Connection Test ATX

City of Austin, Telecom & Regulatory Affairs

Background and Purpose

Connection Test ATX is a speed test that Austin residents can utilize via SpeedUpAmerica's platform. This tool surveys respondents via wireless and wireline connections to test their speed, both upload and download, and advertised speed they are paying for internet service. This data can be mapped to a census block using an HTML code, by entering an address or using a browser location - using gateway code.

This tool works in tandem with other community engagement initiatives to generate input to support Austin's Legislative Agenda for the upcoming State Legislative Session this spring. It also helps City to advance an understanding of Austin community members' needs, and advances an opportunity for community engagement specific to digital access needs.

Currently, we are in the process of galvanizing community and technical support, with the next step of working with community hackers to develop a technical framework for coding the tool.

Presentation from Matt and Alexandra from SpeedUpAmerica
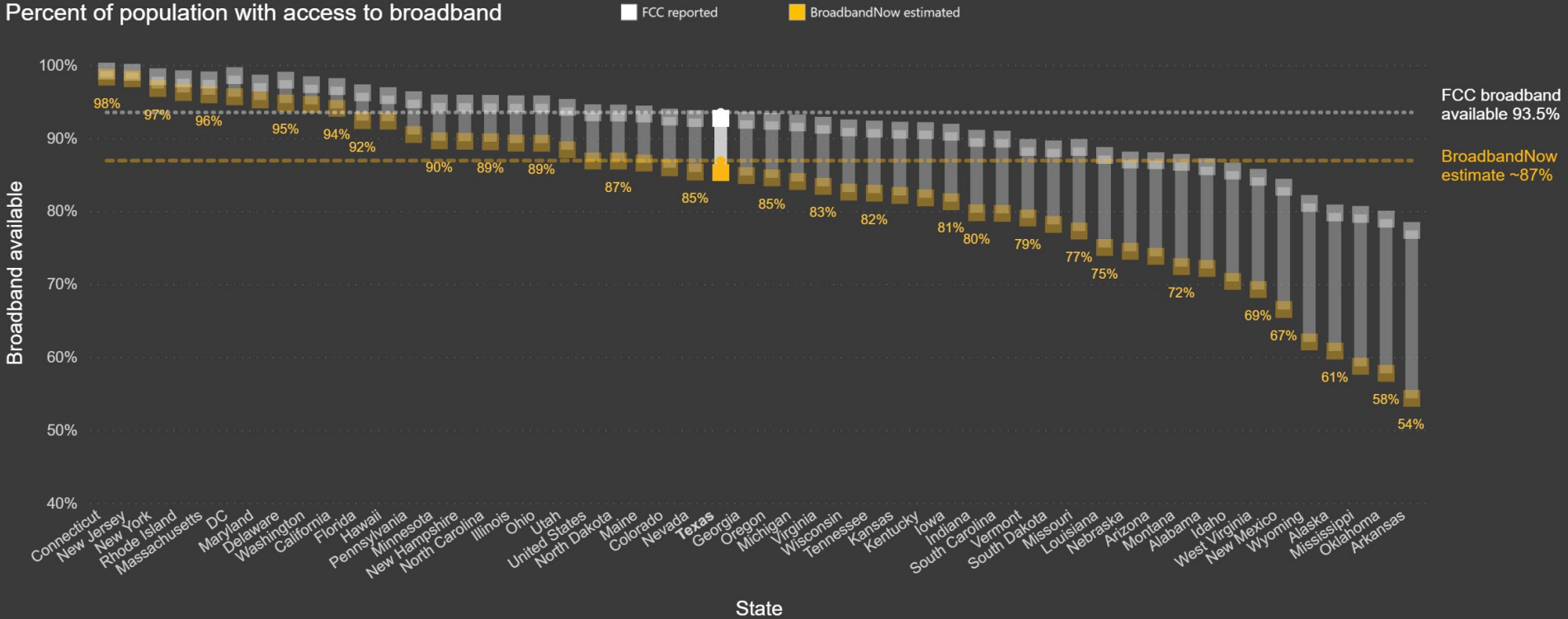
Broadband = Opportunity*

