



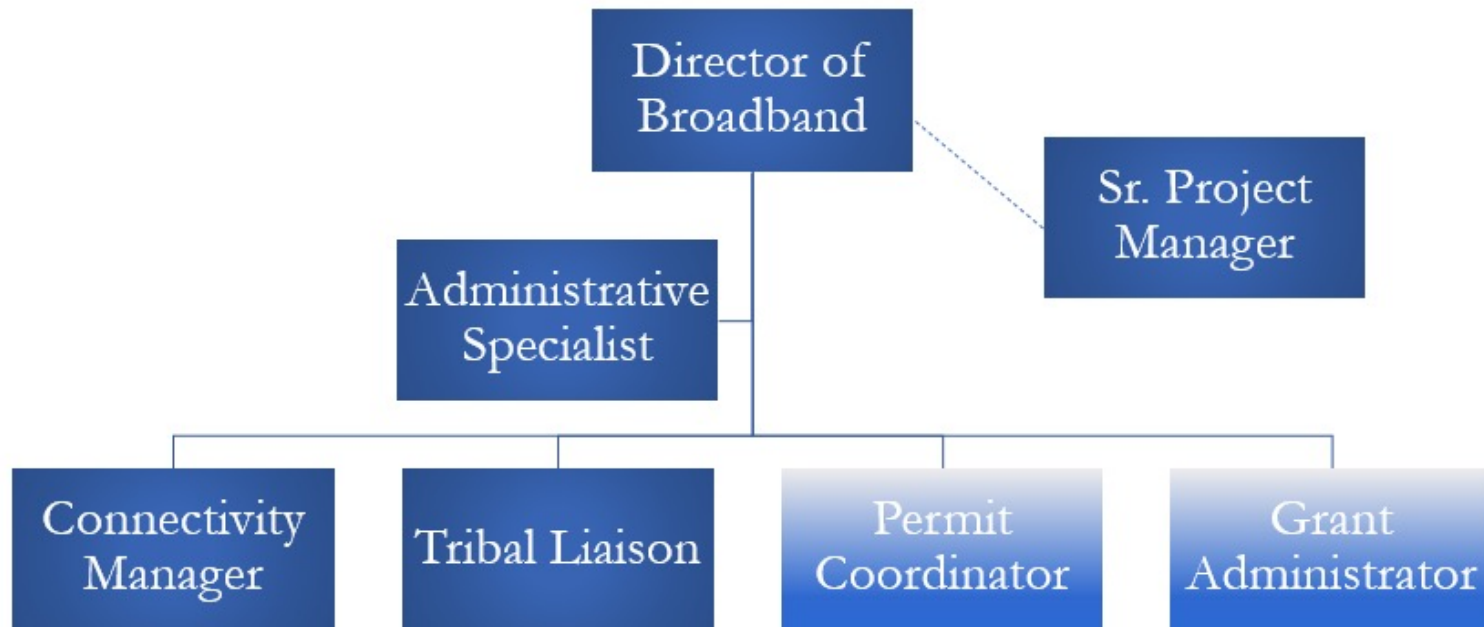
THE STATE
of **ALASKA**
GOVERNOR MIKE DUNLEAVY

DEPARTMENT OF COMMERCE, COMMUNITY AND
ECONOMIC DEVELOPMENT

**ALASKA BROADBAND OFFICE
FEDERAL PROGRAM UPDATE
NOVEMBER 14, 2022**



Broadband Office – Organization Chart





Federal Program Update

Broadband Equity, Access and Deployment Program (BEAD)

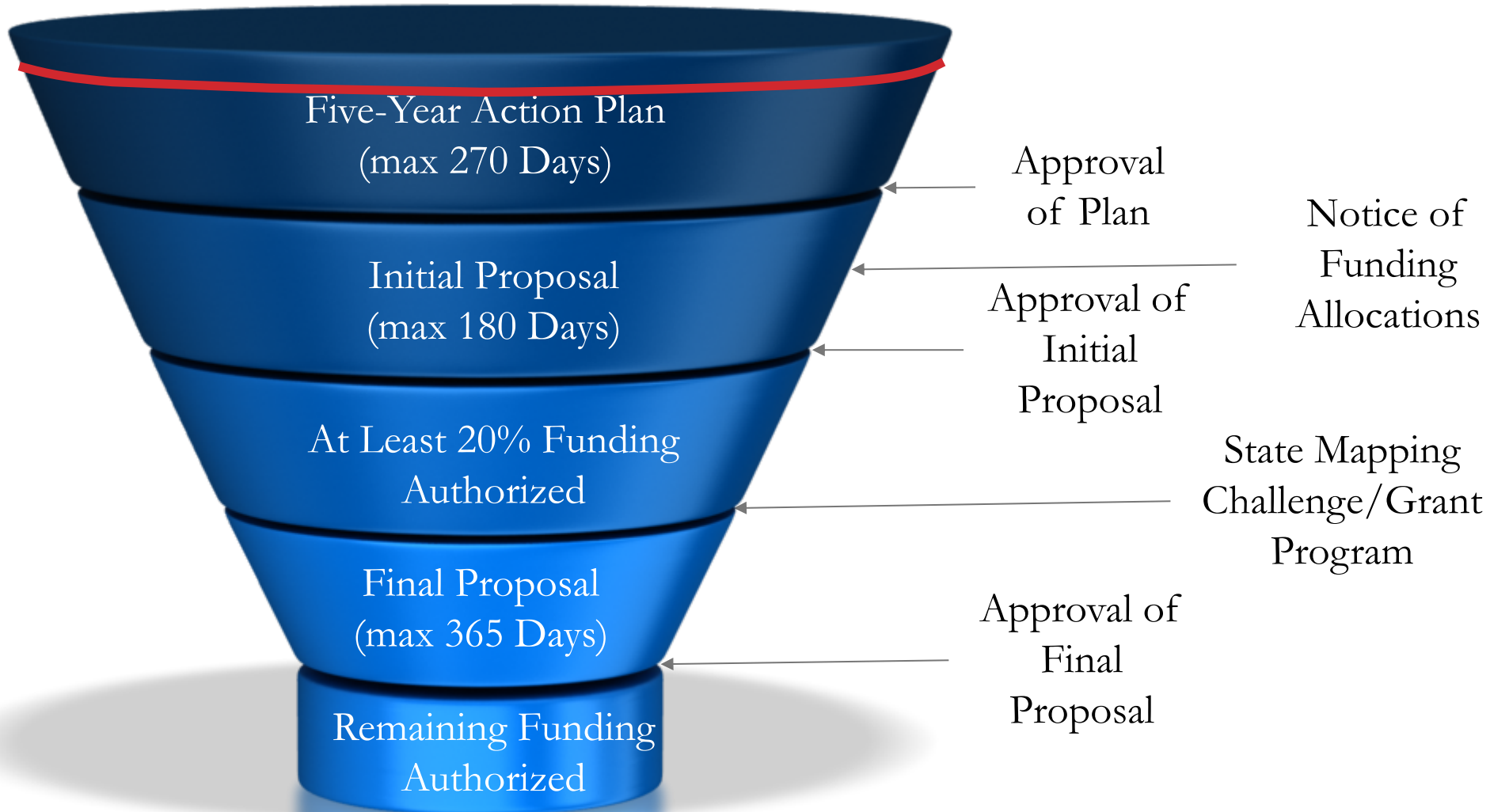
- **Allocates \$42 Billion for all States and Territories**
 - \$100 Million Minimum Allocation for each State and Territory
 - Second Tranche is funding is allocated based on Unserved in “High Cost” area as a percentage of total “High Cost” areas in the United States, and
 - The remainder is allocated using Unserved Alaska over Unserved total US
- **Disbursement of Alaska’s Allocation of the \$42 Billion**
 - Alaska’s allocation will be disbursed, through grants, based on percentage of locations that are
 - 1. Unserved (less than 25Mbps/3Mbps)
 - 2. Underserved (less than 100Mbps/20Mbps) and
 - 3. Unserved Community Anchor Institutions (less than 1Gbps/1Gbps)



