



## Rest of Middle East and Africa - Device Growth Traffic Profiles

### 2021 Forecast

- In the rest of Middle East and Africa, there will be 431 million total Internet users (27% of population) in 2021, up from 292 million (20% of population) in 2016.
- In the rest of Middle East and Africa, there will be 2.3 billion networked devices in 2021, up from 1.5 billion in 2016.
- In the rest of Middle East and Africa, there will be 1.4 networked devices per capita in 2021, up from 1.1 per capita in 2016.
- In the rest of Middle East and Africa, 76% of all networked devices will be mobile-connected in 2021.
- In the rest of Middle East and Africa, M2M modules will account for 27% (616.3 million) of all networked devices in 2021, compared to 16% (240.8 million) in 2016, (20.7% CAGR).
- In the rest of Middle East and Africa, PCs will account for 2% (52.0 million) of all networked devices in 2021, compared to 4% (63.4 million) in 2016, (-3.9% CAGR).
- In the rest of Middle East and Africa, Tablets will account for 3% (66.1 million) of all networked devices in 2021, compared to 2% (26.3 million) in 2016, (20.3% CAGR).
- In the rest of Middle East and Africa, Smartphones will account for 47% (1.1 billion) of all networked devices in 2021, compared to 24% (376.1 million) in 2016, (23% CAGR).
- In the rest of Middle East and Africa, Connected TVs will account for 3% (68.8 million) of all networked devices in 2021, compared to 2% (32.0 million) in 2016, (16.5% CAGR).
- In the rest of Middle East and Africa, M2M modules will average 0.753 GB per month, up from 0.238 GB in 2016.
- In the rest of Middle East and Africa, Smartphones will average 10.1 GB per month, up from 2.1 GB in 2016.
- In the rest of Middle East and Africa, Tablets will average 17.8 GB per month, up from 6.2 GB in 2016.

- In the rest of Middle East and Africa, PCs will average 30.2 GB per month, up from 18.1 GB in 2016.
- In the rest of Middle East and Africa, Connected 4K TVs will average 0.9 GB per month, up from 0.0 GB in 2016.
- In the rest of Middle East and Africa, Non-Smartphones will account for 17.0% (382.6 million) of all networked devices in 2021, compared to 52% (797.5 million) in 2016, (-13.7% CAGR).
- In the rest of Middle East and Africa, Other Portables will account for % (9.4 million) of all networked devices in 2021, compared to % (4.9 million) in 2016, (13.9% CAGR).
- In the rest of Middle East and Africa, 4K TVs will account for 53% (23.2 million) of all flat panel TVs in 2021, compared to 11.1% (1.6 million) in 2016, (71.3% CAGR).

## 2016 Review

- In the rest of Middle East and Africa, there were 1.5 billion networked devices in 2016, up from 1.4 billion in 2015.
- In the rest of Middle East and Africa, there were 1.1 networked devices per capita in 2016, up from 1.0 per capita in 2015.

## Device Diversity

- The rest of Middle East and Africa's IP traffic from non-PC devices was 51% of total IP traffic in 2016, and will be 89% of total IP traffic in 2021.
- The rest of Middle East and Africa's Internet traffic from non-PC devices was 52% of total Internet traffic in 2016, and will be 90% of total Internet traffic in 2021.
- In the rest of Middle East and Africa, PCs accounted for 49% of IP traffic in 2016, and will be 11% of IP traffic in 2021.
- In the rest of Middle East and Africa, TVs accounted for 6% of IP traffic in 2016, and will be 3% of IP traffic in 2021.
- In the rest of Middle East and Africa, Smartphones accounted for 34% of IP traffic in 2016, and will be 74% of IP traffic in 2021.
- In the rest of Middle East and Africa, Tablets accounted for 7% of IP traffic in 2016, and will be 8% of IP traffic in 2021.
- In the rest of Middle East and Africa, M2M modules accounted for 2.5% of IP traffic in 2016, and will be 3.2% of IP traffic in 2021.
- In the rest of Middle East and Africa, PCs accounted for 37% of consumer Internet traffic in 2016, and will be 7% of consumer Internet traffic in 2021.
- In the rest of Middle East and Africa, TVs accounted for 4% of consumer Internet traffic in 2016, and will be 2% of consumer Internet traffic in 2021.
- In the rest of Middle East and Africa, TVs accounted for 3% of total Internet traffic in 2016, and will be 2% of total Internet traffic in 2021.

## Average Traffic per Mobile Device

- In the rest of Middle East and Africa, the average smartphone will generate 6,195 Megabytes of mobile data traffic per month in 2021, up from 1325 Megabytes per month in 2016.

- In the rest of Middle East and Africa, the average mobile-connected laptop will generate 5,765 Megabytes of mobile data traffic per month in 2021, up from 3,382 Megabytes per month in 2016.
- In the rest of Middle East and Africa, the average mobile-connected tablet will generate 8,635 Megabytes of mobile data traffic per month in 2021, up from 3,047 Megabytes per month in 2016.