VOD Ad Impression

2018 Q3 Insights Report



VOD Dynamic Ad Insertion (DAI)

VOD DAI is National TV Networks inserting brand advertising & tune-in promotions into their Video on Demand programming on MVPDs' VOD platforms

consumer picks TV program from MVPDs' VOD menu





consumer watches TV program



consumer watches ads inserted as ad breaks occur before, during and after the program



MVPD is a cable, telco, or satellite company **VOD Platforms** include: traditional QAM set-top-box, IP set-top-boxes, tablets, laptops, and mobile phones



About Canoe VOD DAI

- Canoe provides a quality controlled platform for National TV Networks
 - Ad campaigns route through Canoe
 - Campaigns are monitored by and issues resolved with Canoe
 - Verified reporting and analysis returned



TV Networks Using Canoe VOD DAI:



A&E, Lifetime, History, LMN, FYI, Viceland



AMC, AMC Premiere, WE, Sundance, IFC, BBC America



CBS, PopTV



The CW



Discovery, American Heroes, Animal Planet, Destination America, Discovery Family, Discovery Life, OWN, Science Channel, TLC, Velocity, Discovery en Espanol, Discovery Familia, Investigation Discovery, Cooking, DIY, Food, HGTV, Travel



Fox, FX, FXX, FXM, FX+, Nat Geo, Nat Geo Wild,



Hallmark Channel



Hip Hop On Demand



Kabillion, Girls Rule



Kid Genius



Impact



Music Choice

NBCUniversal

Bravo, E!, NBC, Oxygen, Universal Kids, Syfy, Telemundo, USA, NBC Sports Net, NBC News, NBC Universo, MSNBC, CNBC, Golf Channel

SONY

Sony Cine

STARZ

Starz, Starz Encore, MoviePlex

TUI'NEI'

TBS, TNT, Adult Swim, CNN, Cartoon Network, truTV



TV One



Univision, Galavision, Unimas, Univision Deportes, El Rey



Nick Jr., Nickelodeon, BET, Paramount, MTV, MTV2, CMT, TV Land, VH1, VH1 Classic, Comedy Central, Logo



ABC, Disney Jr., Freeform, Disney Channel, Disney XD

Emmy Winners on Canoe VOD DAI:

NBC 16 FX 12 **CNN** 8 5 Nat Geo VH1 5 3 Fox **Adult Swim** 2 2 **Cartoon Network** 2 **CBS** 2 Starz



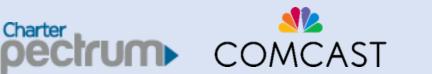


Canoe VOD DAI Footprint

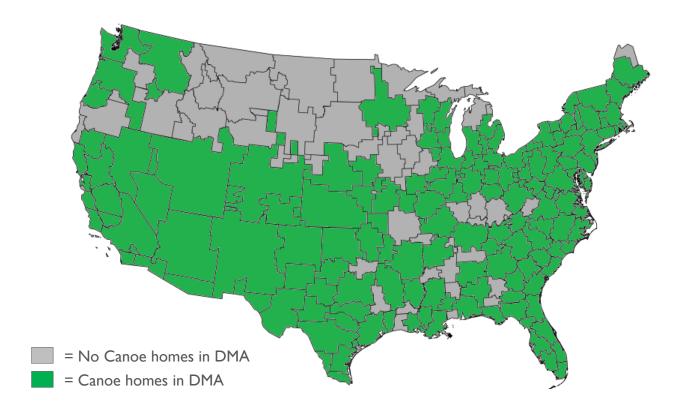


36M HOUSEHOLDS ON:







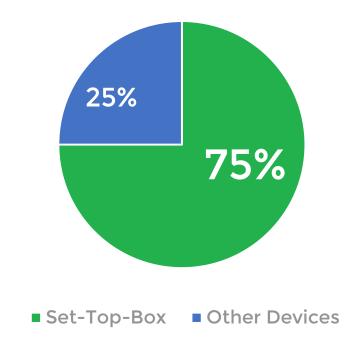


Additional Households may be available from select Programmers in addition to the Canoe quality controlled Footprint.



VOD Platforms

Platforms Used in Q3 2018



Other Devices includes the MVPD VOD service on any device other than a traditional QAM set-top box (e.g. IP set-top-boxes, tablets, laptops, and mobile phones)

