# The Problem:

Ensuring every Wisconsin K-12 student has access to broadband access for learning purposes where they live.

https://dpi.wi.gov/broadband

# Digital Equity Gap Data Collection Efforts

**1.**

Publicizing common data points
--
Six Common Questions

**2.**

Implementing Six Common Questions
--
Skyward
Infinite Campus
Power School

**3.**

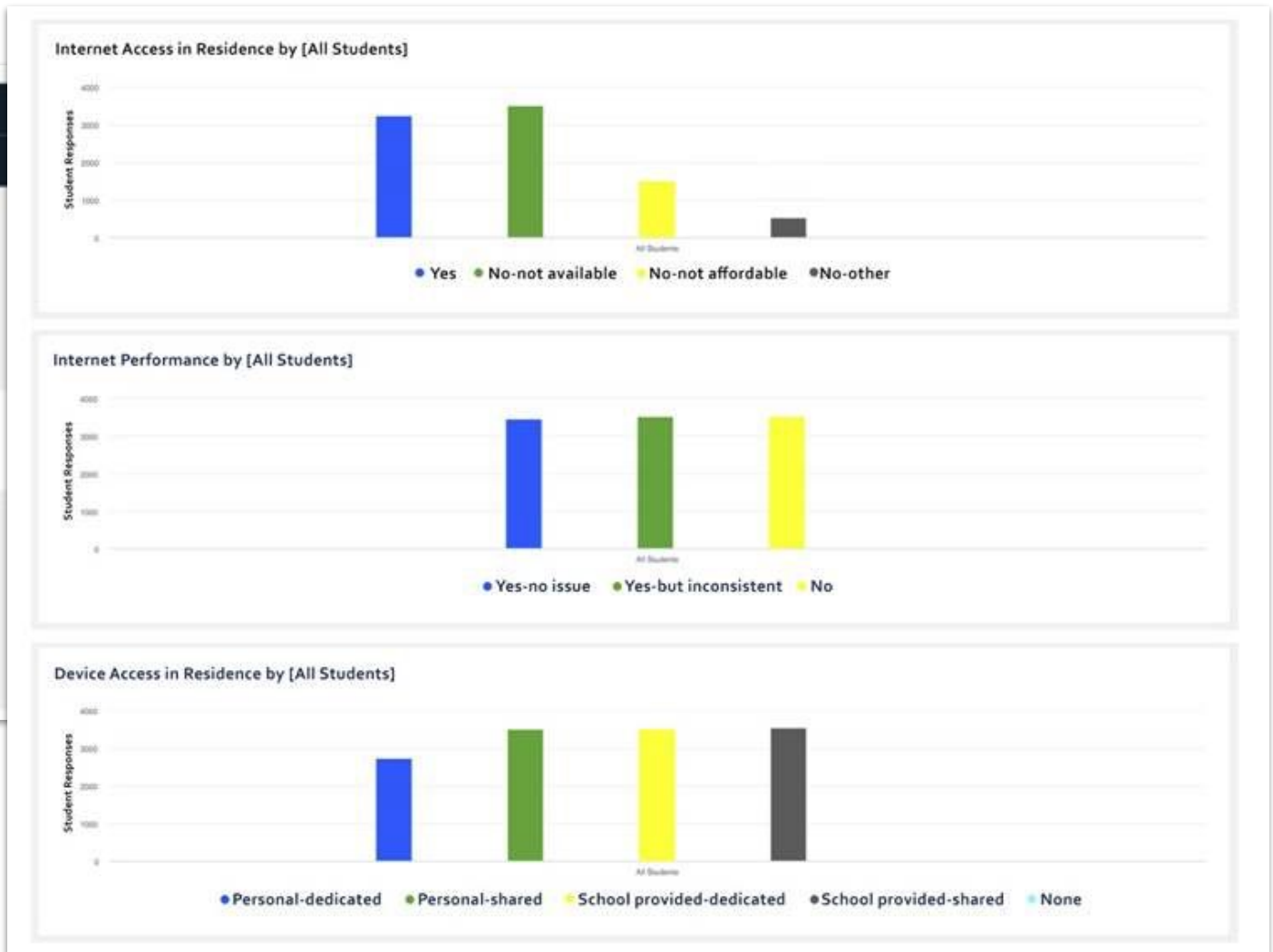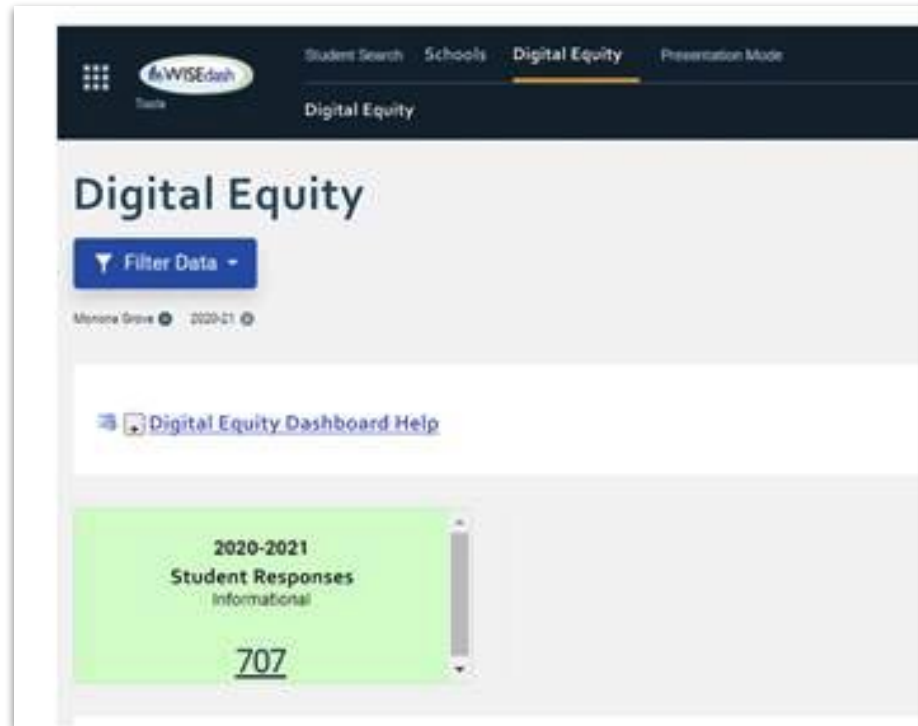Providing Free Qualtrics Survey for Districts
--
Six Common Questions

