Address Subcommittee Meeting

February 5, 2020
11:00 pm – 12:30 pm Eastern
U.S. Census Bureau
Suitland, MD
Meeting Agenda

1. Welcome and Introductions/Roll Call

2. Action Items from January Meeting
   • Update on FIPS vs. GNIS Codes – Matt Zimolzak

3. NAD Updates – Amy Nelson

4. National States Geographic Information Council (NSGIC) NAD Stakeholder Workshop – Lynda Liptrap

5. Oak Ridge National Laboratory USA Structures Program – Mark Tuttle

6. Address Workflow Validations Matrix – Matt Zimolzak

7. Address Content Subgroup Update – Dave Cackowski

8. Puerto Rico Address Data Working Group Update – Lynda Liptrap

9. Initiative for Civic Address Systems Assessment in Puerto Rico (iCASA PR) – Raul Rios

10. Action Item Review – Dave Cackowski

11. Adjourn
November Meeting Action Items

- Update on FIPS vs. GNIS Codes – Matt Zimolzak
NAD Updates
National Address Database
Status by State as of Aug. 01, 2019

[Map of the United States with states colored to indicate status]

Legend:
- Green: Accepted (48.6m)
- Light Green: In Progress
- Yellow: In Queue
- Pink: No Data / No Statewide Program
- Purple: Not in Public Domain
- Light Purple: Not Yet Contacted

Not all states have 100% coverage.
National States Geographic Information Council (NSGIC)

NAD Stakeholder Workshop
NSGIC NAD Stakeholder Workshop

National Address Database Stakeholder Workshop: Developing Strategies to Support a Sustainable NAD
Workshop Information

In conjunction with the National States Geographic Information Council (NSGIC) Midyear Meeting, NSGIC is convening a half-day workshop for state and federal stakeholders of the National Address Database.

Goals:

- Develop a recommendation for the lead federal agency for the NAD
- Explore potential funding sources for NAD support
- Identify existing programs that can be used to support the NAD
- Explore NAD value and beneficiaries, including federal and state agencies and programs and in the private sector
- Define the role NSGIC can play to facilitate the development and aggregation of the state address databases for incorporation into the NAD

WHERE

Monday, March 2, 2020
8:30am - 12:30pm

Hotel Albuquerque
800 Rio Grande Blvd NW
Albuquerque, NM 87104
Oak Ridge National Laboratory USA Structures Program
Address Workflow Validations Matrix
Address Workflow Validations Matrix

What is it?

• A more detailed supplement to address workflow charts
• Suggested validations and tests
• Both influencing and influenced by the ongoing work of the Address Content Subgroup.
• Continuously evolving / Work in progress
State Based Address Workflow Chart
Provides Detail for State / System Actor Actions

Primarily:

• Spatial Data Load Test (Ingest, Box 5)
• State Schema Normalization (Box 12)
• Validations (Box 19)
• But can (and does) apply to other actions/tasks from the Workflow Chart(s).
# Address Workflow Validations Matrix

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<th>Validation</th>
<th>Spatial Validations</th>
<th>Condition</th>
<th>Federal</th>
<th>State</th>
<th>Borough/Intersection</th>
<th>Number/Numbers</th>
<th>Land or Community</th>
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**Schema Validations**

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**Address Workflow Validations**

[FGDC.gov](http://FGDC.gov)
Features

- Organized in a matrix format
  - Check marks or box numbers
  - Easy cross-referencing
- Validation Categories
  - Spatial
  - Schema
  - Data
  - Anomalies
- Validation ID - Numeric reference for validation
- Validations / Sub-Validations - Specific tests
- Condition - Required / Recommended
  - Occasionally Mixed, based on specific circumstances.
Features (Continued)

- Actor / Box #
  - Repeated for each actor Address Workflow Chart
  - Box # currently populated for State actor only

- Six FGDC Address Classes:
  - Thoroughfare
  - Intersection
  - 2 Number
  - Unnumbered
  - Landmark
  - Community

- Details - Relevant notes / information
Validations Review / Future Features

• Individual Validations Review (Time permitting)

• Future Features
  • Populate Box #s for other actor, address workflow charts
  • New tab for FGDC Address Standard, Validation Test IDs
    • Cross-referenced by Validation ID / Validation
    • Currently in development by the team
Questions and Discussion
Address Content Subgroup Update
Work Since August 2019

• Provided white papers in response to committee questions
• Reviewed Federal User Group workshop recommendations
• Discussion of additional place name items including:
  • Overlapping municipalities
  • Native American Areas
• Discussion of additional attributes
Preparing full report for submittal to the committee, covering:

1. Review of NAD studies and reports since 2012
2. NAD Scope
3. Workflow Subgroup recommendations
4. NAD capability/content list (28 capabilities)
5. Detailed address content item descriptions
6. Additional tasks for 2020
Puerto Rico Address Data Working Group Update
Phase Two Objectives

Step 1:
- Identify the challenges facing federal agencies that manage Puerto Rico address data.

Step 2:
- Create a comprehensive inventory of federal agency challenges through a Phase Two questionnaire.

Step 3:
- Document the collective challenges for federal agencies that manage Puerto Rico address data.
Phase Two Status

• Initial Draft Phase 2 Report completed last week

• Report to the Address Subcommittee expected for March meeting
For More Information On The PRADWG

• Address Theme Community
  • https://communities.geoplatform.gov/ngda-address/
• Puerto Rico Address Data Working Group
  • https://communities.geoplatform.gov/ngda-address/puerto-rico-address-data-working-group/
• PRADWG as a Proof Point for the Federal Data Strategy
  • https://strategy.data.gov/proof-points/2019/07/26/pradwg/
Initiative for Civic Address Systems Assessment in Puerto Rico (iCasaPR) Update
Action Items
Thank You

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           Steve Lewis
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           202-366-9223