

§ 1203. Research and development**(a) In general**

The Under Secretary of Homeland Security for Science and Technology, in consultation with the director of the National Institute of Standards and Technology and the chairman of the Federal Communications Commission, shall establish a research, development, testing, and evaluation program based on the recommendations of the Commercial Mobile Service Alert Advisory Committee, established pursuant to section 1202(a) of this title, to support the development of technologies to increase the number of commercial mobile service devices that can receive emergency alerts.

(b) Functions

The program established under subsection (a) shall—

- (1) fund research, development, testing, and evaluation at academic institutions, private sector entities, government laboratories, and other appropriate entities; and
- (2) ensure that the program addresses, at a minimum—
 - (A) developing innovative technologies that will transmit geographically targeted emergency alerts to the public; and
 - (B) research on understanding and improving public response to warnings.

(Pub. L. 109-347, title VI, §604, Oct. 13, 2006, 120 Stat. 1940.)

§ 1204. Grant program for remote community alert systems**(a) Grant program**

The Under Secretary of Commerce for Oceans and Atmosphere, in consultation with the Secretary of Homeland Security, shall establish a program under which grants may be made to provide for outdoor alerting technologies in remote communities effectively unserved by commercial mobile service (as determined by the Federal Communications Commission within 180 days after October 13, 2006) for the purpose of enabling residents of those communities to receive emergency alerts.

(b) Applications and conditions

In conducting the program, the Under Secretary—

- (1) shall establish a notification and application procedure; and
- (2) may establish such conditions, and require such assurances, as may be appropriate to ensure the efficiency and integrity of the grant program.

(c) Sunset

The Under Secretary may not make grants under subsection (a) more than 5 years after October 13, 2006.

(d) Limitation

The sum of the amounts awarded for all fiscal years as grants under this section may not exceed \$10,000,000.

(Pub. L. 109-347, title VI, §605, Oct. 13, 2006, 120 Stat. 1940.)

§ 1205. Funding**(a) In general**

In addition to any amounts provided by appropriation Acts, funding for this chapter shall be provided from the Digital Transition and Public Safety Fund in accordance with section 3010 of the Digital Television Transition and Public Safety Act of 2005 (47 U.S.C. 309 note).

(b) Compensation

The Assistant Secretary of Commerce for Communications and Information shall compensate any such broadcast station licensee or permittee for reasonable costs incurred in complying with the requirements imposed pursuant to section 1201(c) of this title from funds made available under this section. The Assistant Secretary shall ensure that sufficient funds are made available to effectuate geographically targeted alerts.

(c) Credit

The Assistant Secretary of Commerce for Communications and Information, in consultation with the Under Secretary of Homeland Security for Science and Technology and the Under Secretary of Commerce for Oceans and Atmosphere, may borrow from the Treasury beginning on October 1, 2006, such sums as may be necessary, but not to exceed \$106,000,000, to implement this chapter. The Assistant Secretary of Commerce for Communications and Information shall ensure that the Under Secretary of Homeland Security for Science and Technology and the Under Secretary of Commerce for Oceans and Atmosphere are provided adequate funds to carry out their responsibilities under sections 1203 and 1204 of this title. The Treasury shall be reimbursed, without interest, from amounts in the Digital Television Transition and Public Safety Fund as funds are deposited into the Fund.

(Pub. L. 109-347, title VI, §606, Oct. 13, 2006, 120 Stat. 1941.)

REFERENCES IN TEXT

This chapter, referred to in subsecs. (a) and (c), was in the original “this title”, meaning title VI of Pub. L. 109-347, Oct. 13, 2006, 120 Stat. 1936, which is classified principally to this chapter. For complete classification of title VI to the Code, see Short Title note set out under section 1201 of this title and Tables.

Section 3010 of the Digital Television Transition and Public Safety Act of 2005, referred to in subsec. (a), is section 3010 of Pub. L. 109-171, which is set out in a note under section 309 of this title.

CHAPTER 12—BROADBAND

Sec.	
1301.	Findings.
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1304.	Encouraging State initiatives to improve broadband.

§ 1301. Findings

The Congress finds the following:

- (1) The deployment and adoption of broadband technology has resulted in enhanced economic development and public safety for communities across the Nation, improved health

care and educational opportunities, and a better quality of life for all Americans.

(2) Continued progress in the deployment and adoption of broadband technology is vital to ensuring that our Nation remains competitive and continues to create business and job growth.

(3) Improving Federal data on the deployment and adoption of broadband service will assist in the development of broadband technology across all regions of the Nation.

