

The State of Internet & Peering in Nigeria



International Connectivity Links

Submarine Cable



2002 | **SAT 3 CABLE**
Capacity 1.7 TBps
Portugal & Spain to Nigeria & SA

2010 | **MAIN ONE**
Capacity 8 Tbps | Portugal to Nigeria

2012 | **WASC**
Capacity 30 Tbps | Nigeria to South Africa

2012 | **ACE**
Capacity 12.8 Tbps | France - Nigeria - South Africa

2010 | **GLO 1**
Capacity 16 Tbps | UK to Nigeria

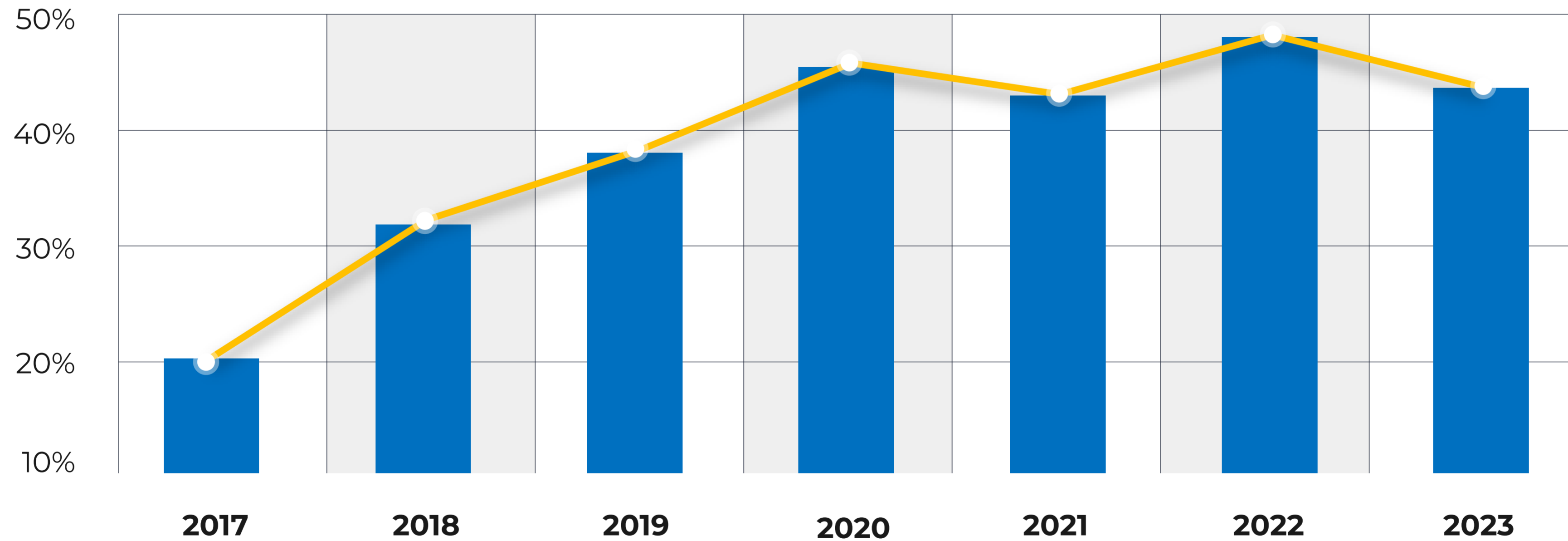
2015 | **NCSCS**
Capacity 12.8 Tbps | Nigeria to Cameroon

2022 | **EQUIANO**
Capacity 144 TBps
Portugal to Nigeria to South Africa

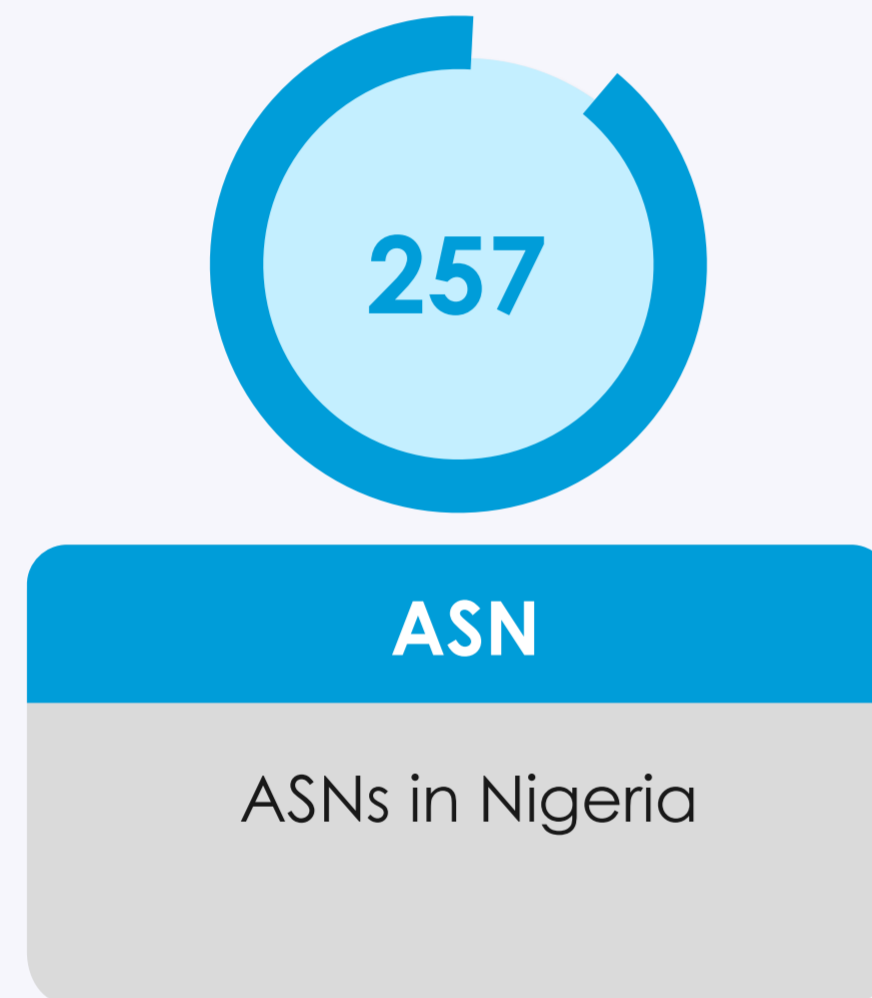
2023 | **2AFRICA**
Capacity 144 TBps
UK to Nigeria to Spain (Around Africa)