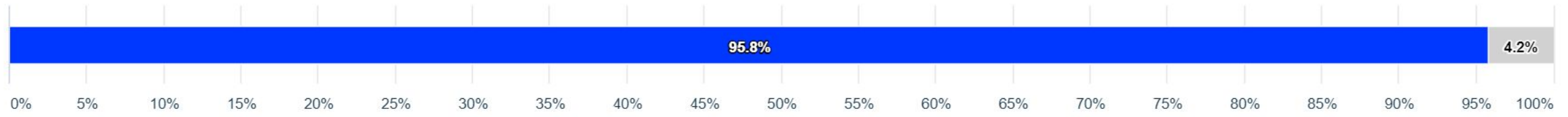https://dpi.wi.gov/broadband

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# Digital Equity Dashboard

WISEdash
WISEdash Public Portal

Digital Equity

## 2020-21 Public School Students With Confirmed Internet Access (of Students Responded)

95.8%    4.2%

0%  5%  10%  15%  20%  25%  30%  35%  40%  45%  50%  55%  60%  65%  70%  75%  80%  85%  90%  95%  100%

## 2020-21 Public School Students With Confirmed Device Access (of Students Responded)

35.9%    58.9%    5.2%

0%  5%  10%  15%  20%  25%  30%  35%  40%  45%  50%  55%  60%  65%  70%  75%  80%  85%  90%  95%  100%
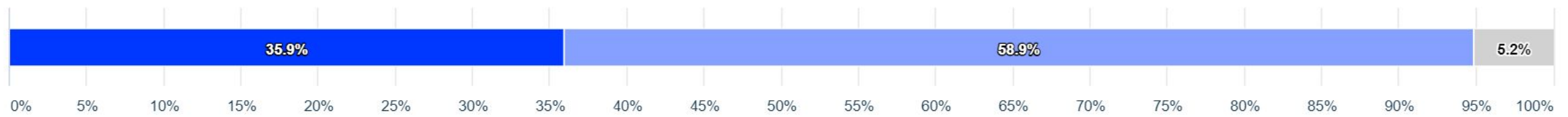
# Wisconsin Digital Equity - Home Internet Access Survey

Wisconsin Department of Public Instruction

**Access**    Performance

## Internet Access in Primary Residence
### Wisconsin, 2020 - 2021 School Year

Select a District   None Selected ▼

