



Rest of Latin America – 2020 Forecast Highlights

IP Traffic

- In the rest of Latin America, IP traffic will grow 3-fold from 2015 to 2020, a compound annual growth rate of 23%.
- In the rest of Latin America, IP traffic will reach 3.0 Exabytes per month in 2020, up from 1.1 Exabytes per month in 2015.
- The rest of Latin America's IP networks will carry 99 Petabytes per day in 2020, up from 35 Petabytes per day in 2015.
- In the rest of Latin America, IP traffic will reach an annual run rate of 36.0 Exabytes in 2020, up from an annual run rate of 12.7 Exabytes in 2015.
- In the rest of Latin America, IP traffic will reach 12 Gigabytes per capita in 2020, up from 4 Gigabytes per capita in 2015.
- In the rest of Latin America, average IP traffic will reach 9 Tbps in 2020, and busy hour traffic will reach 44 Tbps.
- In 2020, the gigabyte equivalent of all movies ever made will cross The rest of Latin America's IP networks every 2 hours.

Internet Traffic

- In the rest of Latin America, Internet traffic will grow 2.9-fold from 2015 to 2020, a compound annual growth rate of 24%.
- In the rest of Latin America, busy hour Internet traffic will grow 4.8-fold from 2015 to 2020, a compound annual growth rate of 37%.
- In the rest of Latin America, Internet traffic will reach 2.8 Exabytes per month in 2020, up from 971 Petabytes

per month in 2015.

- The rest of Latin America's Internet traffic will be 94 Petabytes per day in 2020, up from 30 Petabytes per day in 2015.
- The rest of Latin America's Internet traffic in 2020 will be equivalent to 9 billion DVDs per year, 712 million DVDs per month, or 975,174 DVDs per hour.
- In 2020, the gigabyte equivalent of all movies ever made will cross the Internet every 2 hours.
- the rest of Latin American Internet traffic in 2020 will be equivalent to 150x the volume of the entire the rest of Latin American Internet in 2005.
- In the rest of Latin America, Internet traffic will reach 11 Gigabytes per capita in 2020, up from 4 Gigabytes per capita in 2015.
- In the rest of Latin America, average Internet traffic will increase 2.9-fold by 2020 and will reach 9 Tbps.
- In the rest of Latin America, busy hour Internet traffic will increase 4.8-fold by 2020 and will reach 41 Tbps.

Wired Wi-Fi and Mobile Growth

- The rest of Latin America's Fixed/Wi-Fi was 61% of total IP traffic in 2015, and will be 58% of total IP traffic in 2020.
- The rest of Latin America's Fixed/Wired was 31% of total IP traffic in 2015, and will be 16% of total IP traffic in 2020.
- The rest of Latin America's Mobile was 8% of total IP traffic in 2015, and will be 26% of total IP traffic in 2020.
- The rest of Latin America's Fixed/Wi-Fi was 63.6% of total Internet traffic in 2015, and will be 60.0% of total Internet traffic in 2020.
- The rest of Latin America's Fixed/Wired was 28% of total Internet traffic in 2015, and will be 12% of total Internet traffic in 2020.
- The rest of Latin America's Mobile was 8.9% of total Internet traffic in 2015, and will be 27.8% of total Internet traffic in 2020.

IP Video

- In the rest of Latin America, IP video traffic will grow 4-fold from 2015 to 2020, a compound annual growth rate of 31%.
- In the rest of Latin America, IP video traffic will reach 2.4 Exabytes per month in 2020, up from 603 Petabytes per month in 2015.
- In the rest of Latin America, IP video will be 78% of all IP traffic in 2020, up from 57% in 2015.
- In the rest of Latin America, Ultra HD will be 2.9% of IP Video traffic in 2020, up from 0.1% in 2015 (144.4% CAGR).
- In the rest of Latin America, HD will be 40.0% of IP Video traffic in 2020, up from 17.6% in 2015 (54.7% CAGR).
- In the rest of Latin America, SD will be 57.1% of IP Video traffic in 2020, compared to 82.2% in 2015 (22.0% CAGR).
- In the rest of Latin America, consumer IP video traffic will be 82% of consumer IP traffic in 2020, up from 63% in 2015.
- In the rest of Latin America, business IP video traffic will be 64% of business IP traffic in 2020, up from 39% in 2015.

