

**ANNUAL PERFORMANCE PROGRESS REPORT FOR SUSTAINABLE BROADBAND ADOPTION**

**General Information**

<b>1. Federal Agency and Organizational Element to Which Report is Submitted</b> Department of Commerce, National Telecommunications and Information Administration	<b>2. Award Identification Number</b> 11-43-B10536	<b>3. DUNS Number</b> 022555952
<b>4. Recipient Organization</b> District Of Columbia Government 441 4th Street NW, Suite 707 N, Washington, DC 20001-2714		
<b>5. Current Reporting Period End Date (MM/DD/YYYY)</b> 12-31-2012	<b>6. Is this the last Annual Report of the Award Period?</b> <p style="text-align: center;"> <input type="radio"/> Yes    <input checked="" type="radio"/> No                 </p>	
<b>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.</b>		
<b>7a. Typed or Printed Name and Title of Certifying Official</b>  Joseph Carella  BTOP Program Consultant	<b>7c. Telephone (area code, number and extension)</b> 2027153743	
	<b>7d. Email Address</b> joe.carella@dc.gov	
<b>7b. Signature of Certifying Official</b> Submitted Electronically	<b>7e. Date Report Submitted (MM/DD/YYYY):</b> 02-20-2013	

**PROJECT INDICATORS**

**1. Does your Sustainable Broadband Adoption (SBA) project foster a particular broadband technology or technologies? If so, please describe this technology (or technologies) (600 words or less).**

For Office of the Chief Technology Officer's (OCTO's) Sustainable Broadband Adoption (SBA) grant, "DC Broadband Education Training and Adoption" (DC-BETA), there are no specific broadband technologies advocated. The training programs have been offered by two primary sub-recipients, University of the District of Columbia Community College (UDC-CC) and District of Columbia Public Library (DCPL). Both offer skills development programs for internet use; for seeking and obtaining jobs; and for use of computer tools, such as Microsoft Office. Both entities have offered individual household subscriber programs, as well. In addition, a third sub recipient, Latino Economic Development Corporation, was awarded a sub-grant late in 2012 to offer business training and business subscriber programs to small Latino businesses, and other under-served communities, in District of Columbia; that program will commence in 2013. Finally, OCTO is leading a final wave of individual subscriber programs to complete the DC-BETA program goals.

There are no specific broadband technologies advocated. Training and subscriber programs are focused on generic broadband and internet use. (At UDC-CC, there are specific technology training courses offered, but those are for specific job training, and not related to broadband technologies.) In addition, UDC-CC has enrolled eighty-two (82) new household internet subscribers under the Comcast Internet Essentials program.

For DCPL, students who successfully complete certain training courses received free IBM-compatible desktops, and students who qualify as low income receive free Cricket modems and one-year subscriptions to Cricket wireless.

**2a. Please list all of the broadband equipment and/or supplies you have purchased during the most recent calendar year using BTOP grant funds or other (matching) funds, including any customer premises equipment or end-user devices. If additional space is needed, please attach a list of equipment and/or supplies. Please also describe how the equipment and supplies have been deployed (100 words or less).**

Manufacturer	Item	Unit Cost per Item	Number of Units	Narrative description of how the equipment and supplies were deployed
Various	Refurbished desktop computers	75	941	District of Columbia Public Library (DCPL) uses a training provider, Byte Back, to deliver program content. Byte Back gives vouchers to students who pass each course. Students redeem the voucher at First Time Computers, receiving a refurbished desktop system of their choice, selected from available inventory.
Cricket	Modems	349	877	Byte Back, District of Columbia Public Library's (DCPL's) training provider, supplies a list of low-income students who pass each course to DCPL. DCPL project manager forwards the list to Cricket, which in turn returns a modem for each student back to DCPL project manager. DCPL project manager sends the modems to the appropriate neighborhood library branch, where library staff distribute the modems to students. (Cost includes one year of Internet service.)
Hewlett-Packard	625-V Series Laptops	420	200	University of the District of Columbia Community College (UDC-CC) has distributed 200 laptops to training participants who completed all Career and Technical Education (CTE) training, and are recipients of Temporary Assistance to Needy Families (TANF).
<b>Totals</b>		844	2,018	

