

QUARTERLY PERFORMANCE PROGRESS REPORT FOR SUSTAINABLE BROADBAND ADOPTION

General Information		
1. Federal Agency and Organizational Element to Which Report is Submitted Department of Commerce, National Telecommunications and Information Administration	2. Award Identification Number 02-43-B10566	3. DUNS Number 615245164
4. Recipient Organization University of Alaska, Fairbanks Administrative Services CTR RM 109, Fairbanks, AK 99775		
5. Current Reporting Period End Date (MM/DD/YYYY) 12-31-2011	6. Is this the last Report of the Award Period? <div style="text-align: center;"> <input type="radio"/> Yes <input checked="" type="radio"/> No </div>	
7. Certification: I certify to the best of my knowledge and belief that this report is correct and complete for performance of activities for the purposes set forth in the award documents.		
7a. Typed or Printed Name and Title of Certifying Official John Monahan	7c. Telephone (area code, number and extension) <hr/> 7d. Email Address jdmonahan@alaska.edu	
7b. Signature of Certifying Official Submitted Electronically	7e. Date Report Submitted (MM/DD/YYYY): 02-20-2012	

Project Indicators (This Quarter)**1. Please describe significant project accomplishments completed during this quarter (600 words or less).**

Highlights of accomplishments by partners of the Broadband Technology Opportunity Program, Sustainable Broadband Adoptions "Bridging the E- Skill Gap in Alaska" project include:

- 13 professionals completed the broadband awareness graduate course offering through the University of Alaska Fairbanks
- Equipment for Alaska Distance Education InCommon Federation is installed in the server rooms and being tested
- Equipment for the Alaska Mediasite is installed in the server room and being tested

Alaska Pacific University

- Completed the Fall semester MBA courses with 14 graduate students

Alaska Library Network

- Live Homework Help has increased by 100% while the Testing and Education Reference Center has increased by 44%
- Distributed 46,000 stickers promoting Live Homework Help and the Testing and Education Reference Center

KACN-TV Communication Center

- Broadcast 671 partner commercials and 2 hours of BASC content (valued at \$30,550)
- Produced and began broadcasting three commercials for Alaska Pacific University MBA Program
- Produced first episode of Alaska Community News featuring a report from Barrow Arctic Science Consortium, Alaska Pacific University Masters in Business Administration Program and Alaska Vocational Technical Education-Village Internet Agent Program

Alaska Post Secondary Commission

- The Alaska College & Career Advising Corps opened its third location (first rural location) at Bethel Regional High School and is providing training sessions in using the web based Alaska Career Information Systems to all high school juniors and seniors

Alaska Injury Prevention Center

- YouTube videos on the AIPC YouTube channel were viewed 2963 times from October 1, - December 31, 2011. The videos were viewed 295 times in Alaska.
- Favorite videos were those produced in Brevig Mission, Aniak, Bethel, White Mountain, Anchorage and Kotzebue.
- Videos were viewed 75% on a computer and 17% on a mobile device.
- Videos included topics such as underage drinking prevention (written and produced by Alaskan teens) and safe use of ATV and snow machines

Digital Storytelling

- Trainings and awareness activities conducted with Alpenglow Elementary School in Eagle River, Angoon City Schools in Angoon, Haines Borough School District in Haines, Pre-K Title I teacher inservice for statewide teachers in Anchorage

Family Centered Services of Alaska

- Utilizing video-conference locations in Fairbanks and MatSu for staff meetings, parental visits, and virtual education field trips for the minimum security "residents" of the Boys and Girls Home of Alaska

Alaska Native Tribal Consortium

- Received national accreditation from the American Telemedicine Association for the telemedicine course being offered. The 4th training program in the country to receive this accreditation.
- Increased student enrollment to 20 for the second telemedicine course

Alaska Vocational Technical Education Center

- Began training a second group of 11 students who started the Instructional Technology program
- Promoted students who graduate in May to potential employers and partners such as GCI, Kawerak, and Native Corporations