Internet Video

- In the rest of Latin America, Internet video traffic will grow 4-fold from 2015 to 2020, a compound annual growth rate of 32%.
- In the rest of Latin America, Internet video traffic will reach 2.2 Exabytes per month in 2020, up from 553 Petabytes per month in 2015.
- In the rest of Latin America, total Internet video traffic (business and consumer, combined) will be 78% of all Internet traffic in 2020, up from 57% in 2015.
- In the rest of Latin America, Ultra HD will be 3.0% of Internet video traffic in 2020, up from 0.1% in 2015 (143.1% CAGR).
- In the rest of Latin America, HD will be 41.2% of Internet video traffic in 2020, up from 18.4% in 2015 (55.3% CAGR).
- In the rest of Latin America, SD will be 55.8% of Internet video traffic in 2020, compared to 81.5% in 2015 (22.5% CAGR).
- In the rest of Latin America, consumer Internet video traffic will be 81% of consumer Internet traffic in 2020, up from 62% in 2015.
- In the rest of Latin America, business Internet video traffic will be 65% of business Internet traffic in 2020, up from 41% in 2015.
- In the rest of Latin America, Internet-Video-to-TV traffic will be 11% of fixed consumer Internet video traffic in 2020, up from 7% in 2015.
- In the rest of Latin America, Internet-Video-to-TV traffic will increase 5-fold between 2015 and 2020 (39.1% CAGR).
- In the rest of Latin America, 142 billion minutes (269,686 years) of video content will cross the Internet each month in 2020. That's 53,937 minutes of video streamed or downloaded every second.
- In the rest of Latin America, 46% of all Internet video traffic will cross content delivery networks in 2020, up from 32% in 2015.
- In the rest of Latin America, 39% of all Internet traffic will cross content delivery networks in 2020, up from 20% in 2015.

IP VOD

- In the rest of Latin America, Ultra HD will be 2.6% of IP VOD traffic in 2020, up from 0.0% in 2015 (220.9% CAGR).
- In the rest of Latin America, HD will be 25.1% of IP VOD traffic in 2020, up from 14.8% in 2015 (36.3% CAGR).
- In the rest of Latin America, SD will be 72.2% of IP VOD traffic in 2020, compared to 85.2% in 2015 (18.6% CAGR).

Gaming

- In the rest of Latin America, Internet gaming traffic will grow 5-fold from 2015 to 2020, a compound annual growth rate of 39%.
- In the rest of Latin America, Internet gaming traffic will reach 2.2 Exabytes per month in 2020, up from 553 Petabytes per month in 2015.
- In the rest of Latin America, Internet gaming traffic will be 3% of consumer Internet traffic in 2020, up from 2% in 2015.

Mobile

- In the rest of Latin America, mobile data traffic will grow 9-fold from 2015 to 2020, a compound annual growth rate of 56%.
- In the rest of Latin America, mobile data traffic will reach 791 Petabytes per month in 2020, up from 86 Petabytes per month in 2015.
- the rest of Latin American mobile data traffic will grow 3 times faster than the rest of Latin American fixed IP traffic from 2015 to 2020.
- The rest of Latin America's Mobile was 8% of total IP traffic in 2015, and will be 26% of total IP traffic in 2020.
- In the rest of Latin America, mobile data traffic in 2020 will be equivalent to 40x the volume of the entire the rest of Latin American Internet in 2005.