## About the Data

This dashboard shows the district breakdown of students without the Internet in their primary residence. Data are current as of **January 19, 2021** and will be updated periodically.

Only districts reporting having students without home internet access will appear in the district list on the right hand side of the page.

Collecting whether students have Internet access at home is part of the digital equity collection, which is intended to collect data to help address inequity in Internet access and virtual learning capabilities. Statewide digital equity data can be found on the WISEdash Public Portal.

Esri, HERE, Garmin, FAO, NOAA, USGS, EPA | Wisconsin Departme…   Powered by Esri
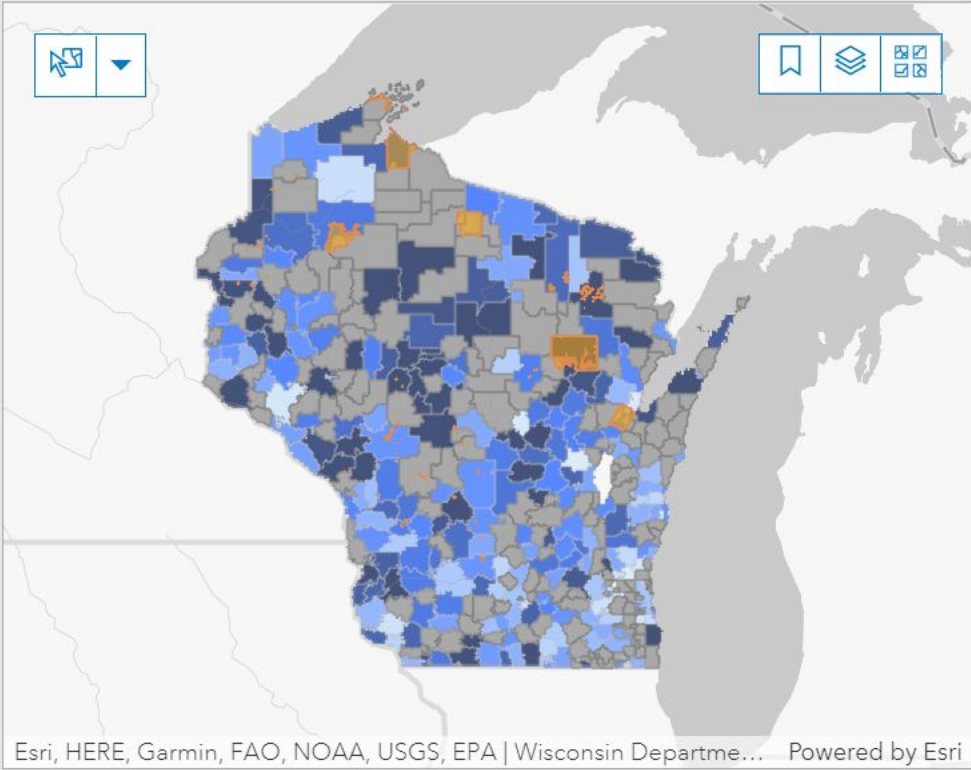
**Tribal Lands (DNR)**

