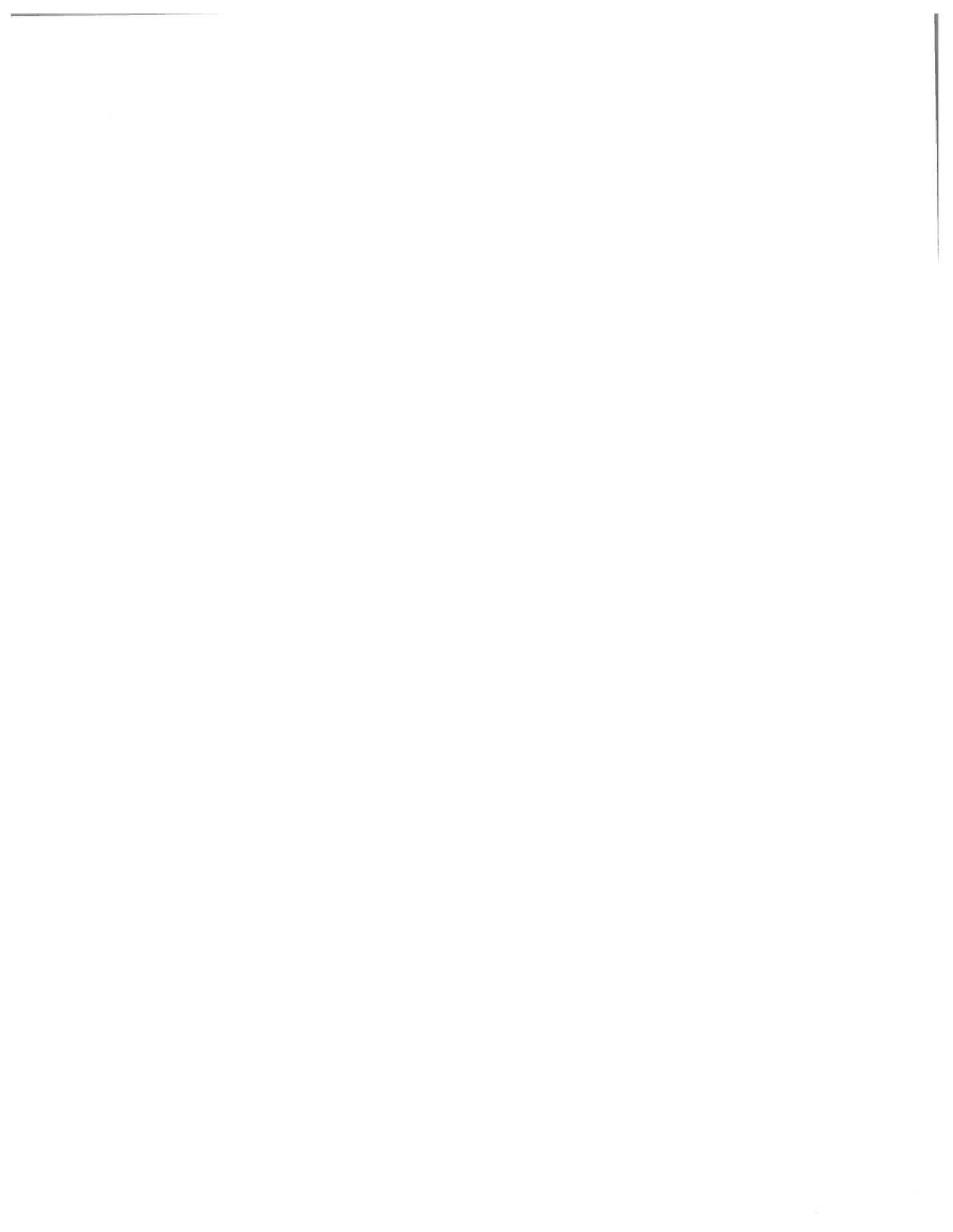


**NOTICE OF MEETING
WORKSESSION AGENDA**

- 1. Call To Order, 4:00pm**
- 2. Discussion on Marketing Homer to High Tech Entrepreneurs**
 - a. Define who High Tech Entrepreneurs are. What type of individual/group is Homer looking for?
 - b. Asset Valuation. What assets does Homer have that high tech entrepreneurs (as previously defined) need? Like?
 - c. What changes can Homer make to develop assets that attract high tech entrepreneurs? Are these changes that are available and realistic?
 - d. Exactly who is the high tech entrepreneurs we want to attract/cultivate? What individual/group best fits the assets and attractions of Homer?
 - e. What are some ways to reach out to that group?
- 3. Public Comments**
- 4. Commission Comments**
- 5. Adjournment**



the basic economy if 1) people from outside the community are buying the products; or 2) locals are buying goods that are produced locally rather than purchasing similar items from sources outside the community (import substitution).

“Big box” retail business is a topic that has been a source of controversy in Homer since 2002, when the Kroger Company first broached the idea of building a 98,000 square foot Fred Meyer store in the Central Business District. Following a moratorium on construction of any store larger than 20,000 square feet, the footprint size cap was first set at 45,000 sf, then 66,000 sf, and is now at 75,000 sf in Homer’s commercial districts. (By way of comparison, the existing Safeway, including liquor store, is 30,250 sf.) As Homer and the surrounding area continue to grow, the need for a larger Fred Meyer or Wal-Mart type store is likely to become more apparent.

3. Services

Homer’s service economy is strong and diverse. In addition to some of the service businesses mentioned elsewhere in this plan (e.g., health services), local businesses meet the needs of Homer residents and visitors in areas ranging from financial services to haircutting to legal assistance.

General recommendations for maximizing the benefits of these sectors (1, 2 and 3 above) include:

- A. Encourage enterprises that will provide jobs and other economic benefits without serious negative side effects; e.g., environmental pollution.
- B. Encourage value-added manufacturing to maximize local resources and provide products for export.
- C. Convey a “How can we help you?” attitude to assist prospective business owners and those seeking to expand existing businesses.
 1. Utilize zoning to ensure adequate land for different needs and publicize available land zoned for different purposes.
 2. Improve the permitting process to clearly communicate requirements and reduce time and frustration for applicants.
 3. Publicize resources provided by other organizations that can assist local business owners; e.g., the Small Business Development Center at the Homer Chamber of Commerce.
- D. Assist with efforts to publicize the availability of locally manufactured goods; promote local procurement of goods and services.

High tech/Internet Businesses

Many businesses in this sector; for example, Information Technology (IT) support services and website design; can also be classified in the Services sector. Other examples of high tech businesses include modern filmmaking/editing, computer-assisted graphic design/printing, software development, and Geographic Information System (GIS) services used for surveying and mapping. *See also discussion regarding Arts and the Creative Class.*

While most if not all businesses in the 21st century utilize computers, Internet-based businesses comprise a special category, wherein the business owner markets and sells a product or service almost solely via the Internet. Because there is no visible retail outlet or office, these businesses may go largely unnoticed by the community at large, yet bring significant money into the community.

The availability of Internet/email service has also made it possible for some individuals to function as "lone eagles," or as the Homer Comprehensive Plan puts it, "footloose entrepreneurs." These are the individuals who could live almost anywhere and conduct business via Internet/email. In other words, their choice of where to live is based to a major extent on quality of life factors such as natural beauty, arts and culture, and recreational opportunities rather than factors such as availability of land, labor, or local markets.

What Can Homer Do To Attract "Lone Eagle" Entrepreneurs?

Comments submitted by two area residents via email during development of the Comprehensive Economic Development Strategy. Comments have been edited for space.

My husband and I are what you would call "knowledge entrepreneurs." We are a good example of the kind of niche markets that are developing because of the Internet. We have customers from around the globe including Australia, Ireland, Italy, Singapore, Canada, and the U.S.

[In response to the question: Do you feel like Homer is currently providing the infrastructure your business needs?] For the most part, yes. We have printers, office supply, Internet, airport, computer folks and supplies etc. DSL needs to be improved in the outlying areas.

[In response to the question: What could we do to attract more lone eagles?] Keep the town attractive. Where you find the most migration to smaller towns is in those towns that have some sort of appeal. This cannot be overstated. If you travel around Oregon and Washington, or elsewhere, the small towns that are thriving are those that have appealed to people who can choose to live where they want and bring with them either retirement income or a small or home-based business. These towns survived the loss of the resource-focused boom/bust economies and reinvented themselves with what they had left. What these towns have to offer is predominantly natural beauty and access to outdoor activities or a quaint setting (like the coastal towns of Oregon and Washington). Homer has numerous benefits over some of these other small towns. Those assets should be advertised.

Your suggestion to promote "lone eagles" to live in Homer has merit. It capitalizes on Homer's main strength—quality of life. I was a "lone eagle" prior to my retirement. One type of "lone eagle" is the telecommuter. The list of occupations that this would include is almost endless. The following are areas to promote or improve to facilitate getting "lone eagles" to live in Homer:

- 1) For telecommuters it is necessary to have easy access to the fastest Internet and telecommunications networks available. Currently, Homer has no 3G nor do we have the fastest Internet connections.
- 2) For the old-fashioned commuter, easy, reliable, and affordable access to Anchorage is essential.
- 3) The "lone eagle" promotion should be carried out in state with North Slope workers, fishermen, offshore oil field workers, and miners from Red Dog and the potential Pebble project.
- 4) Homer must avoid putting up a negative image by putting up barriers to people and ideas.

Recommendations for growing the high tech/Internet sectors of the Homer economy include:

- A. Support technical upgrades that benefit individuals and businesses who utilize these services extensively; e.g., high speed broadband Internet, improved cell phone service, and wireless connectivity.
- B. Market Homer's quality of life factors and suitability for high-tech/Internet based operations. Use marketing to counter the image of Homer and Alaska in general as too remote for modern business ventures to succeed.
- C. Support training opportunities for skill development in computer-related fields, including Internet-based commerce.

Transportation and Warehousing

The Kenai Peninsula Borough includes the following types of businesses under the heading of Transportation and Warehousing: air transportation, water transportation, truck transportation, transit and ground transportation, pipeline, scenic and sightseeing, support activities, postal service, couriers and messengers, and warehousing and storage. (Guiding by land and guiding by water are classified under Tourism.) In 2008, there were 126 businesses licensed in this sector in Homer, with gross sales of \$19.4 million.²²

Homer benefits economically by having an airport, a float plane lake, a harbor that supports numerous water taxi businesses, and port facilities that include preferential berthing for Alaska Marine Highway vessels. (The Marine Highway can also be classified within the Government sector.) In 2010, Seldovia Village Tribe began offering passenger/light freight ferry service three times a day between Homer and Seldovia, aboard the *Kachemak Voyager*, expanding the options available for getting across the bay.



Maritime Helicopters, based in Homer, has been in business since 1973 supporting marine, petroleum, and construction industries as well as government agencies. In addition to a fleet of helicopters, the company operates the 86-foot vessel *Maritime Maid*, equipped for helicopter operations at sea.

(Photo and information from maritimehelicopters.com)

²²Kenai Peninsula Borough, *Situations and Prospects for Year Ending December 31, 2008*, p. 224.

Memorandum

DATE: 2/7/2012

TO: Economic Development Advisory Commission

FROM: Nick Poolos, IT - Manager

SUBJECT: What would it take for The City of Homer to connect to the marine fiber optic network that lands in town?

Katie Koester brought to my attention; the Commission's request to investigate options for the city to gain direct access to the Kodiak Kenai Fiber Link (KKFL) with the hopes of improving Internet access and decreasing costs to Homer businesses and individual residents. This memo is intended to provide the commissioners with background and some possible courses of action, including some other possibilities that warrant consideration. Hopefully you will find this information helpful.

Background

The KKFL fiber is owned and operated by the Kodiak Kenai Cable Company (KKCC) as a "carrier's carrier" with a long-haul data transport on 2 pairs of fiber in a redundant ring. The fiber ring first entered service in 2007 with a data rate of 2.5 Gigabits per second (Gbps). The KKFL ring has landings in Anchorage and on the peninsula in Homer, Kenai, and Seward. KKCC published expected demand in 2007 to be 14% of the 2.5Gbps capacity. Even with unexpected exponential growth, there should be at least 1 Gbps of backhaul bandwidth available on the KKFL. KKCC can expand the capacity of the KKFL up to 640Gbps with commercially available electronics upgrades on the shore based terminals. No upgrades to the marine fiber plant would be needed. The KKFL marine fiber and terminal facilities were designed for at least 25 years of operation. The actual service lifespan may be much longer.

Before addressing the local services available, allow me to set up some definitions and expectations for Internet service and speed. In 2010, the FCC set 4 Mbps download and 1 Mbps upload as the threshold for classifying an internet connection as broadband. These data rates would allow the connection to be used for:

- Streaming a single full quality high definition video stream (720p) from a service such as Netflix, Amazon or Hulu
- A single high definition bi-directional video conference (720p)
- A single 3 party standard definition (CIF) video conference or 2 bi-directional video conferences
- 20-40 simultaneous telephone conversations (VoIP)
- 5 - 10 high quality web browser sessions

As of 12/31/2010 the FCC National Broadband Database (NBD) listed the following for the Alaska 35th State Legislative District:

- 29th in the state in terms of average bandwidth available to a household
- 72.0% of households had access to a broadband connection of at least 3 Mbps download 768 Kbps upload the top speed class as tracked
- 68.2% of households had access to 1 wireline broadband provider (ACS)
- 26.0% of households were served by 2 wireline providers (ACS and GCI)

Note that the data above has a top classification of connection speed at 3 Mbps download 768 Kbps upload or greater. As of 2/6/2012, ACS is advertising 3 Mbps download and 512 Kbps upload as the top DSL speed tier.