Add Equipment

Remove Equipment

**2b. To the extent you distribute equipment/supplies to beneficiaries of your project, please describe the equipment/supplies you distribute, the quantities distributed, and the specific populations to whom the equipment/supplies are distributed (600 words or less).**

Through 2012, District of Columbia Public Library (DCPL) distributed 941 refurbished computers and 877 modems. Equipment was distributed to graduates of classes offered; any student receiving a modem must be qualified as low-income. In addition, DCPL trained 233 Spanish-speaking residents; of those, equipment was distributed to 191 residents.

University of the District of Columbia Community College (UDC-CC) distributed 200 new HP laptops to recipients who completed all Career and Technical Education (CTE) training defined by the program, and who qualified under one of the following federal assistance programs: recipients of Temporary Assistance to Needy Families (TANF) or food stamps; individuals who were parents of children in free or reduced lunch programs; or students who were qualified as Pell grant recipients.

**3. For SBA access and training provided with BTOP grant funds, please provide the information below. Unless otherwise indicated in the**

instructions, figures should be reported cumulatively from award inception to the end of the most recent calendar year. For each type of training (other than open access), please count only the participants who completed the course.

Types of Access or Training	Number of People Targeted	Number of People Participating	Total Training Hours Offered
Open Lab Access	0	0	0
Multimedia	0	0	0
Office Skills	735	420	20,160
ESL	0	0	0
GED	0	0	0
College Preparatory Training	5,651	2,813	103,450
Basic Internet and Computer Use	1,545	1,103	25,592
Certified Training Programs	6,215	2,549	101,600
Other (please specify): N/A	0	0	0
<b>Total</b>	<b>14,146</b>	<b>6,885</b>	<b>250,802</b>

4. Please describe key economic and social successes of your project during the past year, and why you believe the project is successful thus far (600 words or less).

At District of Columbia Public Library (DCPL), we have trained over 1,100 people on the basics of PC use. Many of these students had very limited exposure to computers, and they come from the poorest sections of DC. Students have become familiar with the equipment, and learned how to use the mouse and keyboard and other basic computer literacy skills.

DCPL has trained 420 adults and teens in Microsoft Office programs. Students who train in Microsoft Office have the skills to secure better jobs and the ability to perform office jobs more effectively.

Since grant inception, University of the District of Columbia Community College (UDC-CC) provided over 5,300 students with Career and Technical Education (CTE) training that has led, and will continue to lead, to jobs. Jobs provide the financial resources to ensure adoption is sustained. UDC-CC has enrolled eighty-two (82) new household internet subscribers under the Comcast Internet Essentials program.

Between the training activities at both DCPL and UDC-CC, the jobs found as a result of more skilled individuals, and the hundreds of new adopters of broadband, the District of Columbia is seeing real and tangible benefits from the Sustainable Broadband Adoption grant.

5. Please estimate the level of broadband adoption in the community(ies) and/or area(s) your project serves, explain your methodology for estimating the level of broadband adoption, and explain changes in the broadband adoption level, if any, since the project began.

