

# National Telecommunications and Information Administration

The National Telecommunications and Information Administration (NTIA) develops domestic and international telecommunications and information policy for the executive branch, ensures the efficient and effective management and use of the Federal radio spectrum, and performs state-of-the-art telecommunications research, engineering, and planning.

## American Recovery and Reinvestment Act (ARRA)

**programs:** This Act funds two programs within NTIA. The Broadband Technology Opportunities Program (BTOP) is focusing on grant support to enable broadband access for consumers with limited or no broadband service as well as stimulating demand and facilitating greater use of broadband services while contributing to economic growth and job creation. In these efforts, NTIA works in partnership with the Department of Agriculture's Rural Utilities Service. NTIA is also working with the Federal Communications Commission (FCC) to develop a map of broadband service throughout the country. Authority for this program expires September 30, 2010.

The other program, Digital-to-Analog Converter Box Coupon Program (see Digital Television Transition and Public Safety Fund (DTTPSF)) was provided funding by the ARRA to support the demand for coupons through the extended digital transition date of June 12, 2009, as provided in the DTV Delay Act. ARRA enabled NTIA to fund 7.5 million coupons redeemed by consumers, in addition to 27.3 million coupon redemptions from the Digital Television Transition and Public Safety Fund. The program accepted requests for coupons from eligible households through July 31, 2009. The last issued coupon expired on November 9, 2009.

**Digital Television Transition and Public Safety Fund (DTTPSF) (mandatory program):** The Fund, created by the Deficit Reduction Act of 2005 and modified by the Call Home Act, the SAFE Port Act of 2006, and the Consolidated Appropriations Act of 2008, receives offsetting receipts from the auction of electromagnetic spectrum to be recovered from analog television frequencies as part of the transition to digital broadcasts and provides funding for several one-time programs from these receipts. The Act, as amended, also provided borrowing authority to the Department of Commerce to commence specified programs prior to the availability of auction receipts. Amounts borrowed from the Treasury have been repaid using earned revenues from the auction. On September 30, 2009, NTIA transferred to the General Fund of the Treasury \$7.4 billion of the earned revenues (receipts) for deficit reduction purposes, as required by law. In addition, amounts raised by the auction not specified for distribution will be transferred to the General Fund once they are earned and program activities are completed.

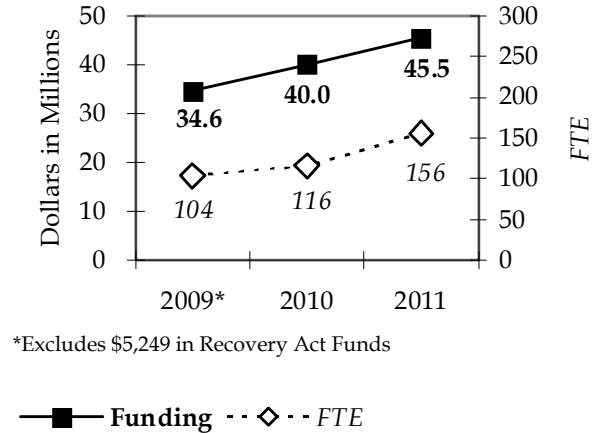
During FY 2011, the following programs will be funded by prior-year receipts:

- Public Safety Interoperable Communications Grants
- Assistance to Low-Power Television Stations
- National and Remote Alert Programs

Because these are one-time programs, activity in these programs is winding down. However, outlays will continue over the next several fiscal years.

The **Salaries and Expenses account** focuses on NTIA's core programs for domestic and international policy development, Federal spectrum management, and related research. In addition to adjustments to the base necessary to maintain the

Budget Authority and FTE



buying power of existing resources, NTIA requests \$1 million and 3 FTE to bolster our research capabilities in spectrum sharing techniques that will enable the efficient use of radio frequencies currently occupied by traditional frequency assignments, and to avoid harmful interference from secondary users using spectrum dynamically to the primary users with static assignments. This research will aid the NTIA, FCC, the telecommunications industry, and other government agencies in the design of dynamic spectrum access schemes for cognitive radio under different communication requirements.

In addition, NTIA will support the Administration's efforts to foster new wireless broadband technologies by making new spectrum available. Specifically, NTIA will collaborate with the FCC to develop a plan to make available significant spectrum suitable for both mobile and fixed wireless broadband use over the next ten years. The plan will focus on making spectrum available for exclusive use by commercial broadband providers or technologies, or for dynamic, shared access by commercial and government users.

