

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 funded two programs within NTIA. The Broadband Technology Opportunities Program (BTOP) focuses on grant support that will enable broadband access for consumers with limited or no broadband service as well as stimulate demand and facilitate greater use of broadband services while contributing to economic growth and job creation.

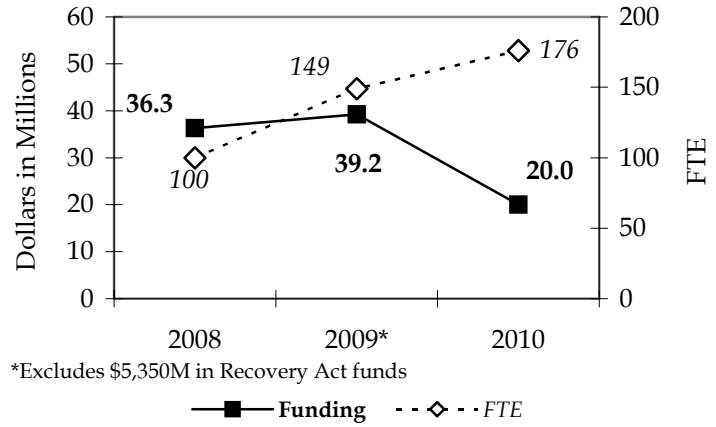
NTIA, in partnership with the Department of Agriculture's Rural Utilities Service and the Federal Communications Commission (FCC), will focus on the following initiatives:

- **BTOP Infrastructure Grants.** BTOP funds will support, among other things, competitive grants for broadband deployment in unserved and underserved areas, and for strategic community institutions and public safety agencies.
- **Public Computer Center Grants.** To expand public computer center capacity at institutions such as community colleges and libraries, competitive grants will be made to eligible entities.
- **Sustainable Broadband Adoption Grants.** Competitive grants will be awarded to fund innovative programs that encourage sustainable adoption of broadband service by consumers.
- **Broadband Inventory Mapping.** Federal assistance will be provided to develop and implement statewide initiatives to identify and track the availability and adoption of broadband services within each State.

The Digital-to-Analog Converter Box Coupon Program (see Digital Television Transition and Public Safety Fund) was provided additional funding by the ARRA to support the demand for coupons through the extended digital transition date of June 12, 2009, as provided in the recent enactment of the DTV Delay Act. ARRA funding enabled NTIA to liquidate a waiting list of 4.2 million coupons that occurred when funding provided under the Digital Television Transition and Public Safety Fund did not meet demand. Of the \$90 million available for consumer education, NTIA has transferred approximately \$66 million to the FCC to support their continuing education and technical assistance efforts.

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. At the end of FY 2009, NTIA will deposit in the General Fund \$7,363,000,000 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 deposited in the General Fund. This \$8.688 billion will be returned to the Treasury as program activities are completed.)

Budget Authority and FTE



During FY 2010, the following programs are authorized to use receipts from the fund:

- Digital-to-Analog Converter Box Coupon Program
- Public Safety Interoperable Communications Grants
- Assistance to Low-Power Television Stations
- National and Remote Alert Programs

The FY 2010 President's Budget provides \$11.5 million from the DTTPSF to support the above programs. The estimated FY 2010 funding levels are a net decrease of \$108.5 million from FY 2009, because these are one-time programs and activity in these programs is beginning to wind down. Outlays will continue over the next several fiscal years.

The **Salaries and Expenses** account includes funding to maintain on going programs for domestic and international policy development, Federal spectrum management, and related research.

NTIA will discontinue the **Public Telecommunications Facilities, Planning, and Construction** (PTFPC) program in FY 2010, 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

	2008 <u>Actual</u>	2009 <u>Estimate</u>	2010 <u>Estimate</u>	Increase <u>(Decrease)</u>
Appropriation, Discretionary				
Salaries and Expenses	\$17,466	\$19,218	\$19,999	\$781
Public Telecommunications Facilities, Planning and Construction	18,800	20,000	0	(20,000)
Broadband Technology Opportunities Program (BTOP), Recovery Act		4,700,000		(4,700,000)
Digital to Analog Converter Box Program, Recovery Act		650,000		(650,000)
Information Infrastructure Grants	0	0	0	0
DISCRETIONARY APPROPRIATION	36,266	5,389,218	19,999	(5,369,219)
Transfer from BTOP to the Office of the Inspector General		(10,000)		10,000
Transfer from Digital-To-Analog Converter Box Program to the Federal Communications Commission		(65,705)		65,705
Unobligated balance, rescission, S&E		(3,000)		3,000
Unobligated balance, rescission, PTFP&C		(1,600)		1,600
Appropriation, Mandatory				
Digital Television Transition and Public Safety Fund				
Appropriation (special fund receipts)	1,778,983	17,090,898	0	(17,090,898)
Appropriation (previously unavailable)	0	0	8,688,409	8,688,409
Portion precluded from obligation	0	(8,688,410)	0	8,688,410
Portion applied to repay debt	(664,689)	(4,724)	0	4,724
Portion substituted for borrowing authority	0	(914,951)	0	914,951
Transfer to Treasury	0	(7,363,000)	(8,688,409)	(1,325,409)
Appropriation, Mandatory	1,114,294	119,813	0	(119,813)
Authority to borrow	500,200	0	0	0
Budget Authority, Mandatory	1,614,494	119,813	0	(119,813)
TOTAL BUDGET AUTHORITY	1,650,760	5,428,726	19,999	(5,476,032)