This calls into question the validity of the 72% of households with broadband access as found in NBD. As of 2/6/2012 GCI has recently upgraded their backhaul capacity this allowed them to start offering advertised speeds up to 22 Mbps download and 2 Mbps upload to Homer residents and businesses. This service qualifies as broadband under the FCC definition. Therefore only the households serviced by GCI (26% as identified above) actually have access to broadband, as defined by the FCC.

For the business market, ACS has higher speed offerings than DSL lines. These meet the FCC's definition of broadband but are cost prohibitive for most small businesses and individuals.

Additionally, there are two Wireless Internet Service Providers (WISPs) serving the Homer area. They use specialized 802.11 wireless networking equipment in the 2.4 and 5 GHz unlicensed radio bands to both distribute their bandwidth and connect customers. These providers are not regulated by the FCC and thus do not appear in the above statistics. Also these WISP providers must obtain their Internet connections and bandwidth wholesale from ACS or GCI.

Response to the Commission's question

The KKFL is a carrier's carrier so Homer would need to set up some form of a "utility" to connect to the KKFL. The KKFL has plenty of latent capacity to serve as a backhaul to Anchorage for Homer internet traffic. This utility would then need to build out a network that would connect to the KKFL terminal station near Bishop's beach, aggregate traffic from different geographic areas of town, and provide the "last mile" connection to Homer businesses and residences. The exact nature of the utility structure would depend on the network model chosen and KKCC's own policies and contract terms.

Homer has incumbent DSL and Cable networks capable of supporting data subscribers and thus municipal investment in these technologies and networks is really not appropriate. Municipal wireless networks based on the 2.4GHz and 5.0GHz unlicensed radio spectrum have either completely failed or have been underutilized.

The logical distribution network should be of an alternate and next generation technology. The two options available for new network build outs are Fiber-to-the-Premises (FTTP) and 4G fixed wireless networks. Both of these options have merit and are not mutually exclusive. For example a FTTP network for the "core area" that has been modeled for the proposed natural gas service that is augmented with a 4G wireless to the rest of the city and even surrounding areas.

FTTP is the most interesting option as it is the best network model for the foreseeable future. FTTP can deliver telephone, subscription television, internet and other data

services all down the same physical connection to a home or business. This allows for higher average revenue per subscriber than internet service alone.

Looking at just the “core area” modeled for the gas distribution system, Homer has approximately 1400 households with a density of 390 households per mi². Using a FTTP economic analysis published by the FCC in April 2010, I calculated a rough cost estimate of \$1,050,000 to build a fiber plant which covers the “core area”. Extending the fiber plant to the city limits increases the potential subscriber base to 3000 households with a 185 households per square mile. The total cost for a citywide FTTP plant would be \$2,700,000 based on the FCC estimates. The FCC model is based on a 40% subscription rate. At that subscription level and assuming a negligible profit over 20 years, the utility would need to generate revenue of \$45-\$50 dollars per subscriber.

At this required revenue level, the city would not need to enter the retail market. It could provide wholesale connections and rely on private enterprises to serve the retail subscriber. This shared model is working well for the Utopia consortium in Utah.

Other Options

Attempt to spur some or all of the incumbents into making investments in their own networks and increasing services. The City of Homer has limited leverage with both ACS and GCI in this regard. ACS is regulated as the Incumbent Local Exchange Carrier (ILEC). GCI appears to have a statewide cable franchise and is a registered Competitive Local Exchange Carrier (CLEC).

Partner with HEA. Some electric utilities are looking to enter the data services market as a means to help recoup capital investment in a data network to support “smart metering”.

The KKFL also lands at Kenai and Seward. Forming a consortium such as Utopia in Utah and Jaguar in Minnesota would increase the subscriber pool making the network more attractive to private service providers. This would allow the cities to remain wholesale providers and rely on private enterprise to provide the end user support, hookups, service disconnects, billing, etc. Slight differences in subscriber density can be handled fairly with funding formulas at consortium formation.

Look at the costs of a 4G fixed wireless network. There is radio spectrum and commercially available equipment to build a WiMAX network at 3.65GHz. This would most likely be a data only network and would involve building more communications towers throughout town.

Risks

Commencing a project like this is a market disrupting action. It will cause incumbents to take action. Possible incumbent actions include court challenges and a refusal to invest in improvements to their own networks and services while the City plans, designs and builds the FFTH network



About Provider

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Alaska State Legislative Districts Lower House 035

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Methodology and Source · Export · API

General Communication, Inc.

Coverage Map

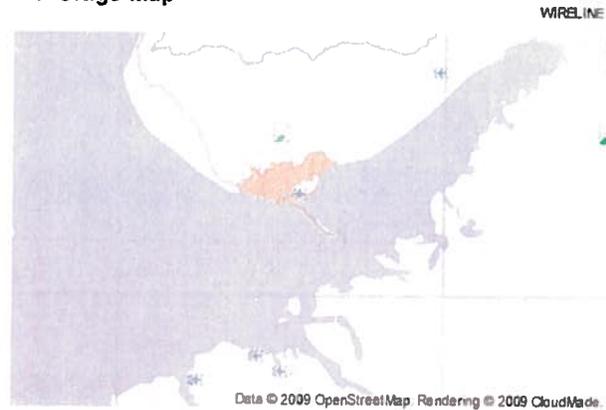
This provider offers Cable Modem - Other, Terrestrial Mobile Wireless - Licensed broadband technologies to an approximate population of 16,350 (out of a total population of 17,477).

States/Territories where this provider offers service: 1 (click to expand).

Availability Overview

Population	Most common advertised download speed	
16,350	1.5 - 3	93.6% of population served
Housing Units		
9,092		
Total area (sq miles)	Most common advertised upload speed	
1,073	768 - 1.5	93.6% of population served
Population Density (people per sq mile)		
3		

Coverage Map



Methodology & Source

Technology Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each type of broadband technology. The percentages on the right-hand column indicate the total percentage of the population with access to each technology within the geography.

Wireline	Percent Population	House District	Wireless	Percent Population	House District
Any Technology	93.6%	97%	Any Technology	93.6%	97%
Any Wireline	54.6%	85%	Any Wireless	93.6%	95%
DSL	0.0%	84%	Fixed Wireless	0.0%	52%
Asymmetric xDSL	0.0%	84%	Fixed Wireless (L)	0.0%	0%
Symmetric xDSL	0.0%	0%	Fixed Wireless (unL)	0.0%	52%
Other Copper Wireline	0.0%	0%	Mobile Wireless (L)	93.6%	95%
Cable Modem	54.6%	55%			
Cable - Other	54.6%	55%			
Cable - DOCSIS 3	0.0%	0%			
Fiber	0.0%	0%			
Electric Power Line	0.0%	0%			

Source - FCC

Source - FCC

Maximum Advertised Speed Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each maximum advertised download and upload speed tier. The percentages on the right-hand column indicate the total percentage of the population with access to these speeds within the geography.

Wireline Download	Percent Population	House District	Wireless Download	Percent Population	House District
Down >768k Up >200k	54.6%	85%	Down 768k Up 200k	93.6%	95%
Down >3M Up >768k	22.9%	49%	Down 3M Up 768k	0.0%	57%
Download > 768k	54.6%	85%	Download > 768k	93.6%	95%
Download > 1.5M	54.6%	60%	Download > 1.5M	93.6%	95%
Download > 3M	22.9%	49%	Download > 3M	0.0%	57%
Download > 6M	22.9%	47%	Download > 6M	0.0%	57%
Download > 10M	22.9%	46%	Download > 10M	0.0%	57%
Download > 25M	0.0%	0%	Download > 25M	0.0%	0%
Download > 50M	0.0%	0%	Download > 50M	0.0%	0%
Download > 100M	0.0%	0%	Download > 100M	0.0%	0%
Download > 1G	0.0%	0%	Download > 1G	0.0%	0%

Source - API Call

Source - API Call

Wireline Upload	Percent Population	House District	Wireless Upload	Percent Population	House District
Upload > 200k	54.6%	85%	Upload > 200k	93.6%	95%
Upload > 768k	22.9%	57%	Upload > 768k	93.6%	94%
Upload > 1.5M	0.0%	0%	Upload > 1.5M	0.0%	57%
Upload > 3M	0.0%	0%	Upload > 3M	0.0%	57%
Upload > 6M	0.0%	0%	Upload > 6M	0.0%	57%
Upload > 10M	0.0%	0%	Upload > 10M	0.0%	57%
Upload > 25M	0.0%	0%	Upload > 25M	0.0%	0%
Upload > 50M	0.0%	0%	Upload > 50M	0.0%	0%
Upload > 100M	0.0%	0%	Upload > 100M	0.0%	0%
Upload > 1G	0.0%	0%	Upload > 1G	0.0%	0%

Source - API Call

Source - API Call

Demographics

Description: The column on the left summarizes the demographic characteristics of the population with access to this provider within this geography. The column on the right displays the demographics for the entire population within the selected geography.

Age	Percent Population	House District	Race	Percent Population	House District
under 5	4.6%	4.6%	White	84.1%	83.4%
5 - 19	18.4%	18.3%	Black	0.9%	0.8%
20 - 34	18.8%	18.6%	Hispanic	5.7%	5.8%
35 - 59	33.7%	33.4%	Asian/Pacific Islander	1.3%	1.3%
60+	24.5%	25.1%	Native American	7.9%	8.5%

Source - API Call

Source - API Call

Income	Percent Population	House District	Education	Percent Population	House District
Median income	\$49,727	\$50,344	HS graduate	87.6%	87.5%
Poverty rate	10.7%	10.7%	B. Degree +	24.0%	23.9%
Below 25k	28.5%	28.4%			
\$25k - \$50k	27.8%	27.7%			
\$50k - \$100k	32.4%	32.3%			
\$100k - \$200k	10.2%	10.5%			
\$200k+	1.1%	1.0%			

Source - API Call

Source - API Call

Similar Provider by population served

Description: This section generates a list of similar providers based on various provider attributes. "By Population Served" Lists broadband providers offering service to a similar percentage of the population (any technology) within this geography. "By Technologies Offered" Lists broadband providers offering the same technologies, sorted by percent of population within this geography. "By Most Common Maximum Download Speed Offered" Lists broadband providers offering the same common maximum download speed within this geography. (The most common maximum download speed is the speed that the provider offers to the greatest % of the population)

Provider	Percent Population
General Communication, Inc.	93.6%
Alaska Communications Systems Holdings, Inc.	65.5%
AT&T Inc.	58.9%
ACS Business Systems, Inc.	53.7%
SPIITwSPOTS LLC	51.9%
American Broadband Communications et al.	30.6%

Source: API Call

All Providers in House District

Description: Below is a list of all broadband providers that offer service in this geography.

Provider Name
ACS Business Systems, Inc.
AT&T Inc.
Alaska Communications Systems Holdings, Inc.
American Broadband Communications et al.
General Communication, Inc.
SPIITwSPOTS LLC

[View Full List](#)

Source: API Call



The National Broadband Map is a tool to search, analyze and map broadband availability across the United States. Created and maintained by the NTIA, in collaboration with the FCC, and in partnership with 50 states, five territories and the District of Columbia.





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Methodology and Source · Export · API

Alaska Communications Systems Holdings, Inc.

Coverage Map

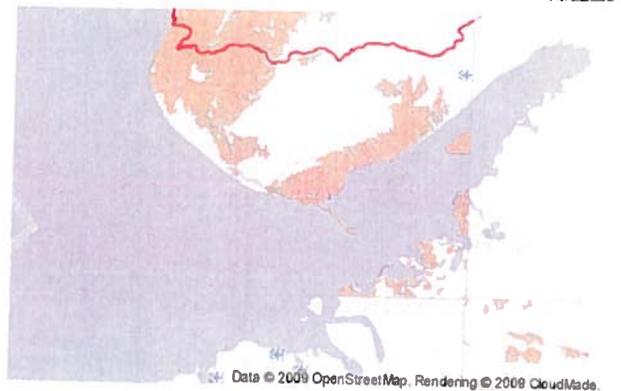
This provider offers Terrestrial Mobile Wireless - Licensed broadband technologies to an approximate population of 11,455 (out of a total population of 17,477).

States/Territories where this provider offers service: 1 (click to expand).

Availability Overview

Population	11,455	Most common advertised download speed	1.5 - 3	66.5% of population served
Housing Units	6,669	Most common advertised upload speed	200 - 768	65.5% of population served
Total area (sq miles)	277			
Population Density (people per sq mile)	2			

Coverage Map



Methodology & Source

Technology Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each type of broadband technology. The percentages on the right-hand column indicate the total percentage of the population with access to each technology within the geography.

