

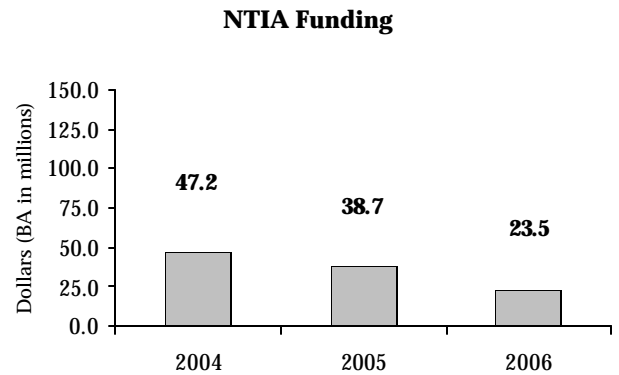
National Telecommunications and Information Administration

The National Telecommunications and Information Administration (NTIA) is responsible for the development of domestic and international telecommunications and information policy for the Executive Branch; for ensuring the efficient and effective management and use of the Federal radio spectrum; for performing state-of-the-art telecommunications research, engineering, and planning; and for administering the Federal program that supports telecommunications facilities for public broadcasting.

For 2006, NTIA requests the funds necessary to implement the President's **Spectrum Policy Initiative**, including basic research, analytical, and management topics of interest to the telecommunications and information sectors. The **Salaries and Expenses** budget includes funding to maintain ongoing programs for domestic and international policy development, federal spectrum management, and related research.

The **Public Telecommunications Facilities, Planning, and Construction** (PTFPC) program, in conjunction with the Corporation for Public Broadcasting, has provided support for public broadcasting's digital conversion. NTIA will discontinue this program in FY 2006. Alternatively, the Administration proposes to target funding of \$30 million for digital transition for public television stations from the Corporation for Public Broadcasting's already enacted 2006 funding.

Information Infrastructure Grants: This program was discontinued in FY 2005.



Summary of Appropriations

Funding Levels

Appropriation	2004 <u>Actual</u>	2005 <u>Estimate</u>	2006 <u>Estimate</u>	Increase <u>(Decrease)</u>
Salaries and Expenses	\$14,450	\$17,200	\$21,450	\$4,250
Public Telecommunications Facilities, Planning & Construction	21,769	21,478	2,000	(19,478)
Information Infrastructure Grants	14,842	0	0	0
Endowment for Children's Educational Television	0	0	0	0
Total APPROPRIATION	51,061	38,678	23,450	(15,228)
Unobligated balance, rescission, S&E	(395)			
Unobligated balance, rescission, PTFPC	(2,434)			
Unobligated balance, rescission, IIG	(995)			
Unobligated balance, rescission, Endowment for Children's Education Television	(45)			
Budget Authority				
Salaries and Expenses	14,055	17,200	21,450	4,250
Public Telecommunications Facilities, Planning & Construction	19,335	21,478	2,000	(19,478)
Information Infrastructure Grants	13,847	0	0	0
Endowment for Children's Educational Television	(45)	0	0	0
TOTAL BUDGET AUTHORITY	47,192	38,678	23,450	(15,228)
FTE				
Salaries and Expenses	100	115	123	8
Reimbursable	137	167	175	8
Public Telecommunications Facilities, Planning & Construction	15	13	0	(13)
Information Infrastructure Grants	17	0	0	0
Total	269	295	298	3

Highlights of Budget Changes

Appropriation: Salaries and Expenses

Summary of Requirements

	Detailed		Summary	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
2005 Appropriation			115	\$17,200
Adjustments to Base				
Other Changes				
2005 Pay raise		\$125		
2006 Pay raise		206		
Full year cost in 2006 of positions financed for part year in 2005	1	95		
Payment to Working Capital Fund		18		
Change in compensable day		(45)		
Civil Service Retirement System(CSRS)		(88)		
Federal Employees' Retirement System(FERS)		134		
Thrift Savings Plan		25		
Federal Insurance Contributions Act (FICA) -OASDI		68		
Health insurance		72		
Rent payments to GSA		21		
Other services: Working Capital Fund		165		
General Pricing Level Adjustment:				
Communications, utilities and misc. charges		1		
Other services		54		
Supplies and materials		4		
Equipment		13		
Subtotal, other cost changes			1	868
TOTAL, ADJUSTMENTS TO BASE			1	868
2006 Base			116	18,068
Program Changes			7	3,382
2006 APPROPRIATION			123	21,450