Education
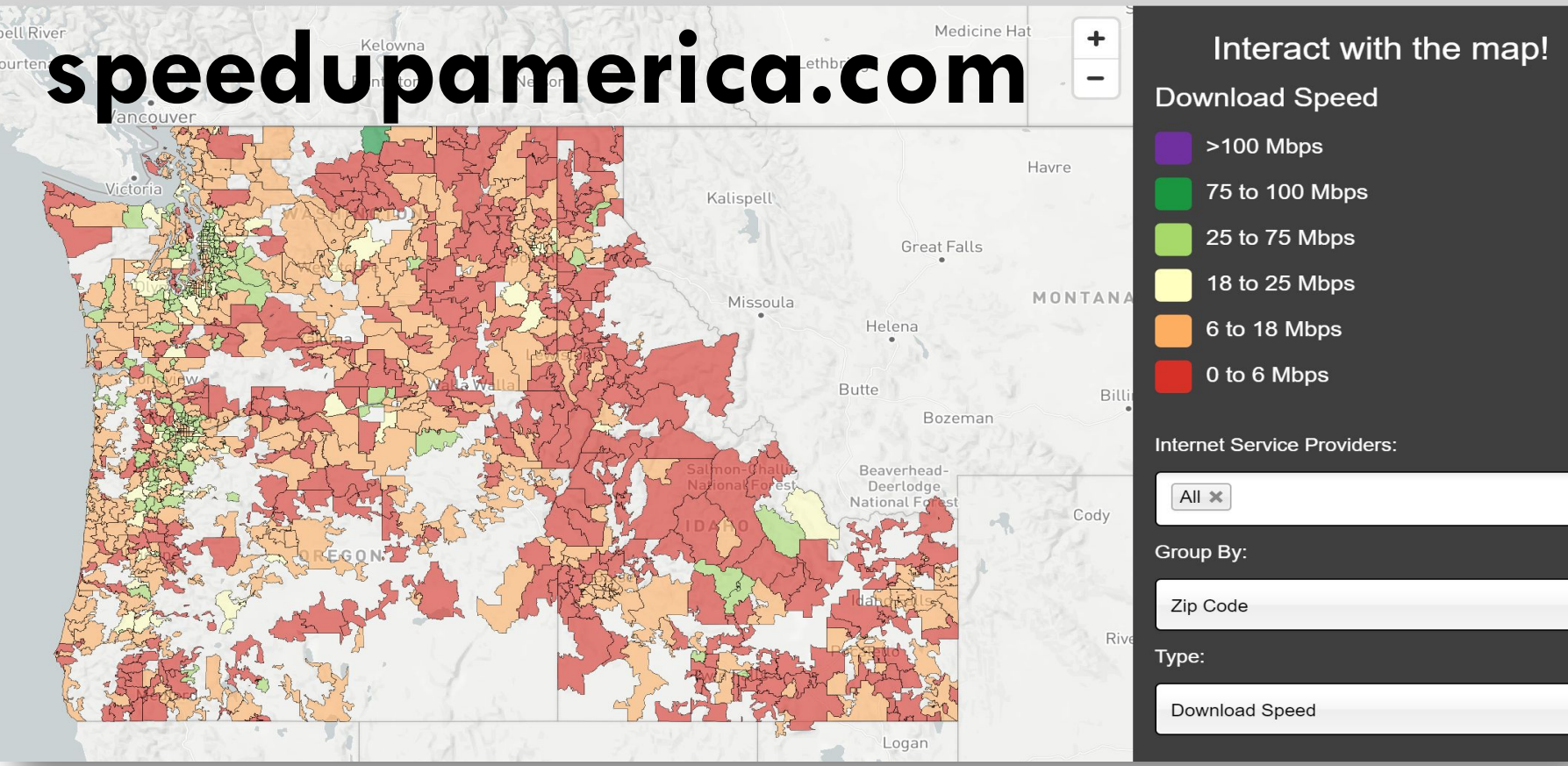
Healthcare

Jobs & Businesses

Culture & Entertainment

*It is a matter of *equity*.

FCC reports broadband is not available to 21.3M people, our study indicates ~42M do not have access. Especially in areas with larger rural populations.

Percent of population with access to broadband

■ FCC reported   ■ BroadbandNow estimated

FCC broadband available 93.5%

BroadbandNow estimate ~87%

Broadband available

98% 97% 96% 95% 94% 92% 90% 89% 89% 87% 85% 85% 83% 82% 81% 80% 79% 77% 75% 72% 69% 67% 61% 58% 54%

State

Connecticut, New Jersey, New York, Rhode Island, Massachusetts, DC, Maryland, Delaware, Washington, California, Florida, Hawaii, Pennsylvania, Minnesota, New Hampshire, North Carolina, Illinois, Ohio, Utah, United States, North Dakota, Maine, Colorado, Nevada, **Texas**, Georgia, Oregon, Michigan, Virginia, Wisconsin, Tennessee, Kansas, Kentucky, Iowa, Indiana, South Carolina, Vermont, South Dakota, Missouri, Louisiana, Nebraska, Arizona, Montana, Alabama, Idaho, West Virginia, New Mexico, Wyoming, Alaska, Mississippi, Oklahoma, Arkansas

View all tests from SpeedUpAmerica below:

speedupamerica.com

Interact with the map!