FTE	2008 <u>Actual</u>	2009 <u>Estimate</u>	2010 <u>Estimate</u>	Increase <u>(Decrease)</u>
Salaries and Expenses - Direct	91	103	103	0
Salaries and Expenses - Reimbursable	150	155	155	0
Public Telecommunications Facilities, Planning and Construction	8	13	0	(13)
Information Infrastructure Grants	1	0	0	0
Broadband Technology Opportunities Program	0	30	70	40
Digital to Analog Converter Box Program	0	3	3	0
Digital Television Transition and Public Safety Fund	12	17	13	(4)
TOTAL	262	321	344	23

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>
2009 Appropriation			103	\$19,218
Unobligated Balance Rescission				(3,000)
Adjustments to Base				
Restoration of Unobligated Balance Rescission				3,000
<u>Other Changes</u>				
2009 Pay raise		\$251		
2010 Pay raise		236		
Civil Service Retirement System(CSRS)		(29)		
Federal Employees' Retirement System(FERS)		47		
Federal Insurance Contributions Act (FICA) - OASDI		23		
Thrift Savings Plan		8		
Health insurance		16		
Employees' Compensation Plan		45		
Rent payments to GSA		33		
GSA Steam		230		
Electricity		463		
Travel:				
Mileage		3		
Per diem		9		
Other services:				
Working Capital Fund		682		
Less payment to WCF for utilities		(655)		
Less payment to ITA for personnel services		(301)		
General Pricing Level Adjustment:				
Communications, utilities, and miscellaneous charges		0		
Other services		15		
Supplies and materials		2		
Equipment		3		
Subtotal, other cost changes			0	1,081
Less costs absorbed				(300)
TOTAL, ADJUSTMENTS TO BASE			0	3,781
2010 Base			103	19,999
Program Changes			0	0
2010 APPROPRIATION			103	19,999

Comparison by Activity

	2009 Currently Avail.		2010 Base		2010 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>
DIRECT OBLIGATIONS								
Domestic & International Policies	26	\$5,055	26	\$5,107	26	\$5,107	0	\$0
Spectrum Management	32	7,535	32	7,752	32	7,752	0	0
Telecommunication Sciences Res.	45	6,896	45	7,140	45	7,140	0	0
TOTAL DIRECT OBLIGATIONS	103	19,486	103	19,999	103	19,999	0	0
REIMBURSABLE OBLIGATIONS	155	66,685	155	39,108	155	39,108	0	0
TOTAL OBLIGATIONS	258	86,171	258	59,107	258	59,107	0	0
FINANCING								
Unobligated balance, start of year (Direct)		(3,268)						
Unobligated balance, start of year (Reimbursable)		(28,909)						
Offsetting collections from:								
Federal funds	(152)	(37,276)			(152)	(38,608)		
Non-Federal sources	(3)	(500)			(3)	(500)		
Subtotal, financing	(155)	(69,953)			(155)	(39,108)		
TOTAL BUDGET AUTHORITY	103	16,218			103	19,999		
Unobligated balance, rescission		3,000						
TOTAL APPROPRIATION	103	19,218						

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>
2009 Appropriation			13	\$20,000
Unobligated Balance Rescission				(1,600)
Adjustments to Base				
Restoration of Unobligated Balance Rescission				1,600
2010 Base			13	20,000
Program Changes			(13)	(20,000)
2010 APPROPRIATION			0	0

Comparison by Activity

	2009 Currently Avail.		2010 Base		2010 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>
DIRECT OBLIGATIONS								
Grants	0	\$18,297	0	\$18,000	0	\$0	0	(\$18,000)
Program Management	13	2,414	13	2,000	0	0	(13)	(2,000)
TOTAL DIRECT OBLIGATIONS	13	20,711	13	20,000	0	0	(13)	(20,000)
FINANCING								
Unobligated balance, start of year		(2,311)				0		
TOTAL BUDGET AUTHORITY	13	18,400			0	0		
Unobligated balance, rescission		1,600						
TOTAL APPROPRIATION	13	20,000			0	0		

PTFPC grant awards are being terminated in FY 2010. Recoveries and unobligated balances of funds previously appropriated to this account will remain available for the administration of prior year grants. Since 2000, almost 70 percent of PTFPC awards have supported public television stations' conversion to digital broadcasting. Almost all public broadcasters have completed the transition to digital broadcasting to comply with the rules of the Federal Communications Commission. Funding for remaining digital conversion and other activities is available from other sources.