Wireless	Percent Population	House District
Any Technology	65.5%	97%
Any Wireless	65.5%	95%
Fixed Wireless	0.0%	52%
Fixed Wireless (L)	0.0%	0%
Fixed Wireless (unL)	0.0%	52%
Mobile Wireless (L)	65.5%	95%

Source · API Cell

Maximum Advertised Speed Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each maximum advertised download and upload speed tier. The percentages on the right-hand column indicate the total percentage of the population with access to these speeds within the geography.

Download	Percent Population	House District
Down 768k Up 200k	65.5%	95%
Down 3M Up 768k	0.0%	57%
Download > 768k	65.5%	95%
Download > 1.5M	65.5%	95%
Download > 3M	0.0%	57%
Download > 6M	0.0%	57%
Download > 10M	0.0%	57%
Download > 25M	0.0%	0%
Download > 50M	0.0%	0%
Download > 100M	0.0%	0%
Download > 1G	0.0%	0%

Source: AFI Call

Wireless Upload	Percent Population	House District
Upload > 200k	65.5%	95%
Upload > 768k	0.0%	94%
Upload > 1.5M	0.0%	57%
Upload > 3M	0.0%	57%
Upload > 6M	0.0%	57%
Upload > 10M	0.0%	57%
Upload > 25M	0.0%	0%
Upload > 50M	0.0%	0%
Upload > 100M	0.0%	0%
Upload > 1G	0.0%	0%

Source: AFI Call

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20 - 34	18.6%	18.6%	Hispanic	5.8%	5.8%
35 - 59	34.4%	33.4%	Asian/Pacific Islander	1.3%	1.3%
60+	25.3%	25.1%	Native American	7.6%	8.5%

Source: AFI Call

Source: AFI Call

Income	Percent Population	House District	Education	Percent Population	House District
Median income	\$50,458	\$50,344	HS graduate	90.3%	87.5%
Poverty rate	10.7%	10.7%	B. Degree +	24.7%	23.9%
Below 25k	28.1%	28.4%			
\$25k - \$50k	28.0%	27.7%			
\$50k - \$100k	32.7%	32.3%			
\$100k - \$200k	10.1%	10.5%			
\$200k+	1.1%	1.0%			

Source: AFI Call

Source: AFI Call

Similar Provider by population served

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About Provider - Alaska - State Legislative Districts Lower House - 035 - National Broadband Map

Provider	Percent Population
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Alaska Communications Systems Holdings, Inc.	65.5%
AT&T Inc.	58.9%
ACS Business Systems, Inc.	53.7%
SPIWSPOTS LLC	51.9%
American Broadband Communications et al.	30.6%

Source - ARI Call

All Providers in House District

Description Below is a list of all broadband providers that offer service in this geography.

Provider Name

- ACS Business Systems, Inc.
- AT&T Inc.
- Alaska Communications Systems Holdings, Inc.
- American Broadband Communications et al.
- General Communication, Inc.
- SPIWSPOTS LLC

[View Full List](#)

Source - ARI Call



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About Provider

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Alaska

State Legislative Districts Lower House 035

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Methodology and Source - Export - API

AT&T Inc.

Coverage Map

This provider offers Terrestrial Mobile Wireless - Licensed broadband technologies to an approximate population of 10,294 (out of a total population of 17,477).

States/Territories where this provider offers service: 53 (click to expand).

Availability Overview

Population
10,294

Housing Units
5,731

Total area (sq miles)
351

Population Density
(people per sq mile)
3

Most common advertised download speed

1.5 - 3

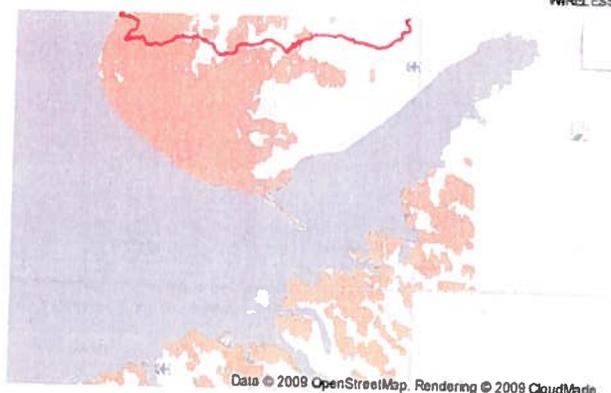
58.9% of population served

Most common advertised upload speed

768 - 1.5

58.9% of population served

Coverage Map



Methodology & Source

Technology Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each type of broadband technology. The percentages on the right-hand column indicate the total percentage of the population with access to each technology within the geography.

Wireless	Percent Population	House District
Any Technology	58.9%	97%
Any Wireless	58.9%	95%
Fixed Wireless	0.0%	52%
Fixed Wireless (L)	0.0%	0%
Fixed Wireless (unL)	0.0%	52%
Mobile Wireless (L)	58.9%	95%

Source - API Call

Maximum Advertised Speed Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each maximum advertised download and upload speed tier. The percentages on the right-hand column indicate the total percentage of the population with access to these speeds within the geography.

Down 768k Up 200k	58.9%	95%
Down 3M Up 768k	0.0%	57%
Download > 768k	58.9%	95%
Download > 1.5M	58.9%	95%
Download > 3M	0.0%	57%
Download > 6M	0.0%	57%
Download > 10M	0.0%	57%
Download > 25M	0.0%	0%
Download > 50M	0.0%	0%
Download > 100M	0.0%	0%
Download > 1G	0.0%	0%

Source - ARI Call

Wireless Upload	Percent Population	House District
Upload > 200k	58.9%	95%
Upload > 768k	58.9%	94%
Upload > 1.5M	0.0%	57%
Upload > 3M	0.0%	57%
Upload > 6M	0.0%	57%
Upload > 10M	0.0%	57%
Upload > 25M	0.0%	0%
Upload > 50M	0.0%	0%
Upload > 100M	0.0%	0%
Upload > 1G	0.0%	0%

Source - ARI Call

Demographics

Description: The column on the left summarizes the demographic characteristics of the population with access to this provider within this geography. The column on the right displays the demographics for the entire population within the selected geography.

Age	Percent Population	House District	Race	Percent Population	House District
under 5	4.4%	4.6%	White	83.0%	83.4%
5 - 19	17.4%	18.3%	Black	1.0%	0.8%
20 - 34	18.7%	18.6%	Hispanic	6.0%	5.8%
35 - 59	34.5%	33.4%	Asian/Pacific Islander	1.4%	1.3%
60+	24.9%	25.1%	Native American	8.4%	8.5%

Source - ARI Call

Source - ARI Call

Income	Percent Population	House District	Education	Percent Population	House District
Median income	\$50,265	\$50,344	HS graduate	90.1%	87.5%
Poverty rate	10.7%	10.7%	B. Degree +	23.6%	23.9%
Below 25k	27.3%	28.4%			
\$25k - \$50k	27.8%	27.7%			
\$50k - \$100k	33.3%	32.3%			
\$100k - \$200k	10.5%	10.5%			
\$200k+	1.2%	1.0%			

Source - ARI Call

Source - ARI Call

Similar Provider by population served

Description: This section generates a list a similar providers based on various provider attributes. "By Population Served": Lists broadband providers offering service to a similar percentage of the population (any technology) within this geography. "By Technologies Offered": Lists broadband providers offering the same technologies, sorted by percent of population, within this geography. "By Most Common Maximum Download Speed Offered": Lists broadband providers offering the same common maximum download speed, within this geography (The most common maximum download speed is the speed that the provider offers to the greatest % of the population).

Provider	Percent Population
General Communication, Inc.	93.6%
Alaska Communications Systems Holdings, Inc.	65.5%
AT&T Inc.	58.9%
ACS Business Systems, Inc.	53.7%
SPITwSPOTS LLC	51.9%
American Broadband Communications et al.	30.6%

Source: API Call

All Providers in House District

Description: Below is a list of all broadband providers that offer service in this geography.

Provider Name

- ACS Business Systems, Inc.
- AT&T Inc.
- Alaska Communications Systems Holdings, Inc.
- American Broadband Communications et al.
- General Communication, Inc.
- SPITwSPOTS LLC

[View Full List](#)

Source: API Call



The National Broadband Map is a tool to search, analyze and map broadband availability across the United States. Created and maintained by the NTIA, in collaboration with the FCC, and in partnership with 50 states, five territories and the District of Columbia.



About Provider

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Alaska

State Legislative Districts Lower House 035

This page provides an overview of the percent of population with access to broadband, technology, and maximum advertised speeds for any given provider. The information is displayed according to the unit of geography (nation, state, county, etc.) selected on the previous page. Broadband data are collected by SBI grantees and are current as of 12/31/11.

Methodology and Source · Export · API

SPITwSPOTS LLC

Coverage Map

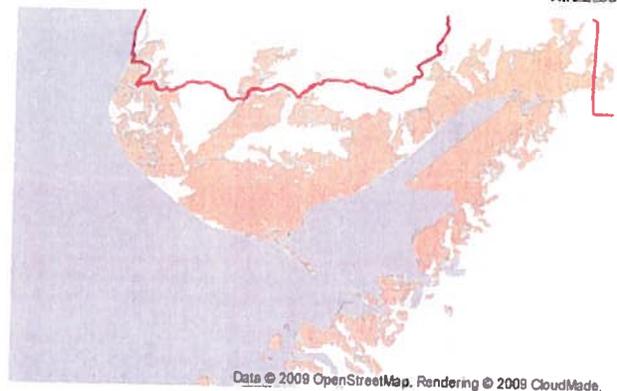
This provider offers Terrestrial Fixed Wireless - Unlicensed broadband technologies to an approximate population of 9,068 (out of a total population of 17,477).

States/Territories where this provider offers service: 1 (click to expand).

Availability Overview

Population	9,068	Most common advertised download speed	10 - 25	51.9% of population served
Housing Units	5,306			
Total area (sq miles)	229	Most common advertised upload speed	10 - 25	51.9% of population served
Population Density (people per sq mile)	7			

Coverage Map



Methodology & Source

Technology Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each type of broadband technology. The percentages on the right-hand column indicate the total percentage of the population with access to each technology within the geography.

Wireless	Percent Population	House District
Any Technology	51.9%	97%
Any Wireless	51.9%	95%
Fixed Wireless	51.9%	52%
Fixed Wireless (L)	0.0%	0%
Fixed Wireless (unL)	51.9%	52%
Mobile Wireless (L)	0.0%	95%

Source · API Call

Maximum Advertised Speed Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each maximum advertised download and upload speed tier. The percentages on the right-hand column indicate the total percentage of the population with access to these speeds within the geography.

Down 768k Up 200k	51.9%	95%
Down 3M Up 768k	51.9%	57%
Download > 768k	51.9%	95%
Download > 1.5M	51.9%	95%
Download > 3M	51.9%	57%
Download > 6M	51.9%	57%
Download > 10M	51.9%	57%
Download > 25M	0.0%	0%
Download > 50M	0.0%	0%
Download > 100M	0.0%	0%
Download > 1G	0.0%	0%

Source - AFI Call

Wireless Upload	Percent Population	House District
Upload > 200k	51.9%	95%
Upload > 768k	51.9%	94%
Upload > 1.5M	51.9%	57%
Upload > 3M	51.9%	57%
Upload > 6M	51.9%	57%
Upload > 10M	51.9%	57%
Upload > 25M	0.0%	0%
Upload > 50M	0.0%	0%
Upload > 100M	0.0%	0%
Upload > 1G	0.0%	0%

Source - AFI Call

Demographics

Description: The column on the left summarizes the demographic characteristics of the population with access to this provider within this geography. The column on the right displays the demographics for the entire population within the selected geography.

Age	Percent Population	House District	Race	Percent Population	House District
under 5	4.9%	4.6%	White	88.3%	83.4%
5 - 19	19.8%	18.3%	Black	0.4%	0.8%
20 - 34	18.7%	18.6%	Hispanic	5.0%	5.8%
35 - 59	32.3%	33.4%	Asian/Pacific Islander	0.9%	1.3%
60+	24.3%	25.1%	Native American	5.4%	8.5%

Source - AFI Call

Source - AFI Call

Income	Percent Population	House District	Education	Percent Population	House District
Median income	\$50,529	\$50,344	HS graduate	87.5%	87.5%
Poverty rate	10.7%	10.7%	B. Degree +	26.6%	23.9%
Below 25k	28.6%	28.4%			
\$25k - \$50k	28.8%	27.7%			
\$50k - \$100k	31.2%	32.3%			
\$100k - \$200k	10.4%	10.5%			
\$200k+	1.1%	1.0%			

Source - AFI Call

Source - AFI Call

Similar Provider by population served

Description: This section generates a list of similar providers based on various provider attributes. "By Population Served": Lists broadband providers offering service to a similar percentage of the population (any technology) within this geography. "By Technologies Offered": Lists broadband providers offering the same technologies, sorted by percent of population, within this geography. "By Most Common Maximum Download Speed Offered": Lists broadband providers offering the same common maximum download speed, within this geography (The most common maximum download speed is the speed that the provider offers to the greatest % of the population).