**Students without Internet Access in Residence**

Percent of Students without Internet Access

## Districts Reporting

⇥ **268**

out of 421 district

# Percent of Students* without Home Internet Access by School District

*\* percentages* are out of total number of student respondents for survey question on internet access, not total number of students enrolled for that district

# Internet Service Provider Coverage by Wisconsin School District

Select a school district: **Stevens Point Area Public ▼**

## Using the dashboard

**1. Select a Wisconsin public school district using the dropdown in the upper right corner of the page.**

This will cause the map to pan and zoom to the selected district.

The map will only show Internet Service Providers (ISPs) that cover the territory within the selected district. The list to the right of the map will also filter to show the same information.

Each item will typically have the following information:

**Internet Service Provider**

## About the Data

The maps displays areas of advertised coverage data in Wisconsin. Access data are retrieved from internet providers and the Federal Communications
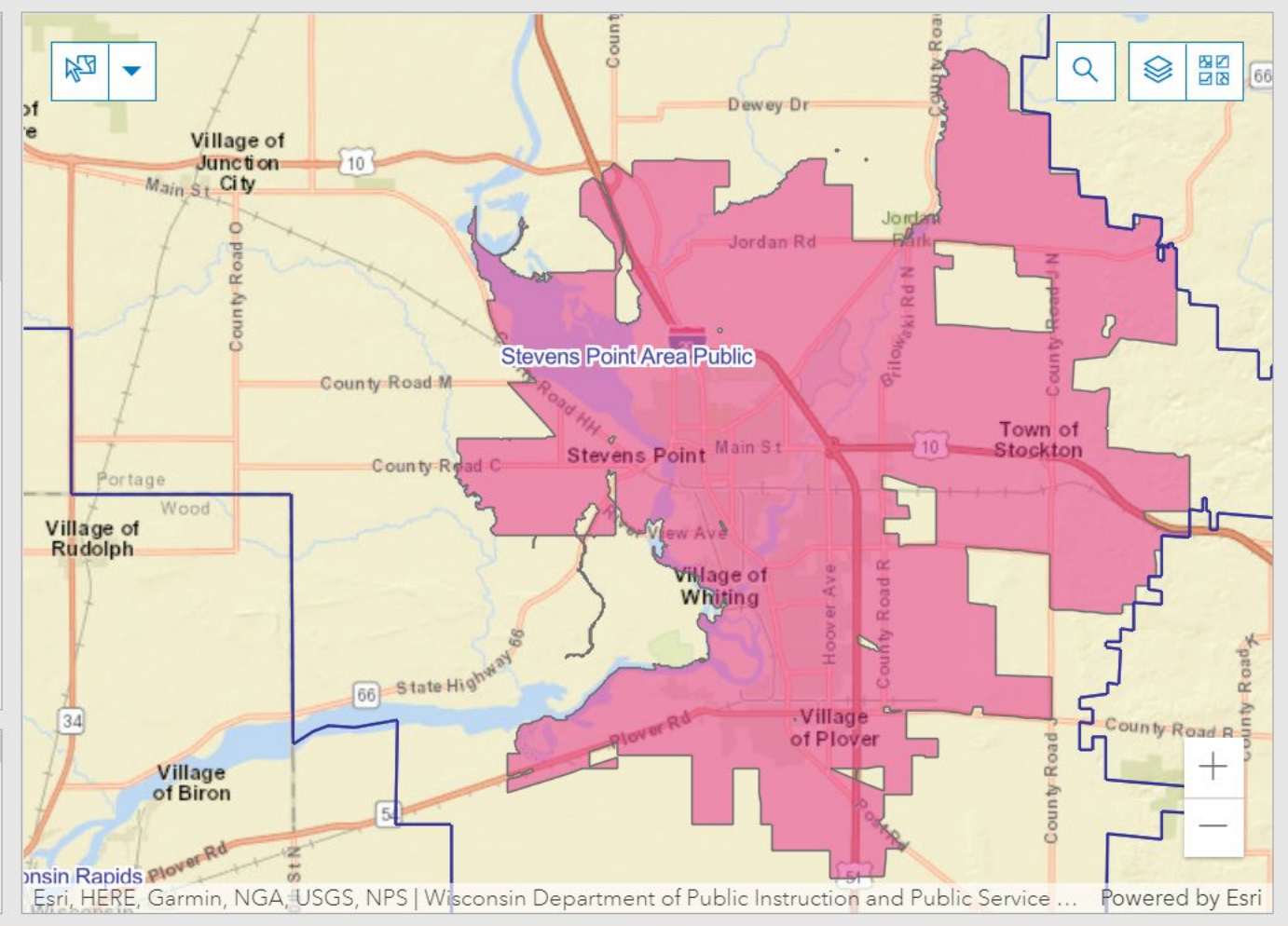
## Internet Service Providers (ISP)