Appropriation: Information Infrastructure Grants**Summary of Requirements**

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2009 Appropriation	0	\$0
Adjustments to Base	0	0
2010 Base	0	0
Program Changes	0	0
2010 APPROPRIATION	0	0

Comparison by Activity

	2009 Currently Avail.		2010 Base		2010 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>
DIRECT OBLIGATIONS								
Technology Opportunity Program								
Grants	0	\$0	0	\$0	0	\$0	0	\$0
Program Management	0	1,629	0	0	0	0	0	0
TOTAL DIRECT OBLIGATIONS	0	1,629	0	0	0	0	0	0
FINANCING								
Unobligated balance, start of year		(1,629)				0		
TOTAL BUDGET AUTHORITY / APPROPRIATION	0	0			0	0		

Appropriation: Broadband Technology Opportunities Program*Summary of Requirements*

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
Recovery Act Appropriation	30	\$4,700,000
Adjustments to Base		
Non-recurring Recovery Act	(30)	(4,700,000)
FTEs from Recovery Act Carryover	70	0
2010 Base	<u>70</u>	<u>0</u>
Program Changes	0	0
FTEs from Recovery Act Carryover	(70)	0
2010 APPROPRIATION	<u>0</u>	<u>0</u>

Comparison by Activity

	2009 Currently Avail.		2010 Base		2010 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>
DIRECT OBLIGATIONS								
Grants and Projects	0	\$1,062,000	0	\$3,487,000	0	\$3,487,000	0	\$0
Program Management	30	\$98,000	30	\$43,000	70	\$43,000	40	\$0
TOTAL DIRECT OBLIGATIONS	<u>30</u>	<u>1,160,000</u>	<u>30</u>	<u>3,530,000</u>	<u>70</u>	<u>3,530,000</u>	<u>40</u>	<u>0</u>
FINANCING								
Unobligated balance, start of year						(3,530,000)		
Unobligated balance, end of year		3,530,000				0		
TOTAL BUDGET AUTHORITY	<u>30</u>	<u>4,690,000</u>			<u>70</u>	<u>0</u>		
Transfer to Office of the Inspector General		10,000						
TOTAL APPROPRIATION	<u>30</u>	<u>4,700,000</u>						

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

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
Recovery Act Appropriation	3	\$650,000
Adjustments to Base		
Non-recurring Recovery Act	(3)	(650,000)
FTEs from Recovery Act Carryover	3	0
2010 Base	<u>3</u>	<u>0</u>
Program Changes	0	0
FTEs from Recovery Act Carryover	(3)	0
2010 APPROPRIATION	<u>0</u>	<u>0</u>

Comparison by Activity

	2009 Currently Avail.		2010 Base		2010 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>
DIRECT OBLIGATIONS								
Digital to Analog Converter Box Program / Recovery Act	3	\$581,795	3	\$2,500	3	\$2,500	0	\$0
TOTAL DIRECT OBLIGATIONS	<u>3</u>	<u>581,795</u>	<u>3</u>	<u>2,500</u>	<u>3</u>	<u>2,500</u>	<u>0</u>	<u>0</u>
FINANCING								
Unobligated balance, start of year						(2,500)		
Unobligated balance, end of year		2,500				<u>0</u>		
TOTAL BUDGET AUTHORITY	<u>3</u>	<u>584,295</u>			<u>3</u>	<u>0</u>		
Transfer to the Federal Communications Commission		65,705						
TOTAL APPROPRIATION	<u>3</u>	<u>650,000</u>						

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

	<u>Summary</u>	
	<u>FTE</u>	<u>Amount</u>
2009 Mandatory Appropriation	17	\$119,813
2010 Base	17	119,813
Program Changes	(4)	(119,813)
2010 Mandatory Budget Authority	13	0

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

	2009 Currently Avail.		2010 Base		2010 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>
DIRECT OBLIGATIONS								
Digital to Analog Converter Box Program	2	\$595,399	2	\$22,062	1	\$972	(1)	(\$21,090)
Public Safety Interoperable Communications Grants	3	8,540	3	0	3	8,043	0	8,043
NYC 9/11 Digital Transition Program	0	0	0	0	0	0	0	0
Low Power TV & Translator Conversion Program	1	1,775	1	506	0	108	(1)	(398)
Low Power TV & Translator Upgrade Program	6	42,683	6	0	6	2,134	0	2,134
Tsunami Warning Program	0	50,000	0	50,000	0	0	0	(50,000)
National and Remote Alert Programs	4	90,127	4	46,017	3	230	(1)	(45,787)
Enhanced 9-1-1 Service Support	1	1,665	1	1,465	0	0	(1)	(1,465)
Essential Air Service Program	0	0	0	0	0	0	0	0
TOTAL DIRECT OBLIGATIONS	17	790,189	17	119,813 (1)	13	11,487	(4)	(108,326) (1)
FINANCING								
Unobligated balance, start of year		(686,703)				(16,327)		
Unobligated balance, end of year		16,327				4,840		
TOTAL MANDATORY BUDGET AUTHORITY	17	119,813			13	0		

