

**NOTICE OF MEETING
MEETING AGENDA**

- 1. CALL TO ORDER**
- 2. APPROVAL OF THE AGENDA**
- 3. PUBLIC COMMENT REGARDING ITEMS ON THE AGENDA**
- 4. RECONSIDERATION**
- 5. APPROVAL OF MINUTES**
 - A. November 12, 2013 Regular Meeting Minutes **Page 3**
- 6. VISITORS**
 - A. Aaron Kallenberg, high tech entrepreneur out of New York City
- 7. STAFF & COUNCIL REPORT/COMMITTEE REPORTS/ BOROUGH REPORT**
- 8. PUBLIC HEARING**
- 9. PENDING BUSINESS**
 - A. Market Homer to High Tech Entrepreneurs: Recommendations to Council **Page 9**
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- 10. NEW BUSINESS**
- 11. INFORMATIONAL ITEMS**
 - a. Memo to Council RE: Status Update on Resolution 12-041 **Page 109**
- 12. COMMENTS OF THE AUDIENCE**
- 13. COMMENTS OF THE CITY STAFF**
- 14. COMMENTS OF THE COUNCILMEMBER**
- 15. COMMENTS OF THE CHAIR**
- 16. COMMENTS OF THE COMMISSION**
- 17. ADJOURNMENT/NEXT REGULAR MEETING IS SCHEDULED FOR TUESDAY, JANUARY14, 2014 at 6:00 p.m. in the City Hall Cowles Council Chambers located at 491 E. Pioneer Ave, Homer, Alaska**

Session 13-08 a Regular Meeting of the Economic Development Advisory Commission was called to order by Chair Sarno at 6:00 p.m. on November 12, 2013 at the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska.

PRESENT: COMMISSIONER BARTH, ROSS, SARNO, WAGNER

ABSENT: KRISINTU (excused)

STAFF: COMMUNITY & ECONOMIC DEVELOPMENT COORDINATOR KOESTER
DEPUTY CITY CLERK JACOBSEN

AGENDA APPROVAL

Chair Sarno called for a motion to approve the agenda.

BARTH/ARNO SO MOVED.

There was no discussion.

VOTE: NON OBJECTION: UNANIMOUS CONSENT.

Motion carried.

PUBLIC COMMENTS REGARDING ITEMS ON THE AGENDA

None

RECONSIDERATION

None

APPROVAL OF MINUTES

A. September 10, 2013 Regular Meeting Minutes

The minutes were approved by consensus of the Commission.

VISITORS

STAFF AND COUNCIL REPORT/COMMITTEE REPORTS/BOROUGH REPORTS

A. Non-profit impact on the economy

Community and Economic Development Coordinator Koester reviewed her staff report.

The group reviewed the list of non-profits and recognized in a lot of cases that they rely a lot on the work of volunteers. It was noted that the hospital was not included on the list. They agreed to continue to mull the information over and talk more at a future meeting.

PUBLIC HEARING

PENDING BUSINESS

A. EDC Bylaw Review and Amendment to Include the Chamber Director as a Non –Voting Member

ROSS/BARTH MOVED TO FORWARD THE DRAFT RESOLUTION TO CITY COUNCIL.

There was no discussion.

VOTE: NON OBJECTION: UNANIMOUS CONSENT

Motion carried.

NEW BUSINESS

A. Election of Chair and Vice Chair

Chair Sarno opened the floor to nominations for Chair.

ROSS/SARNO NOMINATED COMMISSIONER BARTH FOR CHAIR.

Commissioner Barth accepted the nomination and there was no further discussion.

VOTE: NON OBJECTION: UNANIMOUS CONSENT.

Motion carried.

Chair Barth assumed the gavel and opened the floor to nominations for Vice Chair.

SARNO/ROSS NOMINATED COMMISSIONER WAGNER FOR VICE CHAIR.

There was discussion that he is currently Vice Chair.

VOTE: NON OBJECTION: UNANIMOUS CONSENT

Motion carried.

B. Memorandum from City Clerk Re: 2014 Meeting Schedule

SARNO/ROSS MOVED TO APPROVE THE ECONOMIC DEVELOPMENT COMMISSION SCHEDULE AS IS.

There was no discussion.

VOTE: NON OBJECTION: UNANIMOUS CONSENT

Motion carried.

C. Hosting Chamber Mixer with Homer Advisory Planning Commission

Community and Economic Development Coordinator Koester explained that the Planning Commission is interested in co-hosting a chamber mixer in an effort to reach out to the business community and get them familiar with the Economic Development Commission and the Planning Commission. She reviewed that there would be a cost for advertising, which Planning has said they could cover advertising, and there will also be a cost for light refreshments.

The Commission was supportive of the idea and suggested March or May. Mrs. Koester said she would pass the information on to Planning and when the date is set; they can talk about who will be available to attend.

D. City Council Sign Up November 25 and December 9

Commissioner Sarno said she will attend on December 9th and give an update about the water and sewer visits.

E. Formulating an Implementation Strategy for Recommendations to Council

- i. Example Market Homer to High Tech Entrepreneurs
- ii. Leveraging Google eCity designation

Community and Economic Development Coordinator Koester reviewed her staff report and the process she suggests the Commission use in making recommendations. Since the Commission has discussed the notion of high tech entrepreneurs in some detail, she used that information to explain the process, which includes:

- Analyzing what the Commission has done thus far to explore the topic and potential holes.
- Developing an assessment of the existing resource. That may include inviting visitors to speak, outside research, or in some instances proposing hiring an outside firm.
- Developing a clear vision of the need and how it relates to Economic development in Homer.
- Brainstorming potential action items the City could take to help the need.
- Prioritizing and choosing a goal(s) worth the public resource that is doable. This may also be where the Commission decides action on this item is not a responsibility of the City or is too complex and large a project for existing resources.
- Developing implementation strategies including required resources, timelines, and responsible parties.

The Commission agreed that it would be beneficial to consider the directives from Council, understand why these were recommended, determine whether or not keep the recommendations as priorities for the Commission to spend time on, and prioritize them in a way that they can make the best use of their time.

They briefly considered each of the directives and made the following comments:

Affordable Housing- They have already put some time and effort into analyzing this topic. One takeaway was that there isn't much housing available that is up to Coast Guard standards. This could be a piece worth focusing on, because there isn't much they can do to stimulate other parts of affordable housing that relate to builders, market, and so forth. It was suggested that it is also important to consider how the different pieces fit together to achieve the overall goal of prosperity in Homer, and attract more jobs and people to town, especially as it relates to young people. Keep on the priority list.

Vo-Tec and Marine Tech Training and Education - This is something the Commission has not addressed yet but holds merit for the community. Keep on the priority list

Market Homer for High Tech Business – There has been a lot of discussion and leg work done on this topic and could be wrapped up soon. Comment was made that high tech business is already happening with people finding out Homer is a good place to be within their own networks. Keep on the priority list.

Downtown Vitalization – Downtown vitalization can encompass different aspects. The City of Soldotna recently had a matching grant program that offered incentives to businesses for storefront renovations and things like that. The CEDS refers to the town center development plan, which they have discussed a little bit. There are so many planning issues around around the town center development. Take off the priority list and redefine at a later time.

Expand Water & Sewer Distribution – The City of Homer has low density and that is a reason our water rates are so high. Infill would make it more affordable. There was discussion that this topic isn't really relevant to the commission. They should focus on things that will improve our economy, and infill could begin to develop as a result. Take off the priority list.

Shoulder Season Sports – Sporting events bring a lot of economic benefit to the community, but it's a given those things will do that. How to get the sport events here isn't necessarily their role. Recommend Parks and Recreation Commission take a role in gathering information and both groups could provide input. Keep on the priority list.

Agricultural Center – The growth of the high tunnel movement has been big here and the more we grow and sell here the fewer dollars that leave our local economy. There is a lot of potential for Homer as an agricultural center. Generally when building the agricultural potential of an area, first take care of the local market, and then look at marketing outside. Keep on the priority list.

After consideration of the topics the group established the order in which they would consider them using implementation and recommendation strategy proposed by Mrs. Koester.

1. Market Homer for High Tech Business
2. Shoulder Season Sports
3. Affordable Housing
4. Promote Homer as an Agricultural Center
5. Vo-Tec or Marine Training and Education

They agreed to forward a memo to Council to let them know the Commission reviewed the recommendations, removed two from the list, and prioritized the remaining five. It would be helpful to explain that priority doesn't necessarily mean that it is what they are most concerned with, but the order they will work through them in the most efficient way possible.

The Commission briefly discussed the eCity designation. Mrs. Koester explained that the chamber had indicated they are working on ways to promote the designation and she will follow up with Mr. Lavrakas about it.

INFORMATIONAL ITEMS

- A. Reminder: Sewage Treatment Plant Tour Tuesday November 26, 2013
- B. RV Parking at College

Community and Economic Development Coordinator Koester briefly commented that she spoke to the college about RV parking in the summer and was informed about the reasons it wouldn't work there.

COMMENTS OF THE AUDIENCE

None

COMMENTS OF CITY STAFF

None

COMMENTS OF THE COUNCILMEMBER

None

COMMENTS OF THE CHAIR

Chair Barth thanked them for making him Chair and for their work tonight.

COMMENTS OF THE COMMISSION

Commissioner Sarno welcomed Mr. Arno. It is really good that they have a diversity of opinions and back grounds among the group. She is happy to give the chairmanship to Mike and thinks they are going to have a good year. She appreciates his focused and direct energy.

ECONOMIC DEVELOPMENT ADVISORY COMMISSION
REGULAR MEETING
NOVEMBER 12, 2013

There were no other commission comments.

ADJOURN

There being no further business to come before the Commission the meeting adjourned at 7:48 p.m. The next regular meeting is scheduled for Tuesday, December 10, 2013 at 6:00 p.m. at the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska.

MELISSA JACOBSEN, CMC, DEPUTY CITY CLERK

Approved: _____



Memorandum

TO: City of Homer Advisory Economic Development Commission

FROM: Katie Koester, Community and Economic Development Coordinator

DATE: December 3, 2013

SUBJECT: Review of all work done to date on 'Marketing Homer to High Tech Entrepreneurs.'

