



## India - Device Growth Traffic Profiles

### 2021 Forecast

- In India, there will be 829 million total Internet users (59% of population) in 2021, up from 373 million (28% of population) in 2016.
- In India, there will be 2.0 billion networked devices in 2021, up from 1.4 billion in 2016.
- In India, there will be 1.5 networked devices per capita in 2021, up from 1.1 per capita in 2016.
- In India, 67% of all networked devices will be mobile-connected in 2021.
- In India, M2M modules will account for 22% (444.5 million) of all networked devices in 2021, compared to 12% (170.3 million) in 2016, (21.1% CAGR).
- In India, PCs will account for 2% (43.2 million) of all networked devices in 2021, compared to 3% (43.6 million) in 2016, (-0.2% CAGR).
- In India, Tablets will account for 2% (42.0 million) of all networked devices in 2021, compared to 1% (16.0 million) in 2016, (21.3% CAGR).
- In India, Smartphones will account for 38% (780.6 million) of all networked devices in 2021, compared to 26% (359.2 million) in 2016, (16.8% CAGR).
- In India, Connected TVs will account for 12% (241.4 million) of all networked devices in 2021, compared to 8% (116.4 million) in 2016, (15.7% CAGR).
- In India, M2M modules will average 0.734 GB per month, up from 0.279 GB in 2016.
- In India, Smartphones will average 2.9 GB per month, up from 0.8 GB in 2016.
- In India, Tablets will average 7.4 GB per month, up from 3.1 GB in 2016.
- In India, PCs will average 31.1 GB per month, up from 16.7 GB in 2016.

- In India, Connected 4K TVs will average 4.9 GB per month, up from 0.2 GB in 2016.
- In India, Non-Smartphones will account for 23.5% (481.6 million) of all networked devices in 2021, compared to 49% (682.0 million) in 2016, (-6.7% CAGR).
- In India, Other Portables will account for 1% (15.7 million) of all networked devices in 2021, compared to % (5.8 million) in 2016, (22.3% CAGR).
- In India, 4K TVs will account for 24% (13.8 million) of all flat panel TVs in 2021, compared to 3.5% (585,887) in 2016, (88.1% CAGR).

## 2016 Review

- In India, there were 1.4 billion networked devices in 2016, up from 1.3 billion in 2015.
- In India, there were 1.1 networked devices per capita in 2016, up from 1.0 per capita in 2015.

## Device Diversity

- India's IP traffic from non-PC devices was 58% of total IP traffic in 2016, and will be 79% of total IP traffic in 2021.
- India's Internet traffic from non-PC devices was 42% of total Internet traffic in 2016, and will be 73% of total Internet traffic in 2021.
- In India, PCs accounted for 42% of IP traffic in 2016, and will be 21% of IP traffic in 2021.
- In India, TVs accounted for 34% of IP traffic in 2016, and will be 33% of IP traffic in 2021.
- In India, Smartphones accounted for 16% of IP traffic in 2016, and will be 35% of IP traffic in 2021.
- In India, Tablets accounted for 3% of IP traffic in 2016, and will be 5% of IP traffic in 2021.
- In India, M2M modules accounted for 2.7% of IP traffic in 2016, and will be 5.0% of IP traffic in 2021.
- In India, PCs accounted for 55% of consumer Internet traffic in 2016, and will be 25% of consumer Internet traffic in 2021.
- In India, TVs accounted for 6% of consumer Internet traffic in 2016, and will be 10% of consumer Internet traffic in 2021.
- In India, TVs accounted for 5% of total Internet traffic in 2016, and will be 8% of total Internet traffic in 2021.

## Average Traffic per Mobile Device

- In India, the average smartphone will generate 2,138 Megabytes of mobile data traffic per month in 2021, up from 559 Megabytes per month in 2016.
- In India, the average mobile-connected laptop will generate 4,024 Megabytes of mobile data traffic per month in 2021, up from 1,945 Megabytes per month in 2016.
- In India, the average mobile-connected tablet will generate 5,094 Megabytes of mobile data traffic per month in 2021, up from 2,228 Megabytes per month in 2016.