NTIA will discontinue the **Public Telecommunications Facilities, Planning, and Construction** (PTFPC) program in FY 2011, as funds are available for public broadcasting activities from other sources. Hereafter, previously appropriated funds that remain available will be used to administer prior-year grants. The **Information Infrastructure Grants** program was terminated in FY 2005.

## Summary of Appropriations

### Funding Levels

<b>Appropriation, Discretionary</b>	2009 <u>Actual</u>	2010 <u>Estimate</u>	2011 <u>Estimate</u>	Increase <u>(Decrease)</u>
Salaries and Expenses	\$19,218	\$19,999	\$21,825	\$1,826
Public Telecommunications Facilities, Planning and Construction	20,000	20,000	0	(20,000)
Information Infrastructure Grants	0	0	0	0
Broadband Technology Opportunities Program, Recovery Act	4,700,000	0	0	0
Digital-to-Analog Converter Box Program, Recovery Act	650,000	0	0	0
<b>DISCRETIONARY APPROPRIATION</b>	<b>5,389,218</b>	<b>39,999</b>	<b>21,825</b>	<b>(18,174)</b>
Transfer from BTOP to OIG	(10,000)	0	0	0
Transfer from BTOP to the FCC	(20,055)	0	0	0
Transfer from Digital-To-Analog Converter Program to the FCC	(70,605)	0	0	0
Unobligated balance, rescission, S&E	(3,000)	0	0	0
Unobligated balance, rescission, Digital-to-Analog Converter Box Program	0	(128,000)	0	128,000
Unobligated balance, rescission, PTFPC	(1,600)	0	0	0
Subtotal, Discretionary Budget Authority	5,283,958	(88,001)	21,825	109,826
<b>Appropriation, Mandatory</b>				
Digital Television Transition and Public Safety Fund				
Appropriation (special fund receipts)	16,689,557	400,450	0	(400,450)
Portion precluded from obligation	0	(400,450)	0	400,450
Portion substituted for borrowing authority	(914,951)	0	0	0
Transfer to Treasury	(7,367,724)	0	0	0
Appropriation, Mandatory	8,406,882	0	0	0
Budget Authority, Mandatory	8,406,882	0	0	0
<b>TOTAL BUDGET AUTHORITY</b>	<b>13,690,840</b>	<b>(88,001)</b>	<b>21,825</b>	<b>109,826</b>

<b>FTE</b>	2009 <u>Actual</u>	2010 <u>Estimate</u>	2011 <u>Estimate</u>	Increase <u>(Decrease)</u>
Salaries and Expenses - Direct	94	103	106	3
Salaries and Expenses - Reimbursable	140	155	155	0
Public Telecommunications Facilities, Planning and Construction	9	13	0	(13)
Information Infrastructure Grants	1	0	0	0
Broadband Technology Opportunities Program, Recovery Act	7	70	0	(70)
Digital to Analog Converter Box Program, Recovery Act	0	3	0	(3)
<b>Total, Discretionary FTEs</b>	251	344	261	(83)
<b>Mandatory:</b>				
Digital Television Transition and Public Safety Fund	11	13	7	(6)
<b>TOTAL, FTEs</b>	262	357	268	(89)

## Highlights of Budget Changes

### Appropriation: Salaries and Expenses

#### Summary of Requirements

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>2010 Appropriation</b>			103	\$19,999
<b>Adjustments to Base</b>				
<b><u>Other Changes</u></b>				
2010 Pay raise		\$79		
2011 Pay raise		152		
Payment to Working Capital Fund		23		
Civil Service Retirement System(CSRS)		(11)		
Federal Employees' Retirement System(FERS)		72		
Federal Insurance Contributions Act (FICA) - OASDI		9		
Thrift Savings Plan		3		
Health insurance		43		
Employees' Compensation Plan		(12)		
Rent payments to GSA		19		
Postage		1		
Electricity		69		
Travel - Mileage		(1)		
Other services:				
Working Capital Fund		313		
General Pricing Level Adjustment:				
Other services		12		
Supplies and materials		2		
Equipment		3		
Subtotal, other cost changes			0	776
<b>TOTAL, ADJUSTMENTS TO BASE</b>			<b>0</b>	<b>776</b>
<b>2011 Base</b>			<b>103</b>	<b>20,775</b>
Program Changes			3	1,050
<b>2011 APPROPRIATION</b>			<b>106</b>	<b>21,825</b>

