<u>Meeting Notes</u>
FGDC Address Subcommittee
December 8, 2021
Webinar

<u>Attendance (34 Total):</u>

Florinda Balfour, U.S. Department of Veterans Affairs
Dierdre Bevington-Attardi, U.S. Census Bureau
Dave Cackowski, U.S. Census Bureau
Sara Cassidy, U.S. Census Bureau
Megan Compton, State of Indiana
Rodger Coryell, State of New York
Julie Dixon, U.S. Census Bureau
Michael Fashoway, State of Montana
Jason Ford, GISinc/U.S. Department of Transportation
Chris Friel, Michael Baker International
Chris George, U.S. Virgin Islands
Rogelio Gonzalez Sanchez, Puerto Rico Planning Board
Laura Henderson, U.S. Census Bureau
Ashley Hitt, Connected Nation
Stuart Irby, U.S. Census Bureau
Steve Lewis, U.S. Department of Transportation
Phil Markert, U.S. Citizenship and Immigration Services
Julia O'Brien, Federal Emergency Management Agency
Christopher Portell Rivera, Federal Emergency Management Agency
Raúl Ríos-Díaz, iCasaPR
Richard Robinson, U.S. Department of Housing and Urban Development
Karen Rogers, State of Wyoming
Dan Ross, State of Minnesota
Jill Saligoe-Simmel, ESRI
Orlando Santaella-Cruz, Puerto Rico Department of Housing
Joe Sewash, State of Virginia
Diane Snediker, U.S. Census Bureau
Thomas Springsteen, HIFLD/Booz Allen Hamilton
Brian Timko, U.S. Census Bureau
Sean Uhl, U.S. Census Bureau
Ed Wells, URISA
Martha Wells, URISA
Steve Whitney, Pima County, Arizona
Matt Zimolzak, U.S. Census Bureau

<u>Meeting Summary</u>

National Address Database (NAD) Updates, Steve Lewis, Jason Ford (DOT)
- 28 states have provided whole address data.
- 5 states have tribal or local participation
- Accepted data for 19 whole states and 14 partial states.
- All TX data is in the most recent release
- Age of submission by state:
    - Most data are less than 6 months old 14 states
    - 11 states less than one year old
    - 3 states less than two years old
    - 3 states less than three years old
    - MO and OH more than three years old
- 18 states have not provided data.
- Release 8 has been published
    - 65,460,370 records
    - There are still a lot of inconsistencies and omissions of ZIP Code throughout the NAD.
        - Due to partnership with USPS to append official ZIP to addresses, we have not been requiring or conducting checks against this field.
    - New functions have been created to generate alternative text for web page updates with each release.
        - From each category in the legend, the count of states is spelled out and the list of states is organized in alphabetical order.
        - Can generate a report in paragraph format.
- Web Feature Service is planned to be updated this week.
    - New models have been built to automate generating updated hex-bin layers with each release to reduce publishing timeline.
- Federal Railroad Administration (FRA) routinely uses the commercial geocoder on ArcGIS Online (AGOL).
- FRA supplied a list of Montana addresses from their latest geocode.
- Results were compared to the NAD.
- A typical result shows that there is 180ft between the commercial geocoder and the NAD.
- Another example shows almost a mile difference between the commercial geocode in the road and the NAD address point on the rooftop at the end of a long driveway.
- The biggest discrepancy was an address point for 100 Railroad Ave. which the NAD has in Montana, and the commercial geocoder found this same address in Texas.
- As a proof of concept this shows the NAD points are a better source for geocoding.
- Discussion:
    - Joe Sewash – When there are discrepancies between the NAD and USPS Zip Codes do those get overwritten and do the states get notified? Steve – USPS Zip Codes are appended, and we aren't releasing that data yet. Matt – it is a workflow issue. The workflow subgroup will weigh in on this once we start meeting again

in the new year. And USPS appends Zip Codes only for matched address records. Jason – and USPS has a match for almost all NAD records.

- o Raul Rios – Should be aware that there are a series of flags for each USPS record. Record types and quality flags are generated for every record that they code; these are critical for the quality of the matching. Appending these quality flags to the record would also be useful to see the errors immediately and reduce the miscodes.
- o Jason – We're aware of some coverage gaps from some cities in Texas, but the overall coverage now is much better than previous submissions. Matt – there are only three counties that have no or little data. Dallas County has very little coverage or Wichita. Nueces counties has no coverage for Corpus Christi and Aransas Pass. But quite an increase in coverage overall for Texas. Jason – we added almost 5 million records in Texas, which is larger than any other datasets we process.

NAD Content Requirements Report Update, Dave Cackowski (Census)

- The Address Content Subgroup is nearing completion editing the NAD Content Requirements Report.
- The Subgroup will submit the report to Steve and Matt for their approval and then it will go to the full Subcommittee.

NAD Strategy Subgroup Update, Steve Lewis (DOT)

- No meeting last week.

FGDC Address Standard Maintenance Subgroup Update, Sean Uhl (Census)

- No November meeting.
- We are scheduled for a meeting next week.
- We are still trying to get a GeoPlatform web page. Dave Cackowski will follow up with Jim Irvine in January 2022.

Puerto Rico Civic Address Vulnerability Evaluation (PRCAVE) Update, Raúl Ríos-Díaz, Jon Sperling (iCasaPR):

- Vieques Street Naming Project – Street naming and house numbering in "municipio" de Vieques.
    - o Vieques is an island and one of the 78 municipios of Puerto Rico.
    - o Project is important because of emergency services needs.
    - o Moving to the data creation phase now.
    - o No hospital since Hurricane Maria. There is a 2-hour trip to the nearest hospital with recent tragic consequences in the community.
    - o Field Work Lessons
        - ▪ Capturing the oral history is informative.
        - ▪ Cultural issues – French legacy, i.e., names have become corrupted, there are Spanish versions of the French names.
        - ▪ Creating consensus for names is a process.
    - o Lessons Learned

- Lack of resources is challenging.
- Need to integrate locals and outside players; currently landmarks are used to navigate in Vieques.
- Need to convince government players of the need for street names and an open dataset that everyone can use.
  - o Next Steps
    - iCasaPR technical support to work on the data collected.
    - Foster verification between Census Bureau and US Postal sources.
    - Develop tools to support NAD sharing.
    - Hope to be the first contributors to the NAD in Puerto Rico to show the rest of the municipios how this can be done.

Action Items
- NAD Content Requirements Report sent to Steve and Matt – Dave Cackowski
- Contact GeoPlatform staff to set up Address Standard Maintenance Group web page – Dave Cackowski

Next meeting: Wednesday, January 12, 2022 at 11am ET.