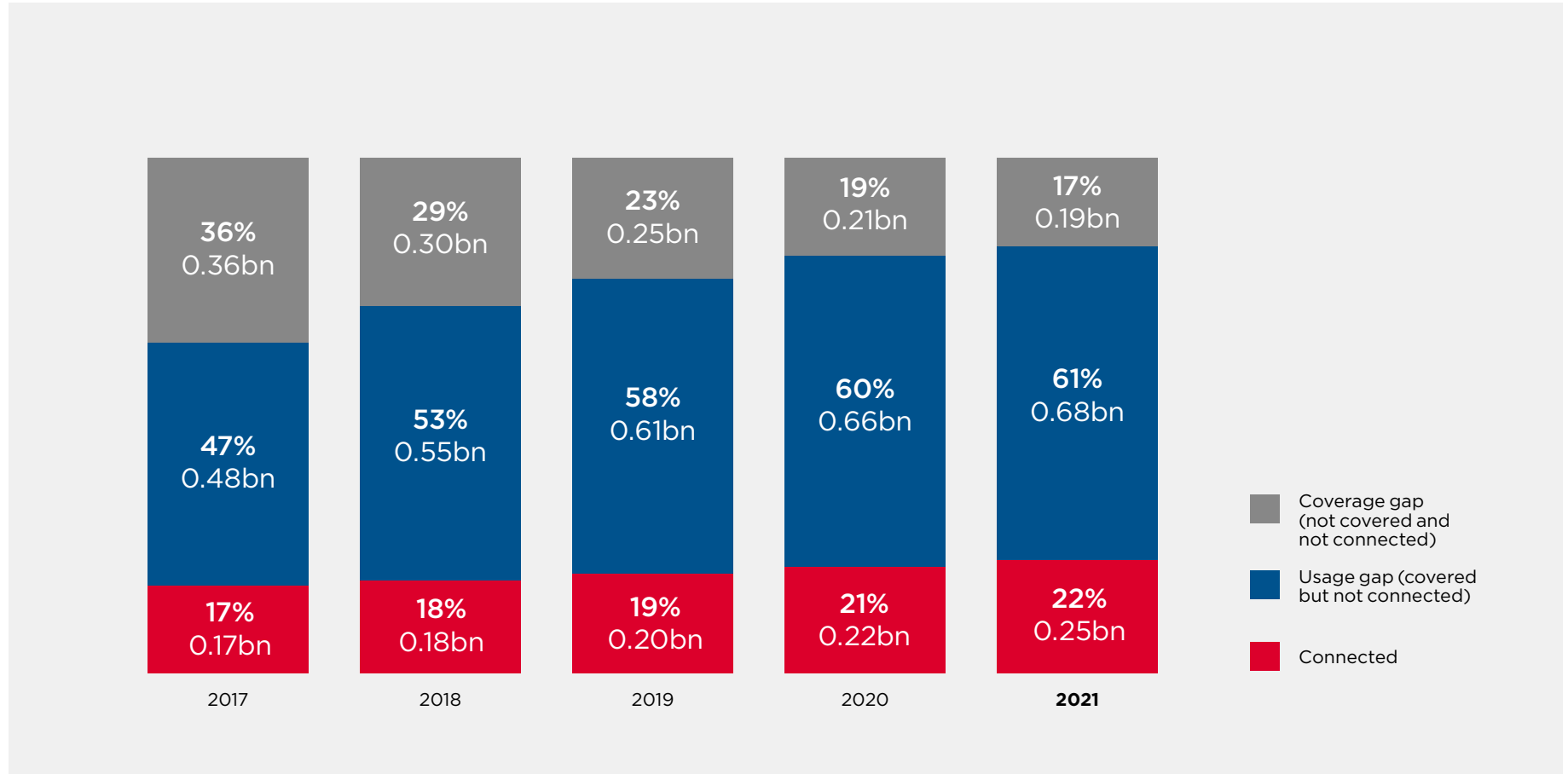
Sub-Saharan Africa Key Trends



Mobile internet connectivity in Sub-Saharan Africa

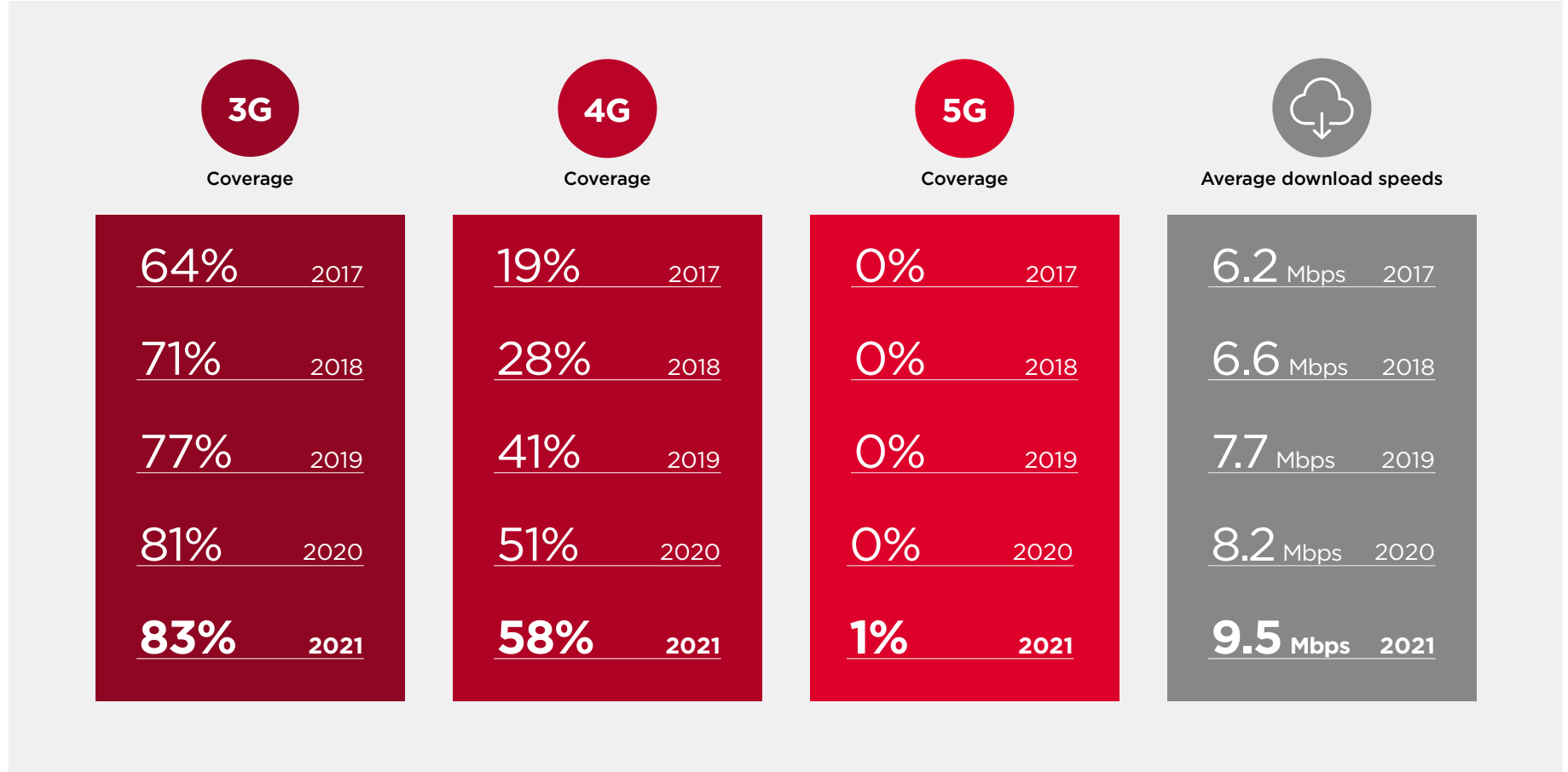
- As a result of continuing mobile broadband investments in the region, there has been a reduction in the coverage gap from 19 percentage points in 2020 to 17 percentage points at the end of 2021. Despite this progress, Sub-Saharan Africa still has the largest coverage and usage gaps.
- Overall trends mask wide regional disparities within Sub-Saharan Africa. In 2021, the coverage gap ranged from 39% in Central Africa to 12% in Southern Africa.