At the November 12, 2013 Economic Development Commission meeting the Commission asked for a review of what the commission has discussed to date regarding the directive from Council 'Marketing Homer to High Tech Entrepreneurs.'

Implementation Recommendations from CEDS:

- Support technical upgrades that benefit individuals and businesses that utilize these services extensively; e.g., high speed broadband internet, improved cell phone service and wireless connectivity.
- Market Homer's quality of life factors and suitability for high-tech/internet based operations.
- Support training opportunities for skill development in computer related fields, including internet-based commerce. (Page 28, CEDS)

What EDC has Done:

The EDC held a work sessions with high tech entrepreneurs and experts in the field in addition to regular meetings. The conclusions that came out of these sessions were: though we have great providers in Homer, connectivity is still an issue. The Upload and download speeds need to be quicker, more reliable and affordable to attract this level of entrepreneur. One suggestion was to promote the distribution of fiber in the community, tapping into the line that runs onto bishops beach. Information Technology Manager Nick Poolos presented to the commission on fiber opportunities in Homer. The group concluded that efforts might best be suited for the 'work from home' entrepreneur who needs reliable high speed internet but does not need the massive band width of fields such as software development, modern filmmaking/editing GIS services, etc.

The quality of life factors that Homer has arose again and again as a primary reason for these professional to locate in Homer. Marketing to this group needs to be on line. The commission talked about ways to partner with the Chamber on adverting what Homer has to offer and marketing on social media and internet blog sites. In order to better target high tech entrepreneurs, the EDC developed a survey to send to high tech entrepreneurs who live in Homer now to ascertain what draws them to the community.



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Memorandum

TO: Homer Advisory Economic Development Commission
FROM: Katie Koester, Community and Economic Development Coordinator
DATE: November 6, 2013
SUBJECT: Staff Report: Recommendations to Council: Resolution 12-041

I would like to propose that the Commission take a closer and more systematic look at the directives from Council outlined in Resolution 12-041. These Include:

- Affordable Housing
- Voc-Tec or Marine Tech Training and Education
- Market Homer for High Tech Businesses
- Downtown Vitalization
- Expand Water and Sewer Distribution System and the Number of Customers
- Expand Shoulder Season Sports
- Promote Homer as an Agricultural Center

Resolution 12-041 asks the EDC to **“provide implementation strategies including timetables, responsible parties, and funding”** regarding each one of the topics. I would like to see a strategy developed to tackle each issue to the best of the ability of the Commission. Sometimes that may mean deciding as a Commission that there is nothing the City can (or should) do to promote the sector of the economy. It would be ideal to produce a written report for each topic that Commissioners can present at Council meetings. I would like to ask for your recommendations on structuring how the Commission goes about systematically tackling each topic. Some suggestions I have include:

- Analyze what the Commission has done thus far to explore the topic and potential holes.
- Develop an assessment of the existing resource. That may include inviting visitors to speak, outside research, or in some instances proposing hiring an outside firm.
- Develop a clear vision of the need and how it relates to Economic development in Homer.
- Brainstorm potential action items the City could take to help the need.
- Prioritize and choose a goal(s) worth the public resource that is doable. This may also be where the Commission decides action on this item is not a responsibility of the City or is too complex and large a project for existing resources.
- Develop implementation strategies including resources required, timelines, and responsible parties.

Today I am asking the Commission help develop a strategy for tackling these tasks and if the EDC is committed to working methodically on them. My role as staff to the Commission is to pull your work and thought together in writing and facilitate the exploration of these topics. I invite each one of you to work with me and share your ideas, suggestions, and vision.

Material and minutes from the meetings where 'Marketing Homer to High Tech Entrepreneurs' was discussed is included in your packet in the following manner:

1. Lone Eagle Pages from Comprehensive Economic Development Strategy (p. 27-28)
2. Minutes where 'Marketing Homer to High Tech Entrepreneurs' is discussed. Relevant information is highlighted in yellow or indicated with a red arrow. This section also includes notes from a January 10, 2013 work session dedicated entirely to this topic.
3. Staff Reports on 'Marketing Homer to High Tech Entrepreneurs.'
4. Memo from City of Homer Information Technology Manager Nick Poolos Re: What would it take for The City of Homer to connect to the marine fiber optic network that lands in town?
5. January 2013 summaries from National Broad Band Map analyzing the coverage of local providers, regional coverage, state wide coverage, and other states for comparison.
6. Information relevant to the survey the Commission discussed issuing to 'work from home entrepreneurs.'
7. Google eCity designation press release and information.

1. Lone Eagle Pages from Comprehensive Economic Development Strategy

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.

2. Minutes where ‘Marketing Homer to High Tech Entrepreneurs’ is discussed. Relevant information is highlighted in yellow or indicated with a red arrow. This section also includes notes from a January 10, 2013 work session dedicated entirely to this topic.

Mr. Seaman proceeded to explain that there is a preference to be closer to the Harbor since it is more protected, however will accept the alternatives, as outlined by the Wooden Bay Society and using the area recommended by the Water Trail and joining forces with them would be adequate to accommodate their intents. He thanked the Commissioners for their time.

Jim Lunny, Vice President, Wooden Boat Society, was present to advocate for the commissioners support by expressing the value he feels the Society offers and brings to the community as a whole; he reiterated comments that have been provided by other members of the Wooden Boat Society. Mr. Lunny added that the annual festivals attract a number of visitors and that could grow with the opportunity of a more permanent place to house the equipment. He further noted that having a more permanent home would open up the opportunity to teach also. Mr. Lunny pointed out that Port Townsend and Lake Union in Washington with a population base 200 times Homer each have separate events on the same bay, both well attended and what value is added to their respective communities.

Mr. Wagner commented that it is all Economic Development and hopefully it can be brought together and approved by the City.

Mr. Faulkner questioned the proposed water trail and commented on the Wooden Boat Society providing more revenue than has been proposed. He did acknowledge that it was an out of the way corner. He thanked them for coming to the meeting.

RECONSIDERATION

There were no items for reconsideration.

APPROVAL OF MINUTES

A. Unapproved meeting minutes of August 14, 2012

Chair Sarno called for a motion to approve the minutes.

FAULKNER/SCHMITT- MOVED TO APPROVE.

There was no discussion.

VOTE: YES. NON-OBJECTION. UNANIMOUS CONSENT.

Motion carried.

VISITORS

There were no visitors scheduled.

Ms. Koester noted that Mr. Brann had requested to be a visitor and a conflict arose and he could not attend.

STAFF REPORT & COUNCIL REPORT/COMMITTEE REPORTS/BOROUGH REPORTS

STAFF REPORT -

Marketing Homer to High Tech Business -

Ms. Koester reviewed her report and recommended that the commissioners if interested in pursuing this further to schedule a worksession to discuss the topic informally with industry representatives. She further recommended that they could outline questions and who to invite.

There was a brief discussion and the commissioners agreed that a worksession would be preferable over a regular meeting. Commissioner Wagner recommended inviting Michael Haines and offered to contact him. Staff requested the Commissioners email her with further questions and recommendations. A date after the holidays would be preferred for a worksession.

January 10, 2013
4:00pm
City Hall Conference Room
491 East Pioneer Avenue
Homer, Alaska

WORK SESSION

Advisory Economic Development Commission

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

On January 10, 2013 the Advisory Economic Development Commission held a work session on the topic "Marketing Homer to High Tech Entrepreneurs." A summary of the meeting follows.

Present:

- Richard Webb, KPC (also builds on line managements systems, gaming co)
- Bryan Zak, EDC Council Rep
- Nick Poolos, IT Manager, COH
- Taz Tally, Grapic Design, photography (via teleconference)
- Aaron Larson, SpitwSpots
- Katie Koester, EDC staff
- Neil Wagner, EDC Commissioner
- Nantia Kristniu, EDC Commissioner
- Adi Jo Davis, EDC Student Representative
- Nick Schmidt, EDC Commissioner
- Brad Faulkner, EDC Commissioner
- Monte Davis, Homer Chamber of Commerce
- Larry Sloane, City Resident

a. Define what type of individual/group Homer is looking for.

Examples of Companies in Homer: Alaskan areal technologies (produces training systems for Bowling);

-maybe high tech is not the right industry for Homer. – maybe what we are talking about is work from home businesses. They use the internet, but are not 'high tech' necessarily (lesser demand for really powerful internet).

-There is no big industry, but there a lots of little industries. Individuals working from home, they are coming here because this is where they want to live.

-this should not be about attracting made talent. have to talk about growing our own. the home grown talent and the already made talent are synergistic.

-who we are attracting, younger kids, want to by able to skype. need video conferencing.

- make small competitive

Redefine - "*work at home entrepreneurs*"

b. Asset Valuation. What are Homer's strong points?

- High quality of life.
- Developable space in a good location. What about a high tech village developed in city centre?
Would need to talk to CIRI, what about fibre?
- Gas Line
- Internet Access.

- world class restaurants.
- Connectivity. Homer is on the road system
- academic centre
- reputation. Homer has a pretty good reputation.
- highly educated, engaged community

Look at what Homer already has - are able able to do some serious things with the connectivity that Homer does have.

c. What are Homer's Challenges

-Internet connectivity: some providers providing really good services, but have heard of acs tanking business models because acs has not been able to turn people 'up' in time.

-transportation/fuel cost.

d. What do we need to do?

- Brand Homer as a high tech place. A place where you can live a relaxed life without all the craziness but still be connected.

-within Alaska Homer has a great reputation, what can we do with what we have.

-Get people connected. Form a group of that regularly meets. get people connected. Get people talking. a place people want to come to bc I can make something happen here.

-grow a population of small interconnected businesses. making sure that the conversation is engaged and keeps going. when you get groups of really interesting people together, really amazing things happen.

-Fibre. Homer could compete if we could get an off ramp. The coverage goals in 20-20 are 90-95% coverage both directions, don't see infrastructure coming to Homer. Homer does not qualify for grant funding beacuse we are on the road.