BEAD Milestones

State of Alaska Activities

NTIA Activities





Definition of Served/Underserved/Unserved

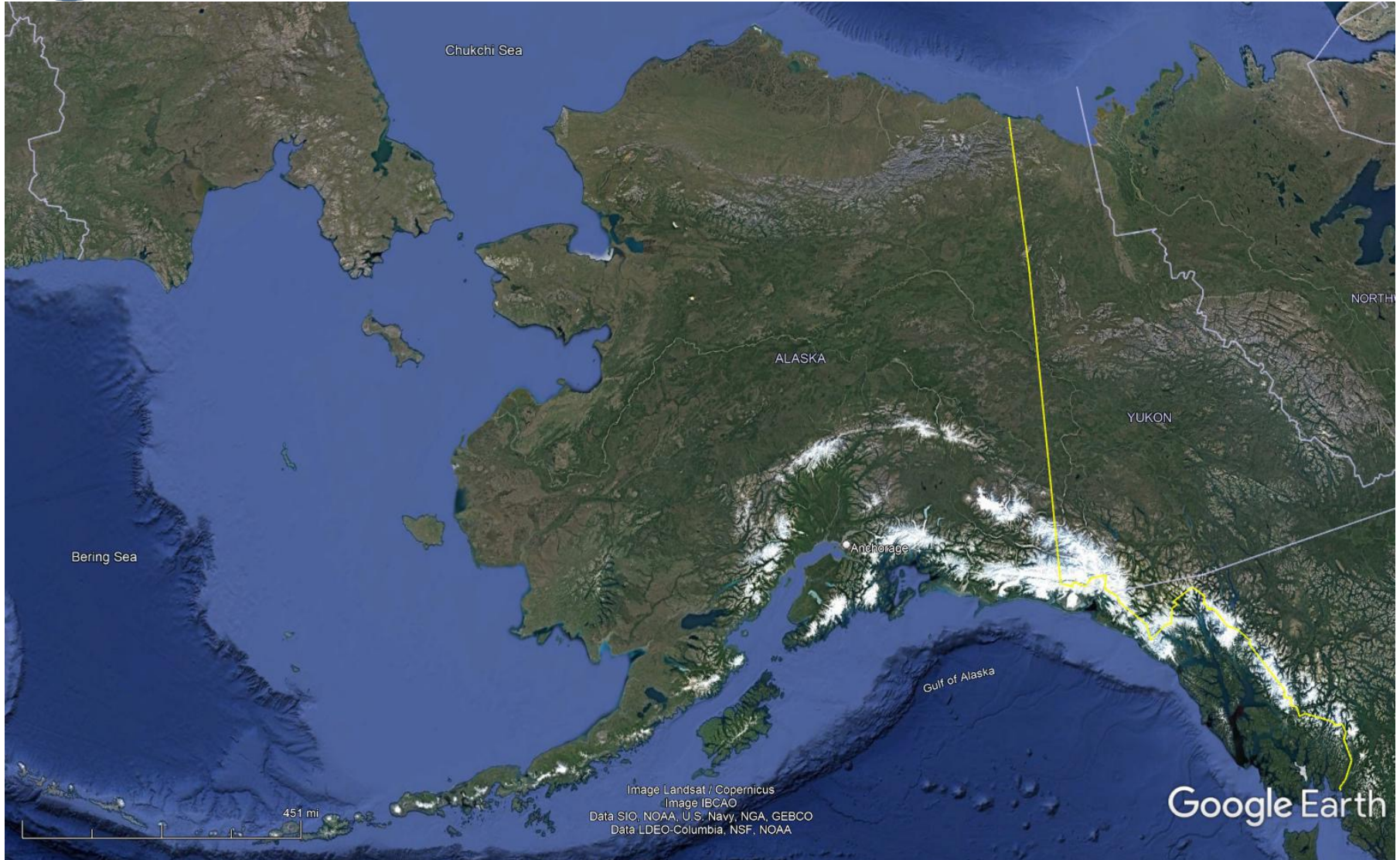
Broadband Equity, Access and Deployment Program