Download Speed

- 🟪 >100 Mbps
- 🟩 75 to 100 Mbps
- 🟢 25 to 75 Mbps
- 🟨 18 to 25 Mbps
- 🟧 6 to 18 Mbps
- 🟥 0 to 6 Mbps

Internet Service Providers:

All ✕

Group By:

Zip Code

Type:

Download Speed

The Demo!

Test Your Internet Speed

How are you connected?

Wireless connection, multiple devices in househ

The below questions are optional, but answering them will help determine if you are getting the internet speed you should be expecting.

Estimated price you pay per month? ⓘ

What is your advertised download speed? ⓘ

Mbps

Is this service meeting your expectations for internet speed and value?

★ ★ ★ ☆ ☆

Test My Speed!!

SpeedUpAmerica

Take the Test   About SpeedUpAmerica   FAQ

Your Results

Download Speed 33.33 Mbps

Upload Speed 61.11 Mbps

Ping 16 ms

Comparison

Your internet speed is faster than 48.23% of other ho internet connections in your area.

Next Steps?

1. Any champion that wants to bring this tool to Austin (or Texas).

2. Looking for developers who want to advance the open-source project *https://github.com/Hack4Eugene/SpeedUpAmerica*

3. Use this tool to empower Outreach and Data Gathering Campaigns already in motion.

Questions?

Matt Sayre, SpeedUp America Volunteer, matts@onwardeugene.org

Alexandra Corvello, Americorps RARE participant,
alexandra.corvello@lanecountyor.gov

Technical people can find this project on GitHub
https://github.com/Hack4Eugene/SpeedUpAmerica/wiki

Measure your internet and SpeedUp America
https://speedupamerica.com

Millions of people without broadband*

	162.8
	Microsoft

150

100

50

24.7
FCC

*https://www.cnet.com/news/microsoft-fccs-broadband-coverage-maps-are-way-off/

Greater than 25
15 to 25
5 to 15
1 to 5
-1 to 1
-5 to -1
-15 to -5
-25 to -15
Less than -25

FCC data range

Jun 2017

Difference

Download

County

Broadband Cutoffs

Municipal Broadband

Oregon

Portland
Salem
Eugene
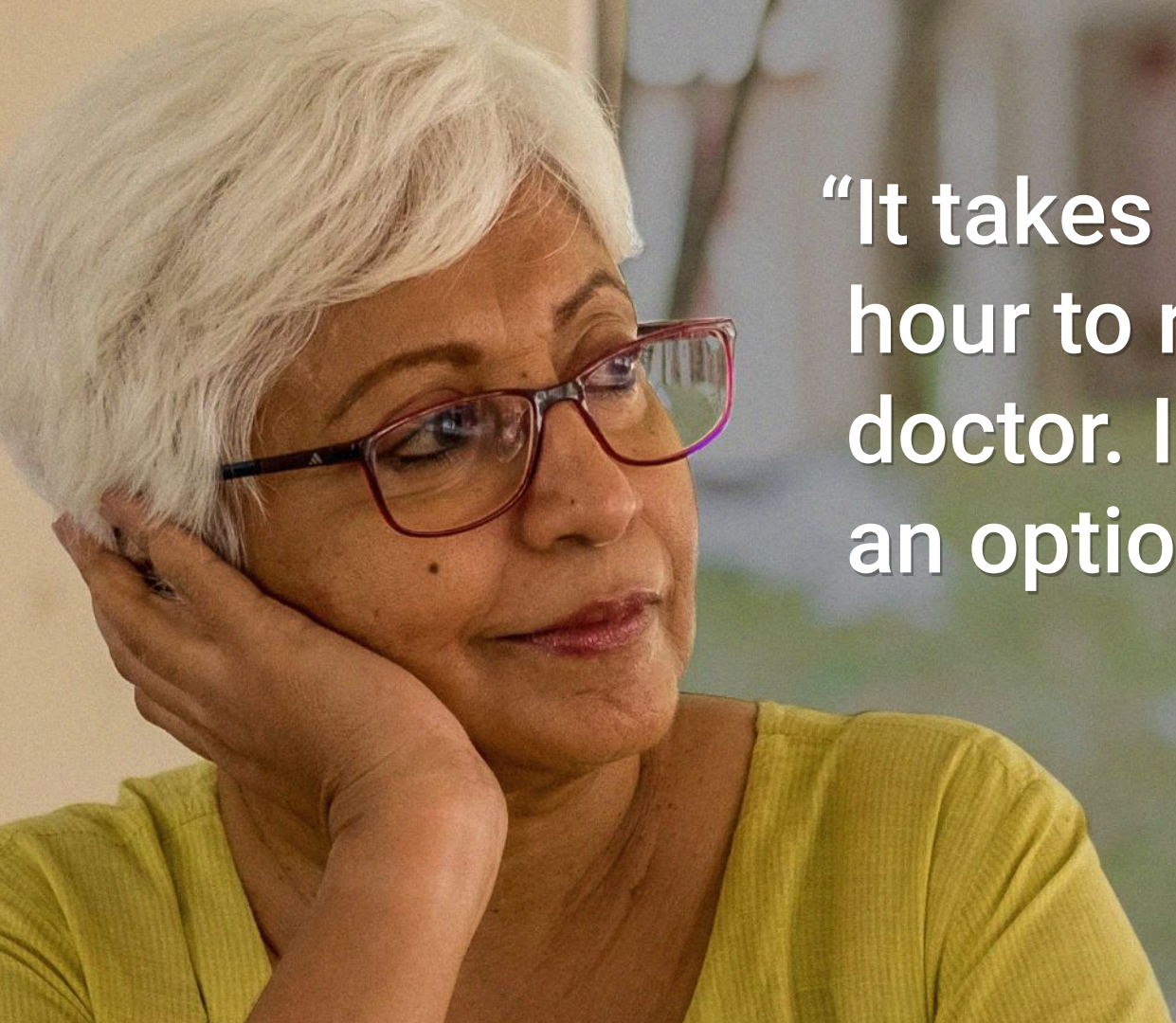Bend
OREGON
Medford