About Provider - Alaska - State Legislative Districts Lower House - 035 - National Broadband Map

Provider	Percent Population
General Communication, Inc.	93.6%
Alaska Communications Systems Holdings, Inc.	65.5%
AT&T Inc.	58.9%
ACS Business Systems, Inc.	53.7%
SPITwSPOTS LLC	51.9%
American Broadband Communications et al	30.6%

Source - AFI Call

All Providers in House District

Description: Below is a list of all broadband providers that offer service in this geography.

Provider Name
ACS Business Systems, Inc.
AT&T Inc.
Alaska Communications Systems Holdings, Inc.
American Broadband Communications et al
General Communication, Inc.
SPITwSPOTS LLC

Source - AFI Call



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About Provider

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Alaska

State Legislative Districts Lower House 035

This page provides an overview of the percent of population with access to broadband, technology, and maximum advertised speeds for any given provider. The information is displayed according to the unit of geography (nation, state, county, etc.) selected on the previous page. Broadband data are collected by SBI grantees and are current as of 12/31/11.

Methodology and Source · Export · API

ACS Business Systems, Inc.

Coverage Map

This provider offers Asymmetric xDSL broadband technologies to an approximate population of 9,391 (out of a total population of 17,477).

States/Territories where this provider offers service: 1 (click to expand).

Availability Overview

Population
9,391

Most common advertised download speed

768 - 1.5

53.7% of population served

Housing Units
5,398

Total area (sq miles)
106

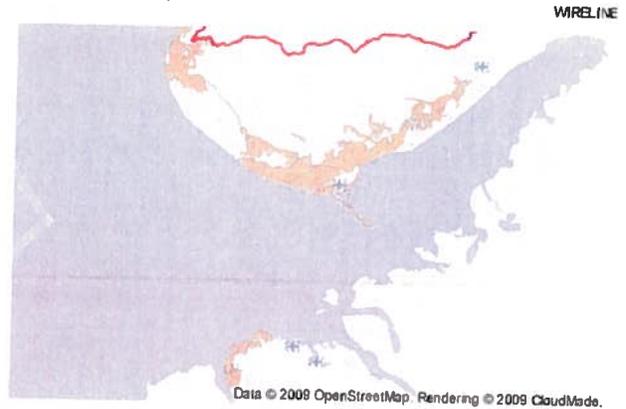
Most common advertised upload speed

200 - 768

53.7% of population served

Population Density (people per sq mile)
62

Coverage Map



Methodology & Source

Technology Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each type of broadband technology. The percentages on the right-hand column indicate the total percentage of the population with access to each technology within the geography.

Wireline	Percent Population	House District
Any Technology	53.7%	97%
Any Wireline	53.7%	85%
DSL	53.7%	84%
Asymmetric xDSL	53.7%	84%
Symmetric xDSL	0.0%	0%
Other Copper Wireline	0.0%	0%
Cable Modem	0.0%	55%
Cable - Other	0.0%	55%
Cable - DOCSIS 3	0.0%	0%
Fiber	0.0%	0%
Electric Power Line	0.0%	0%

Source · API Call

Maximum Advertised Speed Summary

Description: The column on the left summarizes the percent of the population, for this provider and in this geography, with access to each maximum advertised download and upload speed tier. The percentages on the right-hand column indicate the total percentage of the population with access to these speeds within the geography.

Wireline Download	Percent Population	House District
Down > 768k Up > 200k	53.7%	85%
Down > 3M Up > 768k	26.3%	49%
Download > 768k	53.7%	85%
Download > 1.5M	26.3%	60%
Download > 3M	26.3%	49%
Download > 6M	24.5%	47%
Download > 10M	22.6%	46%
Download > 25M	0.0%	0%
Download > 50M	0.0%	0%
Download > 100M	0.0%	0%
Download > 1G	0.0%	0%

Source - API Call

Wireline Upload	Percent Population	House District
Upload > 200k	53.7%	85%
Upload > 768k	26.3%	57%
Upload > 1.5M	0.0%	0%
Upload > 3M	0.0%	0%
Upload > 6M	0.0%	0%
Upload > 10M	0.0%	0%
Upload > 25M	0.0%	0%
Upload > 50M	0.0%	0%
Upload > 100M	0.0%	0%
Upload > 1G	0.0%	0%

Source - API Call

Demographics

Description: The column on the left summarizes the demographic characteristics of the population with access to this provider within this geography. The column on the right displays the demographics for the entire population within the selected geography.

Age	Percent Population	House District	Race	Percent Population	House District
under 5	4.6%	4.6%	White	88.0%	83.4%
5 - 19	18.5%	18.3%	Black	0.4%	0.8%
20 - 34	18.4%	18.6%	Hispanic	5.3%	5.8%
35 - 59	33.3%	33.4%	Asian/Pacific Islander	0.9%	1.3%
60+	25.2%	25.1%	Native American	5.3%	8.5%

Source - API Call

Source - API Call

Income	Percent Population	House District
Median income	\$51,775	\$50,344
Poverty rate	10.7%	10.7%
Below 25k	27.6%	28.4%
\$25k - \$50k	29.3%	27.7%
\$50k - \$100k	31.9%	32.3%
\$100k - \$200k	10.1%	10.5%
\$200k+	1.1%	1.0%

Source - API Call

Education	Percent Population	House District
HS graduate	91.9%	87.5%
B. Degree +	28.2%	23.9%

Source - API Call

Similar Provider by population served

Description This section generates a list a similar providers based on various provider attributes. "By Population Served" Lists broadband providers offering service to a similar percentage of the population (any technology) within this geography. "By Technologies Offered" Lists broadband providers offering the same technologies, sorted by percent of population within this geography. "By Most Common Maximum Download Speed Offered" Lists broadband providers offering the same common maximum download speed, within this geography. (The most common maximum download speed is the speed that the provider offers to the greatest % of the population)

Provider	Percent Population
General Communication, Inc.	93.6%
Alaska Communications Systems Holdings, Inc.	65.5%
AT&T Inc.	58.9%
ACS Business Systems, Inc.	53.7%
SPITwSPOTS LLC	51.9%
American Broadband Communications et al.	30.6%

Source - API Call

All Providers in House District

Description Below is a list of all broadband providers that offer service in this geography.

Provider Name
ACS Business Systems, Inc.
AT&T Inc.
Alaska Communications Systems Holdings, Inc.
American Broadband Communications et al.
General Communication, Inc.
SPITwSPOTS LLC

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Source - API Call



The National Broadband Map is a tool to search, analyze and map broadband availability across the United States. Created and maintained by the NTIA, in collaboration with the FCC, and in partnership with 50 states, five territories and the District of Columbia.



Analyze » Summarize

State » Illinois
Metropolitan Statistical Area » Chicago-Joliet-Naperville, IL-IN-WI Metro Area

Below is a summary of the broadband characteristics for the area listed above. The broadband data below is as of 12/31/11 and represents data collected by SBDD grantees. Click on the section headings to see more information.

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Number of Wireline Providers	Percent Population	Nationwide
0	0.6%	3.7%
1	4.5%	11.3%
2	30.2%	41.5%
3	55.8%	30.5%
4	8.1%	10.2%
5	0.7%	2.1%
6	0.0%	0.5%
7	0.0%	0.3%
8+	0.0%	0.1%

Source: API Call

Number of Wireless Providers	Percent Population	Nationwide
0	0.0%	0.4%
1	0.0%	1.6%
2	0.0%	4.1%
3	0.0%	7.2%
4	0.1%	28.8%
5	3.8%	26.6%
6	55.4%	16.9%
7	10.7%	6.3%
8+	30.0%	8.2%

Source: API Call

Technology	Percent Population	Nationwide
DSL	93.1%	88.9%
Fiber	0.8%	17.8%
Cable	78.5%	85.2%
Wireless	100.0%	98.7%
Other	0.0%	0.0%

Source: API Call

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	100.0%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	100.0%	96.7%

Source: API Call

Broadband Speed Test (mbps)	Number of Tests	25 th percentile	median speed (mbps)	75 th percentile	Download Speed
Home	19,962	2.4	11.1	16.1	
Schools, Libraries, Community Centers	648	2.1	11.1	23.0	
Medium/Large Business	755	2.9	11.1	28.8	

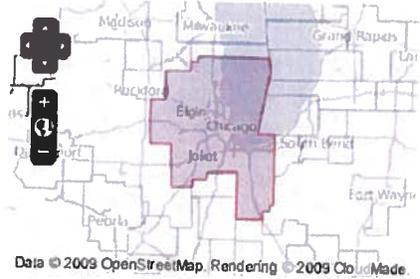
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Demographics

Total area (sq miles)	8,836
Population	9,538,036
Housing Units	3,820,358

Age	Area (%)	Nationwide
under 5	5.5%	5.3%
5 - 19	20.9%	20.1%
20 - 34	19.7%	19.5%
35 - 59	33.7%	33.1%
60+	20.2%	22.1%

Race	Area (%)	Nationwide
White	64.8%	71.0%
Black	17.2%	12.4%
Hispanic	11.9%	10.6%
Asian/Pacific Islander	5.7%	4.8%
Native American	0.4%	0.9%

Income	Area (%)	Nationwide
Median income	\$63,769	\$54,929
Poverty rate	13.9%	15.8%
Below \$25k	21.9%	28.5%
\$25k-\$50k	25.8%	29.0%
\$50k-\$100k	34.4%	30.0%
\$100k-\$200k	14.3%	10.1%
\$200k or more	3.5%	2.4%

Education	Area (%)	Nationwide
High School graduate	80.6%	79.7%
Bachelor's degree or higher	28.6%	24.6%

Small Business	1,103	1.4	14.0
Mobile	126,252	0.8	5.9
Other	148	1.0	7.9
Source: ARI Call			29.8

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The National Broadband Map is Updated posted by Lynn Chadwick on July 25, 2012

Updates »

Sign up and receive updates about the National Broadband Map

Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="button" value="v"/>
		Yes	No	?	-	
Schools K through 12	3,550	1,739	294	1,517	818	
University, College, other post-secondary	164	69	5	90	66	
Libraries	757	357	40	360	338	
Medical / Healthcare	595	71	7	517	48	
Public Safety	717	202	22	493	165	
Community Centers - Government support	551	549	0	2	530	
Community Centers - Non-Government support	150	65	0	85	29	
Source: ARI Call		Speeds provided *				

BTOP Illinois State Funding

Recipient	Project	Total Award
State Data and Development		
The Partnership for a Con...	State Data and Development	\$6,554,641
Infrastructure		
Board of Trustees of the ...	Urbana-Champaign Big Broadband	\$22,534,776
DeKalb County Government	DeKalb Advancement of Technology Authority Broa...	\$11,864,164
Delta Communications, dba...	Illinois Broadband Opportunities Partnership ♦♦...	\$31,515,253
Illinois Department of Ce...	Illinois Broadband Opportunity Partnership - ...	\$61,895,282
Northern Illinois Univers...	Illinois Broadband Opportunity Partnership Nort...	\$46,114,026
University Corporation to...	United States Unified Community Anchor Network ...	\$62,540,162
Public Computer Centers		
City of Chicago	SmartChicago Public Computer Centers	\$8,974,283
Sustainable Adoption		
City of Chicago	SmartChicago Sustainable Broadband Adoption	\$7,074,369
Communication Service for...	Project Endeavor	\$14,988,657
MyWay Village, Inc.	Getting Illinois Low Income Seniors and People ...	\$4,731,442
One Economy Corporation	21st Century Information and Support Ecosystem:...	\$28,519,482

Source: ARI Call

BIP Illinois State Funding Summary

Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Round 2			
Sacenet	\$7,530,000	\$0	\$7,530,000
Echostar XI Operating LLC	\$14,159,250	\$0	\$14,159,250
Wildblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,308	\$0	\$58,777,308
Cellular Properties, Inc.	\$6,132,260	\$6,132,260	\$12,264,520
Convergence Technologies, Inc.	\$4,303,125	\$1,434,375	\$5,737,500
Norlight, Inc.	\$7,726,423	\$3,311,324	\$11,037,747
Shawnee Telephone Company	\$1,102,940	\$6,249,989	\$7,352,929
Utopian Wireless Corporation	\$198,271	\$66,091	\$264,362
Utopian Wireless Corporation	\$206,055	\$88,686	\$294,741
Utopian Wireless Corporation	\$389,141	\$129,714	\$518,855

Utopian Wireless Corporation	\$450,189	\$150,003	\$600,252
Utopian Wireless Corporation	\$190,780	\$63,594	\$254,374

TA Grants

Source API Call

results 0.44 seconds

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Analyze » Summarize

State » New York
Metropolitan Statistical Area » New York-Northern New Jersey-Long Island, NY-NJ-PA Metro Area

Below is a summary of the broadband characteristics for the area listed above. The broadband data below is as of 12/31/11 and represents data collected by SBDD grantees. Click on the section headings to see more information.