Nigeria Internet Penetration

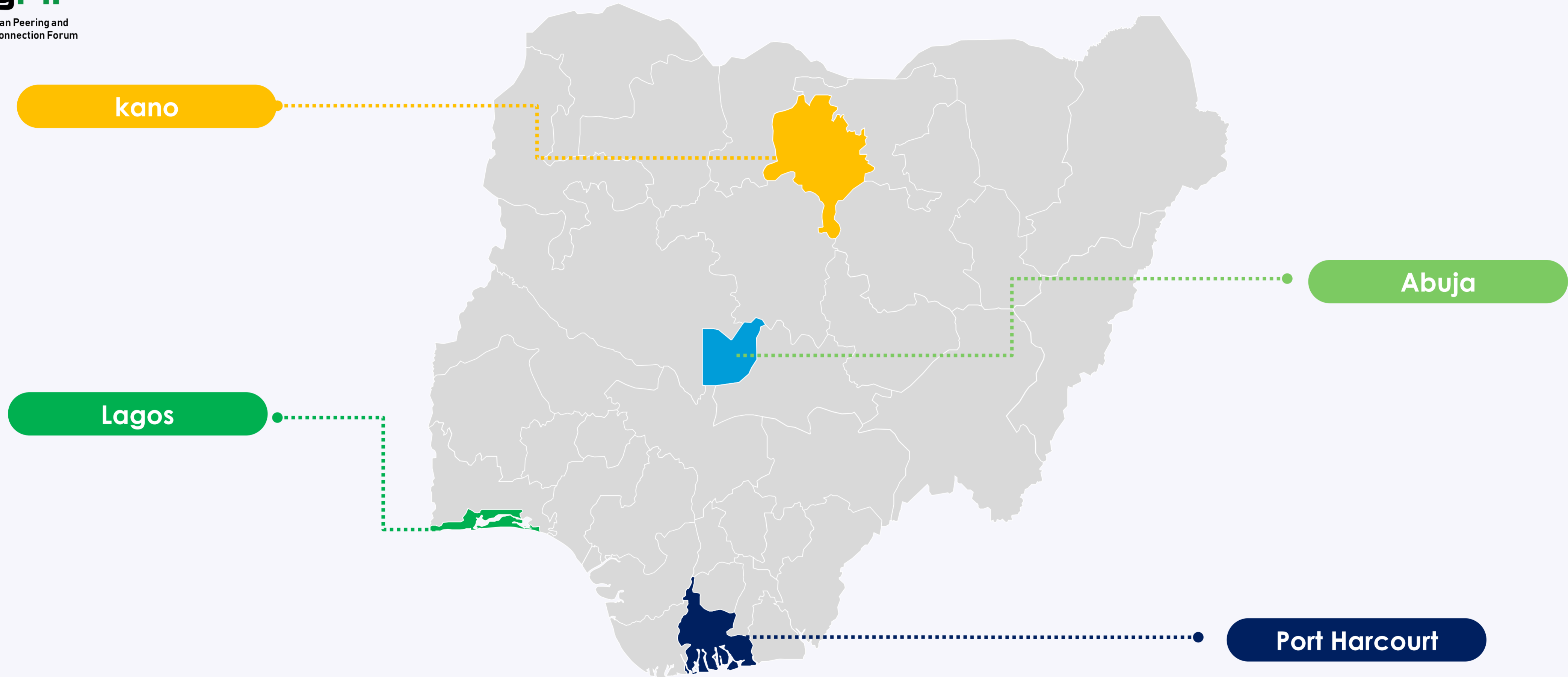
45.57% (August 2023)



