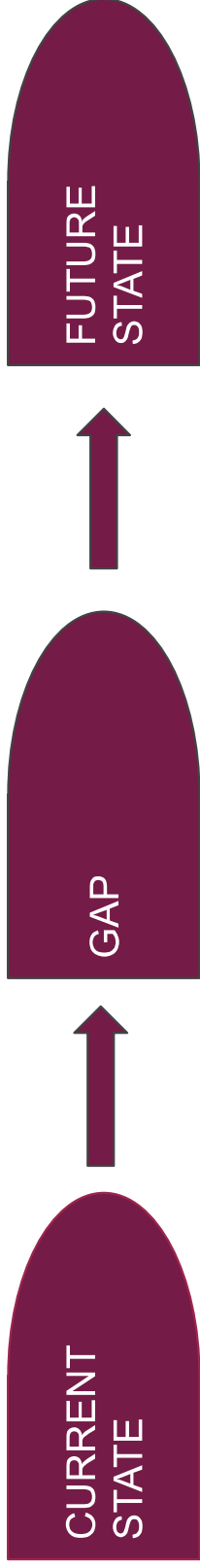




# Broadband Asset Inventory

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# Problem Statement



An insufficient understanding of broadband assets and access to it due to the lack of a broadband asset inventory restricts our ability to explore trends and patterns in broadband access.



## Current State

An insufficient understanding of broadband assets and access to it



Microsoft

Maps showing FCC fixed broadband availability and broadband usage based on Microsoft data updated as of October 2020

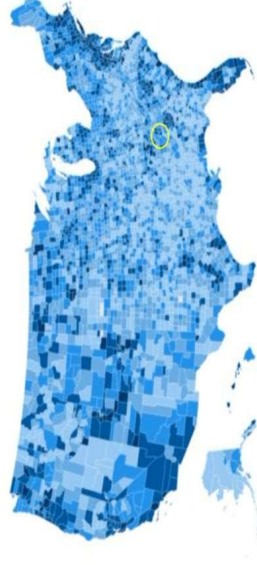
FCC indicates broadband is not available to ~14.5M people



FCC broadband availability\*

\* FCC Broadband has or "could" provide greater than or equal to 25 Mbps

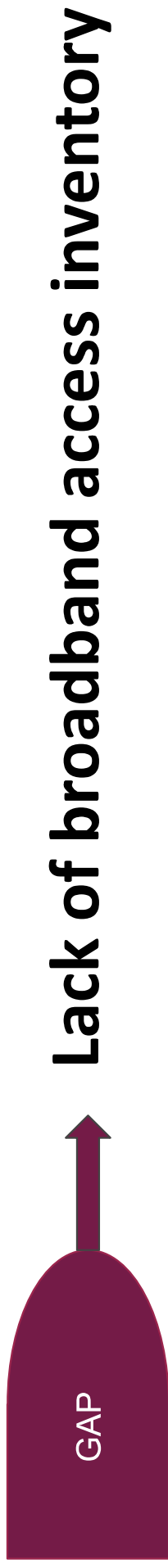
Microsoft data indicates ~120.4M people do not use the internet at broadband speeds



Broadband usage\*\*

\*\* Broadband speeds greater than or equal to 25 Mbps

Sources: FCC Fourteenth Broadband report based on form 477 data from December 2019 and Microsoft data from October 2020  
To assist with additional broadband mapping analysis data has been made downloadable [here](#). Learn more in this [GitHub repository](#).



Physical Infrastructure: basic physical structures needed

- + Vertical assets (water tanks, radio towers)
- + Existing networks
- + Utility poles

Literacy and Access: educating about and acquiring broadband

- + Education programs (digital literacy)
- + Public wi-fi points
- + Pricing and products

Potential Partners:

- + Internet Service Providers
- + Telecommunications Providers
- + Governments

## Future State

Projected sales of main products in 2013



Exclusion of major firms results in a significant change in the market share distribution. The market share is calculated by a firm's revenue divided by the total revenue of all firms in the market.

Share of market activity



Changes in the activity of the active and passive market is uncertain. Established positive trends in various market segments.

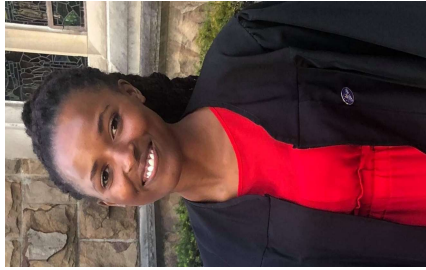
Projected sales of main products in 2013



Positive market share

- Ability to explore trends and patterns in broadband access.
- Open Source
- Need of broadband assets

# Thank You!



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