-need to do a better job at providing internet. Taz Tally, who does most of his business online, says he needs a minimum of 2 megs which he could not get for 4 years. Just this year he was able to ratchet up business, now am getting 6 but 10 should be available. Spit spots is the only company that has been able to deliver for Taz. Online entrepreneurs (work at home) need symmetrical band with – not just down load - for communications with the outside world.

-need to leverage what it means to have an academic centre the community.

-need to think seriously about having a specialization in high tech at our university. longer term, but not too early to start doing that.

-customer service at the City of homer. permitting.

-develop some sort of prize program for really innovate entrepreneurial ideas (biz idea?).

e. Marketing

-Chamber of Commerce could play a larger role in advertising quality of life in Homer (Adi Jo Davis is working with the Chamber on website).

-if looking at attracting people who work from home. - advertising assets of homer.

- should have really up front and ready something that shows internet providers, housing info, highlight things that are in our favor. the things that make homer a nice place to live.

-schools are really important if you want people to move here. advertize as a great place to grow a kid.

-market to anchorage.

-great health care. for a town this size, alternative health care. a lot of that can be done on the chamber.

-add a rotating success story to Chamber's website. testimonial. we don't share that enough.

-most of the marketing that goes on about homer is fishing. One of things that attracts people to homer is the highly educated, engaged community. people don't have that sense that a small Alaskan community can have that people there.

- emphasize winter sports. could make it a more appealing place to live.

-No other community has the density of viable non-profits, for ex. just inside city limits have 100 non-profits. 5-6 art galleries.

-the nature of our community will attract our people. "not just about fishing and nature, but the nature of the community."

- could play with google ad words -looking for one offs, free lancing, working from home. enough to drive a google add.

-could city government do something to incentivize a new business to move into city limits. discount if a type of industry moves there.

-seward has an open for business add in the alaska business monthly.

-concentrate on winter economy

-small business capital of alaska

Who is our target?

- once you define your market, you just have to change your add to fit that market.
- can we define the high tech person. is it definable? people don't even know about the people who already here. Devise a small survey, online, survey monkey.

Potential Survey Questions:

- Why did you come here?
 - Where are there problems?
 - are you hopeful that the city would help your business or fearful that the city would help my business.
 - what kind of businesses would your support - give them 10??? would be useful marketing information.
- survey should paint a picture of who we are, not who we want to be
 - take an honest look at where we are or are not. if we are not, we need to take a look at that.

f. Potential Follow-up:

- a) Chamber website emphasis on quality of life
- b) Form an informal networking group of entrepreneurs
- c) Devise and online survey. Question? How would you get people to respond? Who would you send it to?

- B. Recommendation to City Council Adoption of a Resolution of the City Council of Homer, Alaska approving seasonal day use parking at the Homer Education and Recreation Center parking lot and authorizing the City Manager to work with the State for signage as needed.

WAGNER/ROSS MOVED TO RECOMMEND THE RESOLUTION TO THE CITY COUNCIL FOR ADOPTION.

Commissioner Ross commented that Chamber Director Monte Davis is on board working to help move this forward. Mr. Davis is also drafting a letter to Council that they will take the lead after the City gets it off the ground, and try to get local businesses to carry this through.

Community and Economic Development Coordinator Koester added that she has taken the idea to the City Manager and will work with him on the budget.

Commissioner Ross agreed to make a brief presentation to the Council.

VOTE: NON OBJECTION: UNANIMOUS CONSENT.

Motion carried.

C. Follow up on January 10, 2013 EDC Worksession on Marketing Homer to High Tech Entrepreneurs

Commissioner Wagner explained that during the worksession the group recognized that Homer doesn't really have the band width for bigger industries and it would be costly for them to come here. The consensus was that we have a lot of entrepreneurs here who don't need a huge amount of band width. They considered ways for entrepreneurs to find out about Homer. One option is the Chamber. Mr. Davis was there and they discussed doing a survey to develop some statistic that could be included on the chamber's website.

Chair Sarno commented regarding Bisbee, Arizona's movement to advertise everywhere for artists after their copper mine industry shut down. It has developed into a thriving art colony that has economic vitality. She noted that entrepreneurs can be a young person starting at ground level up to a high volume type business, so it includes everyone.

The group discussed ideas to incorporate into a survey for local entrepreneurs, including number of employees, net or gross income, location, years in business, type of business, who and where are they marketing toward, what they think might be needed to help promote or develop, and if they would offer testimonial.

Mrs. Koester said she would work on a draft to bring back to the Commission.

D. Community Development Class Information

Chair Sarno said that she received some books and information from Mary Parks about a course she completed in Economic Development. She offered that the information is available to share to deepen what they might be able to do for the community. Mrs. Koester commented that the information could be made available for Commissioners or Councilmembers to check out.

upkeep of what there is, sidewalks, parks, roads, etc., and make it possible to say, look at this fabulous downtown.

STAFF AND COUNCIL REPORT/COMMITTEE REPORTS/BOROUGH REPORTS

A. Staff Report: RV Parking Update, Lone Eagle Survey Report

Community and Economic Development Coordinator Koester reviewed her report. There was brief discussion about the RV day use parking in relation to encouraging trolley stops there, or at least nearby, and being able to post contact information of transportation services for people who may not want to walk.

In relation to the lone eagle survey they have been working on, Mrs. Koester said she has not received any responses so maybe they need to consider a different technique. There was discussion that this is still valid, and maybe it would be good to expand the venue to editorials, inclusion on the city website, and so forth. The commission agreed to revisit this in the fall.

PUBLIC HEARING

PENDING BUSINESS

A. Affordable Housing: Staff Report/Update
i. Coast Guard Housing

The Commission talked briefly about the information presented by Mr. Alderfer and the the information relating to Coast Guard housing that was included in their packet. There was discussion that in Anchorage private companies own buildings and lease them back to the military. There is a fair amount of land owned by native corporations or other organizations who might be interested facilitating something with more of a town house feel similar to what other bases are doing around the country. CIRI owns land in the town center and the commission felt it would be beneficial to have some dialog with CIRI to find out if this is a direction they have interest in, or what they are interested in doing with their property in the town center. The commission acknowledged their understanding CIRI wasn't pleased when the Fred Meyer development fell through, but starting a dialog with them might be helpful in making some future progress. Mrs. Koester said she would look into having someone from CIRI attend a meeting in the near future.

NEW BUSINESS

A. City Council Meeting Sign up. May 13 and 27

Community and Economic Development Coordinator Koester clarified that the next council meeting date is May 28th. Most commissioners were unable to commit to attend and Chair Sarno agreed to attend.

INFORMATIONAL ITEMS

None

Motion carried.

NEW BUSINESS

- A. City Council Sign Up for September 23 and October 14

Commissioner Barth agreed to attend on September 23rd to address the bylaw amendment that will be on Council's agenda.

INFORMATIONAL ITEMS

- A. Memo to City Manager on Assigning the Community and Economic Development Coordinator to the Homer Chamber of Commerce Board of Directors



- B. Homer Google eCity Designation

The Commission discussed the Google eCity designation, different aspects of web usage for businesses, and entrepreneurial networking. Mr. Lavrakas commented that he included it on the Chambers web page and explained that the award is based on how businesses in our community use AdWords for marketing. The Commission would like to have it on a future agenda to consider ways to leverage it for the city. They felt it would be interesting to understand how this comes about, and how Homer can continue to earn the designation.

COMMENTS OF THE AUDIENCE

Bumppo Bremmicker, city resident, commented about an article in the paper a few weeks back about the economy of Homer. He found it interesting that the wages in Homer were about 20% lower than the State average and cost of living was about 20% higher. He started looking around Homer and thought if that was the case, we would be in the dumps here, but there are a lot of things going on. There is building happening, jobs, lots of activity, and the town looks pretty darned good to him. He realized that in the article they didn't include wages earned outside of Homer in their analysis, but there is a lot of that with fishermen who live in here and work throughout the State, non-profits bringing in money from other places, construction jobs, slope jobs, and so on. There is a lot of money that comes into Homer that isn't generated here. It made him think about why are people working jobs all over and live here. It's because Homer is such a nice place to live. It's beautiful, has good fishing, decent climate, and there is lots to do summer and winter. People love to live in Homer. It is important for the City of Homer and the EDC to really understand that this is an important part of our economy. These things that all the different groups do are critical to the economic health of Homer. He encouraged them not to necessarily spend money on non-profits and different things like this because we have to be careful with the taxpayers money, but do what they can to encourage these things and entrepreneurs, and do what is necessary to help and benefit these groups, because this is important to the economy of Homer.

COMMENTS OF CITY STAFF

COMMENTS OF THE COUNCILMEMBER

The Commission agreed that it would be beneficial to consider the directives from Council, understand why these were recommended, determine whether or not keep the recommendations as priorities for the Commission to spend time on, and prioritize them in a way that they can make the best use of their time.

They briefly considered each of the directives and made the following comments:

Affordable Housing- They have already put some time and effort into analyzing this topic. One takeaway was that there isn't much housing available that is up to Coast Guard standards. This could be a piece worth focusing on, because there isn't much they can do to stimulate other parts of affordable housing that relate to builders, market, and so forth. It was suggested that it is also important to consider how the different pieces fit together to achieve the overall goal of prosperity in Homer, and attract more jobs and people to town, especially as it relates to young people. Keep on the priority list.

Vo-Tec and Marine Tech Training and Education - This is something the Commission has not addressed yet but holds merit for the community. Keep on the priority list

→ Market Homer for High Tech Business – There has been a lot of discussion and leg work done on this topic and could be wrapped up soon. Comment was made that high tech business is already happening with people finding out Homer is a good place to be within their own networks. Keep on the priority list.

Downtown Vitalization – Downtown vitalization can encompass different aspects. The City of Soldotna recently had a matching grant program that offered incentives to businesses for storefront renovations and things like that. The CEDS refers to the town center development plan, which they have discussed a little bit. There are so many planning issues around around the town center development. Take off the priority list and redefine at a later time.

Expand Water & Sewer Distribution – The City of Homer has low density and that is a reason our water rates are so high. Infill would make it more affordable. There was discussion that this topic isn't really relevant to the commission. They should focus on things that will improve our economy, and infill could begin to develop as a result. Take off the priority list.