IP Resource Statistics



Internet Exchange Presence In Nigeria



Lagos

3 IXP

IXPN – 126 Active Networks
AMSIX – 25 Active Networks
AFCIX – 21 Active Networks

Abuja

1 IXP

Operated by **IXPN**-
27 Active Networks

kano

1 IXP

Operated by **IXPN**-
7 Active Network

Port Harcourt

Port Harcourt

1 IXP

Operated by **IXPN**-
5 Active Network

Local Peering Statistics - IXPN

LAGOS

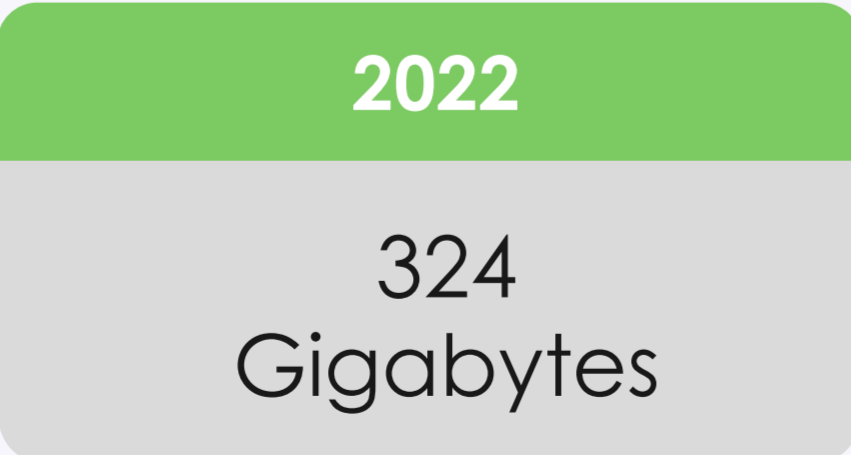
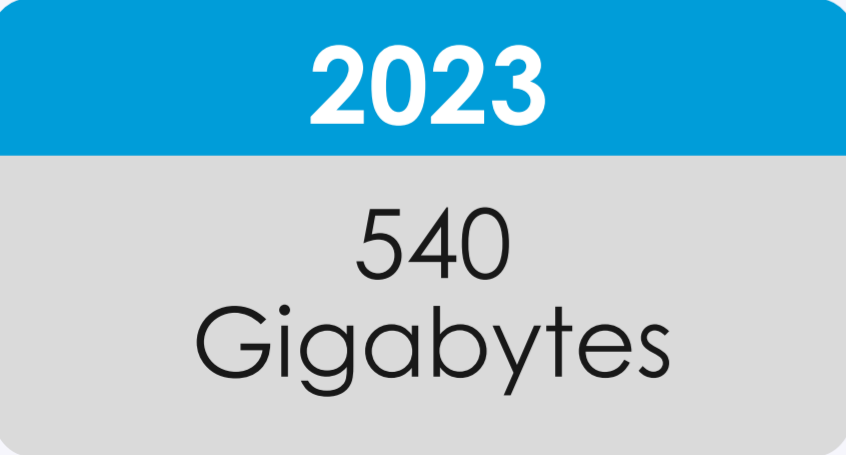
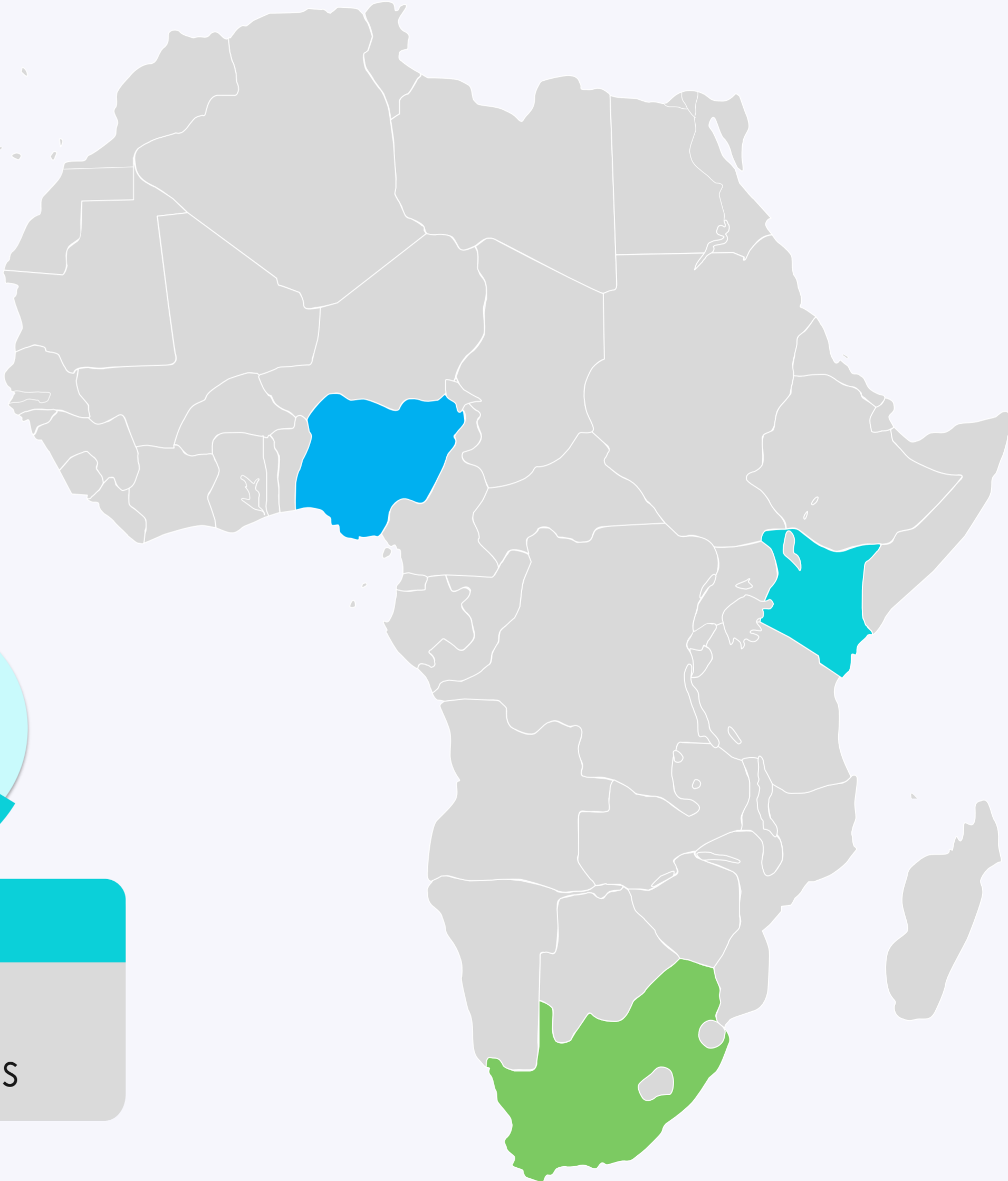
534 Gigabytes

