National Address Database Update

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NGAC Meeting
September 5, 2019
Progress in Year 2 (11/2018 to present)

• NAD Release 2 made available in May 2019
• Received initial submissions from Texas (9.2 million) and Wisconsin (2.1 million)
• Received updates from 9 states: Arizona, Arkansas, Delaware, Massachusetts, Montana, New Mexico, New York, Tennessee, and Utah
• Oregon will provide an initial submission soon
New Partners

• Kansas, originally a “not in the public domain” state, will provide an initial submission soon (76 of 105 counties)

• Georgia, Louisiana, and Wyoming (all without a statewide address programs) will be submitting data from individual counties and parishes
  • Have already received data from Campbell, Crook, and Teton counties in Wyoming
  • Have already received data from East Baton Rouge and Terrebonne parishes in Louisiana

• Nebraska, who is a year away from being able to provide data, became a partner and was added to the “In Queue” category
New Partners - Tribal

• The National Tribal Geographic Information Support Center has been encouraging tribes to participate in the NAD
• The Rosebud Sioux Tribe in South Dakota has agreed to become a partner and has provided data
• The Seneca Nation in New York has agreed to become a partner, but their data is already included in the New York roll-up of address points
• Originally scheduled for release in the first week of August

• During final QC during the last week of July, problems were discovered in the Texas data
  – Parsing not as successful are we originally thought and reported
  – Too many errors to fix and still meet an August release
  – Texas pulled from Release 3
NAD Release 3 Available for Download

• Release 3 of the NAD was made available in late August
• 48.6 million records
• File geodatabase and flat ASCII formats
  – https://nationaladdressdata.s3.amazonaws.com/NAD_r3_revised.gdb.zip
  – https://nationaladdressdata.s3.amazonaws.com/NAD_r3_revised_ASCII.zip
• Includes basic metadata
• Also available from the DOT website
  – www.transportation.gov/nad
National Address Database
Status by State as of Aug. 27, 2019

- **Accepted (48.6m)**
- **In Progress**
- **In Queue**
- **No Data / No Statewide Program**
- **Not in Public Domain**
- **Not Yet Contacted**

Not all states have 100% coverage.
The NAD as a NGDA

• Two requirements:
  – Provide metadata that is harvestable by GeoPlatform and data.gov (easy)
  – Provide a Web Mapping Service (not so easy)
The NAD in Use

• Why do we need a national address point database to improve wildfire public safety in the U.S.?, Dr. Dapeng Li, Assistant Professor of GIS, Department of Geography and Geospatial Sciences, South Dakota State University, https://www.sciencedirect.com/science/article/pii/S212420919302419?via%3Dihub

• Health Risk Index application, OGC Disaster Response Pilot, Ajay Gupta, Health Solutions Research, Inc.
The Current State

• The contract with GIS Inc. expired on 8/31 and could not be extended (time and materials contracts can only run 2 years)

• NHTSA will likely provide funding again, but not available until 10/1

• NAD development went into “stop work” on 9/1 and be likely remain there for 30 – 90 days
NAD Timeline

NAD Summit

NAD Pilot

Year 1 with Developer

Year 2 with Developer

October 2015

April 2015

July 2016

July 2017

October 2018

July 2018

Now
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