CONVIVA

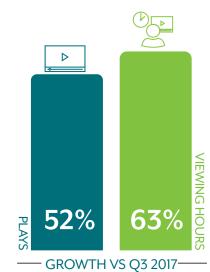
Conviva's State of the Streaming TV Industry

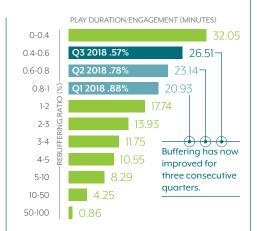


IMPROVEMENTS :

The Continued Rise of Global Streaming

Streaming has seen rapid increases globally, while providers are tasked with improving quality.





MEETING INCREASED VIEWER EXPECTATIONS Quality and viewer engagement are linked,

so as viewers become less tolerant of buffering, providers have focused on delivering better viewing with less buffering.

GLOBAL QUALITY

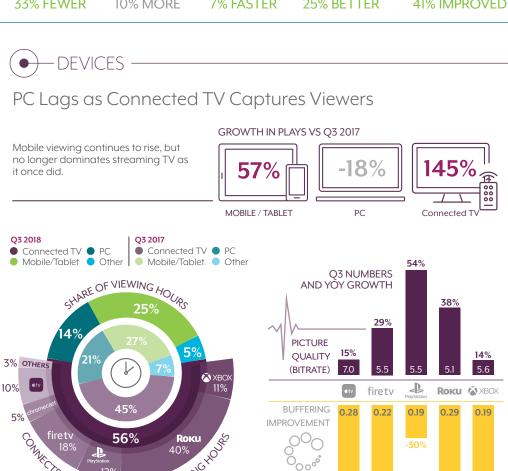
Video Start Failures 33% FEWER

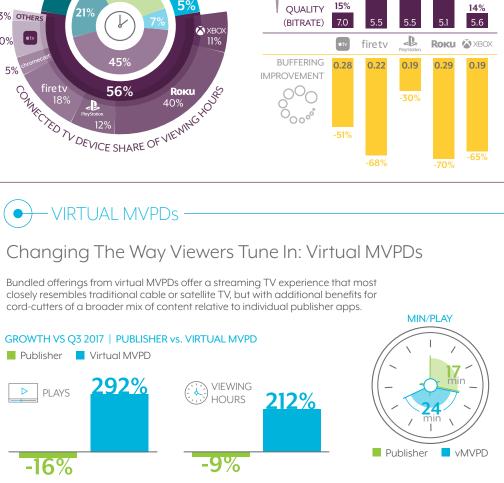
EXIT | Exits Before Video Starts 10% MORE

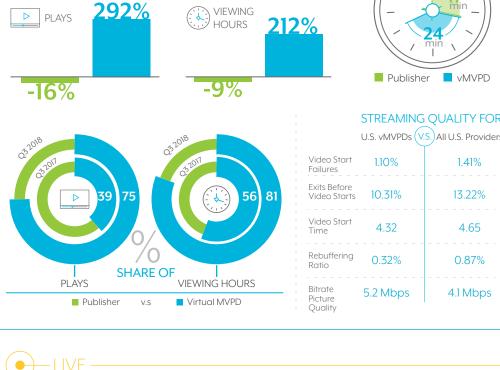
Video Start Time 7% FASTER

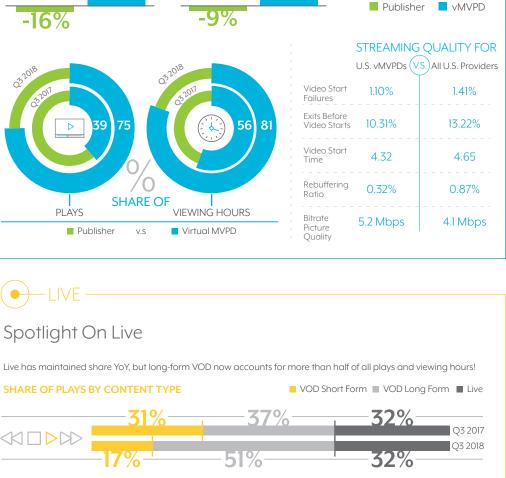
Bitrate Picture Quality 25% BETTER

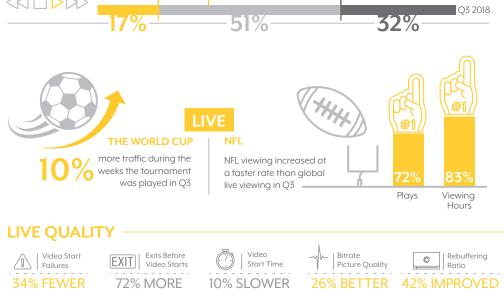
41% IMPROVED











Conviva's Video Al Platform provides insight into the consumer's streaming experience across all screens and applications at scale, for many of the world's top streaming TV providers across 180 countries and four continents. Conviva's data is collected using proprietary sensor technology, which is embedded directly within streaming video applications and currently measures 1 trillion data events per day across Conviva's customer base. In this report, the year-over-year data from 03 2018 as compared to 03 2017 was normalized based on Conviva's consistent customer base