ABUJA

5.6 Gigabytes

KANO

0.6 Gigabytes



Source - IXPN

Mobile Statistics

Mobile (GSM) lines in Nigeria



220,361,186

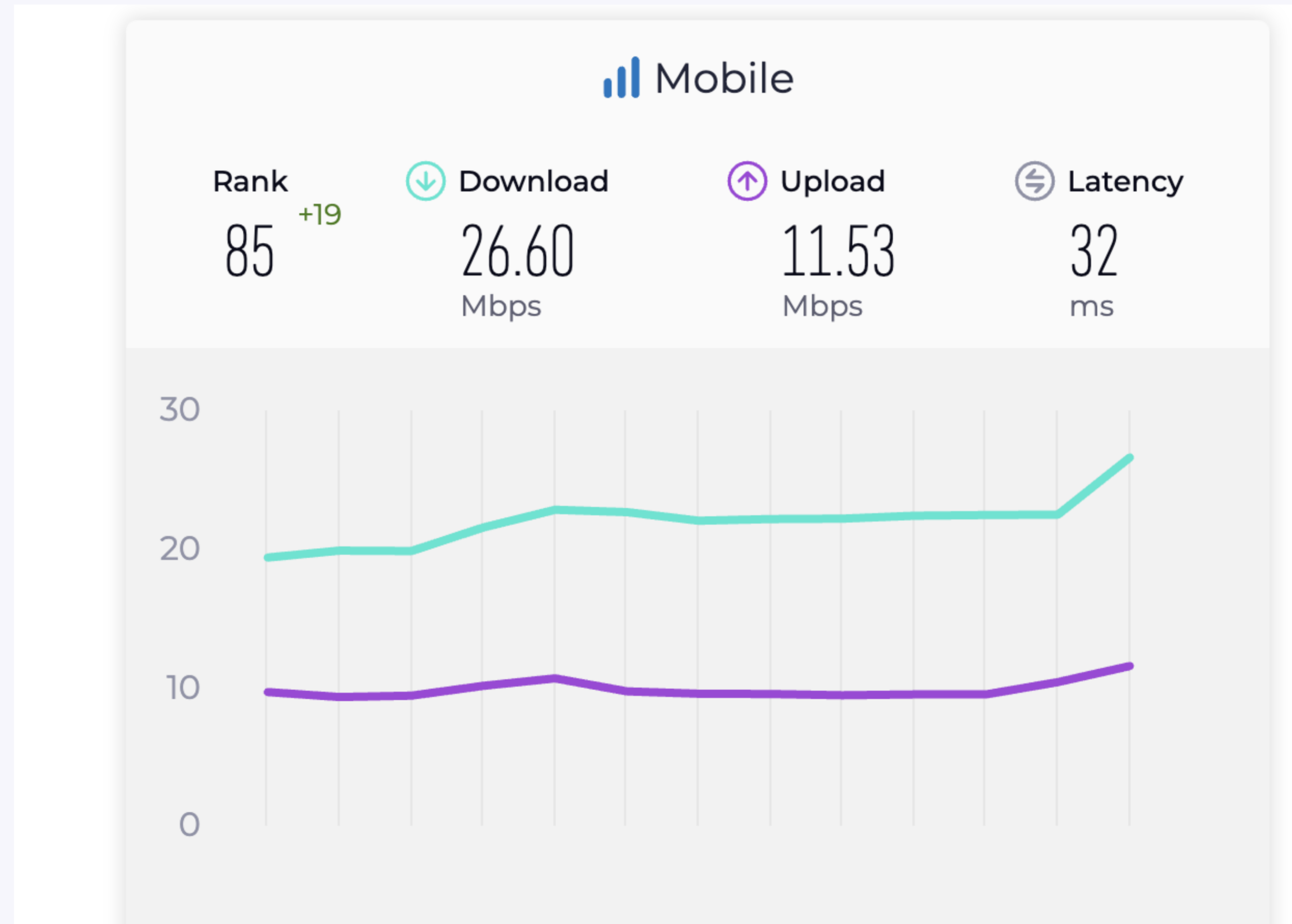
Fixed Wired/Wireless lines in Nigeria