Source: GSMA Intelligence.
 'Usage gap' refers to populations that live within the footprint of a mobile broadband network but who are not using mobile internet. 'Coverage gap' refers to populations that do not live within the footprint of a mobile broadband network (3G or above).
NB: Totals may not add up to 100% due to rounding.



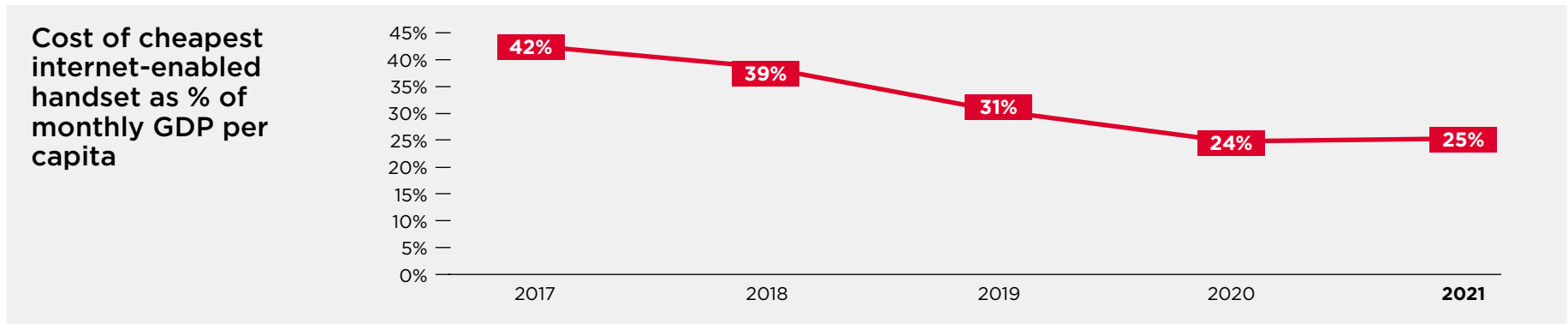
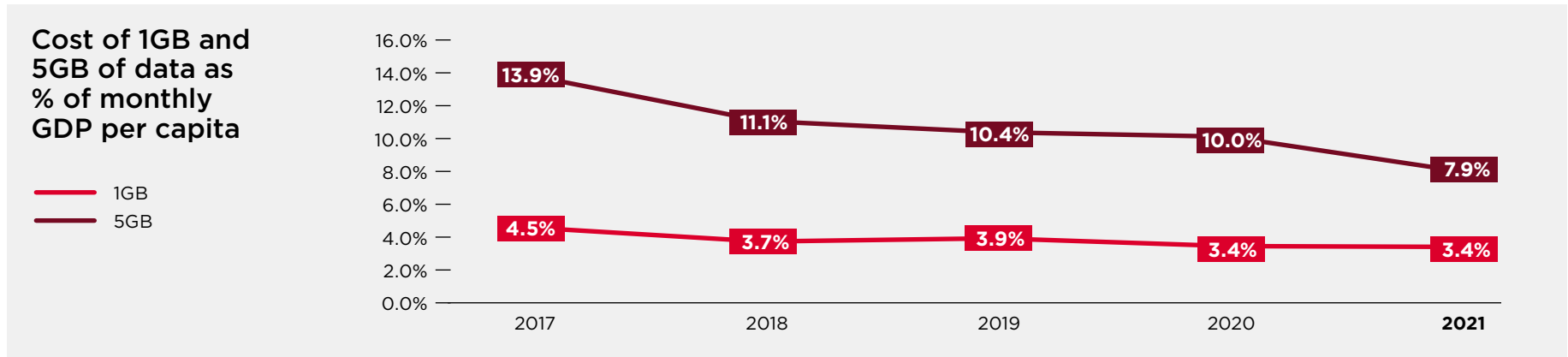
Coverage and download speeds in Sub-Saharan Africa

- The gap between 3G and 4G coverage continues to narrow from 45% in 2017 to 25% in 2021.
- Network quality continues to improve, but download speeds are yet to exceed 10Mbps and Sub-Saharan Africa is lagging other regions.



