

# Senate Committee on ARPA Spending Economic Development/Workforce Development Subcommittee

September 23, 2021

**The FCC defines broadband as a minimum of 25 Mbps download and 3 Mbps upload speeds.**

# Usage Scenarios

5M / 2.75M

## SIMULTANEOUS ACTIVITY

Parent #1	Zoom
Parent #2	Teams
Child #1	Zoom
Child #2	Virtual Classroom

# Usage Scenarios

5M / 2.75M

## SIMULTANEOUS ACTIVITY

Parent #1	Zoom
Parent #2	Teams
Child #1	Zoom
Child #2	Virtual Classroom

20M / 2.7M

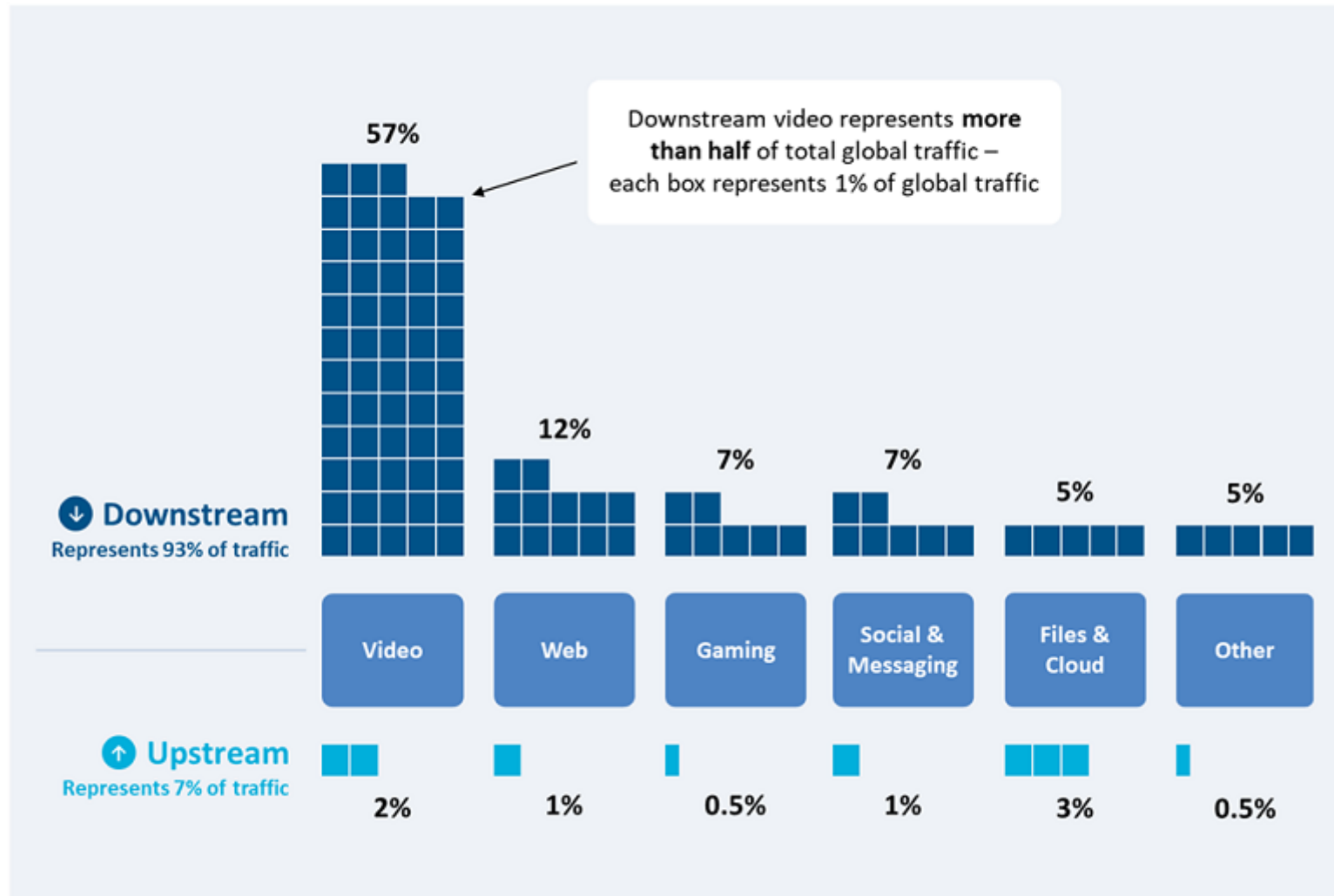
## SIMULTANEOUS ACTIVITY

Parent #1	Zoom
Parent #2	Teams
Child #1	Zoom
Child #2	Virtual Classroom

## PLUS

- 2 TVs streaming HD video
- 1 Spotify Stream in High Quality
- 1 1080P Youtube stream

# Summary of Traffic Utilization – Downstream v Upstream



# Broadband Investment

Annual investment by U.S.  
broadband providers

**\$80 Billion**

# Broadband Investment

Federal funding to bridge the digital divide between 2010 and 2020:

**\$107.5 Billion**

Federal funding for broadband efforts in 2020 and 2021:

**\$655 Billion**

# Digital Divide – Adoption Solutions

	Connect2Compete	ConnectAssist Coming Q4 2021	Emergency Connectivity Fund (ECF)	Special Payment Program (CARES ACT)	Emergency Broadband Benefit (EBB)
Description	<b>Cox sponsored program</b> providing low-cost internet to families with children K-12 receiving government assistance	<b>Cox sponsored</b> affordable internet for low-income individuals receiving government assistance	<b>Government funding</b> for K-12 schools and libraries to request on behalf of unconnected students/patrons and qualified staff to subsidize 100% of internet monthly. Active through June 2022	Cox sponsored program that allows schools, businesses or other organizations to pay for residential internet services. The payor may obtain funds from any source.	<b>Government sponsored</b> internet service for low-income households ***Note: new program and rules expected by end of 2021***
Cost & Billing	<ul style="list-style-type: none"> <li>\$9.95/month</li> <li>Free wifi modem rental</li> <li>Free installation</li> <li>Customers pay Cox directly</li> </ul> <p>Note: Schools or other organizations can pay Cox directly on behalf of group of students through the Special Payment Program.</p>	<ul style="list-style-type: none"> <li>\$30/month (with wifi modem rental) + taxes</li> <li>Free self installation</li> <li>\$20 professional install (if needed)</li> <li>Customers pay Cox directly</li> </ul> <p>Note: Schools or other organizations can pay Cox directly on behalf of qualified individuals or families through the Special Payment Program</p>	<ul style="list-style-type: none"> <li>\$30/month (billed to schools/libraries)</li> <li>\$20 one-time modem purchase</li> <li>\$100 pro install (if needed)</li> <li>Cox will bill USAC directly then send statement to School or Library</li> <li>USAC will pay 100% up to the School or Library's approved funding allocation.</li> </ul>	<p>Organizations can subsidize up to 100% towards monthly service</p> <ul style="list-style-type: none"> <li>Must include at least 25 participants</li> <li>Payor defines benefit amount they will pay for each participant</li> <li>Payor sends one payment to Cox each month</li> <li>Can apply to any Cox Residential Service Tier</li> </ul>	<p>Customer receives discounts of up to \$50/month (\$75 for Tribal lands) Includes up to \$100 for a device</p> <p>Cox submits for reimbursement to USAC monthly</p>
Features	<ul style="list-style-type: none"> <li>Access to over 3M+ Cox Hotspots nationwide</li> <li>Cox Security Suite – online safety software tools</li> <li>Access to the Cox Digital Academy, which provides educational resources</li> </ul>	<ul style="list-style-type: none"> <li>Access to over 3M+ Cox Hotspots nationwide</li> <li>Cox Security Suite – online safety software tools</li> <li>Access to the Cox Digital Academy, which provides educational resources</li> </ul>	<ul style="list-style-type: none"> <li>Access to over 3M+ Cox Hotspots nationwide</li> <li>Cox Security Suite – online safety software tools</li> <li>Access to the Cox Digital Academy, which provides educational resources</li> </ul>	<ul style="list-style-type: none"> <li>Access to over 3M+ Cox Hotspots nationwide for specific internet tiers</li> </ul>	All internet plans qualify for the Emergency Broadband Benefit, including Connect2Compete, ConnectAssist (coming soon) and StraightUp Prepaid Internet
Qualifications	Must have a <b>child in K-12 at home and participate in one of the following government subsidy programs</b> (National School Lunch, SNAP, TANF, Head Start, WIC, Low Income Home Energy Assistance Program (LIHEAP), Public Housing	Must participate in <b>one of the following government subsidy programs</b> National School Lunch, SNAP, TANF, Head Start, WIC, Low Income Home Energy Assistance Program (LIHEAP), Public Housing, Pell Grant, Veterans Pension, Tribal Programs, Supplemental Security Income (SSI)	Eligible households must be identified by <b>participating school or library and certified as being otherwise unconnected without the subsidy.</b>	Eligible households must be identified by the payor directly.	<b>Connect2Compete participant, Lifeline participant, participation in one of the following government subsidy programs:</b> National School Lunch, SNAP, TANF, Head Start, WIC, Low Income Home Energy Assistance Program (LIHEAP), Public Housing, Pell Grant, Tribal Programs, Medicaid, Supplemental Security Income (SSI), Veterans Pension OR <b>proof income is less than 135% of poverty level</b>
Find out More	<a href="http://cox.com/c2c">cox.com/c2c</a>	TBD	<a href="http://cox.com/ecf">cox.com/ecf</a>	<a href="http://cox.com/caresact">cox.com/caresact</a>	<a href="http://cox.com/ebb">cox.com/ebb</a>



# Digital Divide – Availability Solutions

## Detailed and Accurate Mapping

*Dedicate funding to create and maintain a comprehensive and granular map that shows which areas are unserved.*

## Build to Unserved Areas

*Dedicate funding to areas that cannot get broadband service without government help and establish a process enabling equal opportunity for providers to compete for government partnerships.*

## Oversight of Spending

*Ensure funds are being spent to truly serve unserved areas and not overbuild and create duplicative networks.*



Questions?

COX