**Comparison by Activity**

	2010 Currently Avail.		2011 Base		2011 Estimate*		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>DIRECT OBLIGATIONS</b>								
Domestic & International Policies	26	\$5,897	26	\$5,365	26	\$5,365	0	\$0
Spectrum Management	32	8,291	32	8,144	32	8,144	0	0
Telecommunication Sciences Res.	45	7,486	45	7,266	48	8,316	3	1,050
<b>TOTAL DIRECT OBLIGATIONS</b>	<b>103</b>	<b>21,674</b>	<b>103</b>	<b>20,775</b>	<b>106</b>	<b>21,825</b>	<b>3</b>	<b>1,050</b>
<b>REIMBURSABLE OBLIGATIONS</b>	<b>155</b>	<b>71,696</b>	<b>155</b>	<b>40,676</b>	<b>155</b>	<b>40,676</b>	<b>0</b>	<b>0</b>
<b>TOTAL OBLIGATIONS</b>	<b>258</b>	<b>93,370</b>	<b>258</b>	<b>61,451</b>	<b>261</b>	<b>62,501</b>	<b>3</b>	<b>1,050</b>
<b>FINANCING</b>								
Unobligated balance, start of year (Direct)		(1,675)						
Unobligated balance, start of year (Reimbursable)		(32,588)						
Offsetting collections from:								
Federal funds	(152)	(38,608)			(152)	(40,176)		
Non-Federal sources	(3)	(500)			(3)	(500)		
Subtotal, financing	(155)	(73,371)			(155)	(40,676)		
<b>TOTAL BUDGET AUTHORITY/ APPROPRIATION</b>	<b>103</b>	<b>19,999</b>			<b>106</b>	<b>21,825</b>		

**Highlights of Program Changes**

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Spectrum Access with Intelligent Networks and Cognitive Radios	0	\$0	3	\$1,050

The goal of this research program is to examine spectrum sharing approaches and to identify the techniques that can provide the most efficient and effective sharing of the radio spectrum through the use of "Intelligent Radios." This research will aid the NTIA, the FCC, the telecommunications industry, and other government agencies in the design of dynamic spectrum access schemes for cognitive radio under different communication requirements. The research will also produce interference protection criteria (IPC) for all types of Federal Government radio and radar systems and provide insights and solutions for technical issues associated with spectrum sharing. Under this initiative, NTIA's Institute for Telecommunication Sciences (ITS) will identify, evaluate, and recommend solutions for the technical issues and challenges of spectrum sharing.

Over the next five years, ITS will produce a number of publications that will provide U.S. federal agencies and commercial service providers, with interference protection criteria and evaluations with respect to various cognitive radio approaches and technologies. Several U.S. federal agencies, along with commercial service providers, will benefit from this information. The FCC and NTIA, with responsibility for spectrum management, are very interested in what cognitive radio technology has to offer and how it would affect their current regulatory scheme. The military and the public safety and emergency response communities see the benefits that this new radio technology offers, with frequency agility and/or flexibility, the ability to enhance interoperability between different radio standards, and the capability to sense the presence of interferers. Other countries and international agencies such as the International Telecommunications Union (ITU) also are looking to adopt similar cognitive radio approaches to increase spectrum utilization.

**Appropriation: Public Telecommunications Facilities, Planning and Construction***Summary of Requirements*

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>2010 Appropriation</b>			13	\$20,000
<b>Adjustments to Base</b>			0	0
<b>2011 Base</b>			<u>13</u>	<u>20,000</u>
Program Changes			(13)	(20,000)
<b>2011 APPROPRIATION</b>			<u>0</u>	<u>0</u>

*Comparison by Activity*

	2010 Currently Avail.		2011 Base		2011 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>DIRECT OBLIGATIONS</b>								
Grants	0	\$20,771	0	\$18,000	0	\$0	0	(\$18,000)
Program Management	13	2,480	13	2,000	0	0	(13)	(2,000)
<b>TOTAL DIRECT OBLIGATIONS</b>	<u>13</u>	<u>23,251</u>	<u>13</u>	<u>20,000</u>	<u>0</u>	<u>0</u>	<u>(13)</u>	<u>(20,000)</u>
<b>FINANCING</b>								
Unobligated balance, start of year		(3,251)			0	0		
<b>TOTAL BUDGET AUTHORITY/ APPROPRIATION</b>	<u>13</u>	<u>20,000</u>			<u>0</u>	<u>0</u>		

PTFPC grant awards are being terminated in FY 2011. Recoveries and unobligated balances of funds previously appropriated to this account will remain available for the administration of prior year grants. For the period from FY 2000 through FY 2009, approximately 70 percent of the funds that PTFPC awarded were for digital television conversion projects. By the deadline date of June 12, 2009, all full-power public television stations met the FCC requirement for the transmission of a digital television signal. Public television stations are continuing with the digital conversion of their Master Control and Production facilities. Funding for remaining digital conversion and other activities is available from other sources.