Shoulder Season Sports – Sporting events bring a lot of economic benefit to the community, but it's a given those things will do that. How to get the sport events here isn't necessarily their role. Recommend Parks and Recreation Commission take a role in gathering information and both groups could provide input. Keep on the priority list.

Agricultural Center – The growth of the high tunnel movement has been big here and the more we grow and sell here the fewer dollars that leave our local economy. There is a lot of potential for Homer as an agricultural center. Generally when building the agricultural potential of an area, first take care of the local market, and then look at marketing outside. Keep on the priority list.

After consideration of the topics the group established the order in which they would consider them using implementation and recommendation strategy proposed by Mrs. Koester.

Session 12-02, a Special Meeting of the Economic Development Advisory Commission was called to order at 6:00 p.m. by Chair Davis on February 14, 2012 at the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska.

PRESENT: COMMISSIONER DAVIS, FAULKNER, NEECE, SARNO, WAGNER

COUNCILMEMBER: WYTHE (absent)

STUDENT: DAVIS

STAFF: COMMUNITY AND ECONOMIC DEVELOPMENT COORDINATOR KOESTER
DEPUTY CITY CLERK JACOBSEN
IT MANAGER POOLOS
CITY PLANNER ABBOD

APPROVAL OF THE AGENDA

The agenda was approved by consensus of the Commission.

PUBLIC COMMENTS REGARDING ITEMS ON THE AGENDA

There were no public comments.

RECONSIDERATION

APPROVAL OF MINUTES

A. January 18, 2012 Special Meeting Minutes

The minutes were approved by consensus of the Commission

VISITORS

STAFF AND COUNCIL REPORT

A. Staff Report on what it would take for the City of Homer to connect to the marine fiber optic network that lands in town. (Nick Poolos - IT Manager)

Information Technology Manager Poolos reviewed his memorandum and answered questions from the Commission. He explained that before the City could qualify to connect into the line, it would have to establish some form of a utility and establish recognition that it is a carrier. He explained in his memo is an estimate of what the utility would look like for next generation connectivity for the next 20 to 50 years. Municipal funded fiber plans are wholesale only and attract private enterprise to take on the retail space and retail risk. Given our geography, it isn't likely we could attract enough subscribers for a third party to take on that risk, even in a borough wide utility. It discussion it was acknowledged that there are organizations, especially in the public sector, that would benefit from the bandwidth.

B. Report on business incubator/mentor day. (Katie Koester)

Session 12-05, a Regular Meeting of the Economic Development Advisory Commission was called to order at 6:00 p.m. by Chair Sarno on June 12, 2012 at the City Hall Cowles Council Chambers located at 491 E. Pioneer Avenue, Homer, Alaska.

PRESENT: COMMISSIONER KRISINTU, SARNO, SCHMITT, WAGNER

ABSENT: COMMISSIONER FAULKNER

COUNCILMEMBER: WYTHE (Absent)

STUDENT: DAVIS (Absent)

STAFF: COMMUNITY AND ECONOMIC DEVELOPMENT COORDINATOR KOESTER
DEPUTY CITY CLERK JACOBSEN

APPROVAL OF THE AGENDA

The agenda was approved by consensus of the Commission.

PUBLIC COMMENTS REGARDING ITEMS ON THE AGENDA

There were no public comments.

RECONSIDERATION

There were no items for reconsideration.

APPROVAL OF MINUTES

A. May 8, 2012 Regular Meeting Minutes

The minutes were approved by consensus of the Commission

VISITORS

A. Aaron Larson, SpitwSpots - Market Homer for High Tech Business

Aaron Larson and Beau Bridges, officers with SpitwSpots provided some information about the company. Mr. Larson and Mr. Burgess explained that SpitwSpots and other wireless internet service providers, or wisps, have been able to build an infrastructure and network through the airwaves and bring service to hundreds and almost thousands of people now, which would not have service otherwise. It is important to consider alternatives when thinking about the kinds of businesses and economic stimulation with hard line services, it is also important to note that there are interesting things being done to benefit more remote and low density communities like theirs. Regarding the market in Homer for high tech businesses, the wisps make up a vibrant and fairly competitive environment on the cutting edge and trying to provide intense speeds. This technology can allow people who want the lifestyle of living in a cabin in the woods and the ability to telecommute to their high powered job. That opportunity exists because wisps can get to areas where hard line infrastructure would be too costly to develop.

Question was raised regarding whether the city should invest in extending the hard line that could be available through a line accessible near Bishop's Beach, or if the wisps are doing an adequate job. Mr. Larson & Mr. Burgess commented the cable exists and it's used by the other large companies, but doesn't have bearing in the feasibility of fiber to home. To benefit specific business and consideration would have to be given to their specific business needs. Currently multi hundred megabit links are out of the reach of wisps, the capability to start deploying 700 megabits and up point to point links is about 6 to 8 months out. If there is a business that requires large amounts of data, they're in all likelihood a business that can afford to extend the hard line for their needs. There are very few businesses that wouldn't be satisfied with a wisp that has the current technology available. When thinking about whether the city should play an active role in funding it, the information utility line doesn't equate to some thing like water lines as it is useful to a large number of citizens without terminating at their home, and there are local businesses making money providing that last mile service. Mr. Larson noted that their prices are very comparable to rural communities around the country. If people want to live in Homer, they will be able to find the internet resources they need to work from home.

STAFF AND COUNCIL REPORT

- A. Review of Resolution 12-041
- B. Staff Report: Resolution 12-041: Market for Homer for High Tech Business; Suggest Topics for Next Meeting

Community and Economic Development Coordinator Koester reviewed her staff report. The Commission discussed the information in the resolution and options for scheduling worksessions to have informal discussions on the topics and invite community members who can provide feedback as industry representatives. It would be an opportunity to talk about how to market, what our current capacity is and what the future could be for a particular niche. They addressed the importance of having some time for doing research on worksession topics in an effort to be prepared to ask questions and have informed discussion with industry representatives.

The Commission agreed to have a worksession at 5 p.m. before their next meeting on July 10 and watch the TedEx video about transition towns and have discussion. They also talked about Mrs. Koester's recommendations for July agenda topics.

PUBLIC HEARING

None

PENDING BUSINESS

None

NEW BUSINESS

- A. Appoint member to Lease Committee

ECONOMIC DEVELOPMENT ADVISORY COMMISSION
REGULAR MEETING
JUNE 12, 2012

The Commission had brief discussion regarding the appointment to the Lease Committee. Commissioner Schmitt volunteered to participate and there was no objection from the Commission.

INFO ITEMS

- A. City Manager's Report 6/11/12
- B. Families First correspondence
- C. 2008 Renewable Energy Fund grant application for tidal feasibility study
- D. Certificate of Appointment for Nantia Krisintu

Chair Sarno commented regarding the City Manger's report information on the dredge spoils. She noted that some of the dredge material could be used for the Kachemak Drive bike path.

In response to questions, Mrs. Koester commented about the status of the Renewable Energy grant fund information.

COMMENTS OF THE AUDIENCE

Bumppo Bremicker, city resident, commented that internet businesses can benefit many different people. Homer is full of artists who probably already benefit from having their art sold on line, and recently he finds that he runs into many more film makers in the area and he is curious how they benefit from the internet. He thinks there are many groups in the area who could share their information on internet business and to organize a forum where they could share their experience would be beneficial to the community. There is a ton of stuff going on here.

Beauregard Burgess, city resident, commented as a councilmember regarding the CIP list. He doesn't represent the Council tonight, but personally he thinks the more the Commission brings to the process sooner, the time it will give the Council to consider it. It would be helpful to brainstorm fundability for the CIP priorities that are recommended. He also encouraged them to look at broad economic benefit and things that dovetail like a Pike's Place Market environment to replace a Farmer's Market as it is beneficial for agriculture and also for other businesses. Regarding the internet utility issue, Mr. Burgess noted it is important when making decisions like these, not to confuse the medium and the message. It is great there is a broad economic spectrum of things we can do by having it here, but the market has thrived because he City has stayed out of it. He thinks avoiding micromanaging while focusing on what is already here is appropriate. He urged them to use local recourses, namely the Chamber of Commerce for marketing Homer. With regard to renewable energy, he thinks if the Commission feels strongly about it, it would be worth revisiting the City Code regarding renewable energy installation. As a renewable energy installer in one of his businesses they do wind turbine and solar installations and it would be worth making that more accessible. Right now it is difficult for city residents to put up a wind tower for a variety of reasons.

There was brief discussion regarding the Alternative Energy Tour, the capability of wind towers, and if they are viable in the city based on the amount of wind. Mr. Burgess noted that if they consider looking at that portion of code it is important to understand the new technology that is available for smaller lots and denser neighborhoods.

3. Staff Reports on 'Marketing Homer to High Tech Entrepreneurs.'



CITY OF HOMER
CITY HALL
MEMORANDUM

To: Economic Development Advisory Commission
From: Katie Koester, Community & Economic Development Coordinator
Date: June 6, 2012
Subject: Staff Report to EDC

Resolution 12-041

The City Council approved resolution 12-041 giving the Economic Development Commission (EDC) guidance as to what elements of the Comprehensive Economic Development Strategy (CEDS) they would like to see EDC focus on:

Affordable Housing, Voc-Tec or Marine Tech Training and Education, Market Homer for High Tech Businesses, Downtown Vitalization, Expand Water and Sewer Distribution Systems and the Number of Customers, Expand Shoulder Season Sports, Promote Homer as an Agricultural Center.

Recommendation: Pick one (max two) of these topics to cover per meeting in addition to regular business. This would include inviting professionals to present, understanding the status quo, and brainstorming the role the City/Commission can play.

Market Homer for High Tech Businesses

To that end, during today's meeting and others the EDC has looked at marketing homer for high tech businesses by discussing internet capacity. The City of Homer CEDS identifies "lone eagles" as entrepreneurs who can live anywhere because their work is done online (see pages 28-30 from CEDS in your packet). These include individuals in gaming, digital imaging, online education, consulting, and graphic design among others. I have had the opportunity to meet with a professional in the digital imaging field in Homer who suggested we further the conversation with high tech professionals in Homer and internet providers, such as SpitwSpots, through a casual round table conversation.