96,796



Nigeria Median Country Speeds September 2023



Comparison Nigeria Mobile Latency to Kenya & South Africa

Nigeria

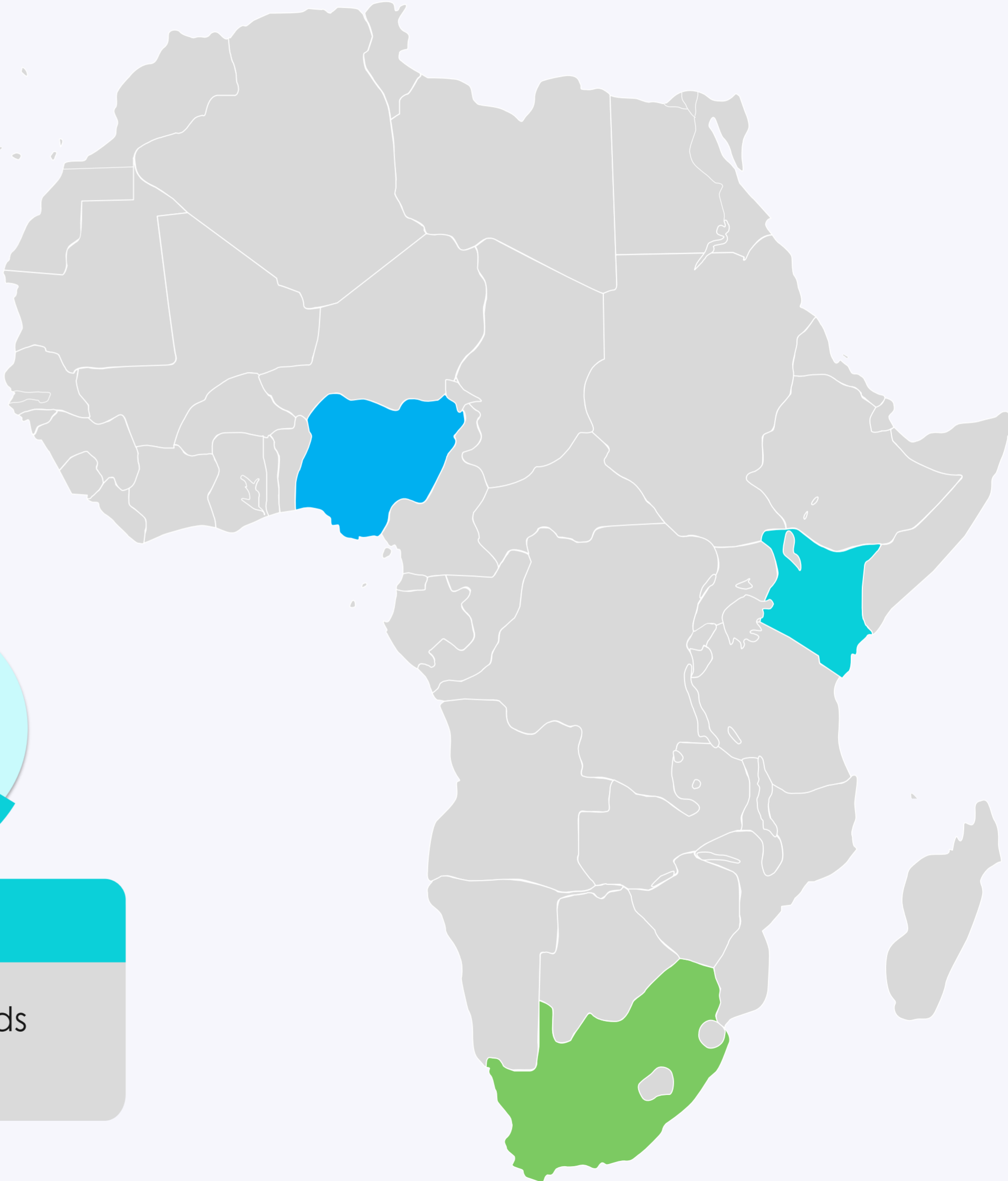
Download – 22.60 Mbps | Upload – 11.53 Mbps