- **Unserved:**
 - Cannot achieve 25 Mbps Download Bandwidth (Watching a video)
 - Cannot Achieve 3 Mbps Download Bandwidth (Posting)
- **Underserved:**
 - Minimum 25 Mbps Download Bandwidth of 25 Mbps, but cannot reach 100Mbps
 - Minimum 3 Mbps Upload Bandwidth, but cannot reach 20 Mbps
- **Served:**
 - Minimum 100 Mbps Download Bandwidth
 - Minimum 20 Mbps Upload Bandwidth

What does Alaska look like?



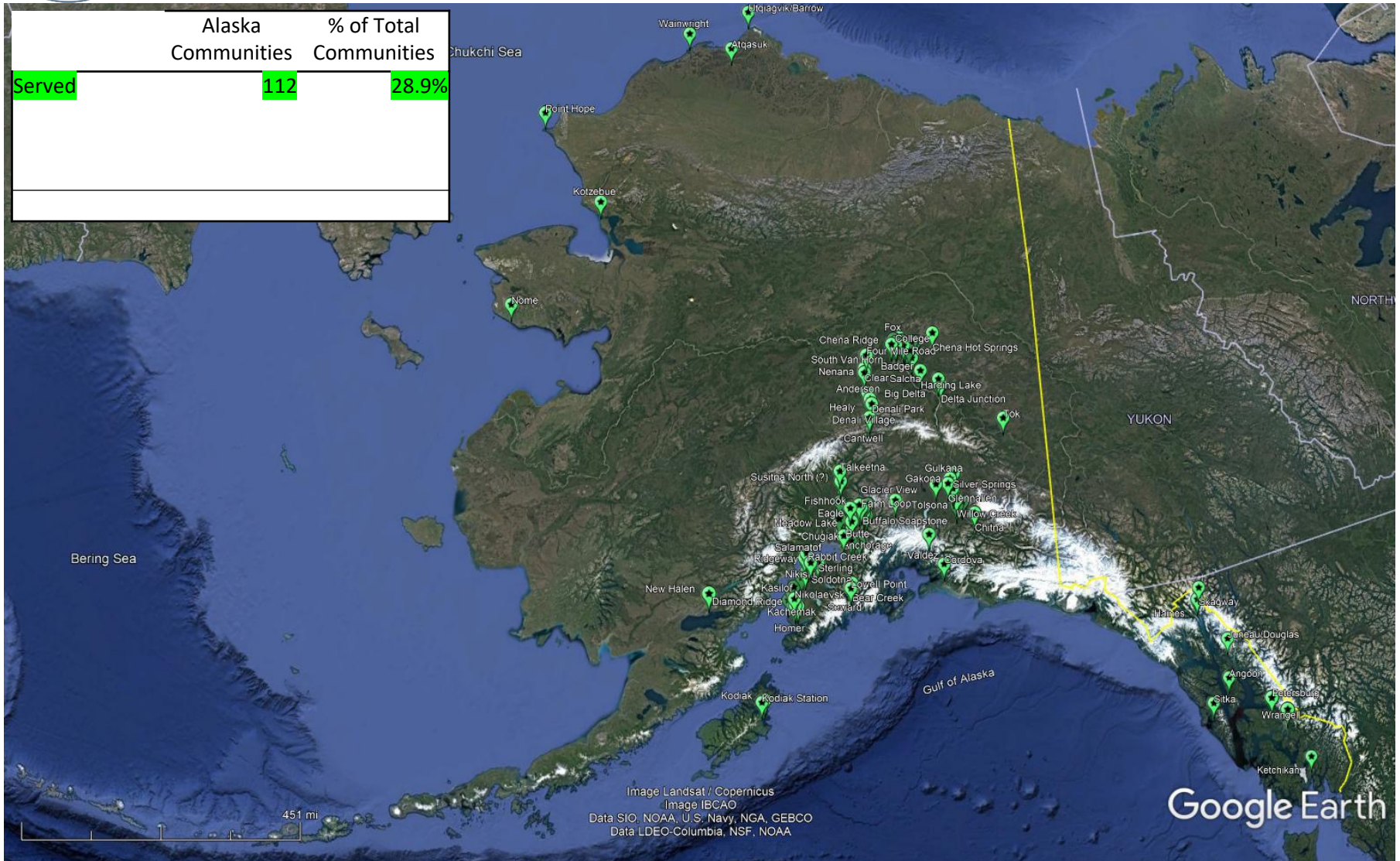
Understanding Alaska's Broadband Needs





Evaluation of Served/Underserved/Unserved

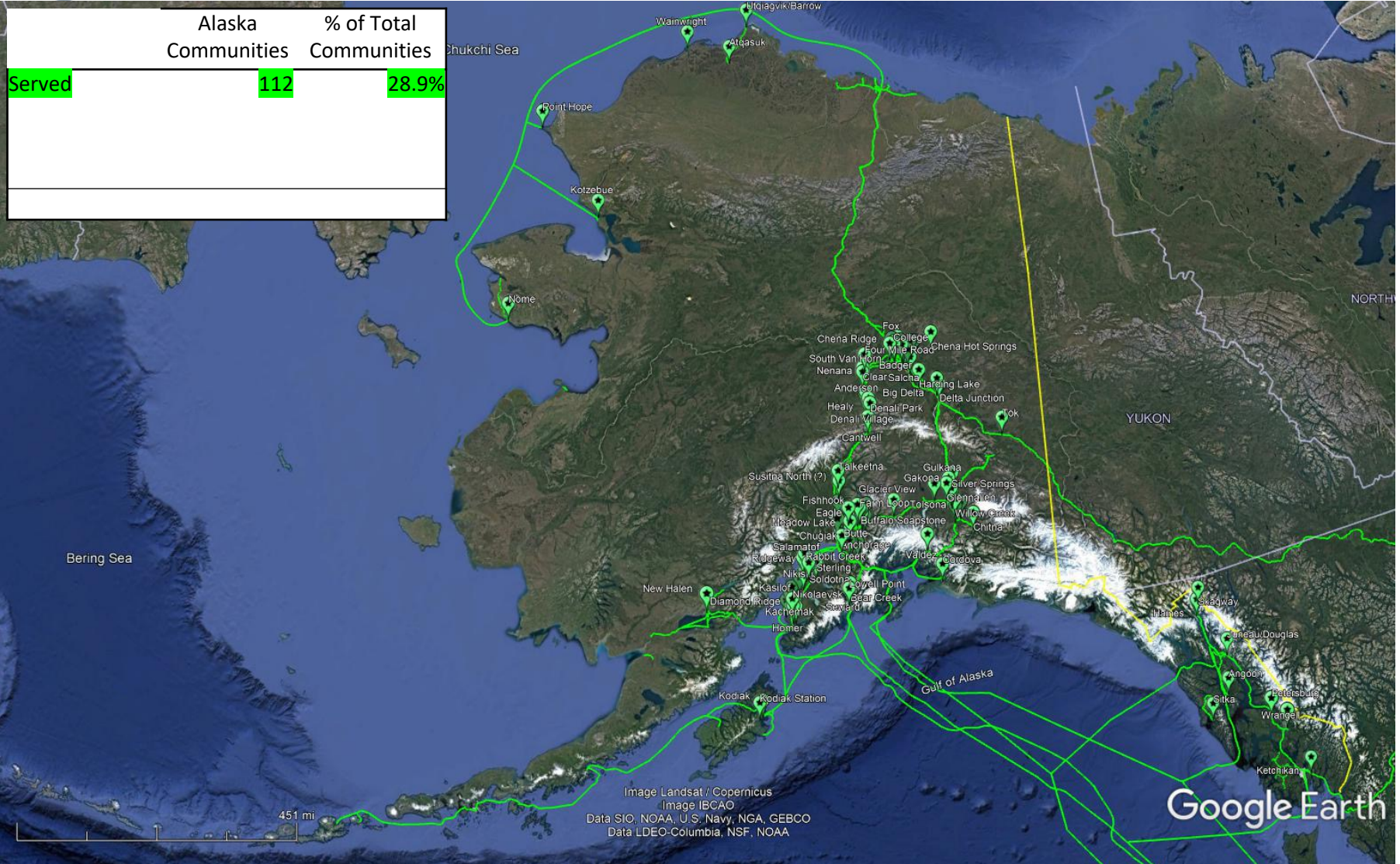
	Alaska Communities	% of Total Communities
Served	112	28.9%
Underserved		
Unserved		





