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What I Will Cover Today

- Terminology
- eMarketer's Forecasts
 - TV Viewership and Ad Spending
 - Digital Video Viewership and Ad Spending
 - Subscription OTT Video Viewers
 - Time Spent with TV/Digital Video
- COVID-19 Impacts





Tricky Terminology

- Addressable TV: Targeted TV ads delivered on a home-by-home basis via cable, satellite and telco boxes. It includes both linear and video-on-demand (VOD) delivered in this way, but excludes connected TV, smart TV and OTT.
- Ad-supported video-on-demand (AVOD): These services include free platforms like YouTube as well as those, like Hulu, that charge a subscription fee in addition to serving ads.
- Advanced TV: Television paired with technology that allows for new features, components or uses. Addressable, programmatic, OTT and interactive are all subsets of advanced TV.
- Connected TV: A TV set connected to the internet through built-in internet capability or through another device such as a Blu-ray player, game console or set-top box (e.g., Apple TV, Google Chromecast, Roku).
- Cord-cutter: Someone who once had but then cancelled a pay TV service.
- Cord-never: Someone who never subscribed to pay TV in the first place.



Tricky Terminology Continued...

- Cord-trimmer: Someone who cut back on their pay TV service level but still subscribes.
- Esports: Organized gaming competitions among professional players and teams.
- **Linear OTT:** An OTT service that delivers content from multiple TV, cable or satellite channels in real time. Also referred to as a virtual multichannel video programming distributor (vMVPD) or skinny bundle.
- **Linear TV:** Television programming distributed through cable, satellite or broadcast networks; includes VOD.
- Multichannel video programming distributor (MVPD): A service provider that delivers programming over cable, satellite, or wireline or wireless networks.
- Over-the-top (OTT): Any app or website that provides streaming video content over the internet and bypasses traditional distribution; examples include HBO Now, Hulu, Netflix and YouTube. Traditional distribution includes internet protocol TV (IPTV), cable, satellite, wireless carriers and fiber operators, multiple system operators (MSOs), MVPDs, and major TV broadcast and cable networks.

Tricky Terminology Continued...

- **Pay TV:** A service that requires a subscription to a traditional pay TV provider; excludes IPTV and pure-play digital video services (e.g., Hulu, Netflix, YouTube, Sling TV, etc.). Traditional pay TV providers include cable, satellite, telco and fiber operators, MSOs, MVPDs, and major TV broadcast and cable networks.
- Programmatic TV: The use of software platforms to automate the buying or selling of TV advertising distributed through cable, satellite or broadcast networks
- Smart TV: A TV with built-in internet capability.
- Subscription video-on-demand (SVOD): Defined by Technopedia as "a service that gives users unlimited access to a wide range of programs for a monthly flat rate."
- TV Everywhere (TVE): A streaming service operated by a TV, cable or satellite network—or by an MVPD—that requires users to authenticate their pay TV subscriptions in order to access the content.
- Virtual multichannel video programming distributor (vMVPD): An MVPD that delivers service via the internet; interchangeable with "linear OTT."



Linear TV

Programming distributed through cable, satellite or broadcast networks; includes VOD.