## Appropriation: Information Infrastructure Grant

### Summary of Requirements

	Summary	
	<u>FTE</u>	<u>Amount</u>
2010 Appropriation	0	\$0
Adjustments to Base	0	0
<b>2011 Base</b>	<b>0</b>	<b>0</b>
Program Changes	0	0
<b>2011 APPROPRIATION</b>	<b>0</b>	<b>0</b>

### Comparison by Activity

	2010 Currently Avail.		2011 Base		2011 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>DIRECT OBLIGATIONS</b>								
Technology Opportunity Program								
Grants	0	\$0					0	\$0
Program Management	0	2,313					0	0
<b>TOTAL DIRECT OBLIGATIONS</b>	<b>0</b>	<b>2,313</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>FINANCING</b>								
Unobligated balance, start of year		(2,313)				0		
<b>TOTAL BUDGET AUTHORITY / APPROPRIATION</b>	<b>0</b>	<b>0</b>			<b>0</b>	<b>0</b>		



**Appropriation: Broadband Technology Opportunities Program (Recovery Act only)**

*Summary of Requirements*

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
<b>2010 Appropriation</b>	0	\$0
FTEs funded by ARRA carryover	70	0
<b>Adjustments to Base</b>		
Reduced FTEs funded by ARRA carryover	(70)	0
<b>2011 Base</b>	<u>0</u>	<u>0</u>
Program Changes	0	0
<b>2011 APPROPRIATION</b>	<u>0</u>	<u>0</u>

*Comparison by Activity*

	2010 Currently Avail.		2011 Base		2011 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>DIRECT OBLIGATIONS</b>								
Grants and Projects	0	\$4,529,222	0	\$0	0	\$0	0	\$0
Program Management	70	\$63,481	0	\$0	0	\$0	0	\$0
<b>TOTAL DIRECT OBLIGATIONS</b>	<u>70</u>	<u>4,592,703</u>	0	0	0	0	0	0
<b>FINANCING</b>								
Unobligated balance, start of year		(4,592,703)						
Unobligated balance, end of year		0			0	0		
<b>TOTAL BUDGET AUTHORITY/ APPROPRIATION</b>	<u>70</u>	<u>0</u>			<u>0</u>	<u>0</u>		

**Appropriation: Digital-To-Analog Converter Box Program (Recovery Act only)***Summary of Requirements*

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
<b>2010 Appropriation</b>	0	\$0
FTEs funded by ARRA Carryover	3	0
<b>Adjustments to Base</b>		
Reduced FTEs funded by ARRA carryover	(3)	0
<b>2011 Base</b>	<u>0</u>	<u>0</u>
Program Changes	0	0
<b>2011 APPROPRIATION</b>	<u>0</u>	<u>0</u>

*Comparison by Activity*

	2010 Currently Avail.		2011 Base		2011 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>DIRECT OBLIGATIONS</b>								
Digital to Analog Converter Box Program / Recovery Act	3	\$4,000	0	\$0	0	\$0	0	\$0
<b>TOTAL DIRECT OBLIGATIONS</b>	<u>3</u>	<u>4,000</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
<b>FINANCING</b>								
Unobligated balance, start of year		(161,054)						
Unobligated balance, expiring or withdrawn		29,054			0	0		
Unobligated balance, permanently reduced		128,000						
<b>TOTAL BUDGET AUTHORITY/ APPROPRIATION</b>	<u>3</u>	<u>0</u>			<u>0</u>	<u>0</u>		

**Appropriation: Digital Television Transition and Public Safety Fund****Summary of Requirements**

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
<b>2010 Mandatory Appropriation</b>	0	\$0
FTEs funded from carryover	13	0
<b>Adjustment to Base</b>		
Reduced FTEs funded by carryover	(6)	0
<b>2011 Base</b>	<u>7</u>	<u>0</u>
Program Changes	0	0
<b>2011 Mandatory Budget Authority</b>	<u>7</u>	<u>0</u>

Title III of the Deficit Reduction Act of 2005 provided the Department the authority to borrow from the Treasury in advance of the availability of radio spectrum auction receipts that finance several programs created in the Act. All borrowings have been repaid to Treasury and programs currently in operation are being funded with receipts of earned revenue.