Devices

- In the rest of Latin America, there will be 588.0 million networked devices in 2020, up from 397.6 million in 2015.
- In the rest of Latin America, there will be 2.3 networked devices per capita in 2020, up from 1.7 per capita in 2015.
- In the rest of Latin America, 58% of all networked devices will be mobile-connected in 2020.
- In the rest of Latin America, M2M modules will account for 31% (184.4 million) of all networked devices in 2020, compared to 19% (74.5 million) in 2015, (19.9% CAGR).
- In the rest of Latin America, PCs will account for 6% (32.4 million) of all networked devices in 2020, compared to 11% (41.9 million) in 2015, (-5% CAGR).
- In the rest of Latin America, Tablets will account for 3% (17.8 million) of all networked devices in 2020, compared to 2% (9.2 million) in 2015, (14.2% CAGR).
- In the rest of Latin America, Smartphones will account for 25% (149.3 million) of all networked devices in 2020, compared to 17% (67.6 million) in 2015, (17.2% CAGR).
- In the rest of Latin America, Connected TVs will account for 9% (53.9 million) of all networked devices in 2020, compared to 5% (19.1 million) in 2015, (23.1% CAGR).
- In the rest of Latin America, Non-Smartphones will account for 22.3% (131.0 million) of all networked devices in 2020, compared to 44% (176.8 million) in 2015, (-5.8% CAGR).
- In the rest of Latin America, Other Portables will account for 3% (19.1 million) of all networked devices in 2020, compared to 2% (8.6 million) in 2015, (17.5% CAGR).
- In the rest of Latin America, 4K TVs will account for 19% (6.5 million) of all flat panel TVs in 2020, compared to 2.6% (199,712) in 2015, (100.8% CAGR).
- The rest of Latin America's IP traffic from non-PC devices was 25% of total IP traffic in 2015, and will be 69% of total IP traffic in 2020.
- In the rest of Latin America, PCs accounted for 75% of IP traffic in 2015, and will be 31% of IP traffic in 2020.
- In the rest of Latin America, TVs accounted for 5% of IP traffic in 2015, and will be 7% of IP traffic in 2020.
- In the rest of Latin America, Smartphones accounted for 12% of IP traffic in 2015, and will be 48% of IP traffic in 2020.
- In the rest of Latin America, Tablets accounted for 6% of IP traffic in 2015, and will be 11% of IP traffic in 2020.

- In the rest of Latin America, M2M modules accounted for 1.0% of IP traffic in 2015, and will be 2.7% of IP traffic in 2020.
- In the rest of Latin America, PCs accounted for 73% of consumer Internet traffic in 2015, and will be 27% of consumer Internet traffic in 2020.
- In the rest of Latin America, TVs accounted for 3% of consumer Internet traffic in 2015, and will be 5% of consumer Internet traffic in 2020.
- In the rest of Latin America, TVs accounted for 2% of total Internet traffic in 2015, and will be 4% of total Internet traffic in 2020.

Speed Evolution

- In the rest of Latin America, the average fixed broadband speed will grow 2.6-fold from 2015 to 2020, from 4.2 Mbps to 10.8 Mbps.
- In the rest of Latin America, 46% of fixed broadband connections will be faster than 5 Mbps in 2020, up from 32% today.
- In the rest of Latin America, 26% of fixed broadband connections will be faster than 10 Mbps in 2020, up from 14% today.
- In the rest of Latin America, 4.6% of fixed broadband connections will be faster than 25 Mbps in 2020, up from 3.5% today.
- In the rest of Latin America, 2.1% of fixed broadband connections will be faster than 50 Mbps in 2020, up from 1.3% today.
- In the rest of Latin America, the average Wi-Fi speeds from mobile devices will grow 1.8-fold from 2015 to 2020, from 3.7 Mbps to 6 Mbps.
- In the rest of Latin America, the average mobile connection speed will grow 5-fold from 2015 to 2020, reaching 2 Mbps in 2020.

Traffic per User and Household

- In the rest of Latin America, the average Internet user will generate 26.6 gigabytes of Internet traffic per month in 2020, up 122% from 12.0 gigabytes per month in 2015, a CAGR of 17%.
- In the rest of Latin America, the average Internet household will generate 85.5 gigabytes of Internet traffic per month in 2020, up 123% from 38.4 gigabytes per month in 2015, a CAGR of 17%.
- In the rest of Latin America, the average FTTx Internet household will generate 188.6 gigabytes of Internet traffic per month in 2020, 137.9% more than other broadband households.
- In the rest of Latin America, the average FTTx Internet household generated 103.5 gigabytes of Internet traffic per month in 2015, 168.4% more than other broadband households.
- In the rest of Latin America, there will be 2 million Internet households (10.0% of all Internet households) generating more than 250 gigabytes per month in 2020.
- In the rest of Latin America, there will be 374,795 households (2.0% of all Internet households) generating more than 500 gigabytes per month in 2020.
- In the rest of Latin America, there will be 187,397 households (1.0% of all Internet households) generating more than a terabyte per month in 2020.
- In the rest of Latin America, the average mobile connection will generate 2,605 megabytes of mobile data traffic per month in 2020, up from 341 megabytes in 2015.