Alaska State Hospital and Nursing Home Association

- Provided information to all hospitals on the new, live Alaska CACHE website which serves as a clearinghouse for continuing education classes for health professionals in Alaska
- Maintain a monthly calendar of educational offerings delivered by video-conference for hospitals that are part of Alaska Rural Telehealth Network

Barrow Arctic Science Consortium

- Facilitated and recorded Schoolyard Saturday presentations
- Began streaming from field research sites

2. Please provide the percent complete for the following key milestones in your project. Write "0" in the Percent Complete column and "N/A" in the Narrative column if your project does not include this activity. If you provided additional milestones in your baseline report, please insert them at the bottom of the table. Figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please provide a narrative description if the percent complete is different from the target provided in your baseline plan (300 words or less).

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2.a.	Overall Project	42	n/a
2.b.	Equipment / Supply Purchases	-	Progress reported in Question 4 below
2.c.	Awareness Campaigns	-	Progress reported in Question 4 below
2.d.	Outreach Activities	-	Progress reported in Question 4 below
2.e.	Training Programs	-	Progress reported in Question 4 below
2.f.	Other (please specify):	-	Progress reported in Question 4 below

3. Please describe any challenges or issues faced during this past quarter in achieving planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

Broadband remains unavailable in rural Alaska. Internet connectivity is available in rural Alaska (56k - 256k), but a consistent connection that meets the minimum federal definition of broadband (786k) is not accessible.

The Sustainable Broadband Adoption project is exceeding the expectation goal of generating awareness and desire for broadband. However access to internet connectivity continues to remain elusively unavailable to the general public.

Several Broadband Opportunity Infrastructure projects are approaching a stage of completion that will be coming on line and offer promise of access for residence, but the services are not active yet. When broadband becomes available the cost of connecting to the service will be the second challenge.

4a. In the chart below, please provide the requested information on your BTOP grant-funded SBA activities. Please also provide a short description of the activity (600 words or less). Figures should be reported cumulatively from award inception to the end of the most recent reporting quarter. Please ensure that the numbers of new household subscribers and business or community anchor institution (CAI) subscribers reflected in the "Total" row represent the unduplicated number of new subscribers that can be attributed to your SBA project as a whole.

Name of the SBA Activity	Location of SBA Activity	Description of Activity (600 words or less)	Size of Target Audience	Actual Number of Participants	New Subscribers: Households	New Subscribers: Businesses and/or CAIs
Prior Quarter Total	Alaska-wide	cumulative activity totals from prior quarters	6,710	6,710	0	0
Digital Storytelling	Hanes, Alaska	presentations focused on digital storytelling and education. One hundred and thirty four students, 9 staff and 16 parents participated in the instruction and presentations for a combined total of 159 affected (Nov. 28 - 31)	159	159	0	0
Digital Storytelling	Alaska-wide	taught a digital storytelling class to 14 Pre-K Title I teachers from around the state in Anchorage, Alaska. Brett modeled how to use iPads, iPhones and cameras for staff to instruct parents on using digital media with their children for storytelling, and how to share that media with friends and relatives across Alaska and the world via email attachments, blogs, other websites and YouTube. (December 6)	31	31	0	0
Alaska Library Network	Alaska-wide	6,802 tutoring sessions were provided with the Live Homework Help service in Sept. Oct. Nov. and Dec. 2011	6,802	6,802	0	0
Alaska Library Network	Alaska-wide	1,479 sessions with the Testing and Education Reference Center were conducted in Sept. Oct. and Nov. 2011	1,479	1,479	0	0
KACN-TV	Alaska-wide	broadcast 671 commercials for grant partners and broadband promotional announcements	671	671	0	0