Comparison by Activity

	2005 Currently Avail.		2006 Base		2006 Estimate		Increase / Decrease	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
DIRECT OBLIGATIONS								
Domestic & International Policies	38	\$4,448	38	\$4,648	41	\$5,543	3	\$895
Spectrum Management	31	6,457	32	6,854	33	7,254	1	400
Telecommunication Sciences Res.	46	6,459	46	6,566	49	8,653	3	2,087
TOTAL DIRECT OBLIGATIONS	115	17,364	116	18,068	123	21,450	7	3,382
REIMBURSABLE OBLIGATIONS	167	51,071	167	35,516	175	37,116	8	1,600
TOTAL OBLIGATIONS	282	68,435	283	53,584	298	58,566	15	4,982
FINANCING								
Unobligated balance, start of year (Direct)		(164)						
Unobligated balance, start of year (Reimbursable)		(17,201)						
Offsetting collections from:								
Federal funds	(164)	(33,370)			(172)	(36,616)		
Non-Federal sources	(3)	(500)			(3)	(500)		
Subtotal, financing	(167)	(51,235)			(175)	(37,116)		
TOTAL BUDGET AUTHORITY / APPROPRIATION	115	17,200			123	21,450		

Highlights of Program Changes

	Base		Increase / Decrease	
	FTE	Amount	FTE	Amount
Domestic and International Policies	38	\$4,648	+3	+\$895
Spectrum Efficiency and Planning Incentives			+3	+\$795

This initiative will support long-term efforts to develop a comprehensive national spectrum policy. NTIA will develop principles and policies based on economic theory to create incentives for more efficient spectrum use by Government and non-Government users. This work will provide research and options for implementation of the incentives plan called for under the President's Spectrum Policy Initiative and will support the President's budget proposal for the greater use of economic mechanisms, such as fees, as spectrum management tools.

ICANN / GAC Membership Fees 0 +\$100

NTIA is the accredited United States Government (USG) member of the Internet Corporation for Assigned Names and Numbers (ICANN) Governmental Advisory Committee (GAC). Consistent with ICANN's continuing evolution into a fully privatized entity responsible for managing the domain name system in the interests of all stakeholders, including governments, the GAC is similarly undertaking a review of its current structure and organization. By FY 2006, the GAC is expected to be funded by contributions from its membership and, as the USG representative to the GAC, NTIA requires funding to ensure the continued representation of the USG on the GAC.

Spectrum Management – Spectrum Efficiency and Planning – International Spectrum Management	32	\$6,854	+1	+\$400
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NTIA, in coordination with the FCC and the Department of State, must ensure that the necessary spectrum for Federal radiocommunications is available now and in the future; that the United States industry is able to competitively market

its radiocommunications globally; and that the world is afforded the opportunity to have access to the full array of communications from the newest radiocommunication technologies.

The initiative will enable the expansion of NTIA's capability to: (1) support radiocommunication needs and Federal government access to spectrum; (2) reach out to the developing countries to ensure that the Federal government's and industry's existing and planned radiocommunication investments will be protected; and (3) support U.S. industry's ability to compete globally in radiocommunication services.

	<u>FTE</u>	<u>Base Amount</u>	<u>Increase / Decrease FTE</u>	<u>Amount</u>
Telecommunications Science Research - Spectrum Efficiency and Planning – Interference Temperature and Noise Research (Interference Determination Initiative)	46	\$6,566	+3	+\$2,087

The Interference Determination Initiative will develop a quantifiable description of interference categories and characteristics that radio and wireless systems can cause to one another, resulting in a more accurate determination of the spectrum efficiency lost to interference and noise. This research will allow for the effective sharing of spectrum with low-power “underlays” such as ultrawideband, WiFi, and other emerging technologies.