**Cellcom (Mobile Wireless)** | *Mobile Wireless*
covers 90.567% of Stevens Point Area Public

**Charter Communications Inc** | *Wireline*
covers 27.238% of Stevens Point Area Public

**Country Wireless** | *Fixed Wireless*
covers 67.967% of Stevens Point Area Public

**HughesNet** | *Satellite*
covers 96.246% of Stevens Point Area Public

**King Street Wireless L.P.**

### Number of ISPs

**23**

Esri, HERE, Garmin, NGA, USGS, NPS | Wisconsin Department of Public Instruction and Public Service ... Powered by Esri

# Hogwarts SD

0% upgraded internet
0% upgraded device

ⓘ
☑ Student Homes

Filter by grade, device access and sufficient internet

Based on addresses without access download service providers available for address

Summary of students
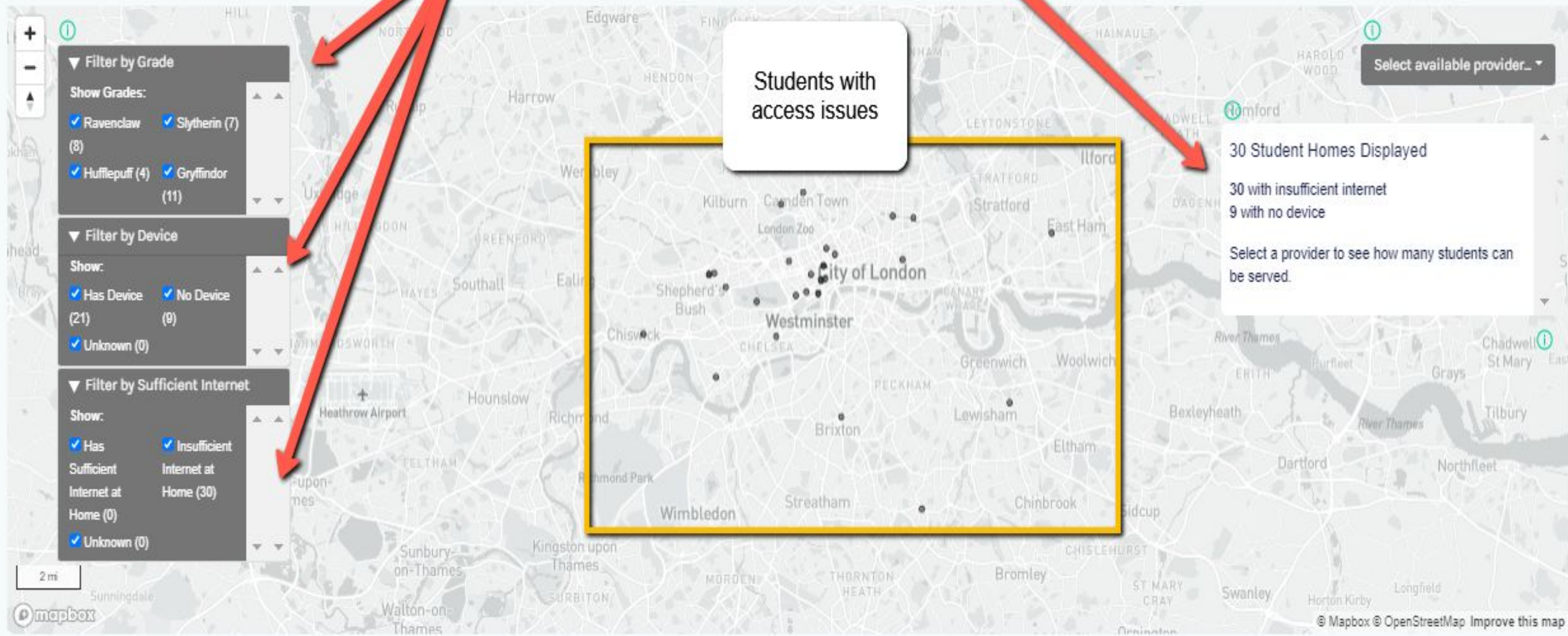
**Download Service Provider Coverage Options**