Evaluation of Served/Underserved/Unserved

	Alaska Communities	% of Total Communities
Served	112	28.9%





Evaluation of Served/Underserved/Unserved

	Alaska Communities	% of Total Communities
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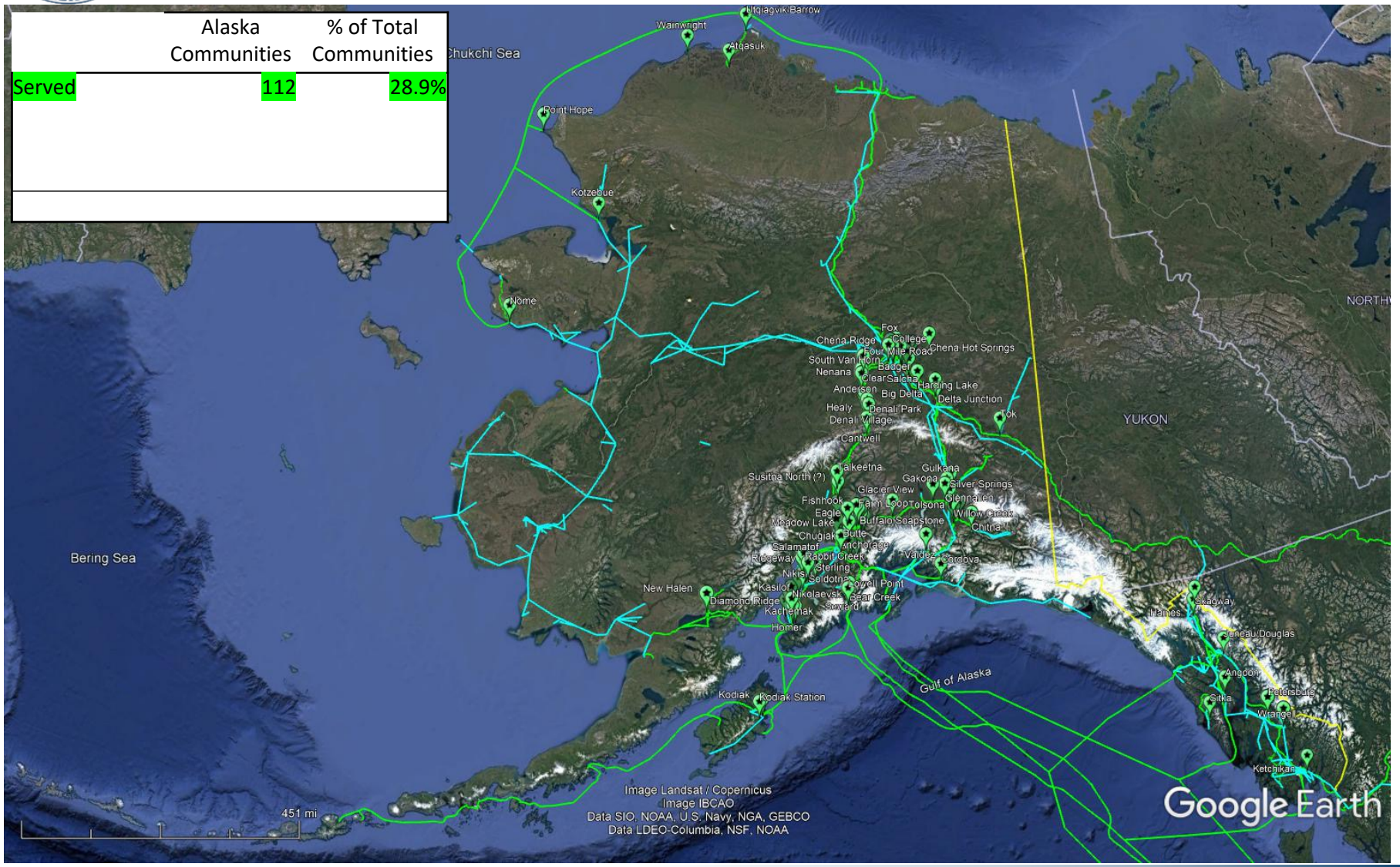
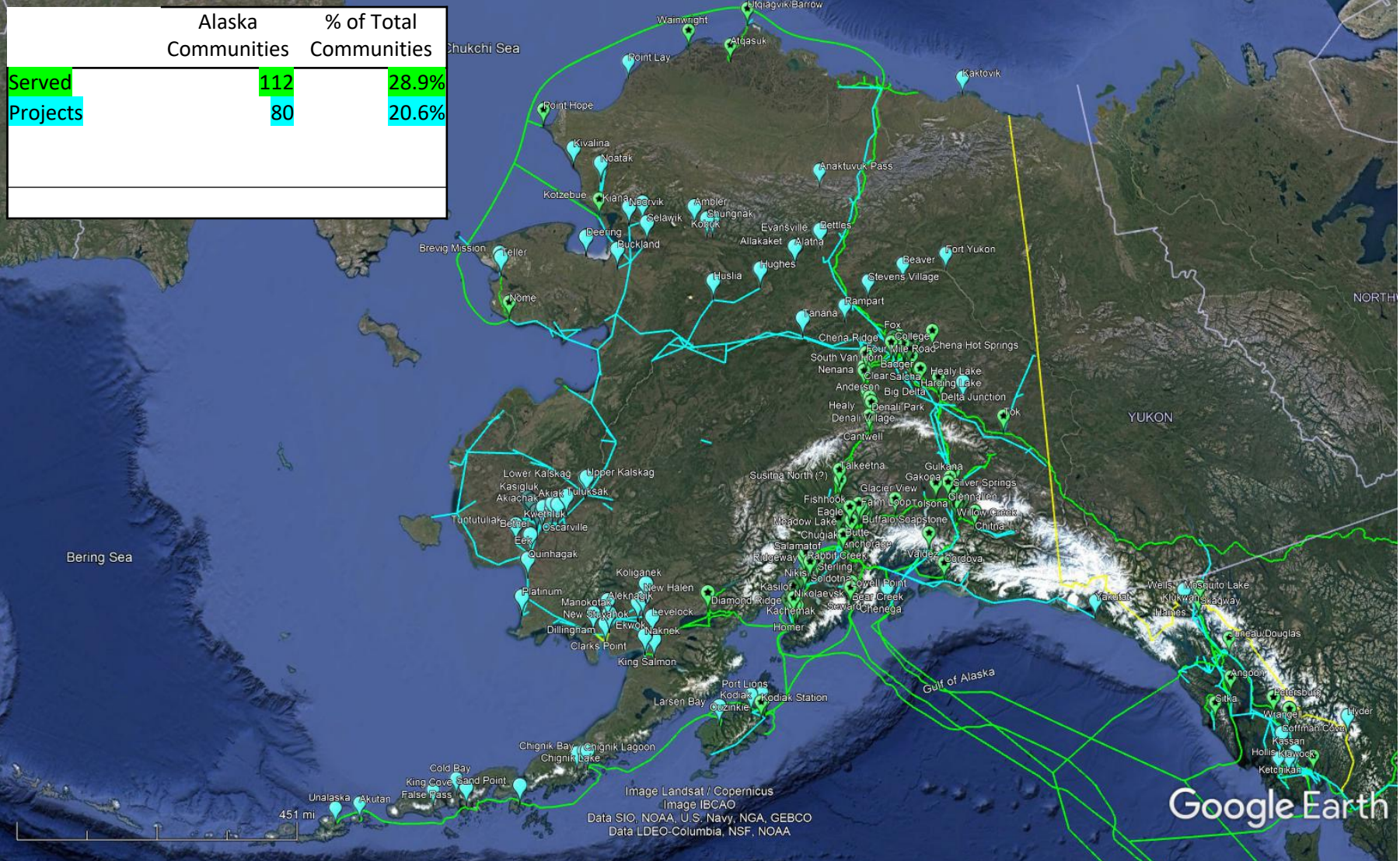


Image Landsat / Copernicus
 Image IBCAO
 Data SIO, NOAA, U.S. Navy, NGA, GEBCO
 Data LDEO-Columbia, NSF, NOAA