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

	Detailed		Summary	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
2005 Appropriation			13	\$21,478
2006 Base			13	21,478
Program Changes			(13)	(19,478)
2006 APPROPRIATION			0	2,000

Comparison by Activity

	2005 Currently Avail.		2006 Base		2006 Estimate		Increase / Decrease	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
DIRECT OBLIGATIONS								
Grants	0	\$19,988	0	\$19,505	0	\$0	0	(\$19,505)
Program Management	13	2,199	13	1,973	0	2,000	(13)	27
TOTAL DIRECT OBLIGATIONS	13	22,187	13	21,478	0	2,000	(13)	(19,478)
FINANCING								
Unobligated balance, start of year		(709)						
TOTAL BUDGET AUTHORITY	13	21,478			0	2,000		
TOTAL APPROPRIATION	13	21,478						

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Public Telecommunications Facilities Planning & Construction (PTFPC)	13	\$21,478	-13	-\$19,478

The PTFPC program, in conjunction with the Corporation for Public Broadcasting, has provided support for public broadcasting's digital conversion. NTIA will discontinue this program in FY 2006. Funds appropriated in FY 2006 will be used for program administration including termination costs. In addition, recoveries and unobligated balances of funds previously appropriated to this account will be available for the administration of prior year grants.

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

	Summary	
	<u>FTE</u>	<u>Amount</u>
2005 Appropriation	0	\$0
Adjustments to Base	0	0
2006 Base	0	0
Program Changes	0	0
2006 APPROPRIATION	0	0

Comparison by Activity

	2005 Currently Avail.		2006 Base		2006 Estimate		Increase / Decrease	
	FTE	Amount	FTE	Amount	FTE	Amount	FTE	Amount
DIRECT OBLIGATIONS								
Technology Opportunity Program								
Grants	0	\$0	0	\$0	0	\$0	0	\$0
Program Management	0	1,160	0	0	0	0	0	0
TOTAL DIRECT OBLIGATIONS	0	1,160	0	0	0	0	0	0
FINANCING								
Unobligated balance, start of year	0	(1,160)			0	0		
TOTAL BUDGET AUTHORITY	0	0			0	0		
TOTAL APPROPRIATION	0	0						

Highlights of Program Changes

	<u>Base</u>		<u>Increase / Decrease</u>	
	<u>FTE</u>	<u>Amount</u>	<u>FTE</u>	<u>Amount</u>
Technology Opportunities Program Grants	0	\$0	0	0

This program was terminated in FY 2005.

NTIA Performance Measures

NTIA's strategic planning process is designed to improve the management and effectiveness of the agency and continue to address impediments to the development of innovative telecommunications services by the private sector. NTIA's spectrum management and research activities promote innovative technologies and uses of spectrum resources for affordable, alternative communications services. Facilitating broadband deployment is also a major focus of NTIA's efforts. This promising technology has the potential to revolutionize e-commerce, educational opportunities, and health care. NTIA has re-examined their performance goals and measures and reduced their goals from 3 to 2. The following table shows the measures that NTIA uses to gauge its performance. A more detailed description of these goals and measures is in the NTIA section of the Department of Commerce budget.

Performance Goals (Obligations) and Measures (Targets)

(Dollars in millions)

	2004 <u>Actual</u>	2005 Estimate / <u>Target</u>	2006 Estimate / <u>Target</u>
Goal 1: Ensure that the allocation of radio spectrum provides the greatest benefit to all people	\$28.5	\$39.0	\$42.5
Timeliness of processing	<12 business days	<12 Business Days	<12 Business Days
Number of frequency bands evaluated to determine possible improvements that could be made to use spectrum more efficiently	New	1	2
Goal 2: Promote the availability and support new sources of advanced telecommunications and information services	\$55.9	\$52.8	\$18.1
Support new telecom and info technology by advocating Administration views in FCC docket filings and Congressional proceedings	New	5 docket and proceedings	5 docket and proceedings
Quality of basic research as reflected in peer-reviewed publications	7	6 publications	6 publications
Level of technology transfer activities conducted with the private sector through the Cooperative Research and Development Agreements (CRADA)	5 CRADA	3 CRADA	3 CRADA
Total	\$84.4	\$91.8	\$60.6