



Korea - Device Growth Traffic Profiles

2021 Forecast

- In Korea, there will be 49 million total Internet users (95% of population) in 2021, up from 46 million (92% of population) in 2016.
- In Korea, there will be 617.1 million networked devices in 2021, up from 339.8 million in 2016.
- In Korea, there will be 12.0 networked devices per capita in 2021, up from 6.7 per capita in 2016.
- In Korea, 30% of all networked devices will be mobile-connected in 2021.
- In Korea, M2M modules will account for 72% (446.6 million) of all networked devices in 2021, compared to 60% (204.2 million) in 2016, (16.9% CAGR).
- In Korea, PCs will account for 3% (17.9 million) of all networked devices in 2021, compared to 6% (19.9 million) in 2016, (-2.2% CAGR).
- In Korea, Tablets will account for 1% (8.0 million) of all networked devices in 2021, compared to 2% (7.4 million) in 2016, (1.5% CAGR).
- In Korea, Smartphones will account for 9% (56.5 million) of all networked devices in 2021, compared to 14% (47.3 million) in 2016, (3.6% CAGR).
- In Korea, Connected TVs will account for 13% (78.3 million) of all networked devices in 2021, compared to 14% (48.0 million) in 2016, (10.3% CAGR).
- In Korea, M2M modules will average 0.668 GB per month, up from 0.193 GB in 2016.
- In Korea, Smartphones will average 59.2 GB per month, up from 13.3 GB in 2016.
- In Korea, Tablets will average 51.7 GB per month, up from 17.1 GB in 2016.
- In Korea, PCs will average 152.7 GB per month, up from 122.2 GB in 2016.
- In Korea, Connected 4K TVs will average 23.8 GB per month, up from 1.2 GB in 2016.

- In Korea, Non-Smartphones will account for 0.0% (279305) of all networked devices in 2021, compared to 2% (7.0 million) in 2016, (-47.5% CAGR).
- In Korea, Other Portables will account for 2% (9.6 million) of all networked devices in 2021, compared to 2% (5.9 million) in 2016, (10% CAGR).
- In Korea, 4K TVs will account for 46% (10.6 million) of all flat panel TVs in 2021, compared to 10.6% (1.4 million) in 2016, (49.3% CAGR).

2016 Review

- In Korea, there were 339.8 million networked devices in 2016, up from 302.9 million in 2015.
- In Korea, there were 6.7 networked devices per capita in 2016, up from 6.0 per capita in 2015.

Device Diversity

- Korea's IP traffic from non-PC devices was 37% of total IP traffic in 2016, and will be 69% of total IP traffic in 2021.
- Korea's Internet traffic from non-PC devices was 30% of total Internet traffic in 2016, and will be 65% of total Internet traffic in 2021.
- In Korea, PCs accounted for 63% of IP traffic in 2016, and will be 31% of IP traffic in 2021.
- In Korea, TVs accounted for 16% of IP traffic in 2016, and will be 23% of IP traffic in 2021.
- In Korea, Smartphones accounted for 16% of IP traffic in 2016, and will be 38% of IP traffic in 2021.
- In Korea, Tablets accounted for 3% of IP traffic in 2016, and will be 5% of IP traffic in 2021.
- In Korea, M2M modules accounted for 1.0% of IP traffic in 2016, and will be 3.4% of IP traffic in 2021.
- In Korea, PCs accounted for 73% of consumer Internet traffic in 2016, and will be 37% of consumer Internet traffic in 2021.
- In Korea, TVs accounted for 7% of consumer Internet traffic in 2016, and will be 15% of consumer Internet traffic in 2021.
- In Korea, TVs accounted for 6% of total Internet traffic in 2016, and will be 13% of total Internet traffic in 2021.

Average Traffic per Mobile Device

- In Korea, the average smartphone will generate 18,329 Megabytes of mobile data traffic per month in 2021, up from 4795 Megabytes per month in 2016.
- In Korea, the average mobile-connected laptop will generate 9,918 Megabytes of mobile data traffic per month in 2021, up from 4,403 Megabytes per month in 2016.
- In Korea, the average mobile-connected tablet will generate 11,474 Megabytes of mobile data traffic per month in 2021, up from 4,885 Megabytes per month in 2016.