Google Earth



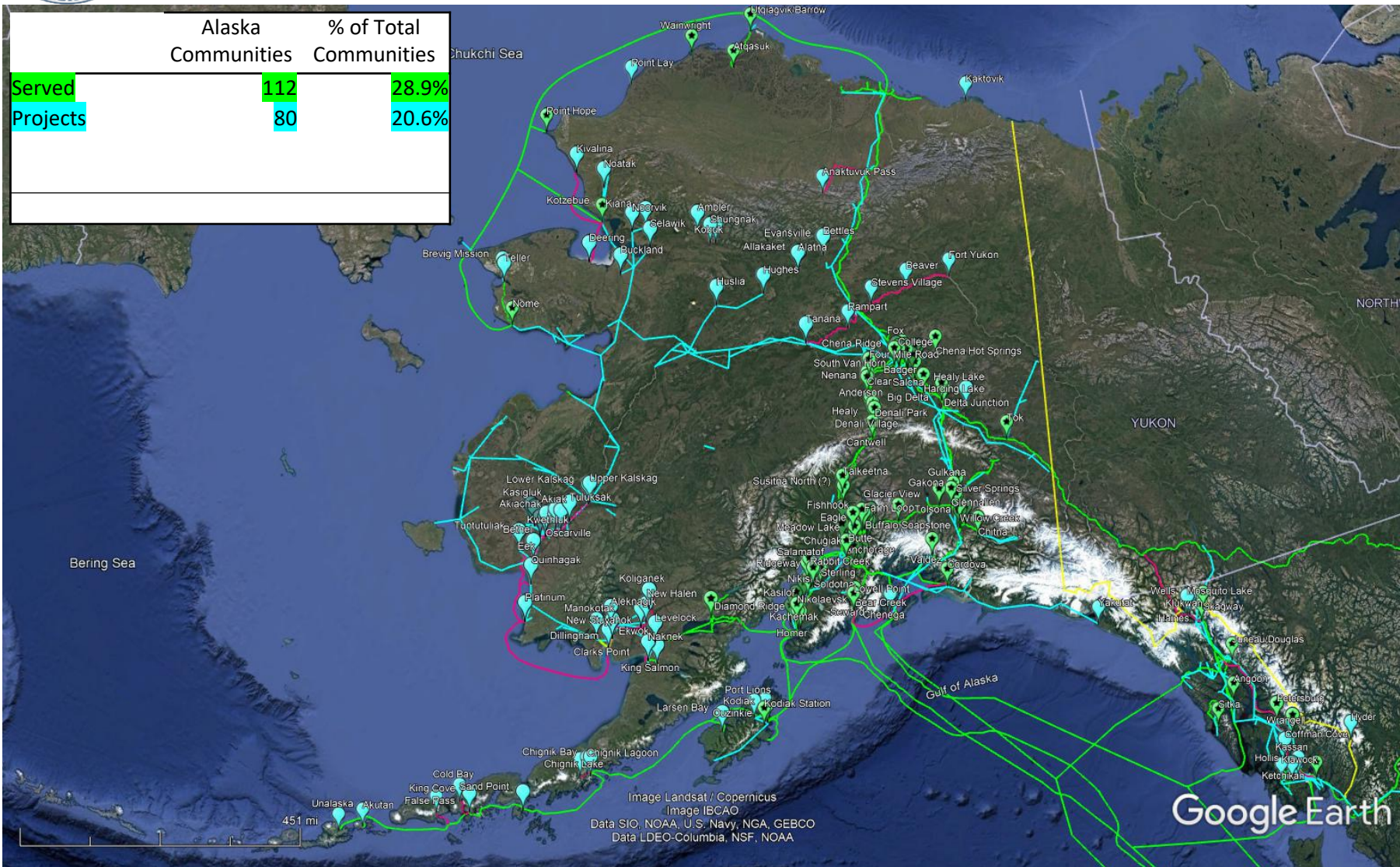
Evaluation of Served/Underserved/Unserved





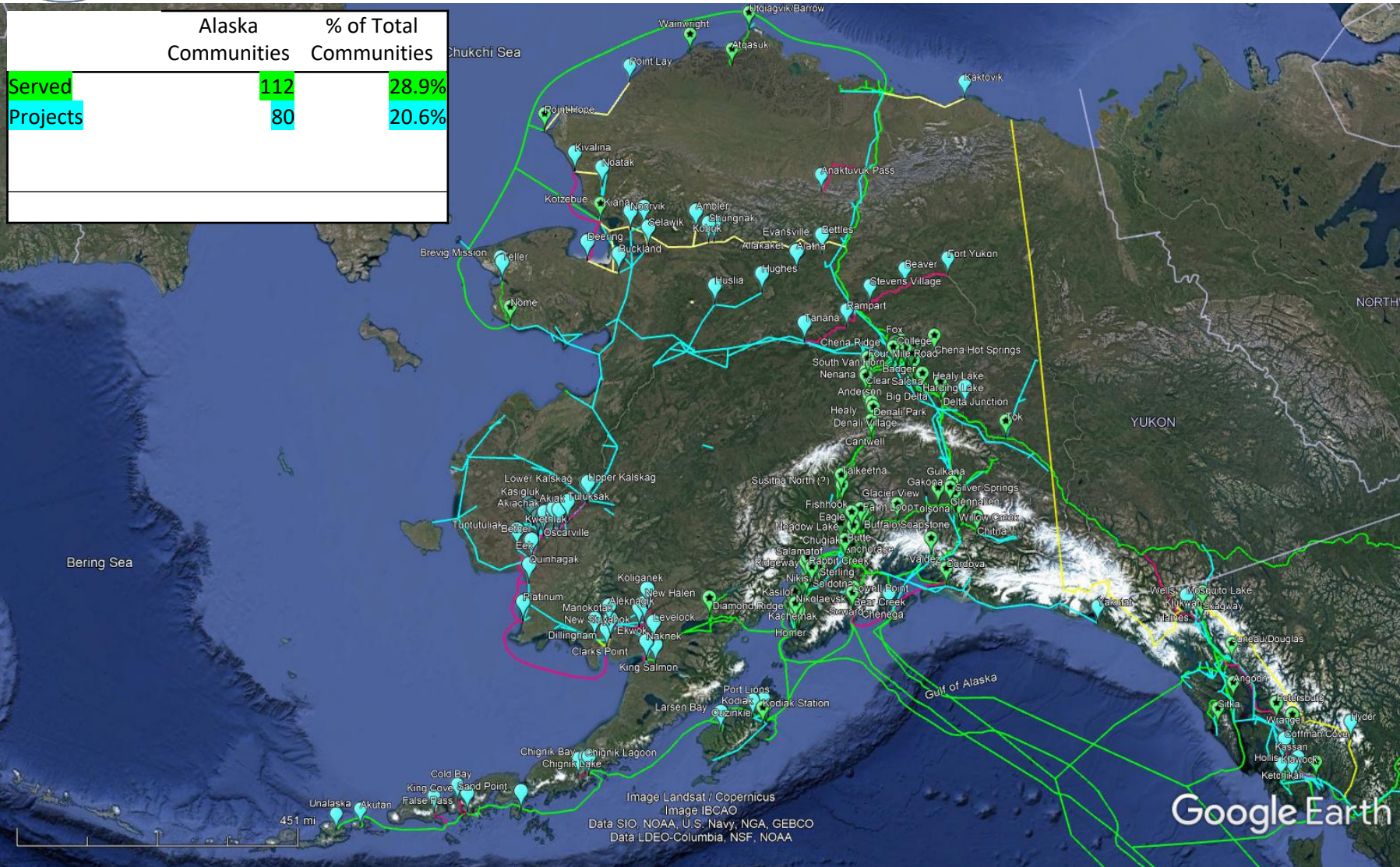
Evaluation of Served/Underserved/Unserved