Note (1): Includes reduction in Funds Apportioned for Future Use (FY2010-2012) of \$237K (\$16,564K-\$16,327).

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Digital-to-Analog Converter Box Program	2	\$22,062	-1	-\$21,090

To assist consumers during the transition from analog to digital television, coupons will be provided upon request, a maximum of two per qualifying household, to be used to offset the cost of digital-to-analog television converter boxes. Coupons may be requested between January 1, 2008, and July 31, 2009, and will expire three months after issuance.

Public Safety Interoperable Communications	3	\$0	0	8,043
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Grants have been provided in consultation with the Department of Homeland Security to public safety agencies to assist efforts to make their communications systems interoperable, i.e., capable of sharing voice and data signals on the radio spectrum. The program awarded the grants in September 2007, in accordance with the Call Home Act of 2006, and will administer the grants in FY 2010.

Assistance to Low Power Television Stations	7	\$506	-1	\$1,736
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Eligible low-power stations may receive compensation for a digital-to-analog conversion device to convert the incoming digital signal of a full-power television station to analog for transmission on the low-power station's analog channel. Applications were accepted and awarded through February 17, 2009. After the completion of the digital-to-analog conversion program, eligible low-power stations may receive reimbursement to upgrade their television signals from analog to digital format. Grants for upgrades will be awarded in FY 2009.

National Tsunami Warning Program	0	\$50,000	0	-\$50,000
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A tsunami warning system will be implemented by the National Oceanic and Atmospheric Administration (NOAA) using a variety of communications technologies capable of alerting the public to emergency situations, including tsunamis and coastal vulnerability.

National and Remote Alert Programs	4	\$46,017	-1	-\$45,787
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A national alert system will be implemented using a variety of communications technologies capable of alerting the public to emergency situations. Title VI of the SAFE Port Act of 2006 specified the use of funds in this program, and requires: that public and educational broadcasters modify their towers to enable the distribution of targeted alerts by commercial mobile services providers; the establishment of a research program to support the development of technologies to increase the number of commercial mobile service devices that receive emergency alerts; and the establishment of a grant program for outdoor alerting technologies in remote communities to enable receipt of emergency alerts. These programs are being administered in partnership with specified agencies, such as the National Institute of Standards and Technology and NOAA of the Department of Commerce, as well as the Federal Communications Commission and the Department of Homeland Security. Agreements with partner agencies and grant awards are expected to occur in FY 2008.

Enhanced 9-1-1 Service Support	1	\$1,465	-1	-\$1,465
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Funds will be used to implement the ENHANCE 911 Act of 2004, which created a joint effort of the Department of Commerce and the Department of Transportation (DOT) to assist State and local governments in providing caller location identification capabilities for emergency 911 services, and established a matching grant program for that purpose. An agreement with DOT was completed in FY 2008.

NTIA Performance Measures

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.

Performance Outcomes and Measures

(Dollars reflect obligations in Millions)

	2008 Actual	2009 Estimate / Target	2010 Estimate / Target
Outcome 1: Ensure that the allocation of radio spectrum provides the greatest benefit to all people	\$35.8	\$54.7	\$44.7
Frequency assignment processing time	9	<9 Business Days	<9 Business Days
Certification request processing time	2 months ²	<2 months	<2 months
Space system coordination request processing time	95% in <14 days ²	90% in <14 days	90% in <14 days
Spectrum plans and policies processing time	Comments in 13.3 days	Comments in ≤15 days	Comments in ≤15 days
Spectrum management improvements	22 milestones	14 milestones	14 milestones
Outcome 2: Promote the availability and support new sources of advanced telecommunications¹	\$976.6	\$2,588.0	\$3,544.4
Support new telecom and info technology by advocating Administration views in FCC docket filings and Congressional proceedings	11 docket and proceedings	5 docket and proceedings	5 docket and proceedings
Number of Web site views for research publications	127K/Mo	80K/Mo	80K/Mo
Total	\$1,012.4	\$2,642.7	\$3,589.1

1. Funding for the Digital Television Transition and Public Safety Fund program (DITPSF) is reflected under Outcome 2.
2. Actual performance figures were updated in December 2008 after the publication of the FY 2008 DOC Performance and Accountability Report.