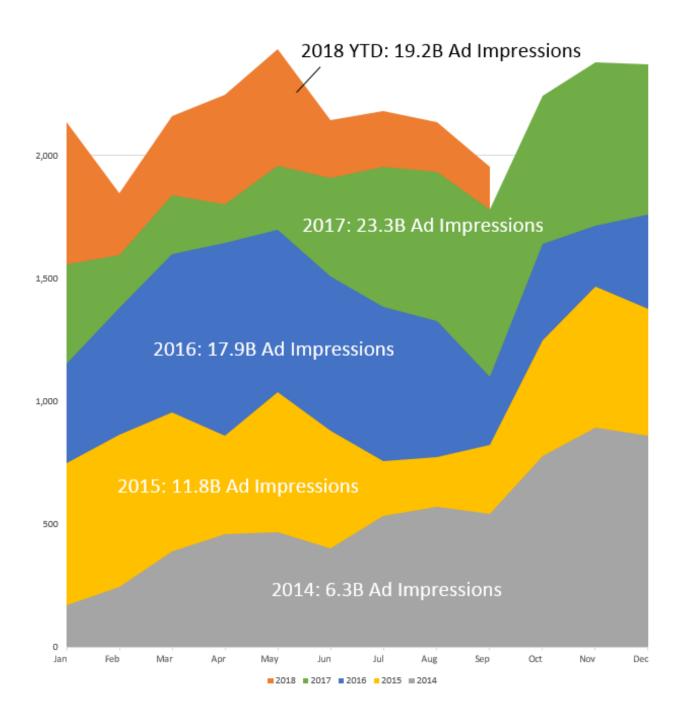


Q3 2018 Total



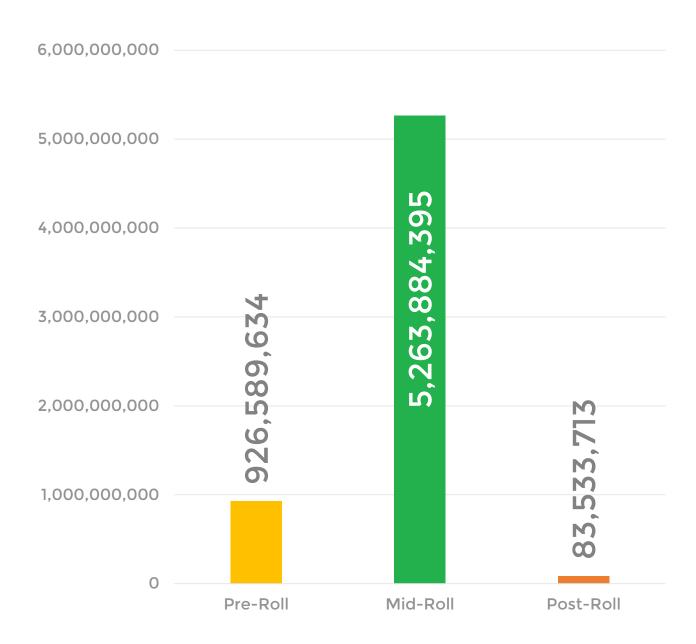


2014 through Q3 2018





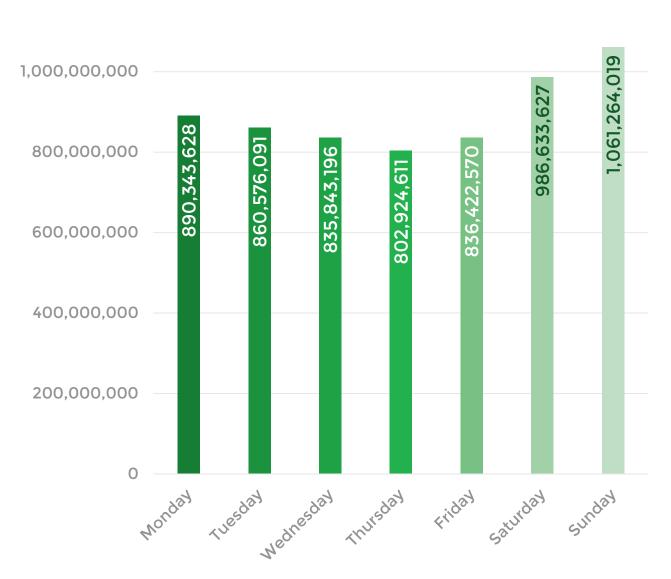
Q3 2018 By Break





Q3 2018 By Day of Week

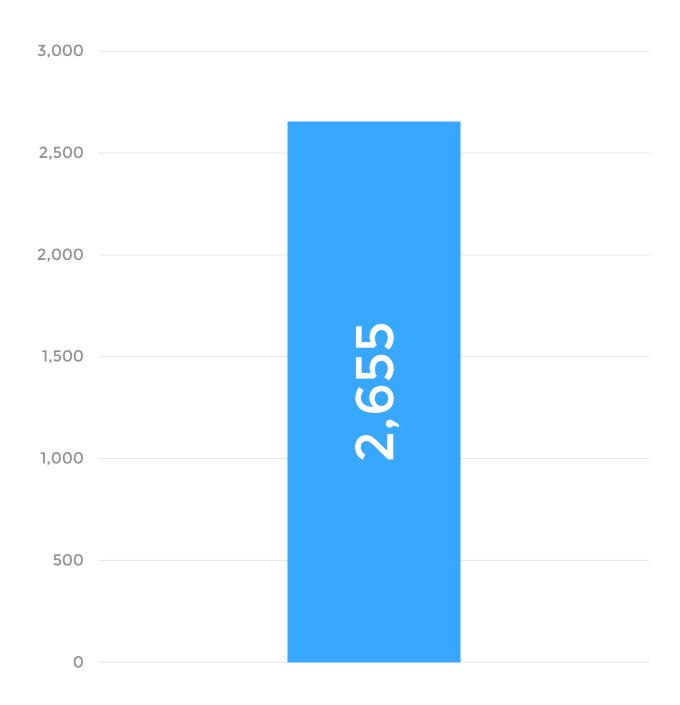
1,200,000,000





Campaigns

Total Campaigns Running In Q3 2018

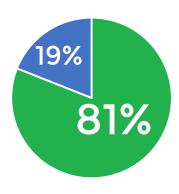




Campaign Types

Campaigns Running in Q3 2018

81% of Campaigns were External Advertisers while 19% were Internal Network Tune-In/Promo



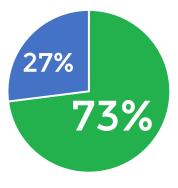
External AdvertisersNetwork Tune-In/Promo

Of the External Campaigns, 90% were Direct Sold while 10% in Private Marketplaces



■ Direct Sold ■ Marketplaces*

External and Internal Combined used 73% of available inventory



■ Sold ■ Remaining

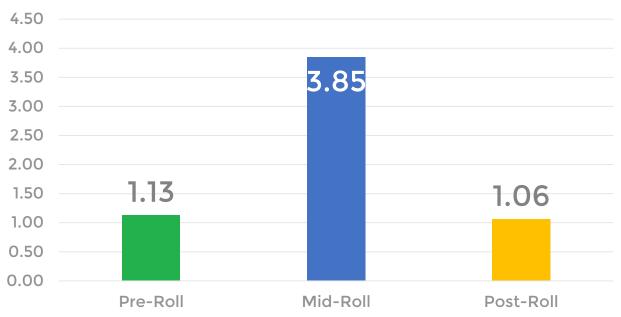


^{*} Marketplaces include FreeWheel Markets, and Canoe Backfill

Campaign Loads

Campaigns Running in Q3 2018





For campaigns that utilize { Frequency Capping } the average campaign caps at



Impressions per episode.



Campaign Ad Frequency

Campaigns Running in Q3 2018

In an episode, 72% of the time, consumers saw the same campaign ad 1 time

BY EPISODE

# of Impressions (by Campaign)	% of HHs
1	72.53%
2	21.53%
3	2.21%
4	1.57%
5	1.04%
6	0.64%
7	0.20%
8	0.08%
9	0.07%
>10	0.12%

BY WEEK

# of Impressions (by Campaign)	% of HHs
1	51.91%
2	26.96%
3	7.35%
4	5.24%
5	2.56%
6	1.91%
7	0.93%
8	0.73%
9	0.47%
>10	1.94%

BY MONTH

# of Impressions	% of HHs
(by Campaign)	
1	47.27%
2	26.57%