	Alaska Communities	% of Total Communities
Served Projects	112	28.9%
	80	20.6%





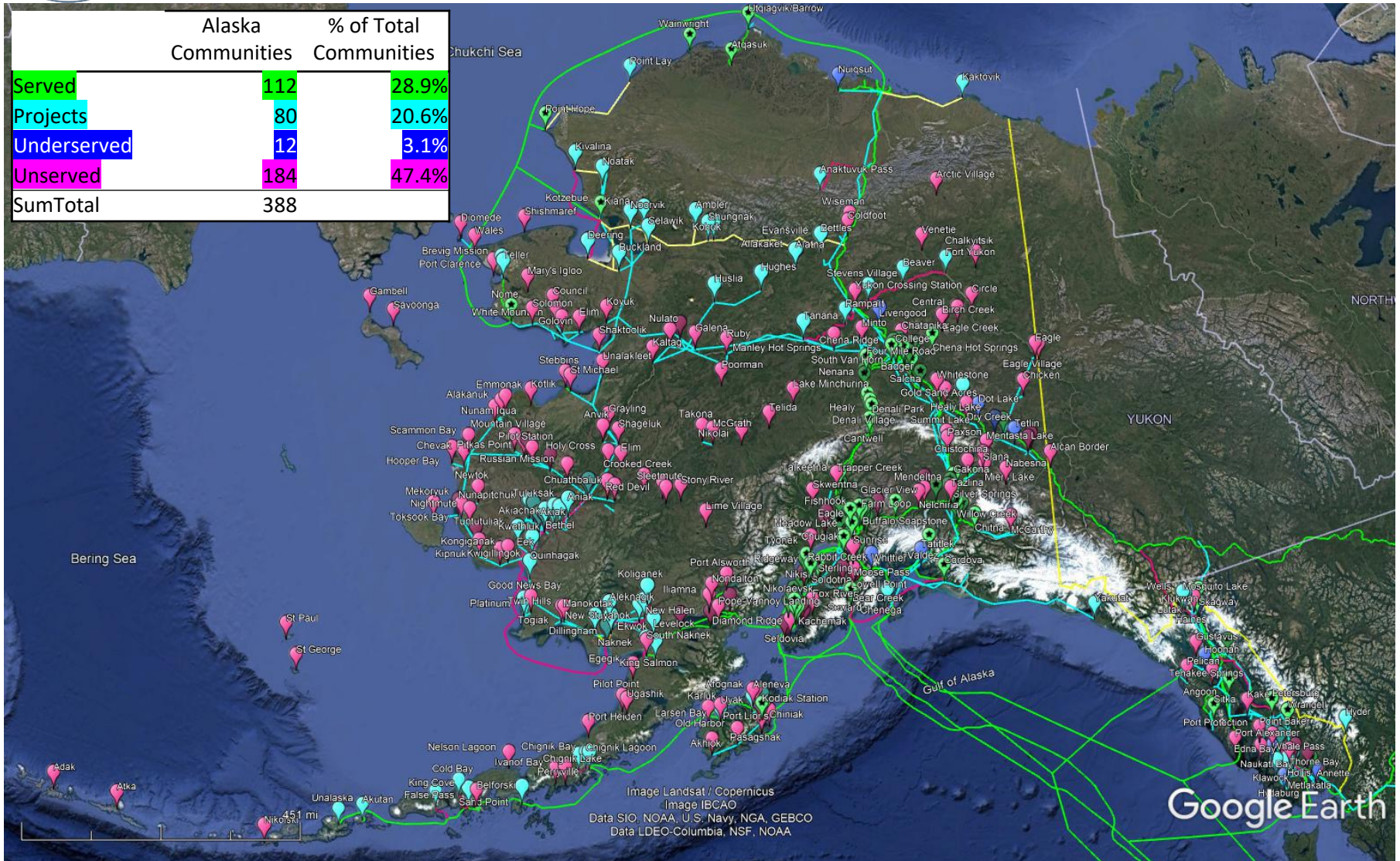
Evaluation of Served/Underserved/Unserved