TV Viewership Holding Steady

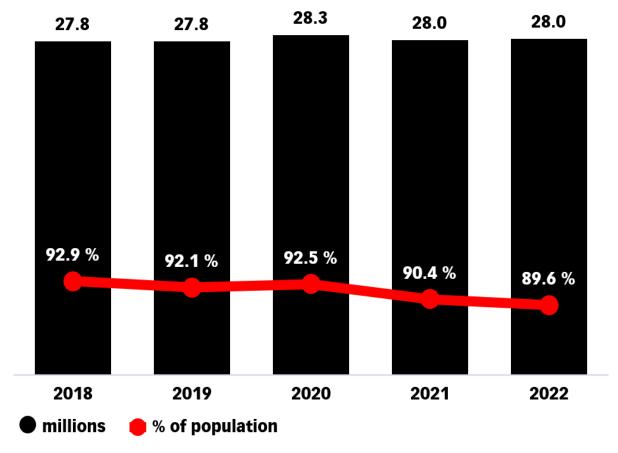
- Slight bump

 in 2020 after
 years of flat
 growth
- Cord-cutting

 a contributor
 to declines

TV Viewers

Canada, 2018-2022

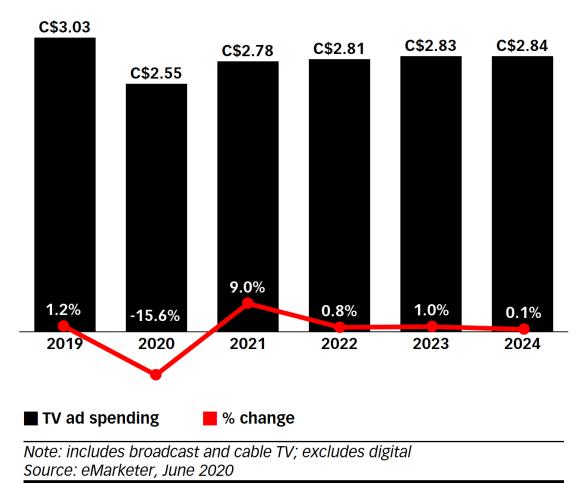


Source: eMarketer, April 2020

TV Ad Spend Steady Except This Year

- Big decline in 2020 due to COVID-19
- Hit hard by the pause in sports

TV Ad Spending in Canada, 2019-2024 billions of C\$ and % change



T10876 www.**eMarketer**.com

Digital Video

Ad-supported video-on-demand (AVOD)
Subscription video-on-demand (SVOD)
Over-the-top (OTT)



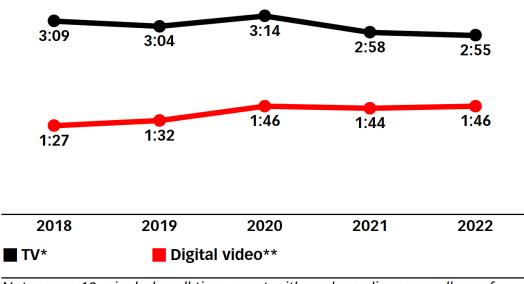
TV Time Much Higher than Video Still

TV time was
 double that
 of digital
 video pre pandemic

Gap is closing

TV* vs. Digital Video**: Average Time Spent in Canada, 2018-2022

hrs:mins per day among population



Note: ages 18+; includes all time spent with each medium regardless of multitasking; *includes live, DVR and other prerecorded video (such as video downloaded from the internet but saved locally); **includes viewing via desktop/laptop computers, mobile (smartphones and tablets) and other connected devices (game consoles, connected TVs or OTT devices) Source: eMarketer, April 2020

T10979 www.eMarketer.com

Live TV Still Tops

For long-form content,
 more then
 three-quarters are

viewers

TV Viewers in Canada, by Method, H1 2019 % of internet users Broadcast live on TV channel 78.1% SVOD* 69.3% Recorded from TV 58.3% TV channel's catch-up/on-demand service 52.7%

Note: ages 16-64; combined responses for used in the past 7 days and past 30 days; respondents were asked, "Thinking about television, how often do you do the following?"; *subscription services, e.g., Netflix Source: GlobalWebIndex, Q1-Q2 2019, August 2019

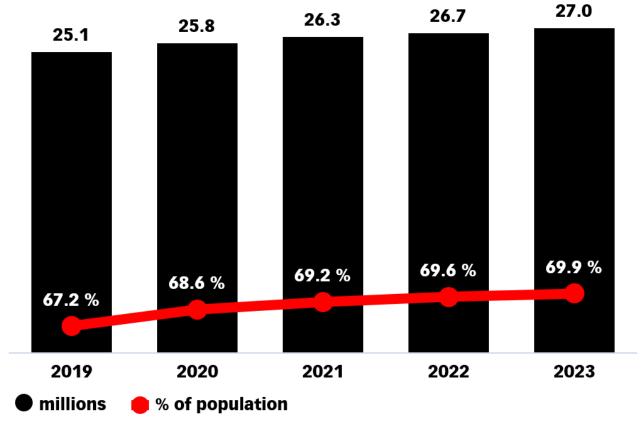
T20095 www.eMarketer.com

Digital Video Viewers Climbing

 Now more than twothirds of population

Digital Video Viewers

Canada, 2019-2023



Source: eMarketer, August 2019

Video Viewers By Age

Gen Z and

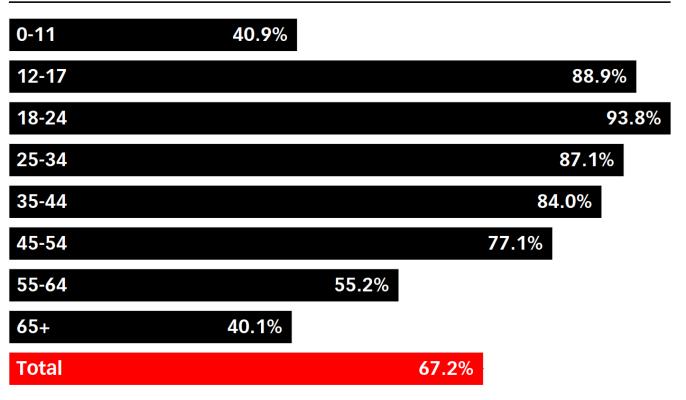
Millennials

are the

heaviest

viewers

Digital Video Viewer Penetration in Canada, by Age, 2019 % of population



Note: internet users of any age who watch streaming or downloaded video content via any device at least once per month
Source: eMarketer, September 2019