5a. Adoption Level (%):	Narrative description of level, methodology, and change from the level at project inception (600 words or less).
70	<p>The District of Columbia (District) is comprised of eight Wards. At the time of this award under the Sustainable Broadband Adoption (SBA) program (July 2010), the District's Office of the Chief Technology Officer (OCTO) measured residential broadband adoption rates by Ward, and found that adoption rates in the majority of Wards 5, 7 and 8 (and in parts of Wards 1, 4 and 6) were considered "under-served", as less than 40% of households had broadband subscriptions. There were and are no "unserved" areas in the District.</p> <p>During the award period, OCTO has annually collected residential wireline broadband subscribers data from the Federal Communications Commission (FCC), based upon data provided by the carriers to the FCC on the "Broadband Reporting Form" (FCC Form 477). Data on the 477 breaks down wireline broadband subscribers by type (residential vs. commercial) and by census tract. OCTO mapped the census tract, residential population, and subscriber rate data onto the District's Wards.</p> <p>Based upon the data, as of June 2012, the District shows an overall wireline broadband adoption rate of over 70%, with the lowest Ward subscriber rate of greater than 53%. Wards 5, 7 and 8 have a measured subscriber rate of 62%, 53% and 56%, respectively.</p>

<p><b>5a. Adoption Level (%):</b></p>	<p><b>Narrative description of level, methodology, and change from the level at project inception (600 words or less).</b></p>
	<p>OCTO strongly believes the District's efforts on the NTIA grants to provide training, support subscriber enrollments, and advocate about the benefits of broadband access via outreach and media efforts are having positive effects on residential broadband subscription rates.</p> <p>Three important notes on these metrics, which suggest the adoption rates are actually higher. First, these calculations exclude wireless subscribers. Second, OCTO believes the trend toward increased adoption continues, and December 2012 data, and 2013 data, will show greater subscriber rates. Finally, data quality and completeness provided by carriers on Form 477 continues to improve over time.</p>
<p><b>6. Please describe the two most common barriers to broadband adoption that you have experienced this year in connection with your project. What steps did you take to address them (600 words or less)?</b></p> <p>Office of the Chief Technology Officer (OCTO) believes there are three primary barriers to broadband adoption, as part of this Sustainable Broadband Adoption (SBA) grant.</p> <p>District of Columbia Public Library (DCPL) reports two main barriers: awareness of the technology, and training, to take advantage of the technology. DCPL is working to increase awareness of its training programs, to educate possible recipients of training and increase enrollments. Once enrolled, DCPL's training programs are focused on helping individuals gain the skills needed to use broadband Internet.</p> <p>OCTO feels the greatest barrier to adoption is the inability to rapidly develop partnerships and programs with broadband providers to offer inexpensive subscriber programs. Comcast Internet Essentials (CIE) is one such program; UDC-CC previously worked with Comcast to enroll subscribers, while implementing the accelerated enrollment and bulk billing capabilities.</p>	
<p><b>7. To the extent that you have made any subcontracts or sub grants, please provide the number of subcontracts or sub grants that have been made to socially and economically disadvantaged small business (SDB) concerns as defined by section 8(a) of the Small Business Act, 15 U.S.C. 647, as modified by NTIA's adoption of an alternative small business size standard for use in BTOP. Please also provide the names of these SDB entities. (150 words or less)</b></p> <p>University of the District of Columbia Community College (UDC-CC) has entered into only one SDB contract with an 8(a) provider, 4-Tech Media.</p> <p>In addition, the most recent sub-recipient, Latino Economic Development Corporation, is registered under Section 501(c)(3).</p> <p>No other 8(a) or SBD arrangements have been made.</p>	
<p><b>8. Please describe any best practices / lessons learned that can be shared with other similar BTOP projects (900 words or less).</b></p> <p>District of Columbia Public Library (DCPL) and Office of the Chief Technology Officer (OCTO) believe that pre-training class surveys which permit groupings of individuals with similar skills to more effectively provide training, is a good lesson. Groupings of individuals with similar levels of skills, or possibly with some demographic traits in common, makes for more effective training courses. Among these traits might be age, where research demonstrates that younger individuals may be more receptive to training, and may require less time in classes, than individuals of a certain age.</p> <p>DCPL has also discovered that being partners with other service-delivery organizations, such as The Family Place, is extremely effective for reaching targeted populations (such as Spanish speakers.)</p>	
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