(4) The Federal Government should also recognize and encourage complementary State efforts to improve the quality and usefulness of broadband data and should encourage and support the partnership of the public and private sectors in the continued growth of broadband services and information technology for the residents and businesses of the Nation.

(Pub. L. 110-385, title I, §102, Oct. 10, 2008, 122 Stat. 4096.)

SHORT TITLE

Pub. L. 110-385, title I, §101, Oct. 10, 2008, 122 Stat. 4096, provided that: “This title [enacting this chapter and amending section 1302 of this title] may be cited as the ‘Broadband Data Improvement Act.’”

§ 1302. Advanced telecommunications incentives

(a) In general

The Commission and each State commission with regulatory jurisdiction over telecommunications services shall encourage the deployment on a reasonable and timely basis of advanced telecommunications capability to all Americans (including, in particular, elementary and secondary schools and classrooms) by utilizing, in a manner consistent with the public interest, convenience, and necessity, price cap regulation, regulatory forbearance, measures that promote competition in the local telecommunications market, or other regulating methods that remove barriers to infrastructure investment.

(b) Inquiry

The Commission shall, within 30 months after February 8, 1996, and annually thereafter, initiate a notice of inquiry concerning the availability of advanced telecommunications capability to all Americans (including, in particular, elementary and secondary schools and classrooms) and shall complete the inquiry within 180 days after its initiation. In the inquiry, the Commission shall determine whether advanced telecommunications capability is being deployed to all Americans in a reasonable and timely fashion. If the Commission’s determination is negative, it shall take immediate action to accelerate deployment of such capability by removing barriers to infrastructure investment and by promoting competition in the telecommunications market.

(c) Demographic information for unserved areas

As part of the inquiry required by subsection (b), the Commission shall compile a list of geographical areas that are not served by any provider of advanced telecommunications capability (as defined by subsection (d)(1))¹ and to the

extent that data from the Census Bureau is available, determine, for each such unserved area—

- (1) the population;
- (2) the population density; and
- (3) the average per capita income.

(d) Definitions

For purposes of this subsection:²

(1) Advanced telecommunications capability

The term “advanced telecommunications capability” is defined, without regard to any transmission media or technology, as high-speed, switched, broadband telecommunications capability that enables users to originate and receive high-quality voice, data, graphics, and video telecommunications using any technology.

(2) Elementary and secondary schools

The term “elementary and secondary schools” means elementary and secondary schools, as defined in section 7801 of title 20.

(Pub. L. 104-104, title VII, §706, Feb. 8, 1996, 110 Stat. 153; Pub. L. 107-110, title X, §1076(gg), Jan. 8, 2002, 115 Stat. 2093; Pub. L. 110-385, title I, §103(a), Oct. 10, 2008, 122 Stat. 4096.)

REFERENCES IN TEXT

Subsection (d)(1), referred to in subsec. (c), was in the original “section 706(c)(1) of the Telecommunications Act of 1996” and was translated as reading “section 706(d)(1) of the Telecommunications Act of 1996”, which is classified to subsection (d)(1) of this section, to reflect the probable intent of Congress and the redesignation of subsec. (c) as (d) by Pub. L. 110-385, title I, §103(a)(2), Oct. 10, 2008, 122 Stat. 4096.

CODIFICATION

Section was formerly set out as a note under section 157 of this title.

Section was enacted as part of the Telecommunications Act of 1996, and not as part of the Broadband Data Improvement Act which comprises this chapter.

AMENDMENTS

2008—Subsec. (b). Pub. L. 110-385, §103(a)(1), substituted “annually” for “regularly”.

Subsecs. (c), (d). Pub. L. 110-385, §103(a)(2), (3), added subsec. (c) and redesignated former subsec. (c) as (d).

2002—Subsec. (c)(2). Pub. L. 107-110 substituted “section 7801 of title 20” for “paragraphs (14) and (25), respectively, of section 14101 of the Elementary and Secondary Education Act of 1965 (20 U.S.C. 8801)”.

EFFECTIVE DATE OF 2002 AMENDMENT

Amendment by Pub. L. 107-110 effective Jan. 8, 2002, except with respect to certain noncompetitive programs and competitive programs, see section 5 of Pub. L. 107-110, set out as an Effective Date note under section 6301 of Title 20, Education.

DEFINITIONS

For definitions of terms used in this section, see section 3(b) of Pub. L. 104-104, set out as a Common Terminology note under section 153 of this title.

