

Address Subcommittee



February 8, 2017
1:00– 2:30 PM Eastern
Census HQ, Suitland, MD

Meeting Agenda

1:00 Welcome and Meeting Goals

- Update on Theme Definition

1:10 Address Subcommittee Charter

- Review and revise

1:45 NAD Federal User Requirements Workshop

- Purpose and Approach
- Stakeholder Questionnaire

2:15 Next Steps

- Agenda Item Suggestions

2:30 Adjourn

Theme Goals

- Define the Theme
- Establish a Charter for the Subcommittee
- Gather User Requirements
- Assess the Pilot Database
- Develop a Strategic Plan

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Address Theme Definition Update

FGDC Address Theme Definition

The Address Theme consists of the data elements, attributes, and metadata that specify a fixed geographic location by reference to a thoroughfare or landmark, or specifies a point of postal delivery, or both. The address theme does not include occupants or addressees nor does it include the features (parcels, building footprints, etc.) that may be specified by an address. The theme may include linkages between these features and other location reference methods.

– Agreed to by Address Theme Subcommittee Membership 1/30/2017

Yes = 11, No = 0, Abstain = 0

Department or Agency	Yes	No
Census Bureau	X	
Consumer Financial Protection Bureau	X	
Department of Education	X	
Department of Energy		
Department of Homeland Security	X	
Department of Housing and Urban Development		
Department of the Interior	X	
Department of Justice	X	

Department or Agency	Yes	No
Department of Labor		
National Technical Information Service		
Office of Management and Budget	X	
U.S. Postal Service	X	
Department of Transportation	X	
Department of Veterans Affairs	X	
Social Security Administration	X	

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Verb agreement

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Occupants don't go into a database, *information* about occupants goes into a database.

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“Features... specified by an address”
could include point features,
i.e. address points

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– Agreed to by Address Theme Subcommittee Membership 1/30/2017

Revised 2/8/2017

Address Subcommittee Charter

FGDC CHARTER COMPONENTS

Background

Purpose

Authorities

Scope

Objectives

Lead Agencies

Membership

Chairpersons

Subgroups

Procedures

Reports

Address Subcommittee Charter

FGDC CHARTER COMPONENTS

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boilerplate

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today's focus

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The need for a consolidated public listing of the location of every address in the United States has been recognized for many years. Many tribal, federal, state, and local organizations collect and maintain separate address databases with variable levels of completeness and accuracy. The Census Bureau maintains a Master Address File used to guide the decennial census and related programs and is considered the most complete and accurate spatially referenced national address database in existence, but limitations under U.S. Code Title 13 prevent these private data from being disclosed publically. In 2011, the Census Address Summit brought together 41 tribal, state, and local government representatives to gain a common understanding regarding the definition of an address and learn how partners collect, use, and maintain address databases. Several pilot projects came out of this summit that resulted in recommendations for data sharing, intergovernmental coordination, implementing standards and the capture of hidden or hard to capture addresses. In 2012 the Census Bureau created an Address Ontology.

These efforts laid the groundwork for the recent push to create an open National Address Database (NAD). The National Geospatial Advisory Committee (NGAC) released the influential report *The Need for a National Address Database* (2012) and this was followed by increasing calls for a NAD from concerned organizations such as the National States Geographic Information Council (NSGIC) and Urban and Regional Information Systems Association (URISA) that helped shape a 2015 GAO recommendation, “to create an address data theme with associated subcommittees and working groups to assist in furthering a national address database” (report GAO-15-193). The third U.S. Open Government National Action Plan (2015) made specific commitments to open government that included a commitment to launch a process to create a consolidated public listing of every address in the United States.

That same year, the Department of Transportation convened representatives from the tribal, federal, state, local, private sector, and non-profit communities for a National Address Database Summit to identify and discuss possible options for developing an Address Theme. There was general agreement that the Address Theme effort should be coordinated by a subcommittee of the Federal Geographic Data Committee (FGDC). In 2016, the National States Geographic Information Council (NSGIC) issued guidelines for selecting lead agencies that highlighted the work of both the Department of Transportation and Census Bureau. An Address Theme was recommended by the FGDC Executive Committee and approved as the 17th National Geospatial Data Asset (NGDA) Theme by the FGDC Steering Committee on August 8, 2016.

see Word file

Address Subcommittee Charter

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This Charter establishes the Federal Geographic Data Committee (FGDC) Address Subcommittee with the purpose of **developing and promoting a national strategy to identify, prioritize, implement, coordinate, manage, and provide oversight of activities required to access or acquire and make freely available the most accurate spatially referenced national address data available in partnership with tribal, state, local, non-profit, and private organizations.** The Address Subcommittee is accountable to the FGDC Steering Committee and provides recommendations to the FGDC Coordination Group.