**Comparison by Activity**

	2010 Currently Avail.		2011 Base		2011 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>DIRECT OBLIGATIONS</b>								
Digital to Analog Converter Box Program	0	\$0	0	0	0	\$0	0	\$0
Public Safety Interoperable Communications Grants	3	6,700	0	3,500	0	3,500	0	0
Low Power TV & Translator Conversion Program	0	858	0	0	0	0	0	0
Low Power TV & Translator Upgrade Program	6	44,166	6	2,200	6	2,200	0	0
Tsunami Warning Program	0	300	0	0	0	0	0	0
National and Remote Alert Programs	4	90,274	1	300	1	300	0	0
Enhanced 9-1-1 Service Support	0	0	0	0	0	0	0	0
<b>TOTAL DIRECT OBLIGATIONS</b>	<u>13</u>	<u>142,298</u>	<u>7</u>	<u>6,000</u>	<u>7</u>	<u>6,000</u>	<u>0</u>	<u>0</u>
<b>FINANCING</b>								
Unobligated balance, start of year		(8,696,735)		(9,437)		(9,437)		
Capital Transfer to General Fund		8,545,000		0		0		
Unobligated balance, end of year		<u>9,437</u>		<u>3,437</u>		<u>3,437</u>		
<b>TOTAL MANDATORY BUDGET AUTHORITY</b>	<u>13</u>	<u>0</u>	<u>7</u>	<u>0</u>	<u>7</u>	<u>0</u>		

## Performance Outcomes and Measures

(Dollars reflect obligations in Millions)

NTIA supports the Department's strategic goal to "Promote U.S. innovation and industrial competitiveness." NTIA has revised its performance outcomes and measures to be more outcome-oriented. The following table shows the measures that NTIA uses to gauge its performance. A more detailed description of these outcomes and measures is in the NTIA section of the Department of Commerce budget.

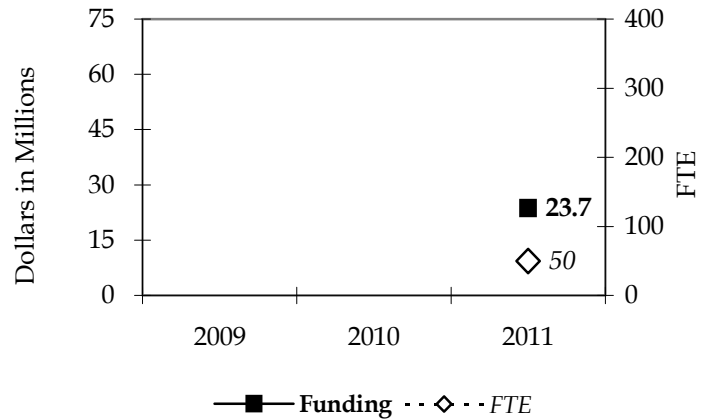
	2009 Actual	2010 Enacted / Targets	2011 Estimate / Targets
<b>Outcome 1: Ensure that the allocation of radio spectrum provides the greatest benefit to all people</b>	<b>\$37.3</b>	<b>\$62.2</b>	<b>\$47.9</b>
Median processing time for interagency action on spectrum assignment requests	9 Business Days	9 Business Days	9 Business Days
Median processing time for certification of spectrum support for planned radio communications systems	2 months	2 months	2 months
Percent of space system coordination requests meeting 14 days process time	98% in <14 days	90% in 14 days	90% in 14 days
Median comment time for interagency review and NTIA response on FCC draft policy and rules documents	Comments in 11 days	Comments in 15 days	Comments in 15 days
Spectrum management improvements	14 milestones	11 milestones	Discontinued
Complete key activities to support effective decision-making by policymakers, businesses, and the public in preparation for the World Radio Conference 2012 (WRC-12)	NA	New	WRC-12 Submission <sup>2</sup>
Update the Spectrum Inventory first established in FY2010	NA	New	Spectrum Inventory Update
Annual Progress Report on the Test-Bed	NA	New	Publish Annual Report
Clearing of Federal systems from the 1710-1755 MHz band	NA	New	90% of 1990 Assignments <sup>3</sup>
<b>Outcome 2: Promote the availability and support new sources of advanced telecommunications and information services<sup>1</sup></b>	<b>\$1,046.7</b>	<b>\$202.9</b>	<b>\$24.0</b>
Support new telecom and info technology by advocating Administration views in FCC docket filings and Congressional proceedings	12 docket and proceedings	5 docket and proceedings	10 dockets and proceedings
Number of Web site views for research publications	225K/Q	240K/Q	240K/Q
<b>Outcome 3: Ensure the effective implementation of the Broadband Technology Opportunities Program</b>	<b>\$77.2</b>	<b>\$4,592.7</b>	<b>\$23.7</b>
Miles of broadband networks deployed (Infrastructure Projects)	New	New	10,000
Community anchor institutions connected (Infrastructure Projects)	New	New	3,000
Homes, businesses, and anchor institutions with new and improved broadband availability (Infrastructure Projects)	New	New	500,000
New and upgraded public computer workstations (Public Computer Centers Projects)	New	New	10,000
New household and business subscribers to broadband (Sustainable Broadband Adoption Projects)	New	New	25,000
<b>Total</b>	<b>\$1,161.2</b>	<b>\$4,857.8</b>	<b>\$95.6</b>