Some of the topics we might want to address are:

- What support capability do we currently have? What needs improvement?
(band width, education, etc)
- What are high tech professions that would be a good fit for Homer?
- How does marketing reach these professionals?
- What is it about homer that attracts these professionals?

Recommendation: The EDC schedule a work session to discuss this topic informally with industry representatives. The commission could help staff by providing questions to ask and suggesting community members to invite.

Suggested Topics for Next Meeting

1) Transition Towns:

Commissioner Wagoner has sent us a TEDx video on transition towns I encourage everyone to look at before the next meeting (<http://www.youtube.com/watch?v=t56cOsXvdc4>). We have also invited Anne Marie Holen, former staff to the EDC, to present on quality of life factors that attract individuals to a town.

2) Promoting Homer as an Agricultural Center:

Chair Sarno asked that the Commission invite Al Poindexter of Anchor Point Greenhouse to present. I will be working with the Chair and others to bring resources and information to facilitate this conversation. Please feel free to provide me with suggestions.



CITY OF HOMER
CITY HALL

MEMORANDUM

To: Economic Development Advisory Commission
From: Katie Koester, Community & Economic Development Coordinator
Date: November 6, 2012
Subject: Staff Report to EDC

Market Homer for High Tech Businesses

The EDC has looked at marketing Homer for high tech businesses by discussing internet capacity. The City of Homer CEDS identifies "lone eagles" as entrepreneurs who can live anywhere because their work is done online (see pages 28-30 from CEDS in your packet and attached to this memo). These include individuals in gaming, digital imaging, online education, consulting, and graphic design among others.

Recommended invitees include:

Taz Tally, Taz Tally Seminars
Richard Webb, University of Alaska Kenai Peninsula College
Kevin Kreitz
Aaron Larson, SpitwSpots
Please forward your recommendations

Some of the topics we might want to address are:

- What support capability do we currently have? What needs improvement?
(band width, education, etc)
- What are high tech professions that would be a good fit for Homer?
- How does marketing reach these professionals?
- What is it about Homer that attracts these professionals?

Recommendation: The EDC schedule a work session to discuss this topic informally with industry representatives. The commission could help staff by providing questions to ask and suggesting community members to invite.

Facilitate Parking for RVs in Homer during the summer

Have you ever noticed the lack of RV traffic on Pioneer Avenue even though Homer has plenty of RVs visiting the Homer Spit and area campgrounds? There are no good designated parking places for RVs in downtown Homer. The Tourism section of the CEDS identifies this problem (see page 20). A potential solution is for Commission members to work with the Chamber and land owners to designate a couple of locations in downtown for RV parking. Landowners would need to be contacted and asked if they would be willing to allow RV parking on a temporary basis. That parking

November 6, 2012

Page 2

availability could then be advertised to RVs when they visited the chamber and with sandwich board signs at the locals. Even a couple of parking spots with RVs would mean more traffic, business and shoppers in the downtown area.

Recommendation: If the Commission thinks this idea has merit and is interested in taking it on, I would suggest we explore the potential steps involved further. A first step would be to invite Planning Staff Dotti Harness to present to the commission with an interactive map to explore potential landowners to address.

Legislation Signed into Law to Help Small Businesses

Governor Parnell signed HB 121 this fall creating a variety of programs to help small businesses in Alaska that could have an impact for Homer. The first is a Mariculture Revolving Loan fund that allows shellfish farmers to benefit from state supported low interest loans to help with their operations, much like commercial fisherman currently do with the Commercial Fisheries Revolving Loan Fund. The second is the Commercial Charter Fisheries Revolving Loan Fund to assist Alaskan charter operators to acquire charter halibut permits. The third new program is the Alaska Microloan Revolving Loan Fund to provide funding for startup costs for small businesses (see attached press release).

Recommendation: The Economic Development Commission could invite the Department of Commerce Community and Economic Development to present on these new programs.

Kenai Peninsula Economic Development Industry Forum to be held in Homer

In February of this year the City Council passed Resolution 12-015 inviting the Kenai Peninsula Economic Development District and the Kenai Chapter of the Alliance to hold the 2013 Economic Outlook Forum in Homer. The Industry Outlook Forum is traditionally held in the Central Peninsula. Participants include representatives from industries in the Kenai Peninsula such as mining, oil and gas and support companies. The two day event features guest speakers from industry and government and includes all meals for participants.

Planning is currently in progress to hold the Forum in Homer January 31st and February 1st at Lands' End Resort. Forum organizers hope that holding the event in Homer will allow Homer residents and businesses to participate and learn about this large sector of the Peninsula economy. Registration is open to the public.

4. Memo from City of Homer
Information Technology Manager
Nick Poolos Re: What would it take
for The City of Homer to connect
to the marine fiber optic network
that lands in town?

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

5. January 2013 summaries from National Broad Band Map analyzing the coverage of local providers, regional coverage, state wide coverage, and other states for comparison.



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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

Housing Units

5,398

Total area (sq miles)

106

Population Density
(people per sq mile)

62

Most common advertised download speed

768 - 1.5

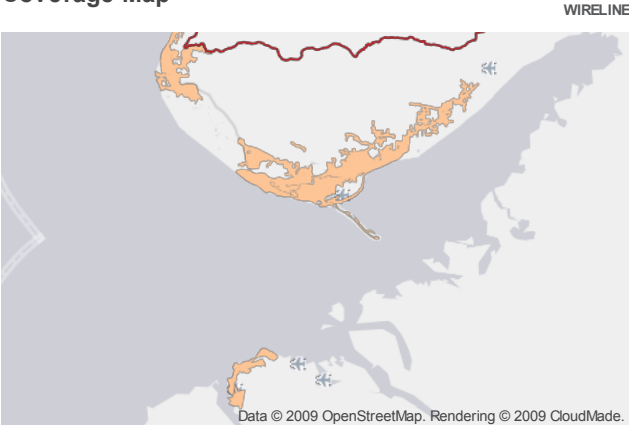
53.7% of population served

Most common advertised upload speed

200 - 768

53.7% 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.

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	Education	Percent Population	House District
Median income	\$51,775	\$50,344	HS graduate	91.9%	87.5%
Poverty rate	10.7%	10.7%	B. Degree +	28.2%	23.9%

Source · API Call

Similar Providerby 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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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

Housing Units

6,669

Total area (sq miles)

277

Population Density
(people per sq mile)

2

Most common advertised download speed

1.5 - 3

65.5% of population served

Most common advertised upload speed

200 - 768

65.5% 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	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 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	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 · API 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 · 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
under 5	4.4%	4.6%
5 - 19	17.3%	18.3%
20 - 34	18.6%	18.6%
35 - 59	34.4%	33.4%
60+	25.3%	25.1%

Source · API Call

Race	Percent Population	House District
White	84.1%	83.4%
Black	0.9%	0.8%
Hispanic	5.8%	5.8%
Asian/Pacific Islander	1.3%	1.3%
Native American	7.6%	8.5%

Source · API Call

Income	Percent Population	House District
Median income	\$50,458	\$50,344
Poverty rate	10.7%	10.7%
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 · API Call

Education	Percent Population	House District
HS graduate	90.3%	87.5%
B. Degree +	24.7%	23.9%

Source · API Call

Similar Providerby 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



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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

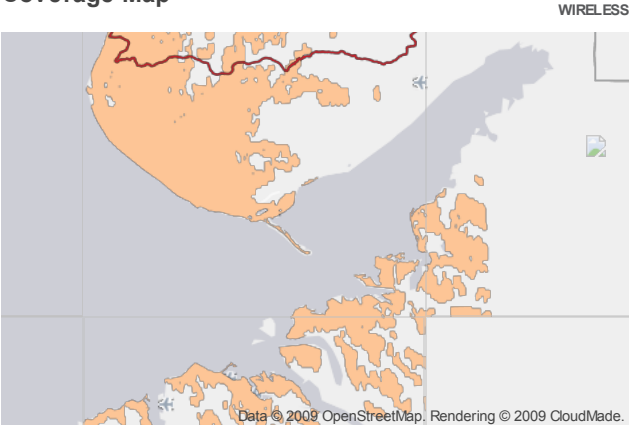
58.9% of population served

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 · API 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 · 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	4.4%	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 · API Call

Source · API 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 · API Call

Similar Providerby 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



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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

16,350

Housing Units

9,092

Total area (sq miles)

1,073

Population Density
(people per sq mile)

3

Most common advertised download speed

1.5 - 3

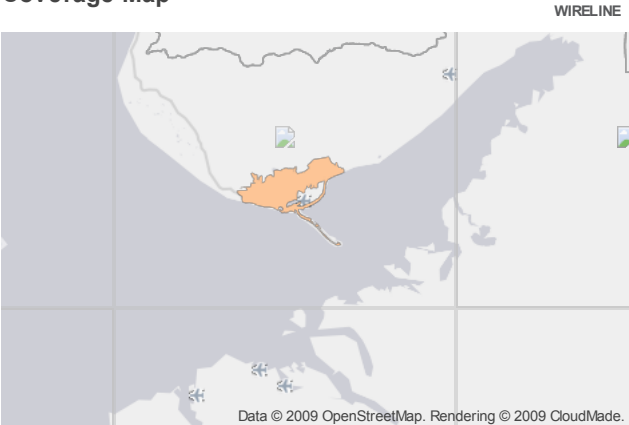
93.6% of population served

Most common advertised upload speed

768 - 1.5

93.6% 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.