Name of the SBA Activity	Location of SBA Activity	Description of Activity (600 words or less)	Size of Target Audience	Actual Number of Participants	New Subscribers: Households	New Subscribers: Businesses and/or CAIs
AK Tribal Health Consortium	Alaska-wide	30 participants in the two 10-week course on Telehealth Fundamentals	30	30	0	0
AVTEC	Alaska-wide	5 participants in the Spring VIA training	5	5	0	0
AVTEC	Alaska-wide	Promotional presentation and advertising for broadband at the Alaska Village Corporations Annual Conference and Board meeting	120	120	0	0
Alaska Injury Prevention	Alaska-wide	Train-the-trainer as health and wellness advocates (analyzing media messages, creating media to share stories on healthy living and how to make them available to others through out Alaska and the world via internet.	19	19	0	0
Alaska Library Network	Valdez, Alaska	conducted two training sessions on the use of Testing and Education Reference Center	42	42	0	28
Digital StoryTelling	Angoon, Alaska	Participants learned how to make their stories into podcasts and share them with family and friends in Alaska the the "lower 48" using broadband. (November 1-3 and 8-9)	76	76	0	0
Alaska Department of Education	Alaska-wide	Presented and opened Alaska's Digital Sandbox to all 54 Alaska school districts to provide tools for upload and sharing of web curriculum content	54	54	0	0
Alaska Department of Education	Juneau, Alaska	Presented and trained Department of Education staff on the Digital Sandbox (Oct. 3)	52	52	0	0
Alaska Department of Education	Alaska-wide	Presented and trained the Alaska Society for Technology in Education board members in the use of the Alaska Digital Sandbox (Oct. 4)	23	23	0	0
Alaska Department of Education	Alaska-wide	Presented to the Superintendents Fly-In hosted by the Alaska Council of School Administrators in the use of the Alaska Digital Sandbox (Oct. 7)	78	78	0	0
Alaska Department of Education	Alaska-wide	Presented to Alaska Tech-Prep Consortium hosted by the University of Alaska Fly-In the use of the Alaska Digital Sandbox (Oct. 11)	18	18	0	0
Alaska Department of Education	Alaska-wide	Presented to Alaska State Charter Schools Conference hosted by Highland Tech Charter school in the use of the Alaska Digital Sandbox (Oct. 15)	32	32	0	0
Alaska Department of Education	Alaska-wide	Presented to the Alaska Principals Conference hosted by the Alaska Council of School Administrators in the use of the Alaska Digital Sandbox (Oct. 18)	250	250	0	0
Alaska Department of Education	Klukwan, Alaska	Presented and trained the Klukwan High School staff in the use of the Alaska Digital Sandbox (Nov. 3)	8	8	0	0
Alaska Department of Education	Washington, DC	Presented the Alaska Digital Sandbox to the State Ed Tech Directors Association (SETDA) (Nov. 8)	125	125	0	0
Alaska Department of Education	Alaska-wide	Presented to the Alaska's Learning Network Executive Board hosted by the Alaska Council of School Administrators (Dec. 6)	16	16	0	0
Alaska Department of Education	Alaska-wide	Follow-up training to the School District Ed Tech Coordinators hosted by the Department of Education (Dec. 8)	23	23	0	0
University of Alaska Fairbanks	Alaska-wide	13 professionals completed the broadband awareness graduate course (Fall semester)	13	13	0	0
Alaska Post Secondary Commission	Alaska-wide	Hosted 15 distance training session on the Alaska Career Information System (AKCIS) between Oct - Dec.	75	75	0	0
Alaska Post Secondary Commission	Bethel Regional High School	The Bethel Regional High School College & Career Guide worked with 20 students to film a video project where students developed an interview plan and filmed an interview with recent college graduates that work with the Tundra Women's Coalition. Students will be completing a video editing project through these interviews to be posted on You Tube. The goal of the project is to increase the knowledge and benefits of pursuing a postsecondary certificate and/or degree – ultimately relating to an increase in aspirations to go to college or attend a training program.	20	20	0	0

Name of the SBA Activity	Location of SBA Activity	Description of Activity (600 words or less)	Size of Target Audience	Actual Number of Participants	New Subscribers: Households	New Subscribers: Businesses and/or CAIs
Alaska Injury Prevention Center	Alaska-wide, outside of Alaska	YouTube videos on the AIPC YouTube channel were viewed 2963 times from October 1, 2011-December 31, 2011. The videos were viewed 295 times in Alaska.	2,963	2,963	0	0
Total:			19,894	19,894	0	28

4b. Please describe your method for determining the number of households, businesses, and/or (CAIs) subscribing to broadband as a result of your SBA programs (600 words or less).