§ 1303. Improving Federal data on broadband

(a) Omitted

(b) International comparison

(1) In general

As part of the assessment and report required by section 1302 of this title, the Federal

¹ See References in Text note below.

² So in original. Probably should be “section:”.

Communications Commission shall include information comparing the extent of broadband service capability (including data transmission speeds and price for broadband service capability) in a total of 75 communities in at least 25 countries abroad for each of the data rate benchmarks for broadband service utilized by the Commission to reflect different speed tiers.

(2) Contents

The Commission shall choose communities for the comparison under this subsection in a manner that will offer, to the extent possible, communities of a population size, population density, topography, and demographic profile that are comparable to the population size, population density, topography, and demographic profile of various communities within the United States. The Commission shall include in the comparison under this subsection—

- (A) a geographically diverse selection of countries; and
- (B) communities including the capital cities of such countries.

(3) Similarities and differences

The Commission shall identify relevant similarities and differences in each community, including their market structures, the number of competitors, the number of facilities-based providers, the types of technologies deployed by such providers, the applications and services those technologies enable, the regulatory model under which broadband service capability is provided, the types of applications and services used, business and residential use of such services, and other media available to consumers.

(c) Consumer survey of broadband service capability

(1) In general

For the purpose of evaluating, on a statistically significant basis, the national characteristics of the use of broadband service capability, the Commission shall conduct and make public periodic surveys of consumers in urban, suburban, and rural areas in the large business, small business, and residential consumer markets to determine—

- (A) the types of technology used to provide the broadband service capability to which consumers subscribe;
- (B) the amounts consumers pay per month for such capability;
- (C) the actual data transmission speeds of such capability;
- (D) the types of applications and services consumers most frequently use in conjunction with such capability;
- (E) for consumers who have declined to subscribe to broadband service capability, the reasons given by such consumers for declining such capability;
- (F) other sources of broadband service capability which consumers regularly use or on which they rely; and
- (G) any other information the Commission deems appropriate for such purpose.

(2) Public availability

The Commission shall make publicly available the results of surveys conducted under this subsection at least once per year.

(d) Improving Census data on broadband

The Secretary of Commerce, in consultation with the Federal Communications Commission, shall expand the American Community Survey conducted by the Bureau of the Census to elicit information for residential households, including those located on native lands, to determine whether persons at such households own or use a computer at that address, whether persons at that address subscribe to Internet service and, if so, whether such persons subscribe to dial-up or broadband Internet service at that address.

(e) Proprietary information

Nothing in this chapter shall reduce or remove any obligation the Commission has to protect proprietary information, nor shall this chapter be construed to compel the Commission to make publicly available any proprietary information.

(Pub. L. 110-385, title I, §103, Oct. 10, 2008, 122 Stat. 4096.)

CODIFICATION

Section is comprised of section 103 of Pub. L. 110-385. Subsec. (a) of section 103 of Pub. L. 110-385 amended section 1302 of this title.

§ 1304. Encouraging State initiatives to improve broadband

(a) Purposes

The purposes of any grant under subsection (b) are—

- (1) to ensure that all citizens and businesses in a State have access to affordable and reliable broadband service;
- (2) to achieve improved technology literacy, increased computer ownership, and broadband use among such citizens and businesses;
- (3) to establish and empower local grassroots technology teams in each State to plan for improved technology use across multiple community sectors; and
- (4) to establish and sustain an environment ripe for broadband services and information technology investment.

(b) Establishment of State broadband data and development grant program

(1) In general

The Secretary of Commerce shall award grants, taking into account the results of the peer review process under subsection (d), to eligible entities for the development and implementation of statewide initiatives to identify and track the availability and adoption of broadband services within each State.

(2) Competitive basis

Any grant under subsection (b) shall be awarded on a competitive basis.

(c) Eligibility

To be eligible to receive a grant under subsection (b), an eligible entity shall—

- (1) submit an application to the Secretary of Commerce, at such time, in such manner, and

containing such information as the Secretary may require;

(2) contribute matching non-Federal funds in an amount equal to not less than 20 percent of the total amount of the grant; and

(3) agree to comply with confidentiality requirements in subsection (h)(2) of this section.

(d) Peer review; nondisclosure

(1) In general

The Secretary shall by regulation require appropriate technical and scientific peer review of applications made for grants under this section.

(2) Review procedures

The regulations required under paragraph (1) shall require that any technical and scientific peer review group—

(A) be provided a written description of the grant to be reviewed;

(B) provide the results of any review by such group to the Secretary of Commerce; and

(C) certify that such group will enter into voluntary nondisclosure agreements as necessary to prevent the unauthorized disclosure of confidential and proprietary information provided by broadband service providers in connection with projects funded by any such grant.