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Number of Wireline Providers	Percent Population	Nationwide
0	0.0%	3.7%
1	0.8%	11.3%
2	11.3%	41.5%
3	70.7%	30.5%
4	16.0%	10.2%
5	1.0%	2.1%
6	0.1%	0.5%
7	0.0%	0.3%
8+	0.0%	0.1%

Source: ARI Call

Number of Wireless Providers	Percent Population	Nationwide
0	0.1%	0.4%
1	0.2%	1.6%
2	0.3%	4.1%
3	1.1%	7.2%
4	98.4%	28.8%
5	0.1%	26.6%
6	0.0%	16.9%
7	0.0%	6.3%
8+	0.0%	8.2%

Source: ARI Call

Technology	Percent Population	Nationwide
DSL	96.7%	88.9%
Fiber	61.7%	17.8%
Cable	98.6%	85.2%
Wireless	99.7%	98.7%
Other	0.0%	0.0%

Source: ARI Call

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	100.0%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	100.0%	96.7%

Source: ARI Call

Broadband Speed Test (mbps)	Number of Tests	25 th percentile	median speed (mbps)	75 th percentile	Download Speed
Home	35,368	3.8	18.1		
Schools, Libraries, Community Centers	846	4.3			37.6

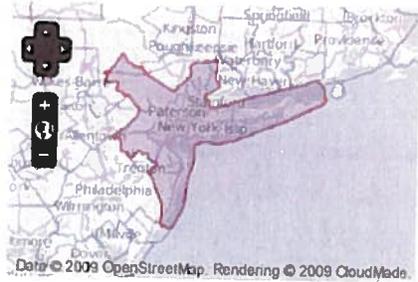
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Demographics

Total area (sq miles)	8,494
Population	19,011,791
Housing Units	7,560,075

Age	Area (%)	Nationwide
under 5	4.9%	5.3%
5 - 19	19.1%	20.1%
20 - 34	19.1%	19.5%
35 - 59	34.9%	33.1%
60+	22.1%	22.1%

Race	Area (%)	Nationwide
White	58.6%	71.0%
Black	17.6%	12.4%
Hispanic	13.3%	10.6%
Asian/Pacific Islander	10.0%	4.8%
Native American	0.5%	0.9%

Income	Area (%)	Nationwide
Median income	\$69,909	\$54,929
Poverty rate	14.0%	15.8%
Below \$25k	26.3%	28.5%
\$25k-\$50k	23.6%	29.0%
\$50k-\$100k	30.0%	30.0%
\$100k-\$200k	15.4%	10.1%
\$200k or more	4.7%	2.4%

Education	Area (%)	Nationwide
High School graduate	77.5%	79.7%
Bachelor's degree or higher	30.0%	24.6%

Source: ARI Call

Medium/Large Business	1,523	4.4	38.9
Small Business	2,299	1.8	14.4
Mobile	224,413	0.8	6.3
Other	319	1.5	13.9
Source: API Call			38.9

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed
		Yes	No	?	*	
Schools K through 12	6,741	1,338	47	5,356	902	
University, College, other post-secondary	300	154	2	144	56	
Libraries	770	408	0	362	408	
Medical / Healthcare	909	10	0	899	11	
Public Safety	418	2	0	416	63	
Community Centers - Government support	1,108	33	1	1,074	917	
Community Centers - Non-Government support	3	3	0	0	3	
Source: API Call		Speeds provided *				

BTOP New York State Funding

Recipient	Project	Total Award
State Data and Development		
NY State Office of Cyber ...	State Data and Development	\$8,923,532
Infrastructure		
ION Hold Co., LLC	ION Upstate New York Rural Broadband Initiative	\$37,635,706
Vermont Telephone Company	Vermont Broadband Enhanced Learning Link (VT BE...)	\$255,222
University Corporation fo...	United States Unified Community Anchor Network ...	\$62,540,162
Public Computer Centers		
New York State Education ...	New York Computer Centers: Broadbandexpres@you...	\$9,521,150
New York Department of La...	One-Stop Broadband Education Access Mentoring (...)	\$536,737
City of New York	NYC Connected Communities	\$13,917,562
Saint Regis Mohawk Tribe	5-Point Access Public Computer Centers Program	\$641,750
Sustainable Adoption		
Communication Service for...	Project Endeavor	\$14,988,657
One Economy Corporation	21st Century Information and Support Ecosystem:...	\$28,519,482
City of New York SBA	NYC Connected Foundations	\$5,962,124
Wildwood Programs, Inc.	Wildwood Programs: Broadband Video for Human Se...	\$845,363
New York City Department ...	NYC Connected Learning	\$22,162,825
Portland State University	Learner Web Partnership: A Multi-State Support ...	\$690,814

Source: API Call

BIP New York State Funding Summary

Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Slic Network Solutions	\$4,262,642	\$1,066,000	\$5,328,642
Round 2			
Echostar XI Operating LLC	\$14,159,250	\$0	\$14,159,250
Wildblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,306	\$0	\$58,777,306
Castle Cable TV	\$3,584,279	\$3,584,280	\$7,168,559
Saint Regis Mohawk Tribe	\$10,034,392	\$528,125	\$10,562,517
Deposit Telephone Company, Inc.	\$3,018,085	\$0	\$3,018,085
Mid-Hudson Cablevision Inc	\$2,987,570	\$0	\$2,987,570
Port Byron Telephone Co Inc	\$639,218	\$	\$639,218

Sbc Network Solutions, Inc.	\$20,874,574	\$6,958,193	\$27,832,767
Vtel Wireless, Inc.	\$816,648	\$351,661	\$1,168,308
Sacnet	\$7,530,000	\$0	\$7,530,000
Windstream Corporation	\$855,901	\$0	\$855,901

TA Grants

Source: AFTCall

results 0.47 seconds

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Analyze » Summarize

State » Texas

Metropolitan Statistical Area » Austin-Round Rock-San Marcos, TX Metro Area

Below is a summary of the broadband characteristics for the area listed above. The broadband data below is as of 12/31/11 and represents data collected by SBDD grantees. Click on the section headings to see more information.

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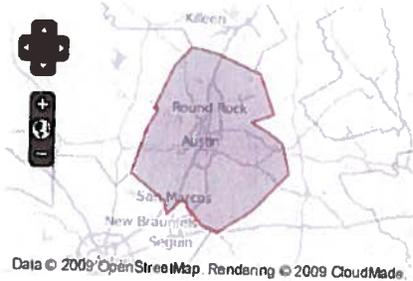
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Demographics

Total area (sq miles)	4,157
Population	1,778,413
Housing Units	731,127

Age	Area (%)	Nationwide
under 5	5.7%	5.3%
5 - 19	20.8%	20.1%
20 - 34	20.6%	19.5%
35 - 59	35.2%	33.1%
60+	17.6%	22.1%

Race	Area (%)	Nationwide
White	72.4%	71.0%
Black	7.4%	12.4%
Hispanic	14.6%	10.6%
Asian/Pacific Islander	4.8%	4.8%
Native American	0.8%	0.9%

Income	Area (%)	Nationwide
Median income	\$61,493	\$54,929
Poverty rate	15.7%	15.8%
Below \$25k	20.6%	28.5%
\$25k-\$50k	26.9%	29.0%
\$50k-\$100k	35.2%	30.0%
\$100k-\$200k	14.2%	10.1%
\$200k or more	3.1%	2.4%

Education	Area (%)	Nationwide
High School graduate	84.0%	79.7%
Bachelor's degree or higher	36.1%	24.6%

Source API Call

Number of Wireline Providers	Percent Population	Nationwide
0	2.4%	3.7%
1	8.2%	11.3%
2	73.6%	41.5%
3	15.8%	30.5%
4	0.1%	10.2%
5	0.0%	2.1%
6	0.0%	0.5%
7	0.0%	0.3%
8+	0.0%	0.1%

Source API Call

Number of Wireless Providers	Percent Population	Nationwide
0	0.0%	0.4%
1	0.0%	1.6%
2	0.0%	4.1%
3	0.1%	7.2%
4	0.6%	28.8%
5	3.9%	26.6%
6	17.0%	16.9%
7	34.2%	6.3%
8+	44.3%	8.2%

Source API Call

Technology	Percent Population	Nationwide
DSL	89.6%	88.9%
Fiber	0.0%	17.8%
Cable	94.8%	85.2%
Wireless	99.9%	98.7%
Other	0.0%	0.0%

Source API Call

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	99.9%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	99.2%	96.7%

Source API Call

Broadband Speed Test (mbps)	Number of Tests	25 th percentile	median speed (mbps)	75 th percentile	Download Speed
Home	5,709	2.9	14.6		
Schools, Libraries, Community Centers	118	3.9			55.4
Medium/Large Business	188	4.5			

Small Business	297	1.6	9.5
Mobile	21,673	0.9	6.8
Other	56	0.6	12.5
Source	API Call	0	55.4

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="button" value="v"/>
		Yes	No	?	*	
Schools K through 12	600	0	0	600	0	
University, College, other post-secondary	36	7	2	27	7	
Libraries	72	16	1	55	16	
Medical / Healthcare	42	11	1	30	11	
Public Safety	124	25	2	97	25	
Community Centers - Government support	41	14	0	27	14	
Community Centers - Non-Government support	0	0	0	0	0	
Source	API Call	Speeds provided *				

BTOP Texas State Funding

Recipient	Project	Total Award
State Data and Development		
Connected Nation (Texas)	State Data and Development	\$8,026,000
Infrastructure		
Valley Telephone Cooperal...	Rio Grande Valley Fiber Network	\$15,697,856
Peoples Telephone Coopera...	East Texas Medical and Educational Fiber Optic ...	\$28,825,356
University Corporation fo...	United States Unified Community Anchor Network ...	\$62,540,162
Texas AandM University Sy...	Texas Pipes	\$6,550,775
ENMR Telephone Cooperativ...	ENMR-Plateau Middle Mile	\$0
Region 18 Education Serv...	Connect Southwest Texas	\$11,946,728
ENMR Telephone Cooperativ...	Extending the Middle Mile: ENMR-Plateau Middle ...	\$255,431
Level 3 EON, LLC	Expanding Broadband Access Across Texas	\$4,677,788
Public Computer Centers		
City of Brownsville	Connect Brownsville	\$865,920
Mission Economic Developm...	Latno Microenterprise Tech Net	\$876,265
Texas State Library and A...	Technology Expertise, Access, and Learning (TEA...	\$7,955,941
City of El Paso	The Virtual Village: Digital El Paso's Pathwa...	\$8,395,752
Technology for All, Inc.	Texas Connects Coalition	\$9,588,279
Deaf Action Center of Lou...	AccessAmerica Video Remote Interpreting	\$51,130
Sustainable Adoption		
Portland State University	Leamer Web Partnership: A Multi-State Support ...	\$290,064
Mexican Institute of Grea...	Sustainable Broadband Adoption through Training...	\$2,015,025
Communication Service for...	Project Endeavor	\$14,988,657
One Economy Corporation	21st Century Information and Support Ecosystem: ..	\$28,519,482

Source: API Call

BIP Texas State Funding Summary

Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Wes-Tex Telephone Cooperative, Inc.	\$16,891,875	\$16,891,875	\$33,783,750
XIT Rural Telephone Cooperative, Inc.	\$3,065,440	\$0	\$3,065,440
Panhandle Telephone Cooperative, Inc.	\$0	\$0	\$0
PRIDE Network, Inc.	\$6,309,931	\$12,811,0	\$19,121,002

Analyze » Summarize

State » Oregon

Metropolitan Statistical Area » Portland-Vancouver-Hillsboro, OR-WA Metro Area

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Demographics

Total area (sq miles)	8,558
Population	2,260,961
Housing Units	938,546

Age	Area (%)	Nationwide
under 5	5.1%	5.3%
5 - 19	19.8%	20.1%
20 - 34	19.2%	19.5%
35 - 59	34.9%	33.1%
60+	21.0%	22.1%

Race	Area (%)	Nationwide
White	80.6%	71.0%
Black	2.9%	12.4%
Hispanic	9.4%	10.6%
Asian/Pacific Islander	5.8%	4.8%
Native American	0.9%	0.9%

Income	Area (%)	Nationwide
Median income	\$57,809	\$54,929
Poverty rate	13.6%	15.8%
Below \$25k	22.8%	28.5%
\$25k-\$50k	29.8%	29.0%
\$50k-\$100k	34.2%	30.0%
\$100k-\$200k	11.1%	10.1%
\$200k or more	2.1%	2.4%

Education	Area (%)	Nationwide
High School graduate	86.3%	79.7%
Bachelor's degree or higher	28.4%	24.6%

Number of Wireline Providers	Percent Population	Nationwide
0	0.4%	3.7%
1	3.4%	11.3%
2	9.2%	41.5%
3	13.8%	30.5%
4	13.7%	10.2%
5	17.9%	2.1%
6	23.8%	0.5%
7	15.6%	0.3%
8+	2.5%	0.1%

Source: AFI Call

Number of Wireless Providers	Percent Population	Nationwide
0	0.0%	0.4%
1	0.1%	1.6%
2	0.4%	4.1%
3	0.7%	7.2%
4	0.9%	28.8%
5	2.7%	26.8%
6	50.0%	16.9%
7	35.6%	6.3%
8+	9.5%	8.2%

Source: AFI Call

Technology	Percent Population	Nationwide
DSL	96.9%	88.9%
Fiber	63.5%	17.8%
Cable	94.6%	85.2%
Wireless	99.5%	98.7%
Other	0.0%	0.0%

Source: AFI Call

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	99.9%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	99.6%	96.7%