1. Funding for the Digital Television Transition and Public Safety Fund program (DTTPSF) is reflected under Outcome 2.
2. This refers to the completion of technical studies and the preparation of draft proposals representing the Federal agency inputs used to prepare the U.S. proposals to WRC-12.
3. To be accomplished in accordance with the schedules established under the Commercial Spectrum Enhancement Act (CSEA)

## Broadband Technology Opportunities Program – Administrative Expenses

Funding will provide resources to continue the administration and oversight of the \$4.7 billion Recovery Act grant program for broadband technologies and deployment mapping. The Recovery Act grant funds will be awarded during FY 2010, but recipients will have three years, in most cases, to complete their projects. NTIA will continue to operate its grants management office to provide oversight and monitoring, grant evaluation, impact assessments, and reporting essential to ensure these grants comply with Federal grants management regulations and requirements and to ensure that program goals are met.

Budget Authority and FTE



### Summary of Appropriations

#### Funding Levels

	2009 <u>Actual</u>	2010 <u>Estimate</u>	2011 <u>Estimate</u>	Increase (Decrease)
<b>Appropriation, Discretionary</b>				
Broadband Technology Opportunities Program--Admin. Expenses	\$0	\$0	\$23,700	\$23,700
<b>FTE</b>	0	0	50	50

### Highlights of Budget Changes

#### Appropriation: Broadband Technology Opportunities Program – Admin Expenses

##### *Summary of Requirements*

	<u>Detailed</u>		<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>2010 Appropriation</b>			0	\$0
<b>Adjustments to Base</b>			0	0
<b>2011 Base</b>			0	0
Program Changes			50	23,700
<b>2011 APPROPRIATION</b>			50	23,700

**Comparison by Activity**

	2010 Currently Avail.		2011 Base		2011 Estimate		Increase / Decrease	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
<b>DIRECT OBLIGATIONS</b>								
Grants	0	\$0	0	\$0	0	\$0	0	\$0
Program Management	0	0	0	0	50	23,700	50	23,700
<b>TOTAL DIRECT OBLIGATIONS</b>	0	0	0	0	50	23,700	50	23,700
<b>FINANCING</b>								
Unobligated balance, start of year		0				0		
<b>TOTAL BUDGET AUTHORITY</b>	0	0			50	23,700		

**Highlights of Program Changes**

	<u>FTE</u>	<u>Base Amount</u>	<u>Increase / Decrease</u>	
			<u>FTE</u>	<u>Amount</u>
Broadband Technology Opportunities Program – Admin Expenses	0	\$0	50	\$23,700

Funding will provide resources to continue the administration and oversight of this \$4.7 billion Recovery Act grant program for broadband technologies and deployment mapping. The majority of the Recovery Act grant funds will be awarded during FY 2010, but recipients will have three years, in most cases, to complete their projects. NTIA will continue to operate its grants management office to provide oversight and monitoring, grant evaluation, impact assessments, and reporting essential to ensure these grants comply with Federal grants management regulations and requirements, and to ensure that program goals are met. The Recovery Act also required NTIA to use a portion of Recovery funds to develop a map of broadband services in the United States. The FY 2011 funding will allow NTIA to continue with oversight of the grants funded through the broadband mapping program, and for ongoing work with the Federal Communications Commission (FCC) to maintain the national broadband map in FY 2011.