Quantitative and qualitative data, based on voluntary telephone and satellite company service subscription data, Alaska BIP/BTOP Infrastructure project reports, 4 doctoral dissertation preliminary findings, SBA partner interviews, school district technology Director interviews, 5,000 Ookla.com speed test results for rural Alaska, 200 results of an online survey replicating a study conducted by Connected Alaska, Department of Education Title II annual report and survey results and University of Alaska Video Conference Services annual report of services has been analyzed and is continuously being triangulated for validity against secondary sources of confirmatory data (findings are being presented to small technology/broadband focus groups to determine if the findings appear valid and pass the "red-face test" and to glean any additional sources of broadband access availability that can be gathered). The SBA project has contracted with an outside evaluator to confirm the findings and produce a publishable annual performance report that will be released in mid March.

4c. Please provide a narrative explanation if the total number of new subscribers is different from the targets provided in your baseline plan (600 words or less).

Quantitative and qualitative data has been analyzed and secondary sources of confirmation data is being solicited and triangulated with preliminary findings in order to validate the conclusions. The SBA project has contracted with an outside evaluator to confirm the findings and produce a publishable annual performance report that will be released in mid March.

Broadband remains unavailable in rural Alaska. The SBA project is accomplishing the goal of generating awareness and desire for broadband, but access to internet connectivity continues to remain elusively unavailable to the general public in bush Alaska.

Several BTOP Infrastructure projects are close to coming online and offer promise of access for residence, but the services are not active yet. Cost of connecting to the service will be the second challenge when it is available.

4d. Please provide the number of households and the number of businesses and CAIs receiving discounted broadband service as result of BTOP funds.

Households: 0

Businesses and CAIs : 0

Project Indicators (Next Quarter)

1. Please describe significant project accomplishments planned for completion during the next quarter (600 words or less).

Anticipated accomplishments by partners of the BTOP SBA "Bridging the eSkill Gap in Alaska" project include:

Alaska Pacific University

- promote the distance delivered program for the Spring semester

Alaska Library Network

- broaden training programs to local librarians

KACN-TV Communication Center

- broadcast partner commercials

Alaska Post Secondary Commission

- The College & Career Guide at Bethel Regional High School is developing and will implement in Fall 2012 a program that provides students, parents, teachers and administrators access to someone through a variety of methods (chat, e-mail, video conference, video chat), occasional face to face interaction with students and counselors, and enhanced web and print-based college and career resources.

Alaska Tech Prep

- Provide dual credit health course offerings to qualified students

Alaska Injury Prevention Center

- promote awareness of the BTOP project and youth created media on AIPC's webpage

Digital Storytelling

- training planned for the following locations - Nome, Kotzebue, Juneau, Eagle River, Unalakleet, Angoon, Anchorage, Gustavus, and Mt. Edgecumbe in Sitka

Alaska Vocational Technical Education Center

- restructure and broaden course and training opportunities

Alaska State Hospital and Nursing Home Association

- promote the Mediasite training and recorders to the hospital staff

Barrow Arctic Science Consortium

- facilitate Schoolyard Saturday presentations
- stream content from field research sites.

2. Please provide the percent complete anticipated for the following key milestones in your project as of the end of the next quarter. Write "0" in the second column if your project does not include this activity. If you provided additional milestones in your baseline report, please insert them at the bottom of the table. Figures should be reported cumulatively from award inception to the end of the next reporting quarter. Please provide a narrative description if the planned percent complete is different from the target provided in your baseline plan (300 words or less).