South Africa

Download – 43.80 Mbps | Upload – 7.76 Mbps

Kenya

Download – 22.44 Mbps | Upload – 9.26 Mbps



NIGERIA
32 Milliseconds



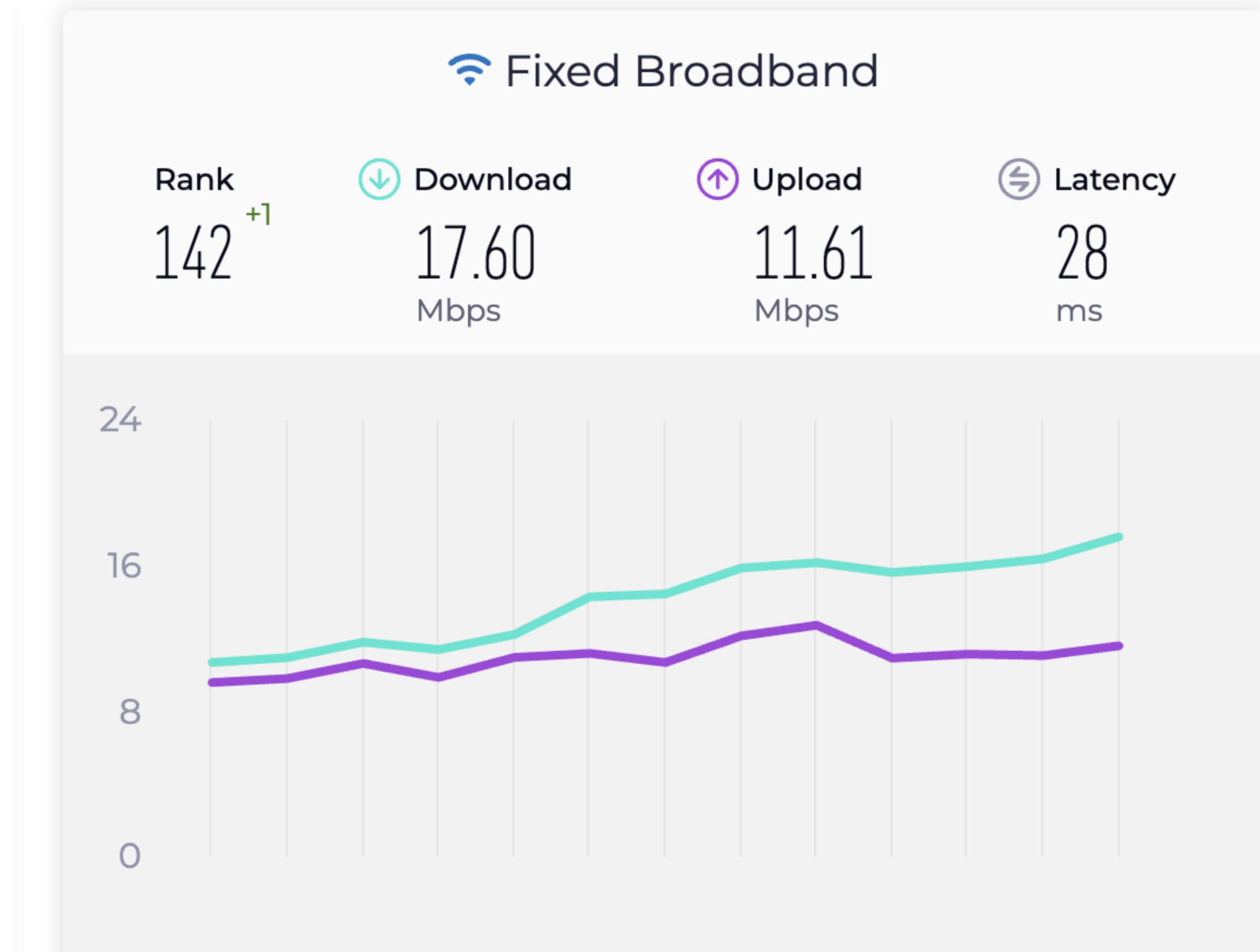
SOUTH AFRICA
24 Milliseconds



KENYA
30 Milliseconds

Source - Ookla's Global Index