3	8.34%
4	6.12%
5	3.16%
6	2.42%
7	1.30%
8	1.04%
9	0.69%
>10	3.09%

BY QUARTER

# of Impressions (by Campaign)	% of HHs
1	44.39%
2	25.82%
3	8.87%
4	6.60%
5	3.58%
6	2.78%
7	1.61%
8	1.29%
9	0.89%
>10	4.18%



Definitions and Methodology

Household

Subscriber of the cable service. A household can have one or multiple viewing devices and/or persons.

Multi-system or multichannel operator (e.g. Comcast, Cox, Charter). Distributor of multiple television networks to the Household.

Cable/MSO /MVPD

Ad Impression

One viewing of an advertisement by a single device of the Household. Measured by the first-frame in Play Mode.

Campaign

Coordinated series of advertisements with a single idea or theme. It is typically broadcast through several television networks. A Canoe Campaign is the instruction set for executing a Canoe Order. A campaign may contain one or multiple Campaign Line Items.

DMA

Designated
Market Area. A
geographic area
that represents
specific television
markets.

VOD Platforms

VOD Platforms include: traditional QAM set-top-box, IP set-top-boxes, tablets, laptops, and mobile phones



Definitions and Methodology

Break

Grouping of ad placements (e.g. Pre-Roll, Mid-Roll)

Entertainment

Pre-Roll

Group of ads scheduled previous to entertainment content beginning.

Mid-Roll

Group of ads scheduled within the entertainment content.

A VOD session typically has multiple Mid-roll breaks (e.g. Mid-roll 1, Mid-roll 2, etc.)

Post-Roll

Group of ads scheduled following the end of the entertainment content.