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 · 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	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%	Source · API Call		
\$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					

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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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

Housing Units
5,306

Total area (sq miles)
229

Population Density
(people per sq mile)
7

Most common advertised download speed

10 - 25

51.9% of
population
served

Most common advertised upload speed

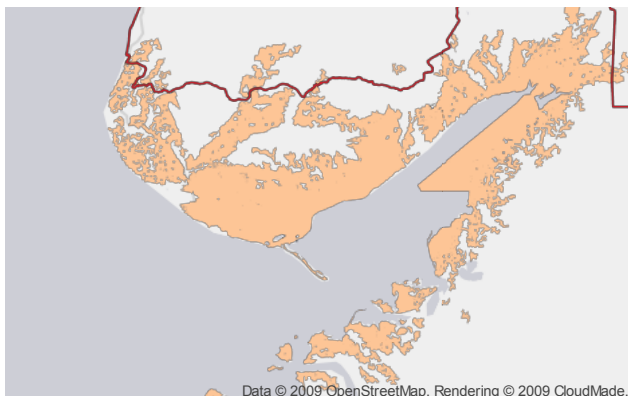
10 - 25

51.9% of
population
served

Methodology & Source

Coverage Map

WIRELESS



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 · API 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 · 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	4.9%	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 · API Call

Source · API 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 · API Call

Similar Providerby 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%
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

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.

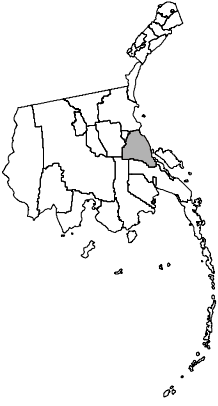


Connect America Fund
Phase 1 Eligible Areas

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
BETA Version
Submit questions or recommended changes to:
maps@connectak.org

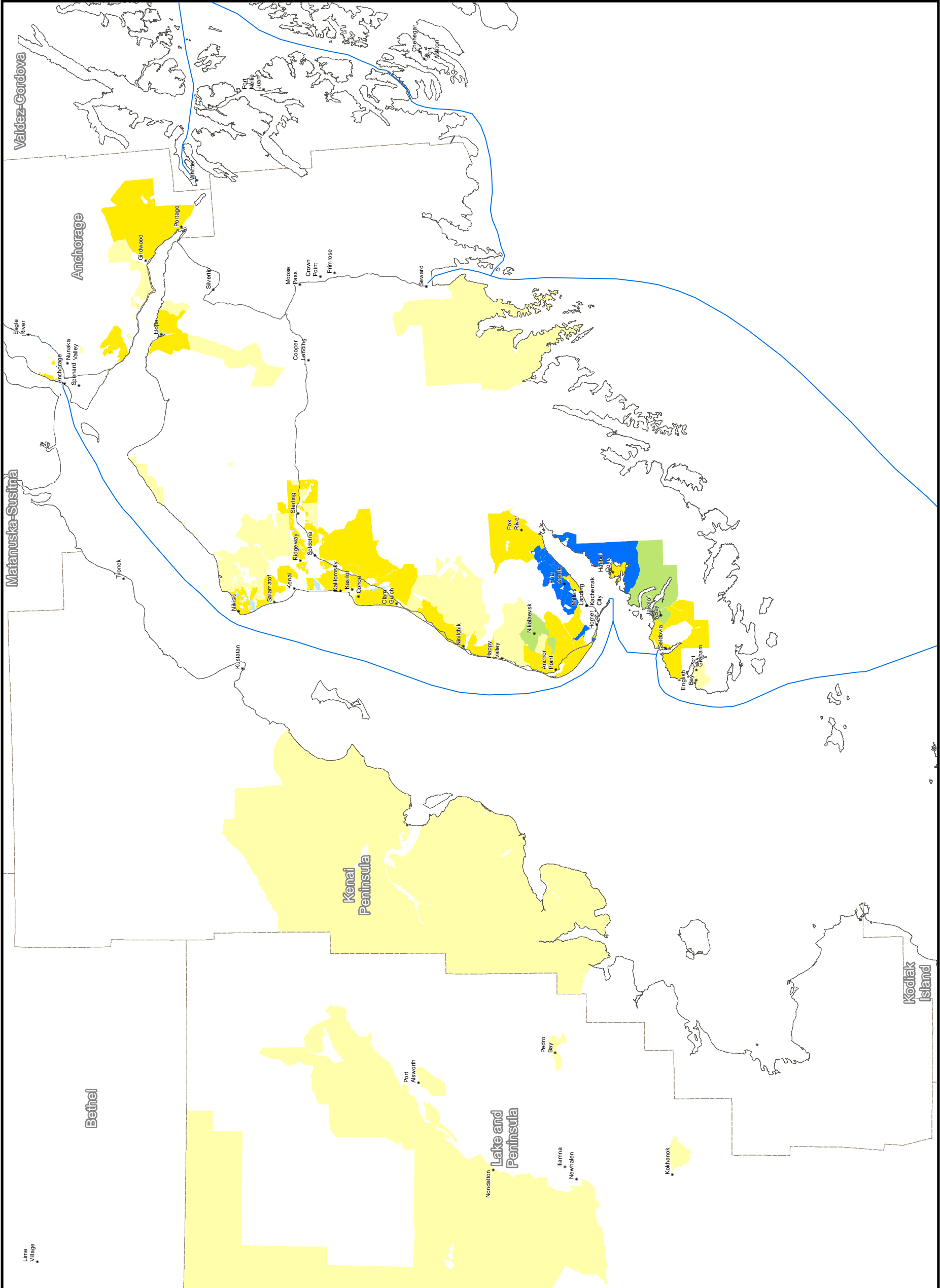


Symbology

- Populated Place
- Highway
- Secondary Road
- Borough/Census Area Boundary
- FCC Proposed Eligible Areas and Latest CN Data Agree
- Ununserved Areas
- Partially Served Areas
- Served Areas or Non-Price Cap Service Areas

- FCC Proposed Eligible Areas and Latest CN Data Inconsistent
- Phase I Data OVERESTIMATES Eligible Areas
- FCC Data - Unserved Areas, Latest CN Data - Partially Served
 - FCC Data - Unserved Areas, Latest CN Data - Fully Served
 - FCC Data - Partially Served Areas, Latest CN Data - Fully Served
- Phase I Data UNDERESTIMATES Eligible Areas
- FCC Data - Partially Served Areas, Latest CN Data - Fully Unserved

FCC eligible areas for Connect America Fund Phase I are based on data released by the FCC on December 10th, 2012. This dataset is based on April 2012 State Broadband Initiative (SBI) data submission. 3 Mbps download/768 Kbps upload speed tier dataset. Connected Nation data is based on the more recent October 2012 SBI data submission. 3 Mbps download/768 Kbps upload speed tier dataset. Comparisons across the two datasets are displayed at the census block level.



Analyze » Summarize

State » **Alaska**
County » **Kenai Peninsula**

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	6.2%	<div><div></div></div>	3.7%
1	45.5%	<div><div></div></div>	11.3%
2	48.3%	<div><div></div></div>	41.5%
3	0.0%	<div><div></div></div>	30.5%
4	0.0%	<div><div></div></div>	10.2%
5	0.0%	<div><div></div></div>	2.1%
6	0.0%	<div><div></div></div>	0.5%
7	0.0%	<div><div></div></div>	0.3%
8+	0.0%	<div><div></div></div>	0.1%

Source API Call

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

Source API Call

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

Source API Call

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

Source API Call

Broadband Speed Test (mbps)	Number of Tests	25* percentile	median speed (mbps)	75* percentile	Download Speed
Home	79	0.3	<div><div></div></div>	1.1	
Schools, Libraries, Community Centers	4	1.2	<div><div></div></div>	4.7	
Medium/Large Business	2		<div><div></div></div>	3.8	3.9

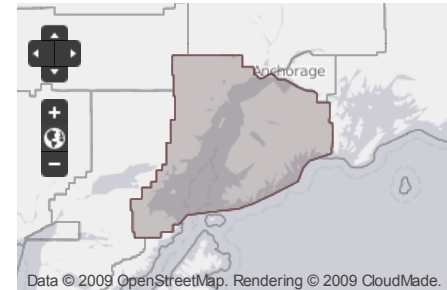
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Demographics

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

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

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

Income	Area (%)		Nationwide
Median income	\$55,011		\$54,929
Poverty rate	10.7%	<div><div></div></div>	15.8%
Below \$25k	26.4%	<div><div></div></div>	28.5%
\$25k-\$50k	27.7%	<div><div></div></div>	29.0%
\$50k-\$100k	33.1%	<div><div></div></div>	30.0%
\$100k-\$200k	11.7%	<div><div></div></div>	10.1%
\$200k or more	1.1%	<div><div></div></div>	2.4%

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

Source API Call

Small Business	11	1.0	3.3
Mobile	461	0.3	1.9
Other	2		4.3 4.4
Source	API Call		0 4.7

Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed
		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
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	

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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 API 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 API 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 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	98.4%	96.7%

Source API Call

Broadband Speed Test (mbps)	Number of Tests	25* percentile	median speed (mbps)	75* 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		

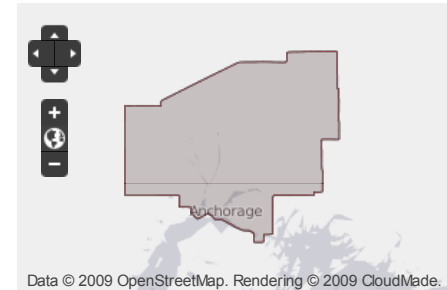
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Demographics

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 API Call

Small Business	59	0.8	3.6
Mobile	3,443	0.5	3.3
Other	14	1.9	6.4

Source API Call

0 22.2

Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed ▼
		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 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
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

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Analyze » Summarize

State » Alaska

Metropolitan Statistical Area » Fairbanks, AK 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	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 API 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 API 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 API 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 API Call

Broadband Speed Test (mbps)	Number of Tests	25* percentile	median speed (mbps)	75* 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		

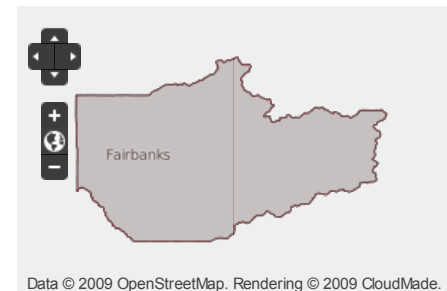
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Demographics

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 API Call

Small Business	5	1.0	<div><div></div></div>	3.0
Mobile	352	0.5	<div><div></div></div>	2.5
Other	0			
Source	API Call			
		0		19.9