mapbox
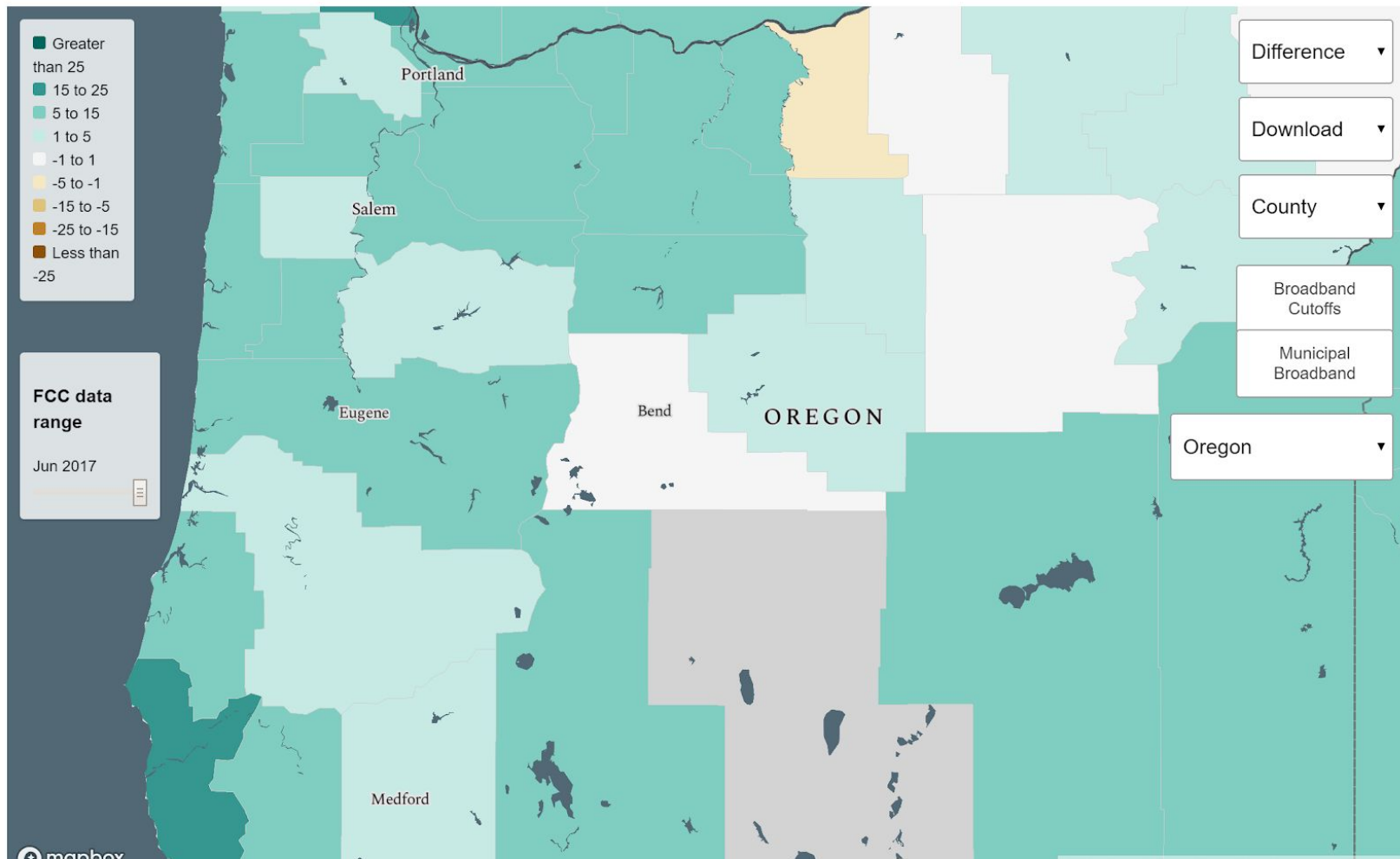
Why does broadband matter?
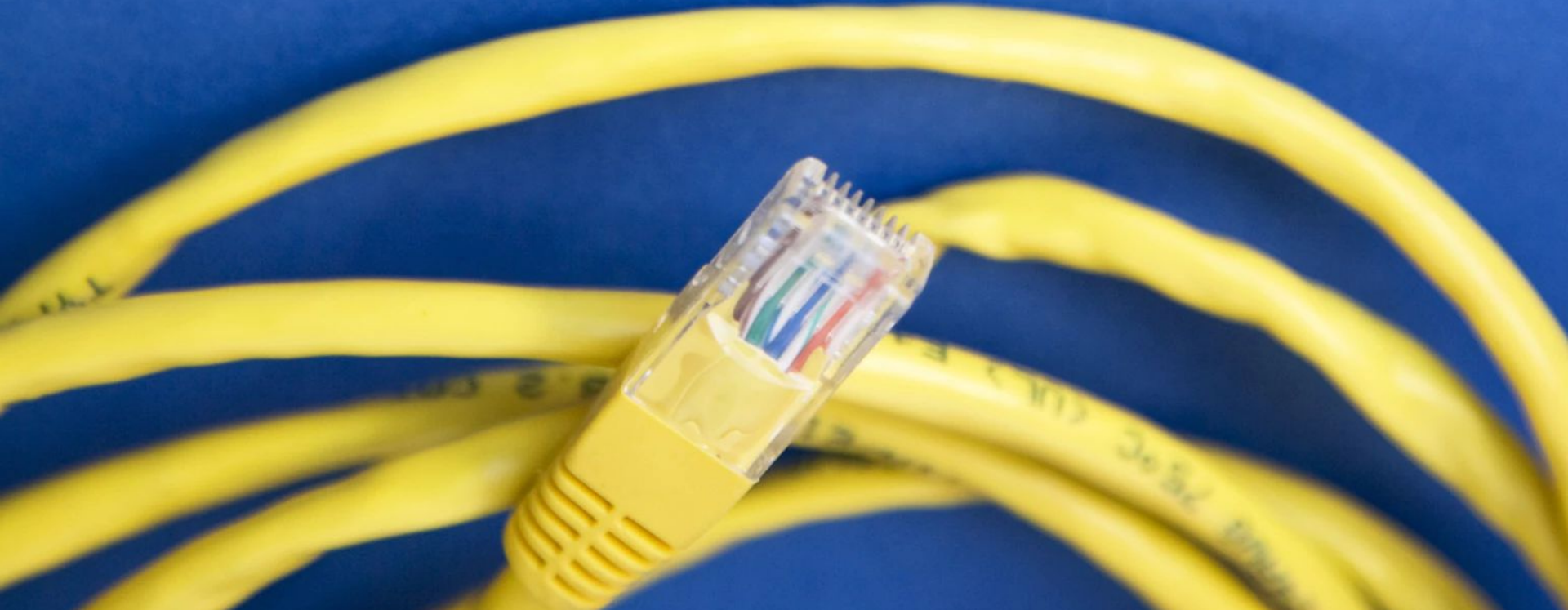
"I work from home, and don't feel like I'm getting the internet speed I pay for. Is there a way for me to check my *real* internet speed?"

"It takes me over an hour to reach my doctor. Is telehealth an option for me?"

Schools close due to the coronavirus, many U.S. students face a digital "homework gap"

HH with children ages 6 to 17	No high-speed internet at home
Annual income > $75,000	6%
Annual income < $30,000	35%

Pew Research Center, March 16, 2020