



Spain - Device Growth Traffic Profiles

2021 Forecast

- In Spain, there will be 36 million total Internet users (79% of population) in 2021, up from 34 million (73% of population) in 2016.
- In Spain, there will be 344.5 million networked devices in 2021, up from 195.5 million in 2016.
- In Spain, there will be 7.5 networked devices per capita in 2021, up from 4.2 per capita in 2016.
- In Spain, 29% of all networked devices will be mobile-connected in 2021.
- In Spain, M2M modules will account for 65% (222.8 million) of all networked devices in 2021, compared to 49% (95.0 million) in 2016, (18.6% CAGR).
- In Spain, PCs will account for 4% (13.8 million) of all networked devices in 2021, compared to 8% (15.6 million) in 2016, (-2.5% CAGR).
- In Spain, Tablets will account for 3% (9.6 million) of all networked devices in 2021, compared to 5% (9.5 million) in 2016, (0.1% CAGR).
- In Spain, Smartphones will account for 13% (45.8 million) of all networked devices in 2021, compared to 18% (35.2 million) in 2016, (5.4% CAGR).
- In Spain, Connected TVs will account for 11% (36.8 million) of all networked devices in 2021, compared to 12% (23.5 million) in 2016, (9.4% CAGR).
- In Spain, M2M modules will average 1.050 GB per month, up from 0.277 GB in 2016.
- In Spain, Smartphones will average 19.4 GB per month, up from 3.1 GB in 2016.
- In Spain, Tablets will average 39.0 GB per month, up from 8.5 GB in 2016.
- In Spain, PCs will average 64.0 GB per month, up from 41.5 GB in 2016.
- In Spain, Connected 4K TVs will average 4.2 GB per month, up from 0.1 GB in 2016.

- In Spain, Non-Smartphones will account for 0.4% (1.3 million) of all networked devices in 2021, compared to 5% (10.7 million) in 2016, (-34.8% CAGR).
- In Spain, Other Portables will account for 4% (14.5 million) of all networked devices in 2021, compared to 3% (6.0 million) in 2016, (19.3% CAGR).
- In Spain, 4K TVs will account for 57% (8.8 million) of all flat panel TVs in 2021, compared to 11.9% (965,998) in 2016, (55.6% CAGR).

2016 Review

- In Spain, there were 195.5 million networked devices in 2016, up from 174.3 million in 2015.
- In Spain, there were 4.2 networked devices per capita in 2016, up from 3.8 per capita in 2015.

Device Diversity

- Spain's IP traffic from non-PC devices was 41% of total IP traffic in 2016, and will be 71% of total IP traffic in 2021.
- Spain's Internet traffic from non-PC devices was 35% of total Internet traffic in 2016, and will be 70% of total Internet traffic in 2021.
- In Spain, PCs accounted for 59% of IP traffic in 2016, and will be 29% of IP traffic in 2021.
- In Spain, TVs accounted for 21% of IP traffic in 2016, and will be 23% of IP traffic in 2021.
- In Spain, Smartphones accounted for 10% of IP traffic in 2016, and will be 29% of IP traffic in 2021.
- In Spain, Tablets accounted for 7% of IP traffic in 2016, and will be 12% of IP traffic in 2021.
- In Spain, M2M modules accounted for 2.4% of IP traffic in 2016, and will be 7.6% of IP traffic in 2021.
- In Spain, PCs accounted for 62% of consumer Internet traffic in 2016, and will be 28% of consumer Internet traffic in 2021.
- In Spain, TVs accounted for 15% of consumer Internet traffic in 2016, and will be 19% of consumer Internet traffic in 2021.
- In Spain, TVs accounted for 12% of total Internet traffic in 2016, and will be 16% of total Internet traffic in 2021.

Average Traffic per Mobile Device

- In Spain, the average smartphone will generate 6,508 Megabytes of mobile data traffic per month in 2021, up from 1229 Megabytes per month in 2016.
- In Spain, the average mobile-connected laptop will generate 7,643 Megabytes of mobile data traffic per month in 2021, up from 3,443 Megabytes per month in 2016.
- In Spain, the average mobile-connected tablet will generate 9,193 Megabytes of mobile data traffic per month in 2021, up from 2,341 Megabytes per month in 2016.