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

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Analyze » Summarize

State » Alaska

State Legislative Districts Lower House » 035

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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%	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	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%

Source API Call

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%

Source API Call

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%

Source API Call

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

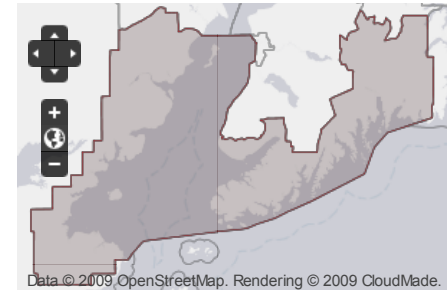
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Demographics

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

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%

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%

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

Source API Call

Small Business	9	1.3	<div><div></div></div>	3.3
Mobile	40	0.1	<div><div></div></div>	1.1
Other	0			
Source	API Call			
		0		11.8

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

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Analyze » Summarize

State » Illinois

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

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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* percentile	median speed (mbps)	75* percentile	Download Speed
Home	19,962	2.4		16.1	
Schools, Libraries, Community Centers	648	2.1		23.0	
Medium/Large Business	755	2.9		29.8	

83

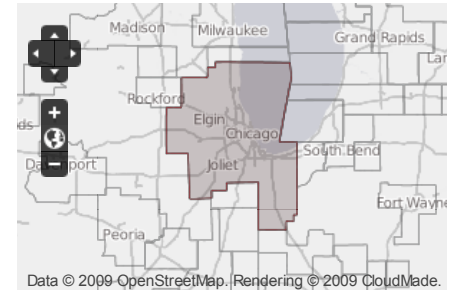
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Demographics

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	29.6%	24.6%

Source API Call

Small Business	1,103	1.4	<div><div></div></div>	14.0
Mobile	126,252	0.8	<div><div></div></div>	5.9
Other	146	1.0	<div><div></div></div>	7.9

Source API Call

0 29.8

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

Source API 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 fo...	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 API 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	\$58,777,306	\$0	\$58,777,306
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	\$68,686	\$274,741
Utopian Wireless Corporation	\$389,141	\$129,714	\$518,855

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Utopian Wireless Corporation	\$450,189	\$150,063	\$600,252
Utopian Wireless Corporation	\$190,780	\$63,594	\$254,374

TA-Grants

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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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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* percentile	median speed (mbps)	75* 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	

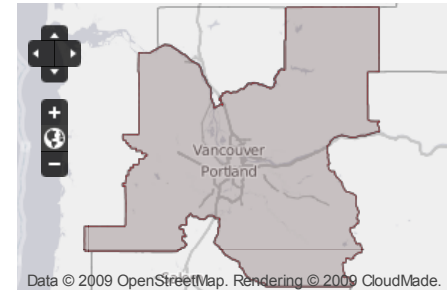
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Demographics

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

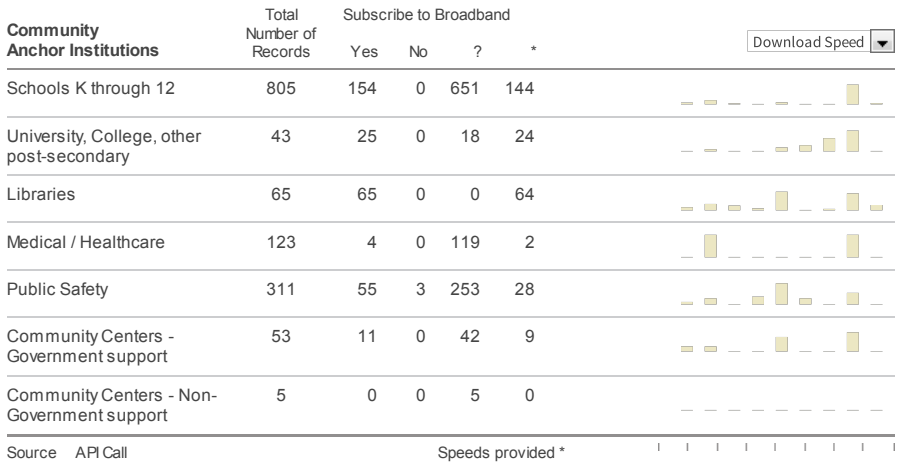
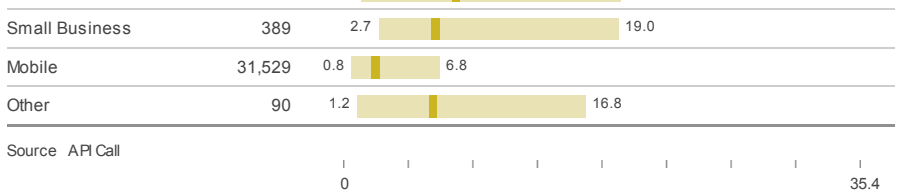
Age	Area (%)	Nationwide
under 5	5.1%	5.3%
5 - 19	19.8%	20.1%
20 - 34	19.2%	19.5%
35 - 59	34.9%	33.1%
60+	21.0%	22.1%

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



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 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			
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

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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		37.3	

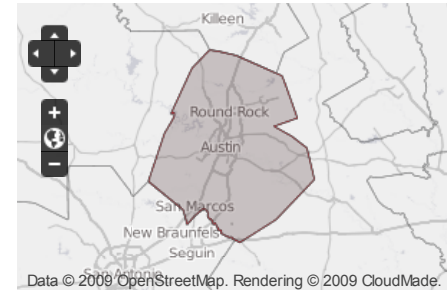
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Demographics

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

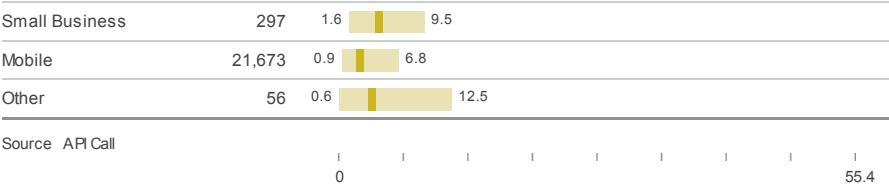
Age	Area (%)	Nationwide
under 5	5.7%	5.3%
5 - 19	20.8%	20.1%
20 - 34	20.6%	19.5%
35 - 59	35.2%	33.1%
60+	17.6%	22.1%

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



Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				Download Speed ▾
		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 Cooperat...	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 Servi...	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...	Latino 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	Learner 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	\$12,811,071	\$19,121,002

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Number of Wireline Providers	Percent Population	Nationwide
0	0.5%	3.7%
1	4.2%	11.3%
2	13.5%	41.5%
3	43.5%	30.5%
4	32.2%	10.2%
5	5.8%	2.1%
6	0.3%	0.5%
7	0.1%	0.3%
8+	0.0%	0.1%

Source API Call

Number of Wireless Providers	Percent Population	Nationwide
0	0.0%	0.4%
1	0.1%	1.6%
2	0.2%	4.1%
3	0.7%	7.2%
4	10.8%	28.8%
5	88.2%	26.6%
6	0.0%	16.9%
7	0.0%	6.3%
8+	0.0%	8.2%

Source API Call

Technology	Percent Population	Nationwide
DSL	84.7%	88.9%
Fiber	23.5%	17.8%
Cable	91.6%	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	100.0%	99.6%
Download > 3 Mbps, Upload > 0.768 Mbps	99.8%	96.7%

Source API Call

Broadband Speed Test (mbps)	Number of Tests	25* percentile	median speed (mbps)	75* percentile	Download Speed
Home	15,341	2.8	18.2		
Schools, Libraries, Community Centers	193	1.9	38.5		
Medium/Large Business	531	2.7	30.4		

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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 API Call

Small Business	781	1.4	<div><div></div></div>	12.3
Mobile	84,987	0.8	<div><div></div></div>	5.0
Other	128	1.3	<div><div></div></div>	21.7
Source	API Call			
		0		38.5

Community Anchor Institutions	Total Number of Records	Subscribe to Broadband				<div>Download Speed <div></div></div>
		Yes	No	?	*	
Schools K through 12	901	825	10	66	808	<div><div></div></div>
University, College, other post-secondary	79	53	0	26	52	<div><div></div></div>
Libraries	127	127	0	0	123	<div><div></div></div>
Medical / Healthcare	53	24	1	28	24	<div><div></div></div>
Public Safety	478	21	1	456	17	<div><div></div></div>
Community Centers - Government support	85	5	0	80	5	<div><div></div></div>
Community Centers - Non-Government support	223	3	0	220	3	<div><div></div></div>
Source	API 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		API 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

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

Updates »

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6. Information relevant to the survey the Commission discussed issuing to ‘work from home entrepreneurs.’



**CITY OF HOMER
CITY HALL**

MEMORANDUM

To: Economic Development Advisory Commission

From: Katie Koester, Community and Economic Development Coordinator

Date: March 6, 2013

Subject: Survey to Work from home Entrepreneurs

The purpose of this memo is to provide some context for the proposed survey to “work from home entrepreneurs” recommendation that came from the 1-10-13 EDC work session.

I have included in this packet some potential questions for an electronic survey (thank you Neil for your help on this). I think it is best to limit the survey to 10 questions both because that is what Survey Monkey will host free of charge and it makes it a brief form that is more likely to be filled out.

As I was working on the questions, it came to my attention that maybe the project could benefit from taking a step back to really pin point what information the survey is intended to deliver. Is the goal a basic profile of who the work from home entrepreneur is? How will the information that is collected be used? Would information on what the specific needs are to run successful stay at home business be useful? If that is the case, should questions be incorporated that pin point barriers and challenges? Should the survey be specific about the role the City can play in fostering the success of their business? For example, should questions like “what can the City do to help the success of your business” or questions about the helpfulness of City staff be asked?

It would be valuable to me if the commission took a few minutes to help answer the questions below.

What is the goal?

Who is the target audience?

How to reach the target audience? (by email, where do we get the emails from?)

What are we going to do with the information?

