Broadband in America:
LEADING AMERICA INTO THE FUTURE

The state of American broadband is fast, ubiquitous, and affordable. Moreover, it’s enabling our economy through innovation, private investment, and job creation. Any way you measure it—speed, pricing, adoption, and competition—the United States is a world leader in broadband Internet.

High Speed
THE VAST MAJORITY OF AMERICANS HAVE ACCESS TO HIGH-SPEED BROADBAND INTERNET.

95% of Americans have access to speeds of 4 Mbps down; and 94% have access to speeds of 10 Mbps down.

U.S. broadband providers deliver 109% of advertised speeds, while E.U. broadband providers deliver 76% of advertised speeds.

>85% of households in the U.S. have access to networks capable of speeds of 100 Mbps.

MEASUREMENTS OF AVERAGE CONNECTION SPEEDS
If U.S. states were ranked globally, three states and the District of Columbia would be in the top ten on average connection speeds. In Q4 2016, the average connection speed in the U.S. was 17.2 Mbps. In Q3 2016, the average peak connection speed was 70.8 Mbps. Average peak connection speed better represents Internet capacity because it tends to exclude the impact of factors that are outside of an ISP’s control.

Low Prices
FASTEST AMERICAN BROADBAND SPEED TIER IS 660 TIMES FASTER THAN IT WAS IN 2002, BUT NOMINAL PRICES HAVE REMAINED MOSTLY FLAT, AND PRICE PER MBPS CONTINUES TO DROP.

ENTRY-LEVEL PRICING FOR BROADBAND IN OECD COUNTRIES

PRICE PER GB OF DATA (USD) AT SPEEDS OF 25 MBPS OR GREATER

March 28, 2017
The U.S. leads the world in telecommunications investment, having invested $70 billion in 2010 alone; China, which is second on the list, invested half that amount, or $34 billion. Four of the top 25 nonfinancial companies that invest in America are broadband providers.

$70 Billion
The U.S. leads the world in telecommunications investment, having invested $70 billion in 2010 alone; China, which is second on the list, invested half that amount, or $34 billion. Four of the top 25 nonfinancial companies that invest in America are broadband providers.

$1.5 Trillion Invested
From 1996 to 2015, Internet providers have invested $1.5 trillion in American Internet infrastructure.

10.8 Million Jobs
Broadband Internet supports nearly 11 million jobs in the United States, including both jobs in the information and communications technology ("ICT") industry and ICT-related jobs in other industries.

1.66 Million Americans
The app economy now employs 1.66 million Americans—up from zero in 2007, and more than double the amount in 2013.
High Speed

>85% ACCESS TO NETWORKS CAPABLE OF 100 MBPS


95% ACCESS TO 4 MBPS; 94% ACCESS TO 10 MBPS

- Federal Communications Commission, “2016 Broadband Progress Report” (Jan. 29, 2016) (These figures refer to fixed terrestrial service. If satellite services are included, over 99% of Americans have access to speeds of 4 Mbps down, and over 99% of Americans have access to speeds of 10 Mbps down).

AS ADVERTISED SPEEDS, 109% IN THE U.S., 76% IN THE E.U.


MEASUREMENTS OF AVERAGE CONNECTION SPEEDS

- Akamai, “Akamai’s State of the Internet Q3 2016 Report,” Vol. 9, No. 3 (Dec. 2016) (This is the most recent Akamai State of the Internet Report in which average peak connection speed data is available).

Low Prices

660X SPEED INCREASE

- Based on increase in Comcast’s fastest tier download speeds from 2002 (3 Mbps) to 2015 (2 Gbps).

PRICE PER GB


ENTRY-LEVEL PRICING


Real Choice

THIRD HIGHEST CHOICE ACROSS DIFFERENT FIXED TECHNOLOGIES


89% HAD A CHOICE OF FOUR MOBILE BROADBAND PROVIDERS


Increasing Adoption

3% TO 76.7% ADOPTION


Drives Investment, Growth and Jobs

$70 BILLION INVESTMENT, $34 BILLION INVESTMENT, AND CHART


FOUR OF TOP 25 BY DOMESTIC INVESTMENT


$1.5 TRILLION INVESTED


10.8 MILLION JOBS


1.66 MILLION AMERICANS EMPLOYED BY THE APP ECONOMY


BROADBAND FOR AMERICA

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