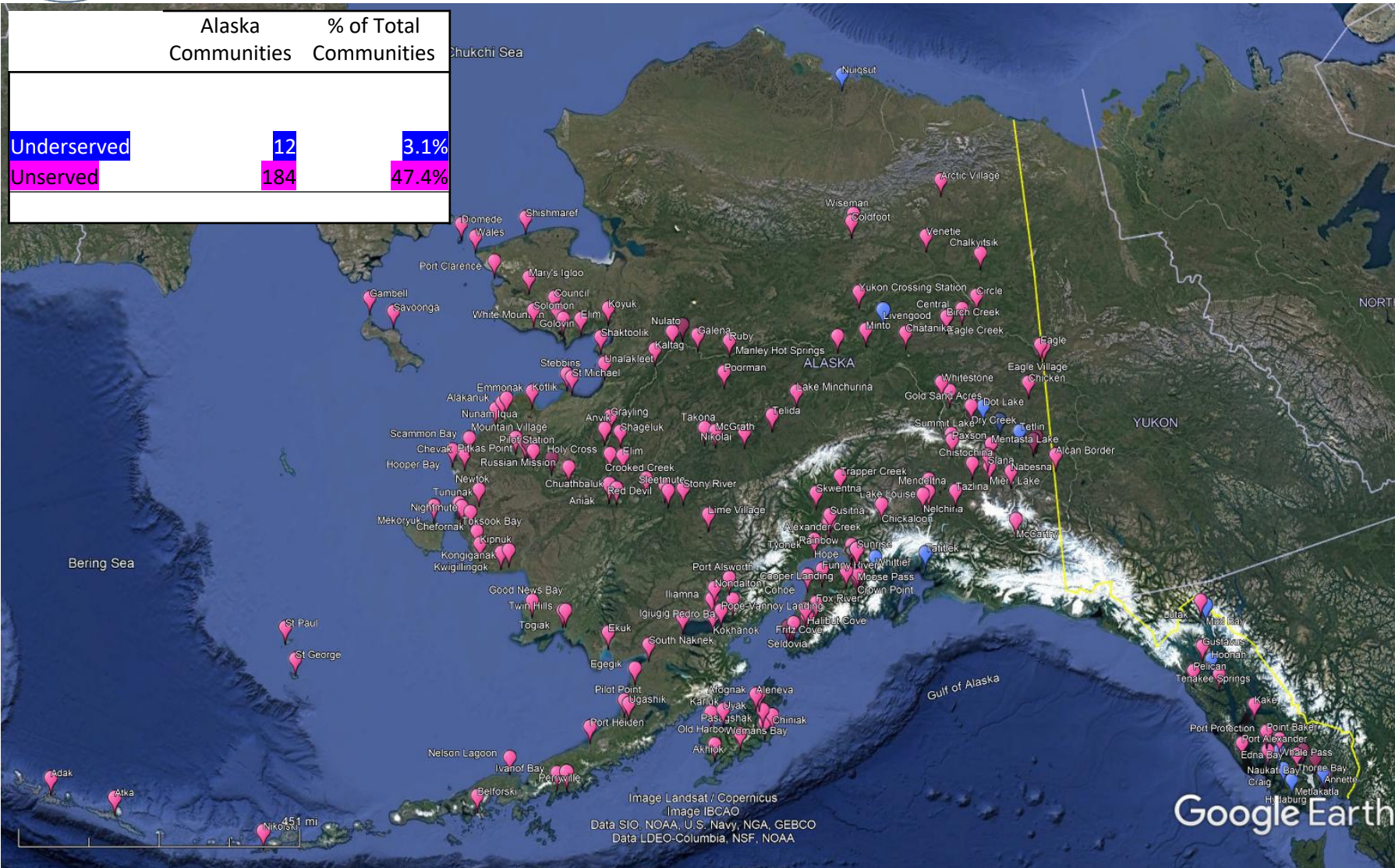
Evaluation of Served/Underserved/Unserved

	Alaska Communities	% of Total Communities
Served	112	28.9%
Projects	80	20.6%
Underserved	12	3.1%
Unserved	184	47.4%
SumTotal	388	





Evaluation of Served/Underserved/Unserved





Alaska Broadband Office - Next Steps

Work with Tribes, Villages, Communities, Industry, Regional Corporations, AFN, AML and others to develop and submit a Five-Year Action Plan.

Five Year Action Plan -- Components



Outreach:

Digital Equity Inclusion and External Engagement Process
Alignment with Other Statewide Social/Economic/Infrastructure Plans



Network:

Broadband Service Needs
Asset Inventory
Deployment Barriers & Obstacle Identification
Comprehensive High-Speed Internet Plan



Logistical:

Outline of Broadband Office, Employees, Consultants & Contractors, Program Work, and Anticipated Technical Assistance & Capacity Needs
Broadband Funding Identification (Federal, State, Local and Tribal Providers) and Broadband Affordability Data



Federal Program Update

Broadband Equity, Access and Deployment Program (BEAD) Next Steps:

- **Five Year Action Plan:**
 - **Near Term Activities:**
 - Website completion
 - Fabric Mapping
 - Setup weekly outreach meetings
 - 1. Use and Adoption
 - 2. Technical Design
 - **Longer Term Activities:**
 - Facilitate and Work with Tribes, Villages, Communities, Industry, Regional Corporations, AFN, AML and others to develop
 - 1. Digital Equity plan
 - 2. Workforce Development plan
 - 3. Network Design/Permit Streamlining
 - 4. Integration of Network Design with other infrastructure initiatives



Thank You

The Alaska Broadband Office

Thomas Lochner
Director

thomas.lochner@alaska.gov

(907) 269 - 4048

Lisa Von Bargen
Sr. Project Manager

lisa.vonbargen@alaska.gov

(907) 660 - 7877

Melissa Kookesh
Tribal Liaison

melissa.kookesh@alaska.gov

(907) 465 - 6466

Thank you