Nigeria Median Fixed Broadband Country Speeds September 2023



Comparison Nigeria Fixed Broadband Latency to Kenya & South Africa

Nigeria

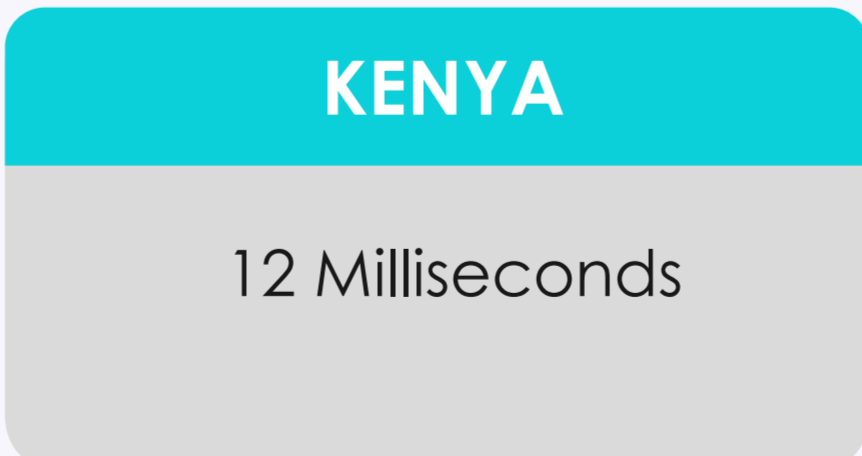
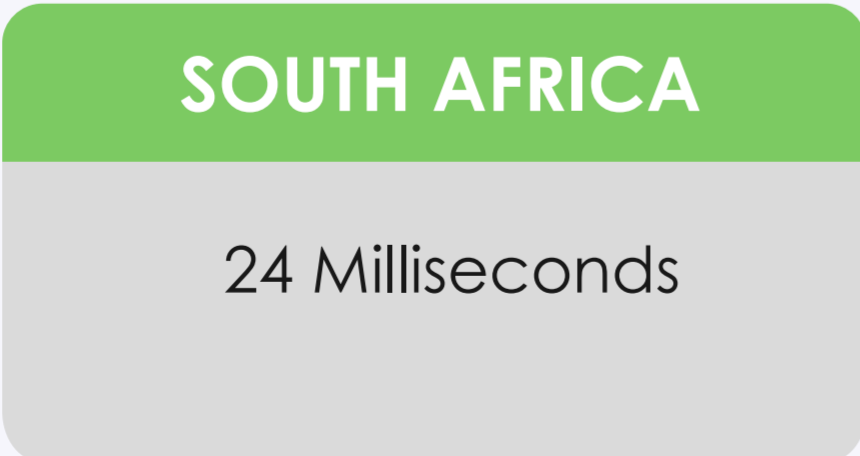
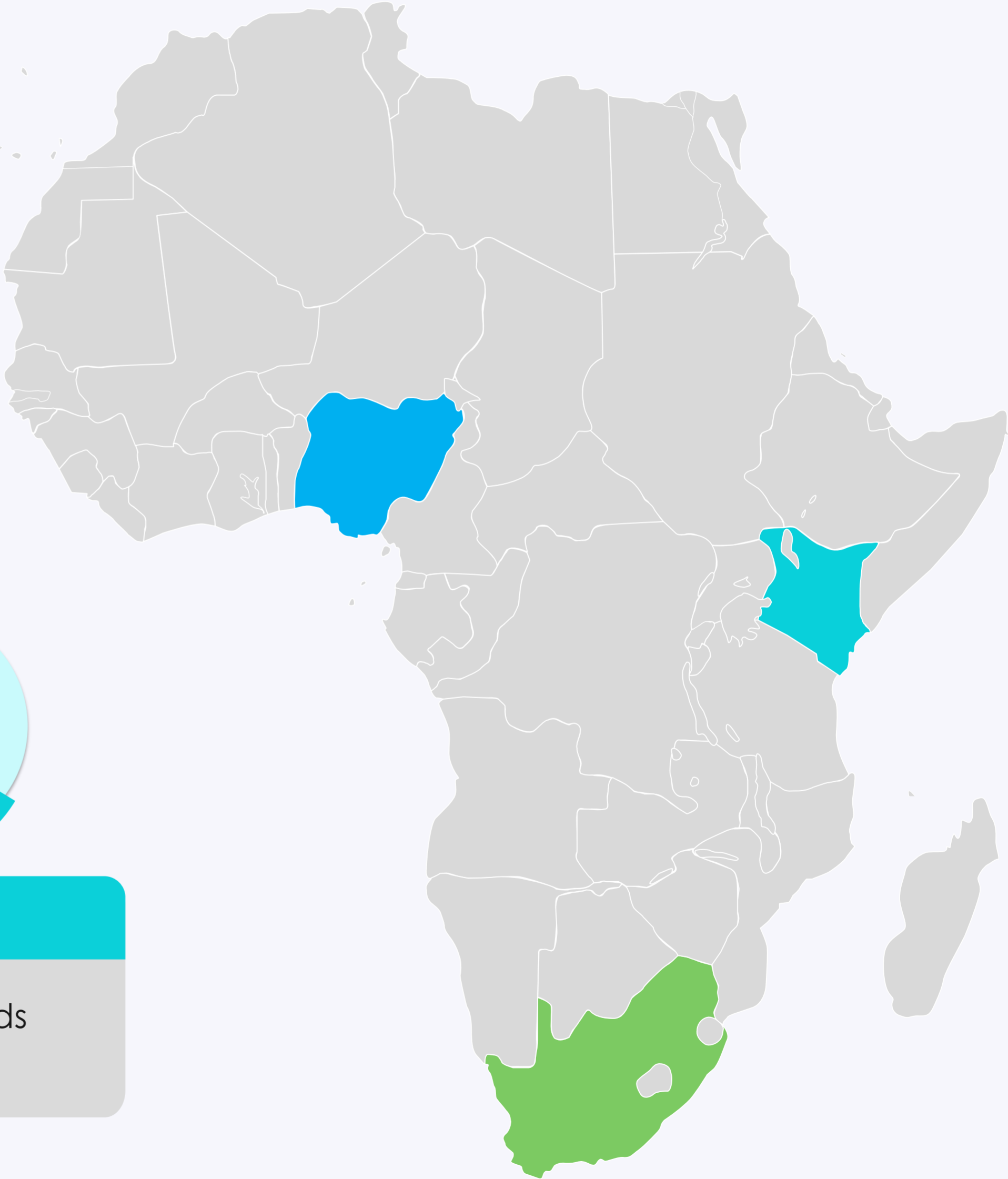
Download – 17.60 Mbps | **Upload** – 11.61 Mbps

