

Alaska OWL (Online With Libraries)

Overview and Progress Report

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OWL Project Sponsors

- US Department of Commerce BTOP
- Bill & Melinda Gates Foundation
- Rasmuson Foundation
- Alaska State Library



BILL & MELINDA
GATES *foundation*



OWL Targets

- Improved bandwidth for 67 libraries with no broadband
- Videoconferencing network of 97 public libraries
- Public access computer and videoconferencing equipment for all public libraries
- Training for all with hired IT aides for libraries open less than 20 hours



Broadband-What Is It?

- U.S. Department of Commerce: 786kbps download, 200kbps upload
- American Library Association & Owl Project : 1.5 Mbps down and up
- National Broadband Plan: 1 Gbps for Community Anchor Institutions

Broadband : a fast connection to the Internet that is always on. It allows you to send emails, surf the web, download images and music, watch videos, join a web conference, and much more



What Broadband Does

How much faster is broadband compared to dial-up?

How much time does it take to download....						
	Dial-Up (56Kbps)	ISDN (128Kbps)	Cable/DSL (512Kbps)	Cable/DSL (1.5Mbps)	Cable/DSL (6Mbps)	Cable/Fiber (20Mbps)
A Web Page (150Kb)	27 seconds	12 seconds	2 seconds	1 second	0.2 seconds	0.05 seconds
An Audio File (6Mb)	11.5 minutes	5 minutes	1 minute	26 seconds	8 seconds	2.4 seconds
A Movie (800Mb)	27.5 hours	12 hours	1 hour	31 minutes	18 minutes	5 minutes



\$ Broadband Costs \$

~ \$800,000 (2013)

Local + OWL



E-Rate (Universal Service Fund)
60 - 90%

~ \$2.9 million (2013)



PROGRESS TO DATE

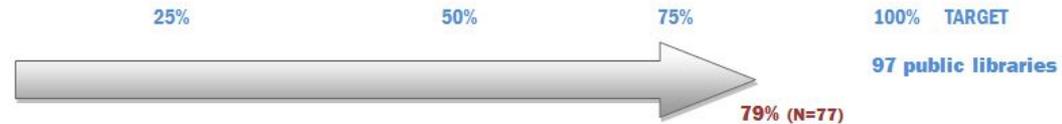


Department of Commerce BTO Grant # 02-42-B10560 PROGRESS REPORT Sept. 19, 2012

BANDWIDTH IMPROVEMENT



PUBLIC COMPUTING CENTER EQUIPMENT



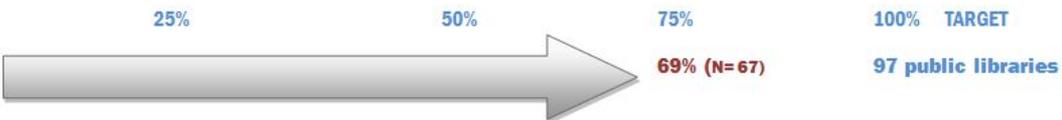
VIDEOCONFERENCING EQUIPMENT AND SERVICES



INTERNET TECHNOLOGY AIDES



VIDEO AND INTERNET TECHNOLOGY TRAINING



Note: Public libraries with less than targeted bandwidth cannot receive equipment until broadband-level achieved.



**For Each
Community, Its
Own Solution**



Library Broadband Installations



Library Broadband Installations

- Project identified 69 libraries which needed a broadband upgrade.
- Target Broadband of 1.5mbps (symmetrical)
- As of Sept. 19, 2012, 53 libraries have been completed.



OWL Computer Equipment



Equipment

- 147 Desktop computers have been purchased
- 171 Laptops have been purchased
- 38 Public Computing Centers now in operation



OWL Videoconferencing



OWL Videoconferencing

- 60 Video conferencing units have been purchased
- 45 Endpoints in operation
- 312 Video conferences have taken place since Sept. 30, 2011

Types of VTC (Job Interviews, Distance Ed, Professional Development writers workshop, Author Presentations etc.)



OWL Training



Training

- OWL has delivered over 3526 hours of training over the past 11 months
- 27 new jobs have been created as a result of OWL Project.
- Training has been delivered via webinar, videoconferencing, face to face and audio conferencing.



Library Responses

“This is the most incredible thing that has happened to our library since we got our first computer. I can't thank everyone involved. Your time, money, effort, and dedication have created a network that must be sustained.”

Kay Thomas – Cooper Landing

