



United States - Device Growth Traffic Profiles

2021 Forecast

- In the United States, there will be 302 million total Internet users (90% of population) in 2021, up from 287 million (89% of population) in 2016.
- In the United States, there will be 4.4 billion networked devices in 2021, up from 2.5 billion in 2016.
- In the United States, there will be 13.2 networked devices per capita in 2021, up from 7.8 per capita in 2016.
- In the United States, 23% of all networked devices will be mobile-connected in 2021.
- In the United States, M2M modules will account for 65% (2.9 billion) of all networked devices in 2021, compared to 47% (1.2 billion) in 2016, (19.1% CAGR).
- In the United States, PCs will account for 7% (292.6 million) of all networked devices in 2021, compared to 11% (287.7 million) in 2016, (0.3% CAGR).
- In the United States, Tablets will account for 3% (119.0 million) of all networked devices in 2021, compared to 5% (122.2 million) in 2016, (-0.5% CAGR).
- In the United States, Smartphones will account for 8% (343.9 million) of all networked devices in 2021, compared to 9% (241.0 million) in 2016, (7.4% CAGR).
- In the United States, Connected TVs will account for 15% (646.2 million) of all networked devices in 2021, compared to 21% (534.9 million) in 2016, (3.9% CAGR).
- In the United States, M2M modules will average 1.291 GB per month, up from 0.478 GB in 2016.
- In the United States, Smartphones will average 36.3 GB per month, up from 11.0 GB in 2016.
- In the United States, Tablets will average 35.0 GB per month, up from 11.3 GB in 2016.
- In the United States, PCs will average 80.9 GB per month, up from 39.2 GB in 2016.
- In the United States, Connected 4K TVs will average 43.5 GB per month, up from 3.9 GB in 2016.

- In the United States, Non-Smartphones will account for 0.2% (7.0 million) of all networked devices in 2021, compared to 3% (70.1 million) in 2016, (-36.9% CAGR).
- In the United States, Other Portables will account for 4% (163.8 million) of all networked devices in 2021, compared to 4% (95.0 million) in 2016, (11.5% CAGR).
- In the United States, 4K TVs will account for 77% (130.1 million) of all flat panel TVs in 2021, compared to 17.1% (17.1 million) in 2016, (50% CAGR).

2016 Review

- In the United States, there were 2.5 billion networked devices in 2016, up from 2.3 billion in 2015.
- In the United States, there were 7.8 networked devices per capita in 2016, up from 7.1 per capita in 2015.

Device Diversity

- The United States's IP traffic from non-PC devices was 64% of total IP traffic in 2016, and will be 70% of total IP traffic in 2021.
- The United States's Internet traffic from non-PC devices was 52% of total Internet traffic in 2016, and will be 66% of total Internet traffic in 2021.
- In the United States, PCs accounted for 36% of IP traffic in 2016, and will be 30% of IP traffic in 2021.
- In the United States, TVs accounted for 49% of IP traffic in 2016, and will be 45% of IP traffic in 2021.
- In the United States, Smartphones accounted for 8% of IP traffic in 2016, and will be 16% of IP traffic in 2021.
- In the United States, Tablets accounted for 4% of IP traffic in 2016, and will be 5% of IP traffic in 2021.
- In the United States, M2M modules accounted for 1.8% of IP traffic in 2016, and will be 4.6% of IP traffic in 2021.
- In the United States, PCs accounted for 44% of consumer Internet traffic in 2016, and will be 31% of consumer Internet traffic in 2021.
- In the United States, TVs accounted for 37% of consumer Internet traffic in 2016, and will be 41% of consumer Internet traffic in 2021.
- In the United States, TVs accounted for 31% of total Internet traffic in 2016, and will be 34% of total Internet traffic in 2021.

Average Traffic per Mobile Device

- In the United States, the average smartphone will generate 13,360 Megabytes of mobile data traffic per month in 2021, up from 4,502 Megabytes per month in 2016.
- In the United States, the average mobile-connected laptop will generate 6,963 Megabytes of mobile data traffic per month in 2021, up from 3,573 Megabytes per month in 2016.
- In the United States, the average mobile-connected tablet will generate 9,376 Megabytes of mobile data traffic per month in 2021, up from 3,588 Megabytes per month in 2016.