Address Subcommittee Meeting

May 8, 2019
11:00 am– 12:30 pm Eastern
US Department of Transportation
Meeting Agenda

1. Welcome and Introductions/Roll Call

2. NAD Updates – Steve Lewis

3. Puerto Rico Address Data Working Group Update – Dave Cackowski

4. NAD State Based Address Workflow Proposal – Matt Zimolzak

5. Update from Address Content Subgroup – Dave Cackowski

6. Action item review – Dave Cackowski

7. Adjourn
NAD Updates
Texas Parsing

• Of the 9.3 million points, only 315 weren’t run through the parser due to missing data
• Lots of hours expended on this effort, resulting in 7.3 million records successfully parsed
• A report will be generated and supplied to Texas, but it’s unlikely any corrections will be made in the short term
• With Texas’s approval, the 7.3 million points will be added to the NAD
Wisconsin - Status

• ETL and QA complete
• Of the 2.1 million points, 1.4 million are ready for the NAD
• Of the remaining points, about 300,000 were flagged as duplicates and about 400,000 having missing or incorrect address numbers.
• Report will be submitted to Wisconsin this week
Investigating New Partners

- Based on a recent web search for statewide GIS portals, address points (in some cases, partial coverage) were found for
  - Connecticut
  - Florida
  - Hawaii
  - Illinois
  - New Hampshire
  - West Virginia

- Open data = no worry about PRA
Existing Partners

• New Jersey and Ohio are still unable to provide updates.
• Prioritizing updates from other partners by vintage of their NAD data.
• Will be reaching to the oldest states first for updates:
  - New Mexico
  - Montana
  - District of Columbia
  - Indiana
  - Virginia
NAD V2 Available for Download

• A second release of the NAD is now available!
• File geodatabase and flat ASCII formats
  – https://s3.amazonaws.com/nationaladdressdata/NAD_r2_WithMetadata.zip
  – https://s3.amazonaws.com/nationaladdressdata/NAD_r2_ASCIIWithMetadata.zip
• Almost 47 million points
• DOT web page will be updated by the end of the week
• How can we market the release?
National Address Database
Status by State as of Mar. 25, 2019

- 22 States: Accepted (46.7m)
- 3 States: In Progress
- 3 States: In Queue
- 5 States: No Data / No Statewide Program
- 5 States: Not in Public Domain

Not all states have 100% coverage.
Puerto Rico Address Data Working Group Update
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• Working Group Identified as a need at a workshop in October 2018

• Objective
  • Document and socialize proven practices for collecting, managing and sharing Puerto Rico address data within federal agencies
  • Encourage the implementation and update of existing national address standards for Puerto Rico addresses managed by federal agencies
  • Publish recommendations for address content that corresponds to the Proven Practices gathered across federal agencies.
Puerto Rico Address Data Working Group Update

• Kick-Off Meeting, April 2, 2019
• April 30 Meeting
  • Working Group Charter Approved
  • Agency Submittal of Proven Practice Inventory
  • Subgroup convened to write document detailing proven practices
• Subgroup will develop report 5/15-6/24/2019
• Working Group Wrap-Up Meeting June 27, 2019
NAD State Based Address Workflow Proposal — Workflow Subgroup
State Based Address Workflow

- (State Based) Address Workflow Chart
- Accompanying State Based Address Workflow Description Document
- Suggested Validations and Tests (Future Deliverable)
State Based Address Workflow Chart

- Chart
  - Depicts Flow
  - Illustrates Swim Lanes (Actors)
    - Local Address Authority
    - State
    - System
    - Federal
- Legend (2nd page) - Describes Chart Symbols
  - Color - Five Process Phases
    - Initial Schema Review and Validation - Lavender
    - Normalization - Orange
    - Validation - Green
    - Aggregation - Blue
    - Final Feedback/Correction - Fluorescent Pink
  - No Color - Activities Outside the State Based Address Workflow
1. Color descriptions - Process phases

2. Parallelogram - File/Input

3. Box/Rectangle - Tasks/Actions


5. Plain Diamond - Exclusive Gateway (binary decision)

6. Diamond with Circle - Inclusive Gateway (conditional paths)

7. Arrows - Workflow direction.

8. Oval - Process end.
Workflow Process Phases

• We recommend parsing the process phases

• States could take alternative approaches to parsed processes
  • Could combine some of the processes, like initial schema review and normalization.
  • Could skip some processes, like initial schema review.
  • Recommend Validation as a Distinct Process
State Based Address Workflow Described

- State Based Address Workflow Description Document
  - Purpose
  - Swim Lane Descriptions
  - Numbered Chart Object Descriptions
Address Workflow Subgroup

Thanks to all the Address Workflow Subgroup team members for the detailed discussions and making this happen!

- Dan Ross - GIO, State of Minnesota; Co-chair, Address Workflow Subgroup (retired/emeritus); Chartmaster Extraordinaire
- Martha Wells - URISA; Tenacious Representative of Local Address Authority Interests
- Joe Sewash - Virginia Geographic Information Network Coordinator, Integrated Services Program; Bringer of Clarity
- Nate Workman - IT Specialist, FEMA; Federal Perspective; Patience
- Matt Zimolzak - Address Dataset Manager, Census Bureau; Dataset Manager, National Address Database; Humble(?) Chair, Address Workflow Subgroup
- Jason Warzinik - Director, Boone County, MO IT/Technology Division; Address Workflow Team Member (retired/emeritus)
Questions and Discussion
Address Content Subgroup Update
Action Items
Thank You

Contacts:  Lynda Liptrap  
           lynda.a.liptrap@census.gov  
           301-763-1058  

           Steve Lewis  
           steve.lewis@dot.gov  
           202-366-9223