

National Address Database Update

National Geospatial Advisory Committee

June 11, 2019

Presented by

Steve Lewis, U.S Department of Transportation



Since we last met

- Good News – After more than 2 months of being in “stop work” mode, the new NAD developer started in mid-September 2018
- Bad News
 - Only enough funding for $\frac{3}{4}$ time
 - There were several weeks lost due to knowledge transfer
 - The knowledge transfer was promptly followed by the 34 day government shutdown

New Partner - Texas

- Submitted data in December 2018
 - 9.3 million records
- Data was unparsed
- New developer had to parse the data and transform it to the NAD format

Texas Parsing

- Used an open source address parsing script hosted on GitHub developed by DataMade and the University of Sussex
 - <https://github.com/datamade/usaddress>
- Parsing was done in 100,000 feature blocks to minimize rework due to parsing errors
- Base code was turned into a script to minimize the parsing translation from the native format to the NAD schema

Texas Parsing – Part 2

- 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 was generated and supplied to Texas in late May, but it's unlikely any corrections will be made in the short term
- The 7.3 million points will be added to the NAD and included in the next release

New Partner - Wisconsin

- Submitted data in April 2019
 - 2.1 million points
- ETL and QA complete
- Of the 2.1 million points, about 300,000 were flagged as duplicates and about 400,000 having missing or incorrect address numbers
- Report was submitted to Wisconsin in early May
- The remaining 1.4 million had no errors and will be added to the NAD and included in the next release

New Partner – Wyoming

- No statewide address program, but WYGEO is helping to gather county data
- To date, 3 of the 24 Wyoming counties have agreed to provide data (~44,000 address points)
- Another 3 counties have parcel layers that could be turned into addresses
- Outreach continues

Existing Partners

- New Jersey and Ohio are still unable to provide updates
- Prioritizing updates from other partners by vintage of their NAD data
- Received update from New Mexico in April
- Received updates from New York/New York City and Montana last week
- Expect to receive updates from Arizona, Colorado, Delaware, Massachusetts, and Virginia over the next few weeks

Changing Status – Kansas

- Formerly in the “Not in the Public Domain” category
- Based on discussions with USDOT about the NAD, the Kansas GIO spent the last year lobbying the county data providers to grant permission to include their data in the NAD
- Of the 105 counties, 76 have agreed to release their data
- Expect a Kansas submission soon.

NAD V2 Available for Download

- A second release of the NAD was made available in early May
- 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
- Includes basic metadata
- Also available from the DOT website
 - www.transportation.gov/nad
- Hope to do quarterly releases

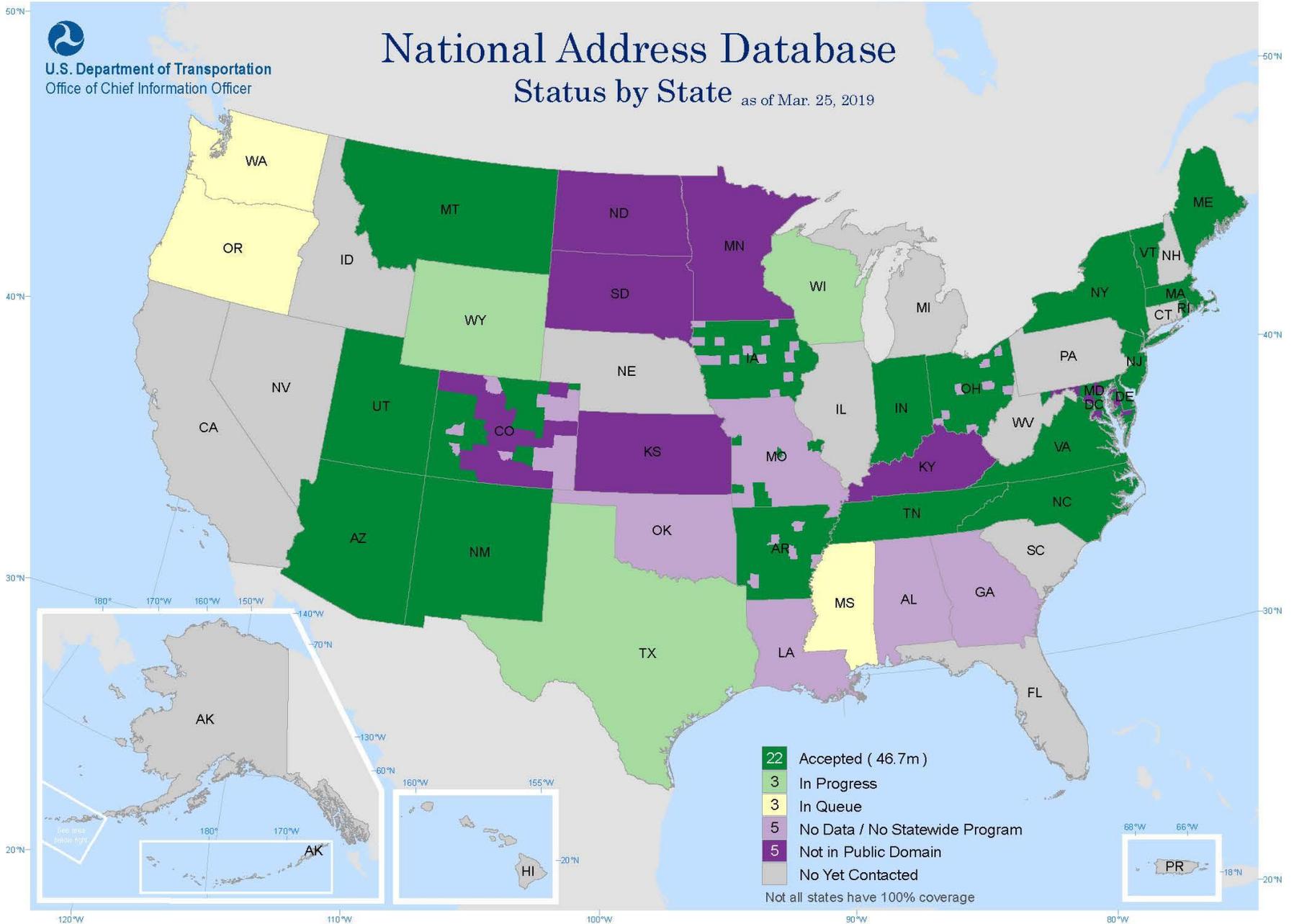


U.S. Department of Transportation
Office of Chief Information Officer

National Address Database

Status by State

as of Mar. 25, 2019



Address Theme and NAD Team Contacts

Steve Lewis

steve.lewis@dot.gov

202-366-9223

Lynda Liptrap

lynda.a.liptrap@census.gov

301-763-1058

Matt Zimolzak

matthew.a.zimolzak@census.gov

301-763-9419

David Cackowski

g.david.cackowski@census.gov

301-763-5423

Puerto Rico Address Data Working Group

David Cackowski
Census Bureau
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Puerto Rico Address Data Working Group

- 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

- 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