Affordability of data plans and cheapest internet-enabled handsets across LMICs in Sub-Saharan Africa

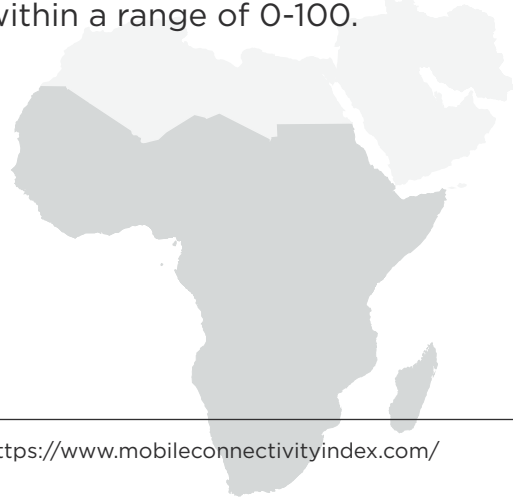
- While the affordability of 5GB has improved in Sub-Saharan Africa, it is still the region with the least affordable data on average.
- In 2020, Sub-Saharan Africa was the only region where affordability of handsets improved. But in 2021 it has remained broadly flat.
- Sub-Saharan Africa is the only region where the cost of 1GB of data as a percentage of monthly GDP per capita exceeds 2%.



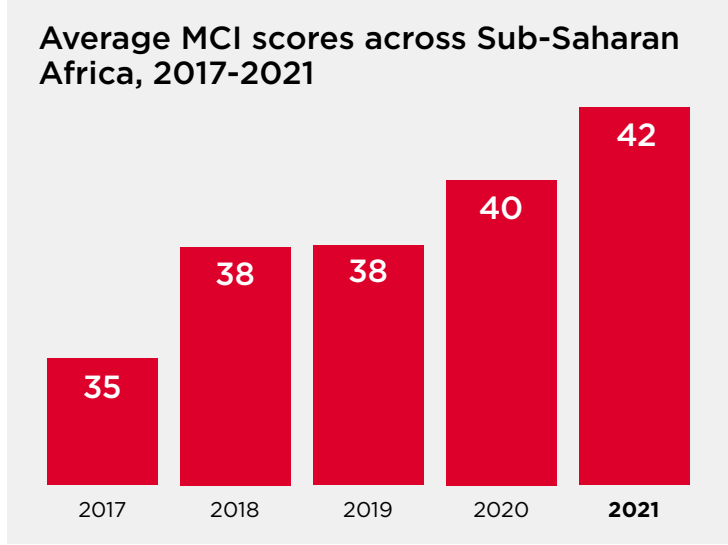
NB: Percentages are rounded.
 'LMICs' refer to low- and middle-income countries.

Mobile Connectivity Index scores in Sub-Saharan Africa

The **Mobile Connectivity Index (MCI)** measures the performance of 170 countries against the four key enablers of mobile internet adoption: infrastructure; affordability; consumer readiness; and content and services. The index is built up through 41 indicators feeding into 14 dimensions that are aggregated to give a score for four enablers. Scores fall within a range of 0-100.

