

# HUDSON VALLEY PATTERN *for* PROGRESS

## The PULSE of the ECONOMY

EDITION 49 | MAY 20, 2021

This week Pulse turned its attention to data related to broadband, use of smartphones, and household consumption from two data sources.

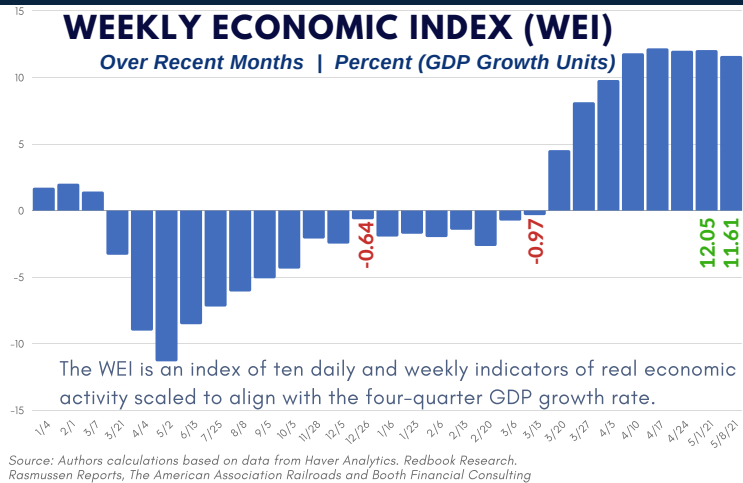
According to the Brookings study, over 100 million connected devices were added to American Homes in 2020 and AT&T reports that today, the average home has 13 connected devices, they forecast that number will triple by 2025 to 35.

The Pew Research Center shows connectivity information by community type (rural, urban, suburban).

There is money available through state and federal budgets and stimulus packages to ensure:

- o the improvement of service
- o the access for all (at an affordable price) and,
- o the ability to increase the installation of broadband/Wi-Fi infrastructure

Coming out of the pandemic, more than ever, we are going to be reliant on telecommunications.



### STOCK MARKET DOW JONES

**33,564**  
MAY 12  
CLOSING NUMBER

**33,896**  
MAY 19  
CLOSING NUMBER

**↑ 332**

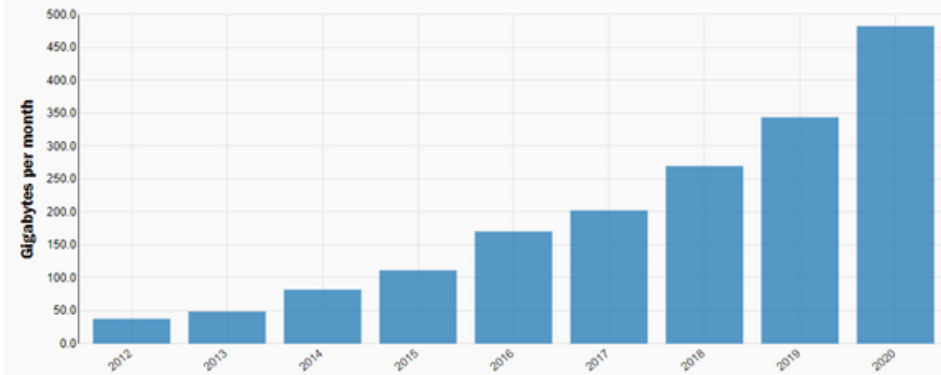
### COVID THE LATEST COUNT

	U.S. Numbers	14-Day Change	Hudson Valley Total Reported
Cases	32.8 M+	-29%	289,983
Deaths	582,362	-10%	

Updated May 12, 2021

## STRIKING A DEAL TO STRENGTHEN BROADBAND ACCESS FOR ALL

Average monthly broadband consumption per household



OpenVault Broadband Insights Report.

### KEY POINTS

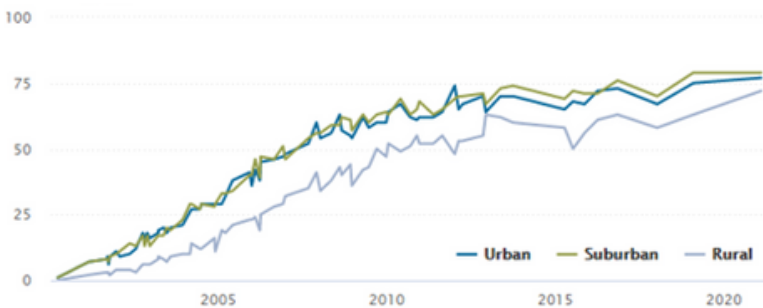
- Over 100 million connected devices were added to American homes in 2020, bringing the total to over one billion. AT&T reports the average home today has 13 connected devices—from TVs to smartphones, tablets, computers, game devices and personal assistants, such as Alexa—a number, AT&T forecasts, that will almost triple by 2025 to 35 connected devices per home.
- A new study by market researcher OpenVault has found a 40% jump—the largest in almost a decade—in broadband usage over the past year. The average household's broadband consumption is now projected to be between 600 and 650 gigabytes by December 2021.

Source: <https://www.brookings.edu/research/striking-a-deal-to-strengthen-broadband-access-for-all/>

### BROOKINGS

### % of US adults who say they have a broadband connection at home, by community type

As is true of internet adoption more broadly, home broadband adoption varies across demographic groups. Racial minorities and those with lower levels of education and income are less likely to have broadband service at home.

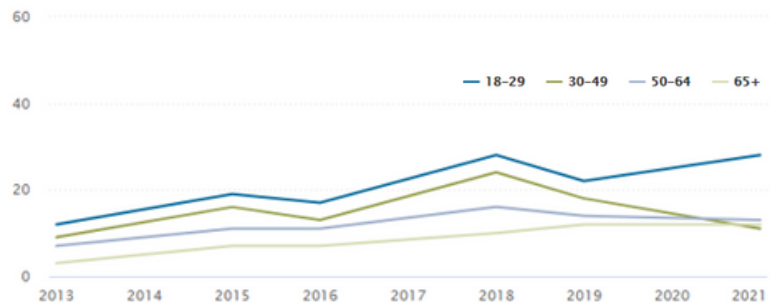


Note: The Center has used several different question wordings to identify broadband users in recent years, which may account for some variance in broadband adoption figures between 2015 and 2018. Our survey conducted in July 2015 used a directly comparable question working to the one conducted in January 2018.

Source: Survey of U.S. adults conducted 2000–2021. PEW RESEARCH CENTER

### % of US adults who say they do not use broadband at home, but own smart phones, by age

Reliance on smartphones for online access is especially common among younger adults, lower-income Americans and those with a high school education or less.



Source: Surveys of U.S. adults conducted 2013–2021. Data for each year based on a pooled analysis of all surveys containing broadband and smartphone questions fielded during that year. PEW RESEARCH CENTER

Note: For all charts, respondents who did not give an answer are not shown.

Source: PEW RESEARCH CENTER <https://www.pewresearch.org/internet/fact-sheet/internet-broadband/?menulitem=63d9c75c-5b75-409d-9a64-52bc5ed6741b>