Source: AFI Call

Broadband Speed Test (Mbps)	Number of Tests	25 th percentile	median speed (Mbps)	75 th percentile	Download Speed
Home	8,332	2.8	18.8		
Schools, Libraries, Community Centers	81	7.4	35.4		
Medium/Large Business	280	1.5	19.2		

Small Business	389	2.7		19.0
Mobile	31,529	0.8		6.8
Other	90	1.2		16.8
Source: API Call				35.4

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="text"/>
		Yes	No	?	*	
Schools K through 12	805	154	0	651	144	
University, College, other post-secondary	43	25	0	18	24	
Libraries	65	65	0	0	64	
Medical / Healthcare	123	4	0	119	2	
Public Safety	311	55	3	253	28	
Community Centers - Government support	53	11	0	42	9	
Community Centers - Non-Government support	5	0	0	5	0	

Source: API Call

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BTOP Oregon State Funding		Total Award
Recipient	Project	
State Data and Development		
Public Utility Commission...	State Data and Development	\$5,658,302
Infrastructure		
Bend Cable Communications...	Central Oregon Fiber Alliance	\$4,418,765
Lane Council of Governmen...	Oregon South Central Regional Fiber Consortium ...	\$8,325,530
University Corporation fo...	United States Unified Community Anchor Network ...	\$62,540,162
County of Clackamas	Clackamas Broadband Innovation Initiative	\$7,804,181
Public Computer Centers		
County of Crook	Crook County Computer and Education Center	\$3,908,064
Sustainable Adoption		
ZeroDivide	Generation ZD Digital Literacy Program	\$48,486
Communication Service for...	Project Endeavor	\$14,988,657
One Economy Corporation	21st Century Information and Support Ecosystem: ...	\$28,519,482
Portland State University	Learner Web Partnership: A Multi-State Support ...	\$1,125,380

Source: API Call

BIP Oregon State Funding Summary			
Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Gervais Telephone Company	\$314,430	\$314,430	\$628,860
City of Sandy	\$374,537	\$374,548	\$749,085
Round 2			
Midblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,306	\$0	\$58,777,306
Cascade Networks, Inc.	\$578,316	\$578,316	\$1,156,631
Cascade Utilities, Inc.	\$3,898,299	\$1,299,433	\$5,197,732
Monroe Telephone Company	\$4,241,050	\$1,413,884	\$5,654,734
Trans-Cascades Telephone Company	\$1,770,294	\$590,099	\$2,360,393
Warm Springs Telecommunications Company	\$2,722,960	\$2,722,960	\$5,445,920
Sacenet	\$7,530,000	\$0	\$7,530,000
Echostar XI Operating LLC	\$14,159,250	\$0	\$14,159,250

TA-Grants

Analyze » Summarize

State » Oregon

Metropolitan Statistical Area » Portland-Vancouver-Hillsboro, OR-WA Metro Area

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Number of Wireline Providers	Percent Population	Nationwide
0	0.4%	3.7%
1	3.4%	11.3%
2	9.2%	41.5%
3	13.8%	30.5%
4	13.7%	10.2%
5	17.9%	2.1%
6	23.8%	0.5%
7	15.6%	0.3%
8+	2.5%	0.1%

Source: API Call

Number of Wireless Providers	Percent Population	Nationwide
0	0.0%	0.4%
1	0.1%	1.6%
2	0.4%	4.1%
3	0.7%	7.2%
4	0.9%	28.8%
5	2.7%	26.6%
6	50.0%	16.9%
7	35.6%	6.3%
8+	9.5%	8.2%

Source: API Call

Technology	Percent Population	Nationwide
DSL	96.9%	88.9%
Fiber	63.5%	17.8%
Cable	94.6%	85.2%
Wireless	99.5%	98.7%
Other	0.0%	0.0%

Source: API Call

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	99.9%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	99.6%	96.7%

Source: API Call

Broadband Speed Test (mbps)	Number of Tests	25 th percentile	median speed (mbps)	75 th percentile	Download Speed
Home	8,332	2.8	18.8	18.8	
Schools, Libraries, Community Centers	81	7.4	35.4	35.4	
Medium/Large Business	280	1.5	19.2	19.2	

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Demographics

Total area (sq miles)	6,558
Population	2,260,961
Housing Units	938,546

Age	Area (%)	Nationwide
under 5	5.1%	5.3%
5 - 19	19.8%	20.1%
20 - 34	19.2%	19.5%
35 - 59	34.9%	33.1%
60+	21.0%	22.1%

Race	Area (%)	Nationwide
White	80.6%	71.0%
Black	2.9%	12.4%
Hispanic	9.4%	10.6%
Asian/Pacific Islander	5.8%	4.8%
Native American	0.9%	0.9%

Income	Area (%)	Nationwide
Median income	\$57,809	\$54,929
Poverty rate	13.6%	15.8%
Below \$25k	22.8%	28.5%
\$25k-\$50k	29.8%	29.0%
\$50k-\$100k	34.2%	30.0%
\$100k-\$200k	11.1%	10.1%
\$200k or more	2.1%	2.4%

Education	Area (%)	Nationwide
High School graduate	86.3%	79.7%
Bachelor's degree or higher	28.4%	24.6%

Source: API Call

Small Business	389	2.7		19.0
Mobile	31,529	0.8		6.8
Other	90	1.2		16.8
Source: AFI Call				35.4

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="checkbox"/>
		Yes	No	?	-	
Schools K through 12	805	154	0	651	144	
University, College, other post-secondary	43	25	0	18	24	
Libraries	65	65	0	0	64	
Medical / Healthcare	123	4	0	119	2	
Public Safety	311	55	3	253	28	
Community Centers - Government support	53	11	0	42	9	
Community Centers - Non-Government support	5	0	0	5	0	
Source: AFI Call		Speeds provided *				

BTOP Oregon State Funding

Recipient	Project	Total Award
State Data and Development		
Public Utility Commission...	State Data and Development	\$5,658,302
Infrastructure		
Bend Cable Communications...	Central Oregon Fiber Alliance	\$4,418,765
Lane Council of Governmen...	Oregon South Central Regional Fiber Consortium ...	\$8,325,530
University Corporation fo...	United States Unified Community Anchor Network ...	\$62,540,162
County of Clackamas	Clackamas Broadband Innovation Initiative	\$7,804,181
Public Computer Centers		
County of Crook	Crook County Computer and Education Center	\$3,908,064
Sustainable Adoption		
ZeroDivide	Generation ZD Digital Literacy Program	\$48,486
Communication Service for...	Project Endeavor	\$14,988,657
One Economy Corporation	21st Century Information and Support Ecosystem:...	\$28,519,482
Portland State University	Learner Web Partnership: A Multi-State Support ...	\$1,125,380
Source: AFI Call		

BIP Oregon State Funding Summary

Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Genvais Telephone Company	\$314,430	\$314,430	\$628,860
City of Sandy	\$374,537	\$374,548	\$749,085
Round 2			
Wildblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,306	\$0	\$58,777,306
Cascade Networks, Inc.	\$578,316	\$578,316	\$1,156,631
Cascade Utilities, Inc.	\$3,898,299	\$1,299,433	\$5,197,732
Monroe Telephone Company	\$4,241,050	\$1,413,684	\$5,654,734
Trans-Cascades Telephone Company	\$1,770,294	\$590,099	\$2,360,393
Warm Springs Telecommunications Company	\$2,722,960	\$2,722,960	\$5,445,920
Sacenet	\$7,530,000	\$0	\$7,530,000
Echostar XI Operating LLC	\$14,159,250	\$0	\$14,159,250

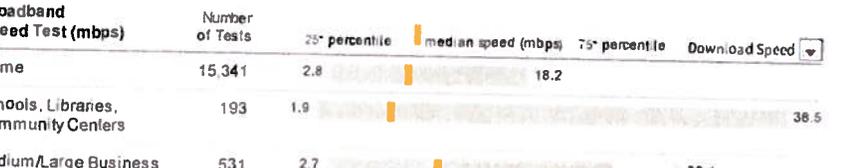
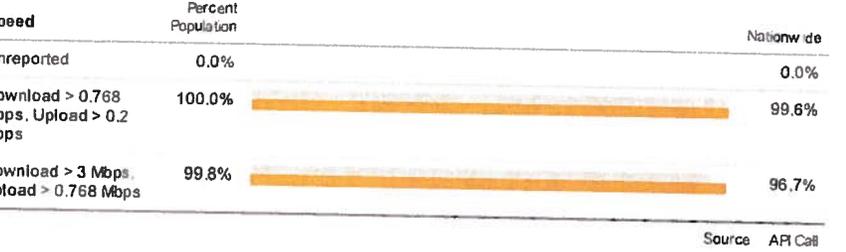
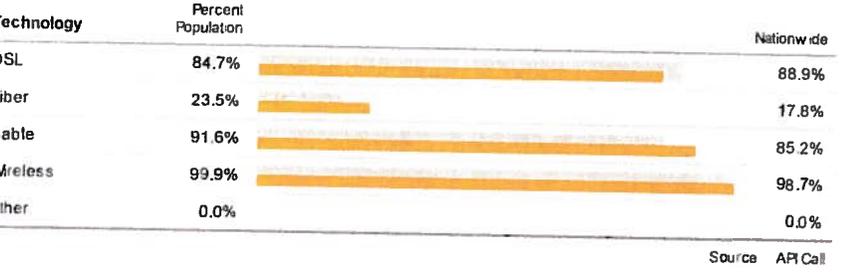
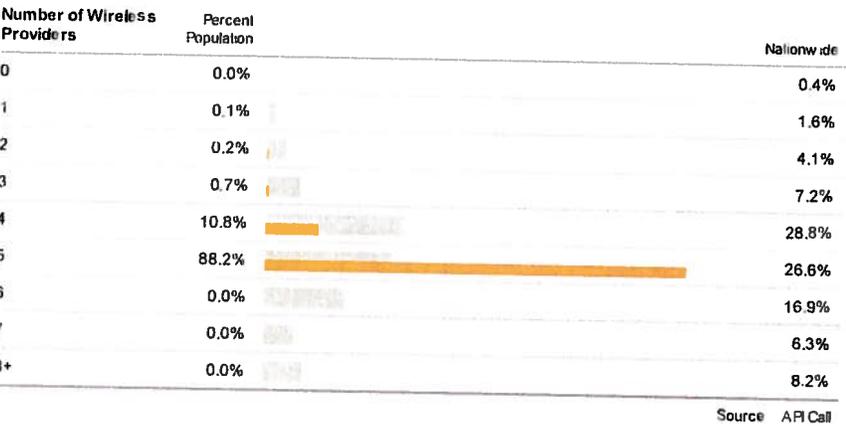
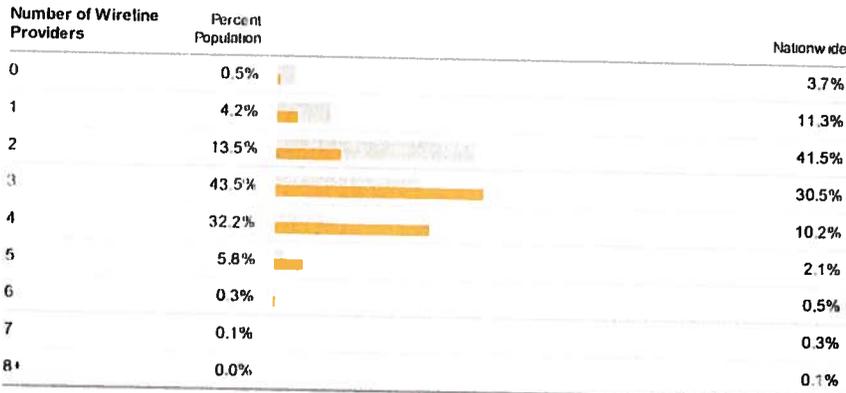
TA-Grants

Analyze » Summarize

State » Washington
Metropolitan Statistical Area » Seattle-Tacoma-Bellevue, WA Metro Area

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Demographics

Total area (sq miles)	6,129
Population	3,486,962
Housing Units	1,482,203

Age	Area (%)	Nationwide
under 5	4.9%	5.3%
5 - 19	19.2%	20.1%
20 - 34	19.1%	19.5%
35 - 59	36.1%	33.1%
60+	20.7%	22.1%

Race	Area (%)	Nationwide
White	71.4%	71.0%
Black	5.6%	12.4%
Hispanic	9.5%	10.6%
Asian/Pacific Islander	11.6%	4.8%
Native American	1.1%	0.9%

Income	Area (%)	Nationwide
Median income	\$66,640	\$54,929
Poverty rate	11.8%	15.8%
Below \$25k	20.6%	28.5%
\$25k-\$50k	27.5%	29.0%
\$50k-\$100k	36.0%	30.0%
\$100k-\$200k	13.2%	10.1%
\$200k or more	2.9%	2.4%

Education	Area (%)	Nationwide
High School graduate	88.4%	79.7%
Bachelor's degree or higher	32.0%	24.6%

Source: AFI Call

Small Business	781	1.4	12.3
Mobile	84,987	0.8	5.0
Other	128	1.3	21.7
Source: AFI Call			38.5