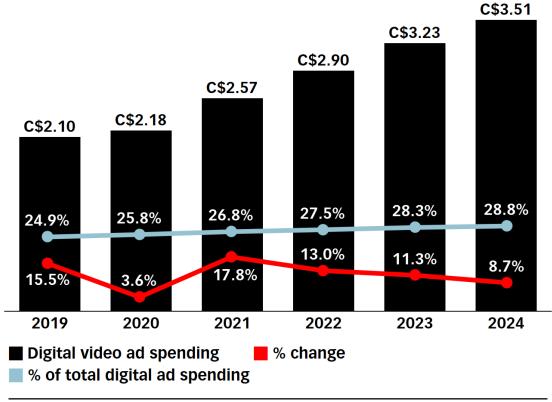
T10523 www.eMarketer.com

Video Spend Will Grow This Year!

- Only ad format to grow in 2020
- Social ad units a big driver

Digital Video Ad Spending in Canada, 2019-2024

billions of C\$, % change and % of total digital ad spending



Note: includes in-banner, in-stream and in-text; includes advertising that appears on desktop and laptop computers as well as mobile phones and tablets

Source: eMarketer, June 2020

T10873 www.eMarketer.com

OTT The Bulk of Video Viewers

Services

include

Netflix, Prime

Video,

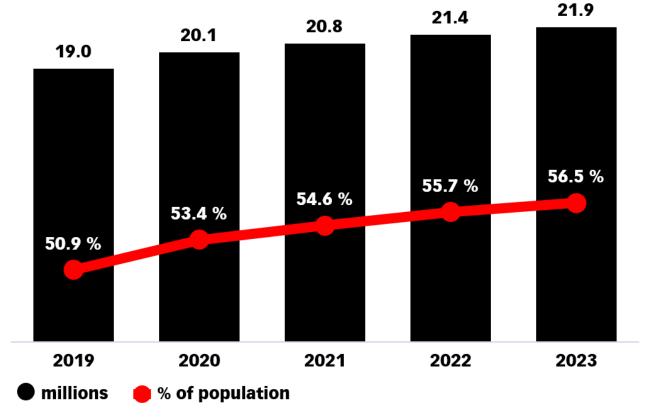
Crave,

Disney+,

Club Illico

Subscription OTT Video Viewers

Canada, 2019-2023



Source: eMarketer, August 2019

Digital Video User Counts

Service	# of Canadian Users
YouTube	24.3 M
Netflix	15.0 M
Amazon Prime Video	6.1 M

We don't forecast for services like Crave, Club Illico, Disney+ - yet



Connected TV (CTV) Users and Ad Spending

Canada Data Coming Fall 2020!



A Variety of Streaming Options

- Desktop/laptop leadsthe way
- But streaming devices are also popular

What Devices Do Internet Users in Canada Use for Streaming Video Content?

% of respondents, Sep 2019

Desktop/laptop	24.5%
Mobile device	20.1%
Streaming device (Apple TV, Roku, etc.)	18.6%
Connected TV	17.9%
Do not watch streaming content	16.1%
Don't know 8.0%	
None of the above	23.8%

Note: n=1,524 ages 18+; multiple responses allowed Source: ESET and National Cybersecurity Alliance (NCSA), Oct 8, 2019

Smart TV Owners

- More than a third households have Smart TVs
- Big driver in adoption is household income

Smart TV Owners in Canada, H1 2018 & H1 2019

% of internet users, by demographic

	H1 2018	H1 2019
Gender		
Female	34.1%	39.4%
Male	35.0%	39.1%
Age		
16-24	32.1%	31.6%
25-34	35.2%	38.8%
35-44	37.0%	44.6%
45-54	35.5%	42.7%
55-64	32.8%	38.2%
Annual household inco	ome group	
Top 25%	42.8%	49.9%
Mid 50%	35.5%	40.8%
Bottom 25%	24.3%	29.7%
Household location		
Urban	32.8%	37.9%
Suburban	38.5%	41.0%
Rural	32.1%	39.9%
Total	34.6%	39.3%

Note: respondents were asked, "Which of the following devices do you own?"