The more I thought about the type of questions to ask, the more valuable a survey of this nature seems to be for all business in Homer, regardless of if they are a “work from home” business or a traditional store front. A possible approach is to cast the net wide and develop a survey for all Homer businesses and then do sector specific follow ups. There are 1250 current business licenses that list Homer as the location. Because this represents a much larger project and greater amount of staff time, the Commission would need to bring the idea forward as a

recommendation to City Council and get their input. A proposal could include staff time, electronic survey services, and mailing expenses. Depending on the desired comprehensiveness of responses, it may warrant contracting with a professional firm that can draft analytical non-biased questions, provide the outreach and follow up, and analyze the results. Like many projects, it depends on how big you want to make it.

Recommendation (either one or both):

- 1) Continue to work on a survey for “work from home entrepreneurs” Commission members would need to help provide contact information for people they know that fit this category.
- 2) Forward a recommendation to City Council to direct staff to work on a survey to all businesses in Homer. This would include a small budget for outreach and electronic survey support.

Katie Koester

From: Katie Koester
Sent: Monday, April 22, 2013 10:40 AM
To: 'Adi Davis'; Bryan Zak; 'Lindianne Sarno'; Merry Maxwell; 'Nantia Krisintu'; 'Neil Wagner'; 'rocky.toni.ross@gmail.com' (rocky.toni.ross@gmail.com)
Cc: Melissa Jacobsen
Subject: Lone Eage Survey

Hi EDC,

I have drafted a email below for you to send to your techie “work from home” or “lone eagle” friends and colleagues (in blue). I suggest a more custom intro from you that includes a personal touch. Thanks for your help spreading the word. Katie

Sample intro:

Hi,

I am on the City of Homer Advisory Economic Development Commission and was hoping you could take a couple of minutes (I promise it is short) to fill out this survey we have drafted for high-tech entrepreneurs like yourself. Thanks for your help and input!

The City of Homer Advisory Economic Development Commission is looking at how to attract/foster “work from home entrepreneurs” in Homer and is conducting a short survey to help with that goal. You have been identified as a “work from home entrepreneur” by one of the Commission members.

A “work from home entrepreneur” has been defined as someone who is able to do their work anywhere in the world through the internet and other technologies. Another term that has been used to describe this type of entrepreneur is “lone eagle.” These professionals are an important sector of the community as they bring in new dollars and expertise.

The Commission is collecting information on what attracts “lone eagles” to our community and what infrastructure needs they have. This purpose of collecting this information is then to think of ways the community can grow and accommodate this sector.

If you could take a few minutes to fill out the survey online, it would be helpful in the Commission’s goals to promote economic development in Homer. Your answers are anonymous.

<http://www.surveymonkey.com/s/9GHD9Y9>

Thank you for taking the time to participate.

Sincerely,

Katie Koester

Staff to City of Homer Advisory Economic Development Commission

EDC Work From Home Entrepreneur

1. Where is the primary location of your business?

- ☐ Homer City Limits
- ☐ Greater Homer Area
- ☐ Anchor Point
- ☐ Kenai Peninsula Borough

Other (please specify)

2. How much bandwidth do you need for your business?

- ☐ 400k
- ☐ 2-4Mb
- ☐ 6-10Mb
- ☐ 15-25Mb
- ☐ 25+ Mb

3. What type of business are you in?

- ☐ Information
- ☐ Manufacturing
- ☐ Retail
- ☐ Service
- ☐ Agriculture
- ☐ Financial
- ☐ Real Estate
- ☐ Arts
- ☐ Transportation
- ☐ Other (please specify)

4. Where is your business' target market?

- ☐ Homer Region
- ☐ Kenai Peninsula Borough

- ☐ State of Alaska
- ☐ United States of America
- ☐ Global

5. What is the net income of your business?

- ☐ \$10,000
- ☐ \$25,000
- ☐ \$50,000
- ☐ \$100,000
- ☐ \$200,000+

6. How many years have you operated your business out of the Homer area?

- ☐ less than 1
- ☐ 1-2
- ☐ 2 - 5
- ☐ 5 - 10
- ☐ 10+

7. What do you see as the greatest challenge to your business?

- ☐ Access to capital
- ☐ Access to qualified employees
- ☐ Government regulations
- ☐ Lack of available resources in Homer

Other (please specify)

8. In your opinion, what could the City of Homer do to help your business?

9. What attracted you to Homer?

Done

Powered by **SurveyMonkey**
Check out our [sample surveys](#) and create your own now!

7. Google eCity designation press release and information.



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eCities Methodology

STAGE 1 – eCities Shortlist

To develop the eCities shortlist, Ipsos assembled a list of all US cities, broken down by population size. Google then added the AdWords data for each city to calculate the top five cities in each of the 50 states with the highest AdWords penetration relative to population size.

1. A list of all valid zip code areas and city names was created for each state with population data for each zip code area and city. Ipsos aggregated these zip codes to a city level to include both large and small populations within each city and also to prevent neighborhoods within the same city from dominating the list in each state.
2. Google created an AdWords penetration figure for each city, by dividing the total population of each city by the number of AdWords customers in that city.
3. If a city appeared in duplicate states the population and AdWords was aggregated and the city assigned to the state where its population was the largest.
4. Ipsos was then asked to conduct desk research in each of the top five AdWords penetration cities in each of the 50 states.

STAGE 2 – Business Scoring

5. Ipsos identified a random sample of 51 small and medium businesses (employing between 1 and 50 people) in each of the top 5 AdWords penetration cities from each state.
6. The 51 businesses were divided according to company size
 - Self-employed (1 employee) (n=17)
 - 2 to 10 employees (n=17)
 - 11 to 50 employees (n=17)
7. The profile of small businesses in each city was quota'd according to employee band to ensure an even distribution of each.
8. Each of the randomly selected businesses were then marked according to the following criteria:
 - Was it listed in an online directory (such as Yellowpages.com, manta.com and findthecompany.com)? (YES / NO)
 - Did it have its own website? (YES / NO)
 - Did it have a social network presence? (YES / NO)
 - Did its website allow eCommerce? (YES / NO)
 - [Directly within the site, there must be a section to purchase product / service offered]
 - Did it have a blog? [This can be a page within the company's website OR a page on a blogging site e.g. Tumblr / blogspot]



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business were aggregated to provide the city with a total score. The city with the highest score in each region was then awarded eCity status.

11. Scores were calculated as below:

Was it listed in an online directory? (YES / NO) [If Yes=1, if No=0]

Did it have its own website? (YES / NO) [If Yes=10, if No=0]

Did it have a social network presence? (YES / NO) [If Yes=5, if No=0]

Does its website allow eCommerce? (YES / NO) [If Yes=7, if No=0]

Did it have a blog? (YES / NO) [If Yes=3, if No=0]

How did the website (if it has one) score on www.howtogomo.com – Overall score and speed.

i Score = the score

ii Speed – If >0 and <=5 =3, if 0 or >5 = 0.

The total score was calculated by the sum of all yes/no scores +the average of the two howtogomo scores



GOOGLE DESIGNATES HOMER AS ALASKA'S 2013 eCITY

FOR IMMEDIATE RELEASE
August 20, 2013

CONTACT: Samantha Smith
press@google.com

Mountain View, CA: Innovative tech giant Google has named Homer as the 2013 eCity for the State of Alaska. The eCity Awards recognize the strongest online business community in each state - the new digital capitals of America. The businesses in these communities are embracing the web to find new customers, connect with existing clients and fuel their local economies. Homer joins the ranks of America's leading cities in the digital economy.

"Homer's growth and innovation in e-commerce is an example that other cities across the state can strive to replicate," said Scott Levitan, Director of Small Business Engagement at Google. "Google is proud to recognize this growing entrepreneurial spirit and the role it plays in creating jobs and sustaining local economies."

"The City of Homer is proud to be recognized as the strongest online business community in Alaska," said Mayor Mary E. Beth Wythe. "The hardworking small business owners in Homer have found the internet to be an innovative way to grow and flourish while still enjoying the wonderful quality of life living in Homer provides. Technologically savvy entrepreneurs looking for a great place to live, work and play are encouraged to consider Homer."

BACKGROUND:

Google and independent research firm, *Ipsos*, analyzed the online strength of local small businesses across all fifty states. They weighed a variety of factors to determine the leading cities and towns across the US, including the likelihood of small businesses to have a website, use a blog, promote themselves on a social network, sell goods directly from their webpages and whether they had a mobile-friendly website. The winning cities exhibited strong engagement and potential for growth within the digital economy. For more information visit www.google.com/ecities.

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City of Homer

www.cityofhomer-ak.gov

Economic Development

491 East Pioneer Avenue
Homer, Alaska 99603

(p) 907-435-3101

(f) 907-235-3148

Memorandum

TO: Mayor Wythe and Homer City Council
FROM: Advisory Economic Development Commission
DATE: November 15, 2013
SUBJECT: Status update on Resolution 12-041

The Advisory Economic Development Commission has been working under the direction of Resolution 12-041, passed by the City Council in May of 2012 to give further instruction to the Economic Development Commission on priorities from the Comprehensive Economic Development Strategy (CEDS). Resolution 12-041 asked the Commission to focus on and provide recommendations regarding the implementation strategies including timetables, responsible parties and funding sources for the following priorities:

- Affordable Housing
- Voc-Tec or Marine Tech training and education
- Market Homer for High Tech Business
- Downtown Vitalization
- Expand Water and Sewer Distribution Systems and the Number of Customers
- Expand Shoulder Season Sports
- Promote Homer as an Agricultural Center

The purpose of this memo is to update the Council on the status of their work. The Commission has thoughtfully considered each topic and decided to eliminate certain topics for the following reasons:

- Downtown Vitalization. According to the CEDS, downtown vitalization refers primarily to Town Center. The EDC felt that at this point community interest and momentum in Town Center is lacking. The EDC will continue to look into suggestions for Downtown beyond specifically Town Center development.
- Expand Water and Sewer Distribution System and the Number of Customers. The EDC felt infill and expansion of the water sewer system is not directly related to economic development and therefore outside the scope of the Economic Development Commission.

The EDC has begun work on a number for the topics listed in Resolution 12-041 and will be coming to the Council with specific recommendations and implementation strategies in the coming months. The EDC welcomes any further recommendations or suggestions from Council regarding the remaining economic development directives in Resolution 12-041.