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="text"/>
		Yes	No	?	-	
Schools K through 12	901	625	10	66	808	
University, College, other post-secondary	79	53	0	26	52	
Libraries	127	127	0	0	123	
Medical / Healthcare	53	24	1	28	24	
Public Safety	478	21	1	456	17	
Community Centers - Government support	85	5	0	80	5	
Community Centers - Non-Government support	223	3	0	220	3	
Source: AFI Call		Speeds provided *				

BTOP Washington State Funding

Recipient	Project	Total Award
State Data and Development		
Washington State Departme ...	State Data and Development	\$7,314,042
Infrastructure		
Northwest Open Access Net ...	NoaNet BB Infrastructure Project	\$84,347,997
Northwest Open Access Net ...	State of Washington Broadband Consortium	\$54,452,347
Public Utility District o ...	Pend Oreille County Public Utility District (PU ...	\$27,257,838
University Corporation fo ...	United States Unified Community Anchor Network ...	\$62,540,162
Public Computer Centers		
The Inland Northwest Comm...	Spokane Broadband Technology Alliance - PCC	\$1,283,641
The Puget Sound Center Fo...	Communities Connect Network	\$4,169,734
Sustainable Adoption		
Communication Service for ...	Project Endeavor	\$14,988,657
One Economy Corporation	21st Century Information and Support Ecosystem:...	\$28,519,482
The Inland Northwest Comm...	Spokane Broadband Technology Alliance - SBA	\$980,591
Toledo Telephone Company,...	Toledo/Cowlitz Broadband Initiative	\$2,108,475
ZeroDivide	Generation ZD Digital Literacy Program	\$48,486

Source: AFI Call

BIP Washington State Funding Summary

Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Round 2			
Sacenet	\$7,530,000	\$0	\$7,530,000
Echostar XI Operating LLC	\$14,159,250	\$0	\$14,159,250
Wildblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,306	\$0	\$58,777,306
Cascade Networks, Inc.	\$1,287,218	\$1,287,219	\$2,574,438
EcliptixNet Broadband, Inc	\$14,320,824	\$6,137,496	\$20,458,320
Hood Canal Telephone Co., Inc.	\$2,712,000	\$904,000	\$3,616,000
McDaniel Telephone Company	\$1,192,951	\$0	\$1,192,951
Public Utility District 1 Of Chelan County	\$24,963,089	\$0	\$24,963,089
Public Utility District 1 Of Okanogan County	\$5,501,782	\$3,667,855	\$9,169,637

Analyze » Summarize

State » Alaska

Metropolitan Statistical Area » Fairbanks, AK Metro Area

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Demographics

Total area (sq miles)	9,372
Population	98,234
Housing Units	42,020

Age	Area (%)	Nationwide
under 5	5.8%	5.3%
5 - 19	21.2%	20.1%
20 - 34	21.2%	19.5%
35 - 59	34.6%	33.1%
60+	17.2%	22.1%

Race	Area (%)	Nationwide
White	77.1%	71.0%
Black	4.5%	12.4%
Hispanic	8.4%	10.6%
Asian/Pacific Islander	2.7%	4.8%
Native American	6.9%	0.9%

Income	Area (%)	Nationwide
Median income	\$65,960	\$54,929
Poverty rate	9.4%	15.8%
Below \$25k	20.6%	28.5%
\$25k-\$50k	28.3%	29.0%
\$50k-\$100k	36.6%	30.0%
\$100k-\$200k	13.4%	10.1%
\$200k or more	1.1%	2.4%

Education	Area (%)	Nationwide
High School graduate	91.7%	79.7%
Bachelor's degree or higher	27.2%	24.6%

Source: AFI Call

Number of Wireline Providers	Percent Population	Nationwide
0	3.4%	3.7%
1	18.7%	11.3%
2	77.9%	41.5%
3	0.0%	30.5%
4	0.0%	10.2%
5	0.0%	2.1%
6	0.0%	0.5%
7	0.0%	0.3%
8+	0.0%	0.1%

Source: AFI Call

Number of Wireless Providers	Percent Population	Nationwide
0	0.0%	0.4%
1	0.0%	1.6%
2	0.2%	4.1%
3	0.6%	7.2%
4	2.5%	28.8%
5	96.7%	26.6%
6	0.0%	16.9%
7	0.0%	6.3%
8+	0.0%	8.2%

Source: AFI Call

Technology	Percent Population	Nationwide
DSL	90.6%	88.9%
Fiber	0.0%	17.8%
Cable	78.1%	85.2%
Wireless	99.7%	98.7%
Other	0.0%	0.0%

Source: AFI Call

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	99.7%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	87.8%	96.7%

Source: AFI Call

Broadband Speed Test (mbps)	Number of Tests	25 th percentile	median speed (mbps)	75 th percentile	Download Speed
Home	166	0.7	3.9		
Schools, Libraries, Community Centers	13		7.6		19.9
Medium/Large Business	6	5.7		9.1	

Small Business	5	1.0	3.0
Mobile	352	0.5	2.5
Other	0		
Source	API Call		19.9

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="text"/>
		Yes	No	?	-	
Schools K through 12	50	34	2	14	32	
University, College, other post-secondary	0	0	0	0	0	
Libraries	3	2	1	0	2	
Medical / Healthcare	5	2	0	3	1	
Public Safety	16	1	0	15	1	
Community Centers - Government support	20	5	0	15	5	
Community Centers - Non-Government support	15	0	1	14	0	
Source	API Call	Speeds provided *				

BTOP Alaska State Funding

Recipient	Project	Total Award
State Data and Development		
Connected Nation (Alaska)	State Data and Development	\$6,378,198
Infrastructure		
University Corporation to...	United States Unified Community Anchor Network ...	\$62,540,162
Public Computer Centers		
Alaska Department of Educ...	Networking Alaska Public Libranes	\$5,351,378
Sustainable Adoption		
Communication Service for...	Project Endeavor	\$14,988,657
University of Alaska Fair...	Bridging the e-Skills Gap in Alaska	\$4,544,546
Source API Call		

BIP Alaska State Funding Summary

Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Rivada Sea Lion, LLC	\$25,333,240	\$0	\$25,333,240
Supervision Inc.	\$174,680	\$0	\$174,680
United Utilities, Inc.	\$43,982,240	\$44,158,522	\$88,140,762
Copper Valley Wireless, Inc.	\$1,747,795	\$1,747,796	\$3,495,591
Round 2			
Copper Valley Telephone Cooperative Incorporate...	\$2,613,975	\$2,613,975	\$5,227,950
Sacenet	\$7,530,000	\$0	\$7,530,000
Echostar XI Operating LLC	\$14,159,250	\$0	\$14,159,250
Wtdblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,306	\$0	\$58,777,306
TA-Grants			
Central Council of the Tlingit & Haida Indian T...	\$19,994,146,829	\$0	\$19,994,146,829
Source API Call			

results: 0.41 seconds

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Analyze » Summarize

State » Alaska

Metropolitan Statistical Area » Anchorage, AK Metro Area

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Number of Wireline Providers	Percent Population	Nationwide
0	0.1%	3.7%
1	11.9%	11.3%
2	87.9%	41.5%
3	0.0%	30.5%
4	0.0%	10.2%
5	0.0%	2.1%
6	0.0%	0.5%
7	0.0%	0.3%
8+	0.0%	0.1%

Source: AFI Call

Number of Wireless Providers	Percent Population	Nationwide
0	0.1%	0.4%
1	0.5%	1.6%
2	1.2%	4.1%
3	28.8%	7.2%
4	14.5%	28.8%
5	54.9%	26.6%
6	0.0%	16.9%
7	0.0%	6.3%
8+	0.0%	8.2%

Source: AFI Call

Technology	Percent Population	Nationwide
DSL	96.9%	88.9%
Fiber	0.0%	17.8%
Cable	89.5%	85.2%
Wireless	99.4%	98.7%
Other	0.0%	0.0%

Source: AFI Call

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	99.9%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	98.4%	96.7%

Source: AFI Call

Broadband Speed Test (mbps)	Number of Tests	25 th percentile	median speed (mbps)	75 th percentile	Download Speed
Home	874	1.0	5.7		
Schools, Libraries, Community Centers	13	2.7		12.0	
Medium/Large Business	83	2.5			22.2

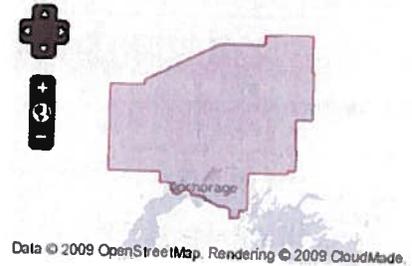
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Demographics

Total area (sq miles)	32,575
Population	384,220
Housing Units	155,904

Age	Area (%)	Nationwide
under 5	5.9%	5.3%
5 - 19	22.0%	20.1%
20 - 34	20.0%	19.5%
35 - 59	34.3%	33.1%
60+	17.7%	22.1%

Race	Area (%)	Nationwide
White	70.2%	71.0%
Black	4.5%	12.4%
Hispanic	9.9%	10.6%
Asian/Pacific Islander	6.5%	4.8%
Native American	7.3%	0.9%

Income	Area (%)	Nationwide
Median income	\$69,742	\$54,929
Poverty rate	10.0%	15.8%
Below \$25k	19.4%	28.5%
\$25k-\$50k	26.5%	29.0%
\$50k-\$100k	36.9%	30.0%
\$100k-\$200k	15.0%	10.1%
\$200k or more	2.2%	2.4%

Education	Area (%)	Nationwide
High School graduate	88.7%	79.7%
Bachelor's degree or higher	25.1%	24.6%

Source: AFI Call

Small Business	59	0.8	3.6
Mobile	3,443	0.5	3.3
Other	14	1.9	6.4
Source AFI Call			22.2

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="button" value="v"/>
		Yes	No	?	-	
Schools K through 12	176	141	0	35	58	
University, College, other post-secondary	4	1	0	3	1	
Libraries	22	9	7	6	8	
Medical / Healthcare	31	4	0	27	2	
Public Safety	34	1	0	33	0	
Community Centers - Government support	64	7	0	57	4	
Community Centers - Non-Government support	90	2	3	85	2	

Source AFI Call Speeds provided *

BTOP Alaska State Funding Recipient	Project	Total Award
State Data and Development		
Connected Nation (Alaska)	State Data and Development	\$6,378,198
Infrastructure		
University Corporation fo...	United States Unified Community Anchor Network ...	\$62,540,162
Public Computer Centers		
Alaska Department of Educ...	Networking Alaska Public Libraries	\$5,351,378
Sustainable Adoption		
Communication Service for...	Project Endeavor	\$14,988,657
University of Alaska Fair...	Bridging the e-Skills Gap in Alaska	\$4,544,546

Source AFI Call

BIP Alaska State Funding Summary			
Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Rivada Sea Lion, LLC	\$25,333,240	\$0	\$25,333,240
Supervision Inc.	\$174,680	\$0	\$174,680
United Utilities, Inc.	\$43,982,240	\$44,158,522	\$88,140,762
Copper Valley Wireless, Inc.	\$1,747,795	\$1,747,796	\$3,495,591
Round 2			
Copper Valley Telephone Cooperative Incorporate...	\$2,613,975	\$2,613,975	\$5,227,950
Sacenet	\$7,530,000	\$0	\$7,530,000
Echosiar XI Operating LLC	\$14,159,250	\$0	\$14,159,250
Wildblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,306	\$0	\$58,777,306
TA-Grants			
Central Council of the Tlingit & Haida Indian T...	\$19,994,146,829	\$0	\$19,994,146,829

Source AFI Call

results: 0.49 seconds

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Number of Wireline Providers	Percent Population	Nationwide
0	6.2%	3.7%
1	45.5%	11.3%
2	48.3%	41.5%
3	0.0%	10.2%
4	0.0%	2.1%
5	0.0%	0.5%
6	0.0%	0.3%
7	0.0%	0.1%
8+	0.0%	

Source: ARI Cell

Number of Wireless Providers	Percent Population	Nationwide
0	1.3%	0.4%
1	1.7%	1.6%
2	6.9%	4.1%
3	75.6%	7.2%
4	14.5%	28.8%
5	0.0%	26.6%
6	0.0%	16.9%
7	0.0%	6.3%
8+	0.0%	8.2%

Source: ARI Cell

Technology	Percent Population	Nationwide
DSL	85.7%	88.9%
Fiber	0.0%	17.8%
Cable	46.7%	85.2%
Wireless	97.3%	98.7%
Other	0.0%	0.0%

Source: ARI Cell

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	98.4%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	74.3%	96.7%

Source: ARI Cell

Broadband Speed Test (mbps)	Number of Tests	25 th percentile	median speed (mbps)	75 th percentile	Download Speed
Home	79	0.3	1.1		
Schools, Libraries, Community Centers	4	1.2		4.7	
Medium/Large Business	2				

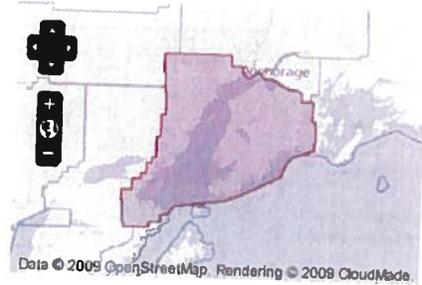
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Demographics