Source: GlobalWebIndex, Q1-Q2 2018 & Q1-Q2 2019, August 2019

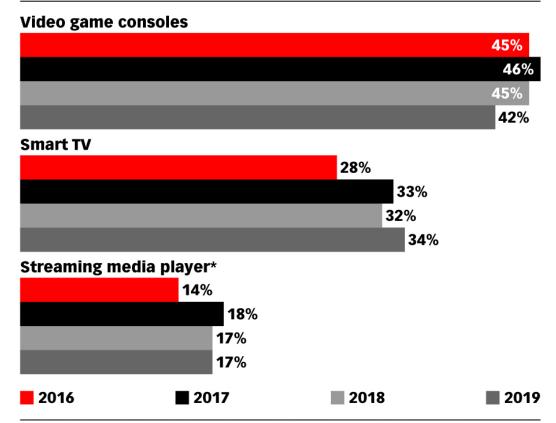
T20270

Quebec Device Ownership

Smart TV ownership exceeded one-third of households last year

Entertainment Device Ownership Among Consumers in Quebec, 2016-2019

% of respondents



Note: 2016 n=1,002; 2017 n=1,003; 2018 n=1,001; 2019 n=1,004; ages 18+; owned in household; *e.g., Google Chromecast Source: Cefrio, "Portrait numérique des foyers québécois," Jan 29, 2020

COVID-19 Impacts

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Trusted Media During the Pandemic

Broadcast media

trusted most

in the initial

days of

COVID-19

About the Coronavirus? % of respondents, Feb 2020 **Broadcast media/TV/radio 59**% Canadian-based online news sources 51% International-based online news sources 33% Social media 32% Newspapers/print media 29% **US-based online news sources** 16% Word-of-mouth/family and friends 16% Other None of the above

Where Are Adults in Canada Getting Information

Note: ages 18+; <2% selected don't know/prefer not to answer Source: Leger Marketing, Feb 14, 2020

Slight Uptick In OTT Usage

 During quarantine,

consumers

subscribed to

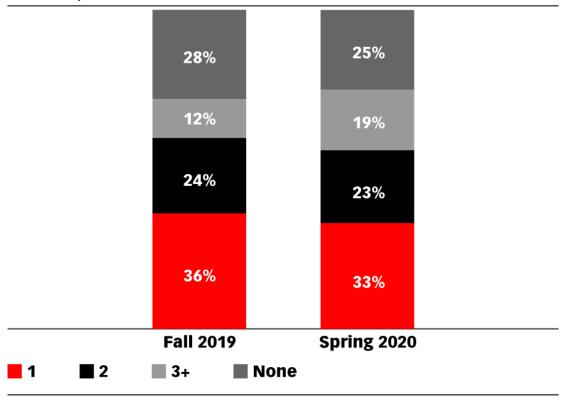
more

services on

average

Coronavirus Impact: Number of Over-the-Top Subscriptions per Household Among Adults in Canada, Fall 2019 & Spring 2020

% of respondents

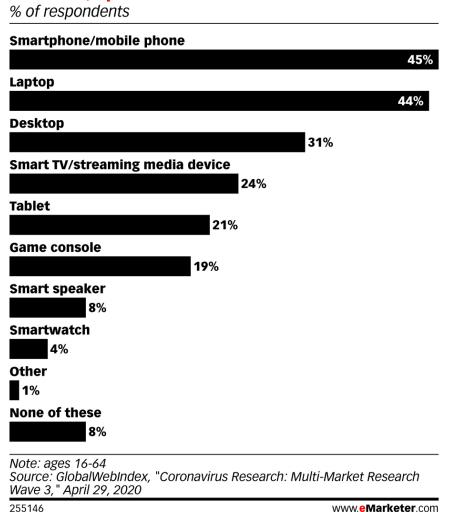


Note: ages 18+

Source: Media Technology Monitor and CBC/Radio Canada, "Sneak Peek Spring 2020" conducted by Ad Hoc Research, May 28, 2020

Device Usage is Up Across the Board

Smart TV and streaming device usage up by 24% of users during lockdown



Devices Internet Users in Canada Have Been Spending More Time Using Since the Coronavirus

Pandemic, April 2020

Some Takeaways To Consider

- Connected/Advanced TV is providing an opportunity to expand monetization of growing consumption across TV and video, capitalizing on viewers who use smart TVs, connected devices and gaming consoles to access content
- There is a drive from broadcasters to make sure that all of their content is being properly monetized and captured for measurement
- More advanced set-top boxes have the promise of providing return path data creating a foundation for targeting
- Still a need for data quantifying TV and video consumption across screens, an ongoing effort in Canada



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