(e) Use of funds

A grant awarded to an eligible entity under subsection (b) shall be used—

(1) to provide a baseline assessment of broadband service deployment in each State;

(2) to identify and track—

(A) areas in each State that have low levels of broadband service deployment;

(B) the rate at which residential and business users adopt broadband service and other related information technology services; and

(C) possible suppliers of such services;

(3) to identify barriers to the adoption by individuals and businesses of broadband service and related information technology services, including whether or not—

(A) the demand for such services is absent; and

(B) the supply for such services is capable of meeting the demand for such services;

(4) to identify the speeds of broadband connections made available to individuals and businesses within the State, and, at a minimum, to rely on the data rate benchmarks for broadband service utilized by the Commission to reflect different speed tiers, to promote greater consistency of data among the States;

(5) to create and facilitate in each county or designated region in a State a local technology planning team—

(A) with members representing a cross section of the community, including representatives of business, telecommunications labor organizations, K-12 education, health care, libraries, higher education, community-based organizations, local government, tourism, parks and recreation, and agriculture; and

(B) which shall—

(i) benchmark technology use across relevant community sectors;

(ii) set goals for improved technology use within each sector; and

(iii) develop a tactical business plan for achieving its goals, with specific recommendations for online application development and demand creation;

(6) to work collaboratively with broadband service providers and information technology companies to encourage deployment and use, especially in unserved areas and areas in which broadband penetration is significantly below the national average, through the use of local demand aggregation, mapping analysis, and the creation of market intelligence to improve the business case for providers to deploy;

(7) to establish programs to improve computer ownership and Internet access for unserved areas and areas in which broadband penetration is significantly below the national average;

(8) to collect and analyze detailed market data concerning the use and demand for broadband service and related information technology services;

(9) to facilitate information exchange regarding the use and demand for broadband services between public and private sectors; and

(10) to create within each State a geographic inventory map of broadband service, including the data rate benchmarks for broadband service utilized by the Commission to reflect different speed tiers, which shall—

(A) identify gaps in such service through a method of geographic information system mapping of service availability based on the geographic boundaries of where service is available or unavailable among residential or business customers; and

(B) provide a baseline assessment of statewide broadband deployment in terms of households with high-speed availability.

(f) Participation limit

For each State, an eligible entity may not receive a new grant under this section to fund the activities described in subsection (d) within such State if such organization obtained prior grant awards under this section to fund the same activities in that State in each of the previous 4 consecutive years.

(g) Reporting; broadband inventory map

The Secretary of Commerce shall—

(1) require each recipient of a grant under subsection (b) to submit a report on the use of the funds provided by the grant; and

(2) create a web page on the Department of Commerce website that aggregates relevant information made available to the public by grant recipients, including, where appropriate, hypertext links to any geographic inventory maps created by grant recipients under subsection (e)(10).

(h) Access to aggregate data

(1) In general

Subject to paragraph (2), the Commission shall provide eligible entities access, in elec-

tronic form, to aggregate data collected by the Commission based on the Form 477 submissions of broadband service providers.

(2) Limitation

Notwithstanding any provision of Federal or State law to the contrary, an eligible entity shall treat any matter that is a trade secret, commercial or financial information, or privileged or confidential, as a record not subject to public disclosure except as otherwise mutually agreed to by the broadband service provider and the eligible entity. This paragraph applies only to information submitted by the Commission or a broadband provider to carry out the provisions of this chapter and shall not otherwise limit or affect the rules governing public disclosure of information collected by any Federal or State entity under any other Federal or State law or regulation.

(i) Definitions

In this section:

(1) Commission

The term “Commission” means the Federal Communications Commission.

(2) Eligible entity

The term “eligible entity” means—

(A) an entity that is either—

(i) an agency or instrumentality of a State, or a municipality or other subdivision (or agency or instrumentality of a municipality or other subdivision) of a State;

(ii) a nonprofit organization that is described in section 501(c)(3) of title 26 and that is exempt from taxation under section 501(a) of such title; or

(iii) an independent agency or commission in which an office of a State is a member on behalf of the State; and

(B) is the single eligible entity in the State that has been designated by the State to receive a grant under this section.

(j) No regulatory authority

Nothing in this section shall be construed as giving any public or private entity established or affected by this chapter any regulatory jurisdiction or oversight authority over providers of broadband services or information technology.

(Pub. L. 110-385, title I, §106, Oct. 10, 2008, 122 Stat. 4099.)