Total area (sq miles)	28,560
Population	55,871
Housing Units	30,748

Age	Area (%)	Nationwide
under 5	5.0%	5.3%
5 - 19	19.8%	20.1%
20 - 34	19.0%	19.5%
35 - 59	33.0%	33.1%
60+	23.1%	22.1%

Race	Area (%)	Nationwide
White	84.6%	71.0%
Black	0.5%	12.4%
Hispanic	6.2%	10.6%
Asian/Pacific Islander	1.1%	4.8%
Native American	7.4%	0.9%

Income	Area (%)	Nationwide
Median income	\$55,011	\$54,929
Poverty rate	10.7%	15.8%
Below \$25k	28.4%	28.5%
\$25k-\$50k	27.7%	29.0%
\$50k-\$100k	33.1%	30.0%
\$100k-\$200k	11.7%	10.1%
\$200k or more	1.1%	2.4%

Education	Area (%)	Nationwide
High School graduate	87.9%	79.7%
Bachelor's degree or higher	20.0%	24.6%

Source: ARI Cell

Small Business	11	1.0	3.3
Mobile	461	0.3	1.9
Other	2		4.3 4.4
Source	API Call		4.7

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="text"/>
		Yes	No	?	-	
Schools K through 12	51	38	1	12	37	
University College, other post-secondary	6	6	0	0	6	
Libraries	11	5	5	1	4	
Medical / Healthcare	5	2	0	3	2	
Public Safety	20	0	0	20	0	
Community Centers - Government support	23	2	0	21	0	
Community Centers - Non-Government support	16	0	0	16	0	
Source	API Call	Speeds provided *				

BTOP Alaska State Funding Recipient	Project	Total Award
State Data and Development		
Connected Nation (Alaska)	State Data and Development	\$6,378,198
Infrastructure		
University Corporation fo...	United States Unified Community Anchor Network ...	\$62,540,162
Public Computer Centers		
Alaska Department of Educ...	Networking Alaska Public Libraries	\$5,351,378
Sustainable Adoption		
Communication Service for...	Project Endeavor	\$14,988,657
University of Alaska Fair...	Bridging the e-Skills Gap in Alaska	\$4,544,546
Source	API Call	

BIP Alaska State Funding Summary			
Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Rivada Sea Lion, LLC	\$25,333,240	\$0	\$25,333,240
Supervision Inc.	\$174,680	\$0	\$174,680
United Utilities, Inc.	\$43,982,240	\$44,158,522	\$88,140,762
Copper Valley Wireless, Inc.	\$1,747,795	\$1,747,796	\$3,495,591
Round 2			
Copper Valley Telephone Cooperative incorporate...	\$2,613,975	\$2,613,975	\$5,227,950
Sacenet	\$7,530,000	\$0	\$7,530,000
Echostar XI Operating LLC	\$14,159,250	\$0	\$14,159,250
Midblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,306	\$0	\$58,777,306
TA-Grants			
Central Council of the Tlingit & Haida Indian T...	\$19,994,146.829	\$0	\$19,994,146,829
Source	API Call		

results: 0.42 seconds

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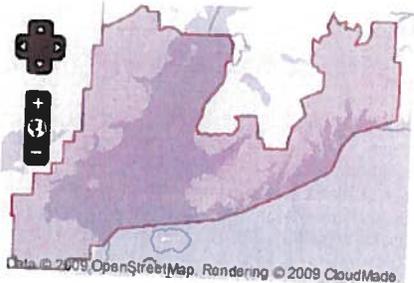
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Number of Wireline Providers	Percent Population	Nationwide
0	10.4%	3.7%
1	32.6%	11.3%
2	57.0%	41.5%
3	0.0%	30.5%
4	0.0%	2.1%
5	0.0%	0.5%
6	0.0%	0.3%
7	0.0%	0.1%
8+	0.0%	

Demographics

Total area (sq miles)	18,042
Population	17,477
Housing Units	10,204

Number of Wireless Providers	Percent Population	Nationwide
0	4.1%	0.4%
1	2.4%	1.6%
2	6.5%	4.1%
3	42.0%	7.2%
4	44.9%	28.8%
5	0.0%	26.6%
6	0.0%	16.9%
7	0.0%	6.3%
8+	0.0%	8.2%

Age	Area (%)	Nationwide
under 5	4.6%	5.3%
5 - 19	18.3%	20.1%
20 - 34	18.6%	19.5%
35 - 59	33.4%	33.1%
60+	25.1%	22.1%

Race	Area (%)	Nationwide
White	83.4%	71.0%
Black	0.8%	12.4%
Hispanic	5.8%	10.6%
Asian/Pacific Islander	1.3%	4.8%
Native American	8.5%	0.9%

Technology	Percent Population	Nationwide
DSL	84.4%	88.9%
Fiber	0.0%	17.8%
Cable	54.6%	85.2%
Wireless	95.4%	98.7%
Other	0.0%	0.0%

Income	Area (%)	Nationwide
Median income	\$50,344	\$54,929
Poverty rate	10.7%	15.8%
Below \$25k	28.4%	28.5%
\$25k-\$50k	27.7%	29.0%
\$50k-\$100k	32.3%	30.0%
\$100k-\$200k	10.5%	10.1%
\$200k or more	1.0%	2.4%

Speed	Percent Population	Nationwide
Unreported	0.0%	0.0%
Download > 0.768 Mbps, Upload > 0.2 Mbps	97.2%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	78.1%	96.7%

Education	Area (%)	Nationwide
High School graduate	87.5%	79.7%
Bachelor's degree or higher	23.9%	24.6%

Broadband Speed Test (mbps)	Number of Tests	25 th percentile	median speed (mbps)	75 th percentile	Download Speed
Home	24	0.3	1.7		
Schools, Libraries, Community Centers	1				11.8
Medium/Large Business	1		3.9	3.9	

Small Business	9	1.3	3.3
Mobile	40	0.1	1.1
Other	0		
Source: API Call			118

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Rank my community

Provider »

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Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed <input type="checkbox"/>
		Yes	No	?	-	
Schools K through 12	21	19	0	2	18	
University, College, other post-secondary	3	3	0	0	3	
Libraries	6	2	4	0	2	
Medical / Healthcare	2	2	0	0	2	
Public Safety	12	0	0	12	0	
Community Centers - Government support	11	1	0	10	0	
Community Centers - Non-Government support	7	0	0	7	0	
Source: API Call		Speeds provided *				

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The National Broadband Map Is Updated posted by Lynn Chadwick on July 25, 2012

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BTOP Alaska State Funding		Total Award
Recipient	Project	
State Data and Development		
Connected Nation (Alaska)	State Data and Development	\$6,378,198
Infrastructure		
University Corporation fo...	United States Unified Community Anchor Network ...	\$62,540,162
Public Computer Centers		
Alaska Department of Educ...	Networking Alaska Public Libraries	\$5,351,378
Sustainable Adoption		
Communication Service for...	Project Endeavor	\$14,988,657
University of Alaska Fair...	Bridging the e-Skills Gap in Alaska	\$4,544,546
		Source: API Call

BIP Alaska State Funding Summary			
Applicant Name	Grant Request	Loan Request	Total Request
Round 1			
Rivada Sea Lion, LLC	\$25,333,240	\$0	\$25,333,240
Supervision Inc.	\$174,680	\$0	\$174,680
United Utilities, Inc.	\$43,982,240	\$44,158,522	\$88,140,762
Copper Valley Wireless, Inc.	\$1,747,795	\$1,747,796	\$3,495,591
Round 2			
Copper Valley Telephone Cooperative Incorporate...	\$2,613,975	\$2,613,975	\$5,227,950
Sacenet	\$7,530,000	\$0	\$7,530,000
Echostar XI Operating LLC	\$14,159,250	\$0	\$14,159,250
Wildblue Communications	\$19,533,444	\$0	\$19,533,444
Hughes Network Systems	\$58,777,306	\$0	\$58,777,306
TA-Grants			
Central Council of the Tlingit & Haida Indian T...	\$19,994,146,829	\$0	\$19,994,146,829
		Source: API Call	

results: 1.02 seconds

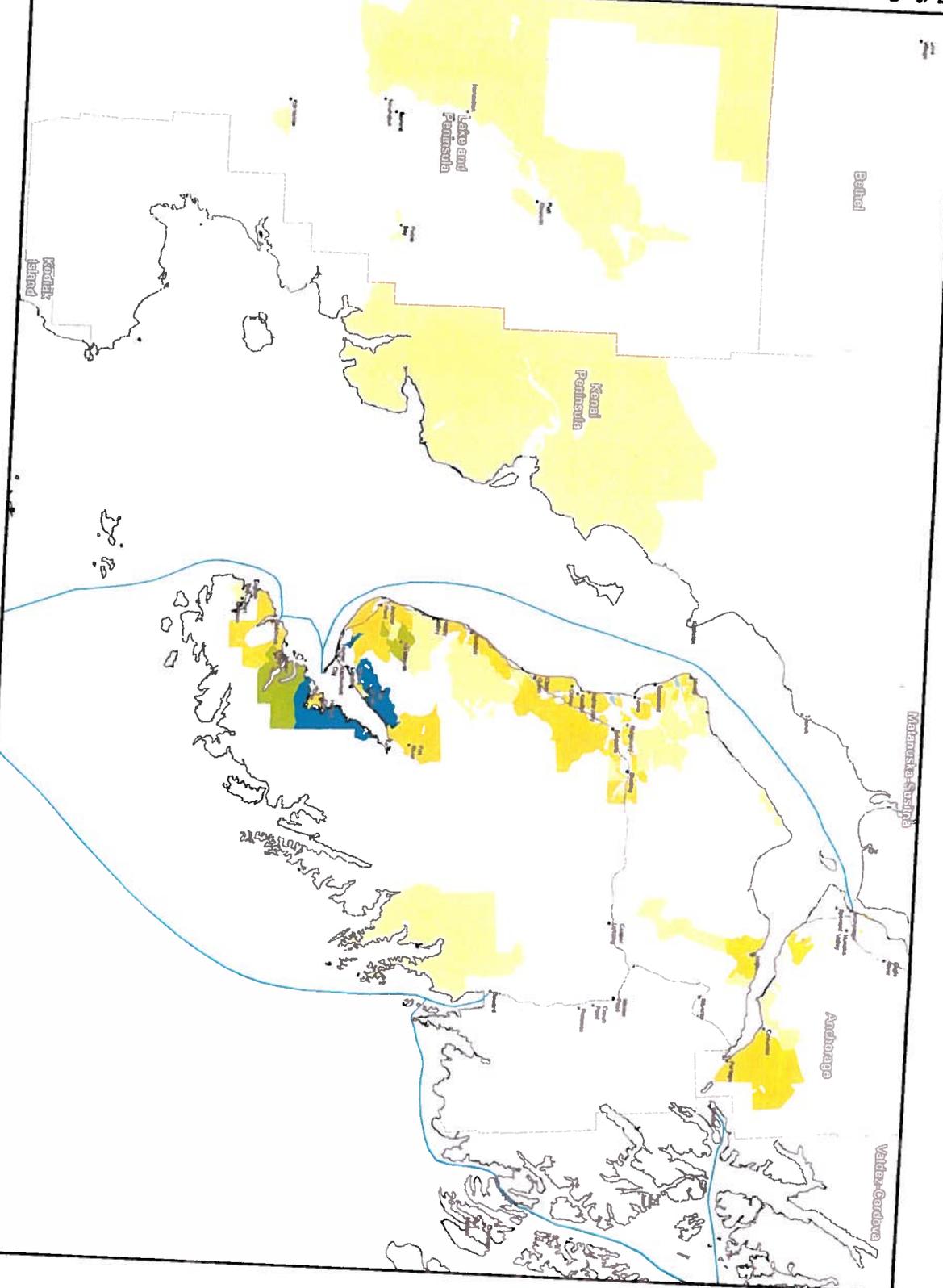
Connect America Fund Phase 1 Eligible Areas Data Comparison Between FCC Proposed Eligible Areas and October 2012, Connected Nation Maps
3 Mbps/768 Kbps Speed Tier Across Price Cap Territories
Kenai Peninsula Borough
Alaska

Updated: January 4, 2013
Data provided by Connected Nation, Inc.



Symbology

- Popularized Price
- Highway
- Secondary Road
- Borough/Census Area Boundary
- FCC Proposed Eligible Areas and Latest CN Data Agree
- Partially Served Areas
- Served Areas or Non-Price Cap Service Areas
- FCC Proposed Eligible Areas and Latest CN Data Inconsistent
- Phase 1 Data OVERESTIMATES Eligible Areas
- Phase 1 Data UNDERESTIMATES Eligible Areas
- FCC Data - Price-Cap Served Areas
- FCC Data - Full-Service Areas
- Phase 1 Data - Estimated Served Areas
- Latest CN Data - Full-Service
- Latest CN Data - Full-Service
- Latest CN Data - Full-Service



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FCC data from the Connect America Fund Phase 1 program. The data is based on the FCC's data from the Connect America Fund Phase 1 program. The data is based on the FCC's data from the Connect America Fund Phase 1 program. The data is based on the FCC's data from the Connect America Fund Phase 1 program.

