



Middle East and Africa - Device Growth Traffic Profiles

2021 Forecast

- In Middle East and Africa, there will be 477 million total Internet users (28% of population) in 2021, up from 318 million (21% of population) in 2016.
- In Middle East and Africa, there will be 2.4 billion networked devices in 2021, up from 1.7 billion in 2016.
- In Middle East and Africa, there will be 1.4 networked devices per capita in 2021, up from 1.1 per capita in 2016.
- In Middle East and Africa, 75% of all networked devices will be mobile-connected in 2021.
- In Middle East and Africa, M2M modules will account for 27% (662.4 million) of all networked devices in 2021, compared to 16% (257.6 million) in 2016, (20.8% CAGR).
- In Middle East and Africa, PCs will account for 3% (62.3 million) of all networked devices in 2021, compared to 5% (76.4 million) in 2016, (-4% CAGR).
- In Middle East and Africa, Tablets will account for 3% (73.0 million) of all networked devices in 2021, compared to 2% (30.9 million) in 2016, (18.8% CAGR).
- In Middle East and Africa, Smartphones will account for 47% (1.1 billion) of all networked devices in 2021, compared to 25% (408.8 million) in 2016, (22.6% CAGR).
- In Middle East and Africa, Connected TVs will account for 3% (82.3 million) of all networked devices in 2021, compared to 2% (38.8 million) in 2016, (16.2% CAGR).
- In Middle East and Africa, M2M modules will average 0.747 GB per month, up from 0.237 GB in 2016.
- In Middle East and Africa, Smartphones will average 9.8 GB per month, up from 2.0 GB in 2016.
- In Middle East and Africa, Tablets will average 17.0 GB per month, up from 5.6 GB in 2016.
- In Middle East and Africa, PCs will average 31.9 GB per month, up from 18.5 GB in 2016.

- In Middle East and Africa, Connected 4K TVs will average 1.2 GB per month, up from 0.0 GB in 2016.
- In Middle East and Africa, Non-Smartphones will account for 16.4% (395.4 million) of all networked devices in 2021, compared to 51% (842.1 million) in 2016, (-14% CAGR).
- In Middle East and Africa, Other Portables will account for % (10.9 million) of all networked devices in 2021, compared to % (5.7 million) in 2016, (14% CAGR).
- In Middle East and Africa, 4K TVs will account for 54% (26.5 million) of all flat panel TVs in 2021, compared to 11.5% (1.9 million) in 2016, (70.1% CAGR).

2016 Review

- In Middle East and Africa, there were 1.7 billion networked devices in 2016, up from 1.6 billion in 2015.
- In Middle East and Africa, there were 1.1 networked devices per capita in 2016, up from 1.1 per capita in 2015.

Device Diversity

- Middle East and Africa's IP traffic from non-PC devices was 47% of total IP traffic in 2016, and will be 87% of total IP traffic in 2021.
- Middle East and Africa's Internet traffic from non-PC devices was 48% of total Internet traffic in 2016, and will be 88% of total Internet traffic in 2021.
- In Middle East and Africa, PCs accounted for 53% of IP traffic in 2016, and will be 13% of IP traffic in 2021.
- In Middle East and Africa, TVs accounted for 7% of IP traffic in 2016, and will be 4% of IP traffic in 2021.
- In Middle East and Africa, Smartphones accounted for 31% of IP traffic in 2016, and will be 71% of IP traffic in 2021.
- In Middle East and Africa, Tablets accounted for 6% of IP traffic in 2016, and will be 8% of IP traffic in 2021.
- In Middle East and Africa, M2M modules accounted for 2.3% of IP traffic in 2016, and will be 3.2% of IP traffic in 2021.
- In Middle East and Africa, PCs accounted for 41% of consumer Internet traffic in 2016, and will be 8% of consumer Internet traffic in 2021.
- In Middle East and Africa, TVs accounted for 5% of consumer Internet traffic in 2016, and will be 3% of consumer Internet traffic in 2021.
- In Middle East and Africa, TVs accounted for 4% of total Internet traffic in 2016, and will be 2% of total Internet traffic in 2021.

Average Traffic per Mobile Device

- In Middle East and Africa, the average smartphone will generate 5,995 Megabytes of mobile data traffic per month in 2021, up from 1270 Megabytes per month in 2016.
- In Middle East and Africa, the average mobile-connected laptop will generate 5,362 Megabytes of mobile data traffic per month in 2021, up from 3,110 Megabytes per month in 2016.
- In Middle East and Africa, the average mobile-connected tablet will generate 8,058 Megabytes of mobile data traffic per month in 2021, up from 2,661 Megabytes per month in 2016.