	Milestone	Percent Complete	Narrative (describe reasons for any variance from baseline plan or any other relevant information)
2.a.	Overall Project	55	delays in partner expenditures, implementation of the mobile lending library and personnel savings are reasons for the variance in the baseline projection and the next quarter projections.
2.b.	Equipment Purchases	-	Milestone Data Not Required
2.c.	Awareness Campaigns	-	Milestone Data Not Required
2.d.	Outreach Activities	-	Milestone Data Not Required
2.e.	Training Programs	-	Milestone Data Not Required
2.f.	Other (please specify):	-	Milestone Data Not Required

3. Please describe any challenges or issues anticipated during the next quarter that may impact planned progress against the project milestones listed above. In particular, please identify any areas or issues where technical assistance from the BTOP program may be useful (600 words or less).

It is anticipated that some broadband (or lower speed internet access) will become available in rural Alaska which is essential for reaching the residential subscribership goal of the project. While not having general residential access to broadband the project will energetically continue to promote awareness and training activities in regions that anticipate eventually receiving connectivity.

Beyond the issue of not being in the position to provide broadband infrastructure there are no anticipated challenges or issues that can not be creatively addressed by the Alaska BTOP SBA project.

Sustainable Broadband Adoption Budget Execution Details

Activity Based Expenditures (Sustainable Broadband Adoption)

1. Please provide details below on your total budget, cumulative actual expenditures (for the period ending the current quarter), and cumulative anticipated expenditures (for the period ending next quarter) for each line item, including detailed disbursements of both matching funds and federal funds from project inception through end of this quarter (actual) or next quarter (anticipated). Actual and anticipated figures should be reported cumulatively from award inception to the end of the applicable reporting quarter.

Budget for Entire Project				Actuals from Project Inception through End of Current Reporting Period			Anticipated Actuals from Project Inception through End of Next Reporting Period		
Cost Classification	Total Cost (plan)	Matching Funds (plan)	Federal Funds (plan)	Total Cost	Matching Funds	Federal Funds	Total Costs	Matching Funds	Federal Funds
a. Personnel	\$1,725,115	\$266,250	\$1,458,865	\$424,876	\$177,637	\$247,239	\$517,876	\$210,637	\$307,239
b. Fringe Benefits	\$740,803	\$98,512	\$642,291	\$196,474	\$76,130	\$120,344	\$226,474	\$76,130	\$150,344
c. Travel	\$51,082	\$0	\$51,082	\$47,276	\$0	\$47,276	\$57,276	\$0	\$57,276
d. Equipment	\$171,750	\$0	\$171,750	\$96,089	\$0	\$96,089	\$106,089	\$0	\$106,089
e. Supplies	\$613,015	\$75,000	\$538,015	\$138,654	\$30,667	\$107,987	\$148,654	\$30,667	\$117,987
f. Contractual	\$2,685,150	\$1,727,775	\$957,375	\$1,646,566	\$830,615	\$815,951	\$2,246,566	\$1,230,615	\$1,015,951
g. Construction	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
h. Other	\$187,500	\$182,500	\$5,000	\$79,908	\$60,000	\$19,908	\$99,908	\$80,000	\$19,908
i. Total Direct Charges (sum of a through h)	\$6,174,415	\$2,350,037	\$3,824,378	\$2,629,843	\$1,175,049	\$1,454,794	\$3,402,843	\$1,628,049	\$1,774,794
j. Indirect Charges	\$793,069	\$72,901	\$720,168	\$303,740	\$855	\$302,885	\$399,740	\$855	\$398,885
k. TOTALS (sum of i and j)	\$6,967,484	\$2,422,938	\$4,544,546	\$2,933,583	\$1,175,904	\$1,757,679	\$3,802,583	\$1,628,904	\$2,173,679

2. Program Income: Please provide the program income you listed in your application budget and actuals to date through the end of the reporting period.

a. Application Budget Program Income: \$0	b. Program Income to Date: \$0
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