Select available provider... ▾

Students with access issues

**30 Student Homes Displayed**

30 with insufficient internet
9 with no device

Select a provider to see how many students can be served.

## ▼ Filter by Grade

Show Grades:
☑ Ravenclaw (8)  ☑ Slytherin (7)
☑ Hufflepuff (4)  ☑ Gryffindor (11)

## ▼ Filter by Device

Show:
☑ Has Device (21)  ☑ No Device (9)
☑ Unknown (0)

## ▼ Filter by Sufficient Internet

Show:
☑ Has Sufficient Internet at Home (0)  ☑ Insufficient Internet at Home (30)
☑ Unknown (0)

2 mi

ⓟ mapbox

© Mapbox © OpenStreetMap Improve this map

# Digital Equity Data Reported

- 300+ LEAs reporting out of 449 (67%)
- 330,000+ students reported out of 855,000 (39%)

- Statewide estimated student impacts
  - 24,000 - without access (14k no provider, 10k not affordable)
  - 13,000 - school providing temporary access
  - 28,000 - cannot stream video for learning

*In total, 65,000 students either lack any access or have unreliable access to the Internet*

https://dpi.wi.gov/broadband
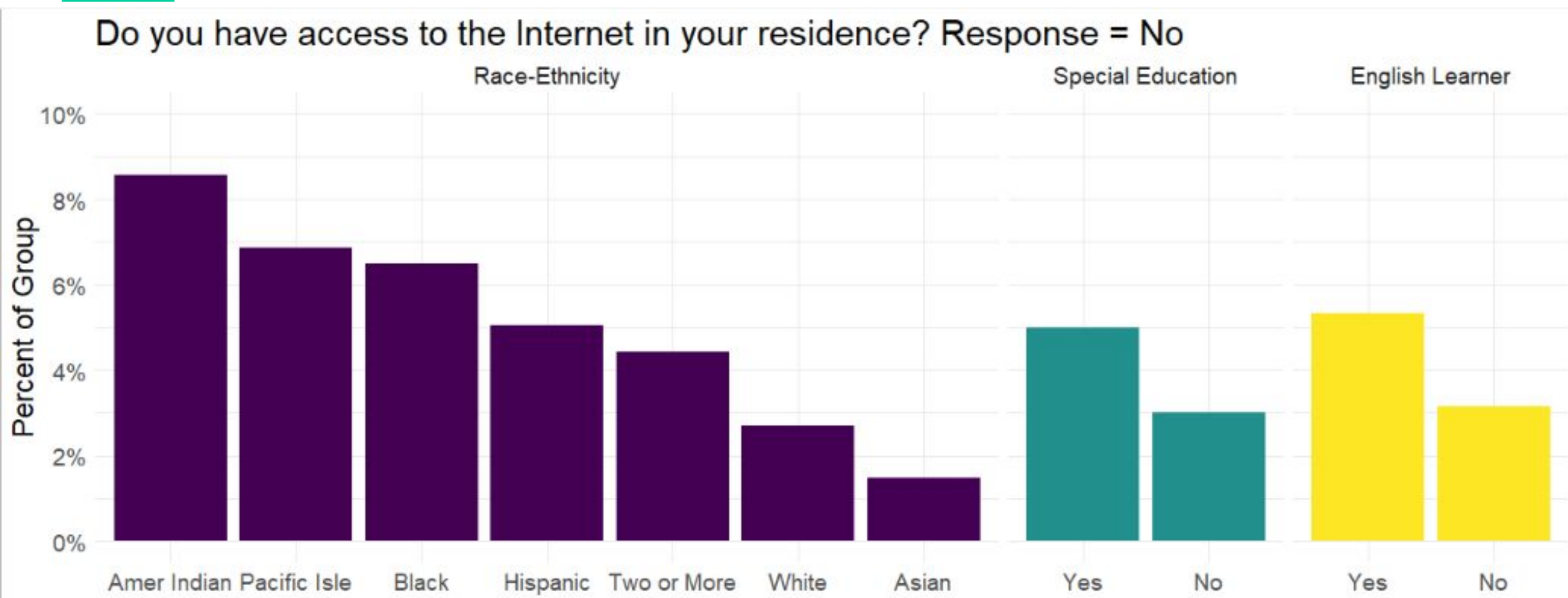
# Internet Performance* by Internet Access Type

| | Residential Broadband | Cellular Network | School Provided Hot Spot | Satellite | Dial-up | Other |
|---|---|---|---|---|---|---|
| No | 1% | 10% | 9% | 6% | 8% | 6% |
| Yes - But not consistently | 15% | 42% | 63% | 51% | 58% | 32% |
| Yes - No issues | 84% | 48% | 28% | 43% | 34% | 62% |

*"Can you stream video for learning on your primary learning device?"*

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# What other data are needed? - Speeds