Address Subcommittee Charter

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The Address Subcommittee scope of responsibilities includes the following:

- **Advise the Address Theme leads** on the creation, management, and maintenance of the Address Theme.
- **Establish a governance process** for the Address Theme.
- **Create partnerships** with tribal, federal, state, and local governments and private organizations.
- **Facilitate the availability of, and public access to,** national address data and associated metadata from distributed databases. **Investigate, evaluate, promote, and implement** new technologies to improve data acquisition, address accuracy, geocoding, and database maintenance.
- **Support coordination and standards goals,** and objectives established by federal, national, and international standards organizations such as the FGDC, the National Spatial Data Infrastructure (NDSI), American National Standards Institute (ANSI), and the International Organization of Standardization (ISO).

Address Subcommittee Charter

Background

The primary objective of the Address Subcommittee is to **support the National Spatial Data Infrastructure** through **coordination** among tribal, federal, state, and local programs and interested commercial vendors to **make spatially referenced national address data freely available**.

Purpose

Other objectives include:

Authorities

- Develop and promote a **national strategy** to access or acquire the best address data available.

Scope

- Collect **user requirements** for the Address Theme.

Objectives

- Support and **advise the Theme Lead, national data set managers, and data stewards**, to develop and maintain the Address Theme covering all 50 states, Puerto Rico, the Virgin Islands, and all other U.S. territories and possessions.

Lead Agencies

- Support the **maintenance of the Address Theme** and associated metadata. Maintain all address data in the public domain.

Membership

- **Investigate** the accessibility, accuracy, integration, and application of data collection from **emerging technologies**.

Chairpersons

- **Coordinate** tribal, federal, state, local, and private sector address requirements through federal liaisons and state GIS councils/committees or the equivalent.

Subgroups

- Facilitate the implementation and compliance with **Federal standards, policies, and protocols** as they apply to acquisition, management, development, and maintenance of address data.

Procedures

- Facilitate an **Address Theme Governance Board** that recommends to the Subcommittee actions and guidance on creating and maintaining the Address Theme to meet national requirements.

Reports

- Be aware of tribal, federal, state, and local **emergency operations requirements** for data processing and distribution capabilities to assure and facilitate data use when needed.

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The Subcommittee **may create subgroups at the discretion of the Subcommittee Co-chairs** to carry out its activities and meet its responsibilities. The establishment of subgroups of more than 12 months duration and the abolishment of any such subgroup requires the approval of the FGDC Coordination Committee. Participation in these groups may be drawn from both Member and Partners, but only Members may vote on Subgroup decision-making.

NAD Federal User Requirements Workshop

Pre-Workshop Questionnaire

- I. NAD Uses
- II. Content Requirements
- III. Metadata Requirements
- IV. Functional Requirements



Return completed questionnaires by
COB Feb. 13th to mark.lange@census.gov

NAD Federal User Requirements Workshop

NAD Pilot Minimum Content Guidelines

The Address Itself

- Address Number
- Street Name
- Subaddress
- City/Town/Place
- County
- State
- Zip

Geographic Location of the Address

- Lat/Long
- National Grid Coordinates

Metadata About the Address

- Address authority
- Address source
- Address date
- Unique ID
- Type
(residential, commercial, etc.)
- Placement
(rooftop, driveway access, etc.)

NAD Federal User Requirements Workshop

Agenda Outline

- I. Introductions
- II. Theme Management Process
- III. NAD Background
- IV. Pre-Workshop Questionnaire Results
- V. Breakout Sessions:
 - Content Requirements
 - Metadata Requirements
 - Functional Requirements
- VI. Breakouts Summary
- VII. Conclusions

Next Steps

- ❖ NAD Federal User Requirements Workshop
 - ❖ February 21, 2017, 9:00am - 3:00pm
 - ❖ DOT, Navy Yard, Washington, DC

Thank You

**NEXT MEETING: Wednesday, March 8th
1:00-2:30 pm Eastern
DOT, Washington, DC**



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