South Africa

Download – 42.29 Mbps | **Upload** – 38.33 Mbps

Kenya

Download – 10.19 Mbps | **Upload** – 11.73 Mbps



Source - Ookla's Global Index

Data Centers

LAGOS

- Rack Centre Limited
- Open Access Data Centres
- Mainone Datacentre
- Medallion Datacentres
- Africa Data Centres
- 21st Century Technologies Limited
- Cloud Exchange West Africa Limited
- MTN Nigeria Communications Ltd
- Etisalat Nigeria
- Guaranty Trust Bank (GTBank) PLC
- Airtel (Proposed)
- Kasi Cloud Datacentre (Proposed)

Tier II

1 Data Centre

Tier III

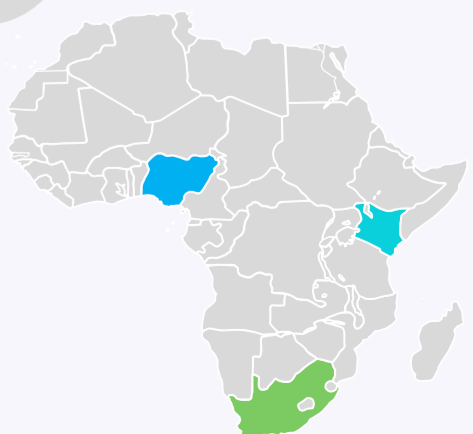
5 Data Centres

Tier IV

3 Data Centres

OTHER LOCATIONS

- Galaxy Backbone Limited (Abuja)
- Medallion Datacentre (Abuja)
- Kasi Cloud Datacentre
(Akwa Ibom, Proposed)
- Galaxy Backbone Limited
(Kano, Proposed)



More Information

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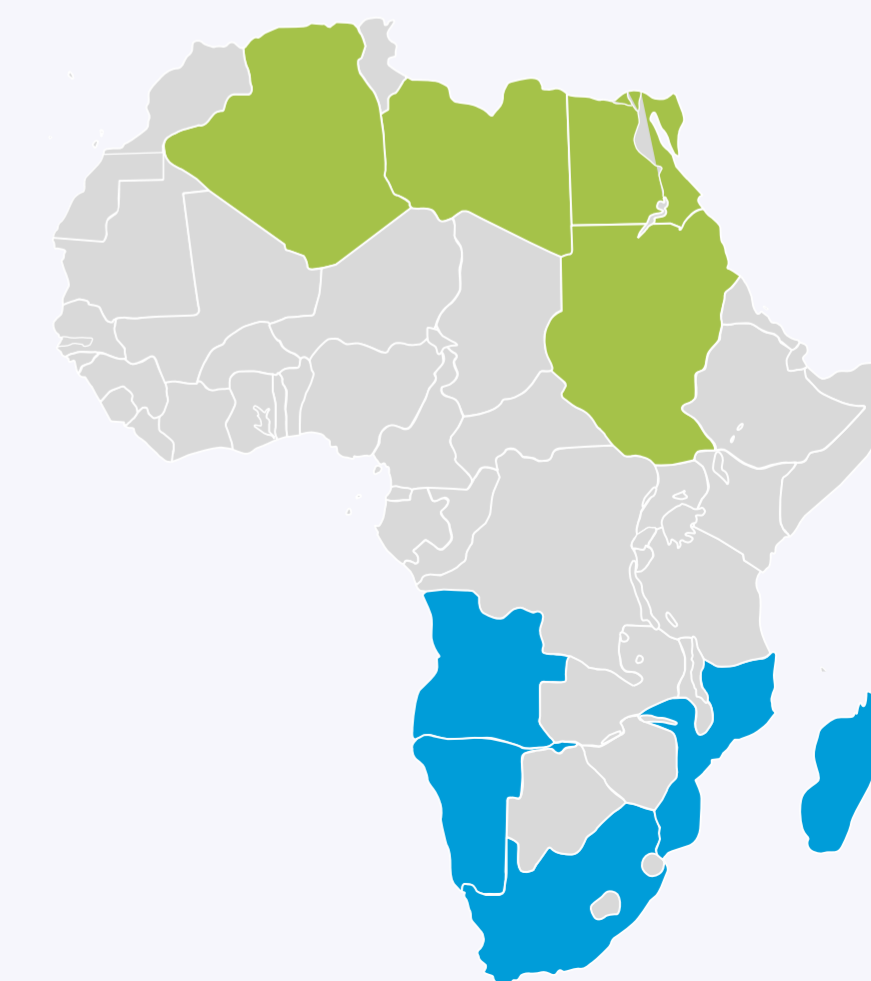
**licensed Internet Service
Provider**

44

**Licensed International
Data Access**

103

**Licensed Collocation &
Infrastructure Org**



Questions ???