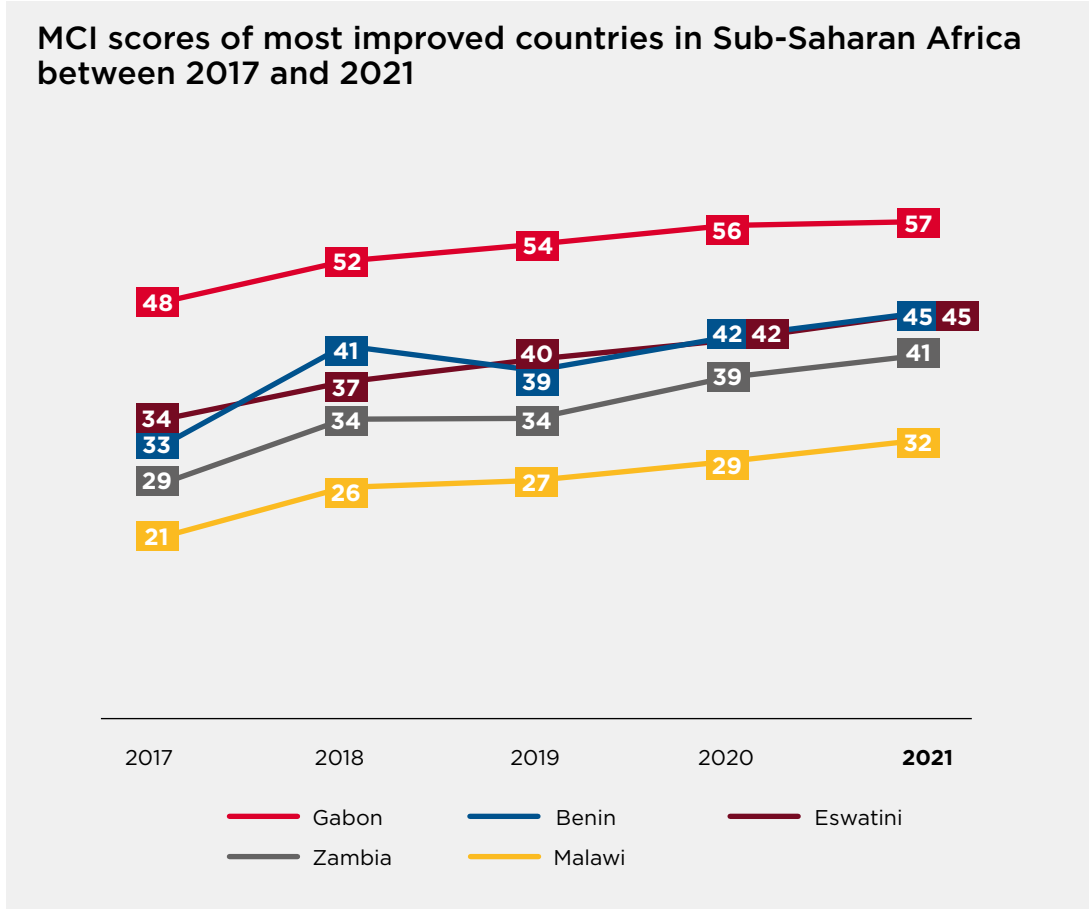


<https://www.mobileconnectivityindex.com/>



Countries at the top of the MCI in Sub-Saharan Africa in 2021

1	Mauritius
2	South Africa
3	Gabon
4	Ghana
5	Botswana



GSMA

The GSMA is a global organisation unifying the mobile ecosystem to discover, develop and deliver innovation foundational to positive business environments and societal change. Our vision is to unlock the full power of connectivity so that people, industry and society thrive. Representing mobile operators and organisations across the mobile ecosystem and adjacent industries, the GSMA delivers for its members across three broad pillars: Connectivity for Good, Industry Services and Solutions and Outreach. This activity includes advancing policy, tackling today's biggest societal challenges, underpinning the technology and interoperability that make mobile work and providing the world's largest platform to convene the mobile ecosystem at the MWC and M360 series of events.

We invite you to find out more at [gsma.com](https://www.gsma.com)
Follow the GSMA on Twitter: [@GSMA](https://twitter.com/GSMA)

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GSMA Connected Society

The Connected Society programme works with the mobile industry, technology companies, the development community and governments to increase access to and adoption of mobile internet, focusing on underserved population groups in developing markets.

For more information, please visit
www.gsma.com/connectedsociety

To get in touch with the Connected Society team, please email connectedsociety@gsma.com

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GSMA Intelligence

GSMA Intelligence is the definitive source of global mobile operator data, analysis and forecasts, and publisher of authoritative industry reports and research. Our data covers every operator group, network and MVNO in every country worldwide — from Afghanistan to Zimbabwe. It is the most accurate and complete set of industry metrics available, comprising tens of millions of individual data points, updated daily.

GSMA Intelligence is relied on by leading operators, vendors, regulators, financial institutions and third-party industry players, to support strategic decision-making and long-term investment planning. The data is used as an industry reference point and is frequently cited by the media and by the industry itself. Our team of analysts and experts produce regular thought-leading research reports across a range of industry topics.

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