# Connecting Students:

DIGITAL LEARNING BRIDGE

CESApurchasing

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# Digital Learning Bridge

**INTERNET**

**HARDWARE**

**SOFTWARE**

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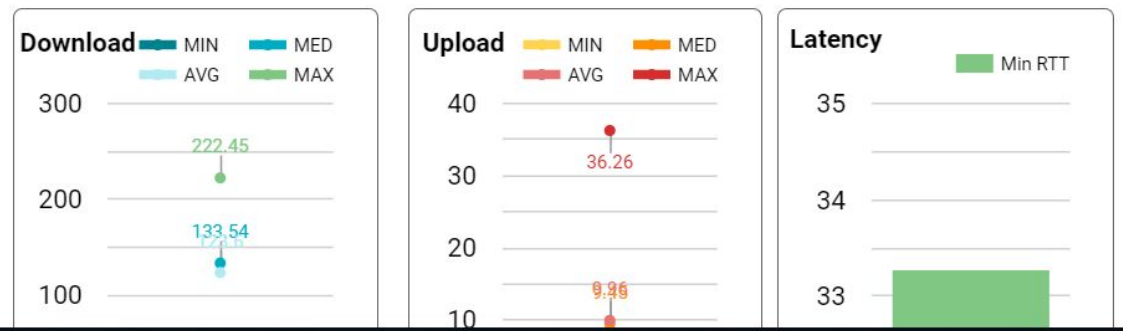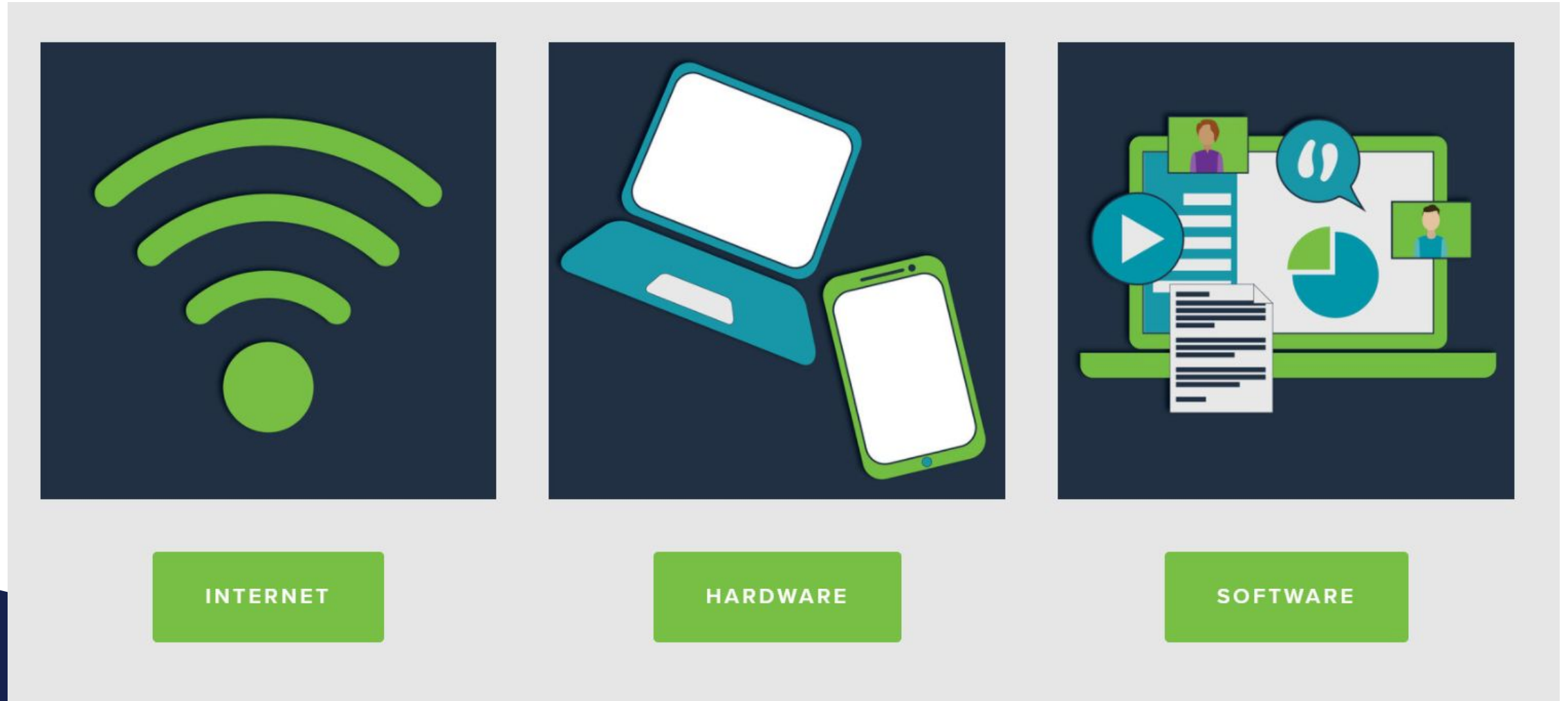
# K-12 and Library Broadband Funds

- ESSER I, II, and III
- GEER
- IMLS CARES and ARPA
- FCC Emergency Connectivity Fund
- FCC E-rate

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