

NYS 9-1-1 GIS Standards Workgroup Webinar

February 20, 2014

Agenda

1. Update on NENA Standards
2. NENA NG9-1-1 & GIS Training Classes
3. SAM Production Schedule Changes
4. Public Access to SAM Address Points
 - Direct download
 - Web services
 - Geocoding service
5. SAM Address Points in ArcReader Map Packages
6. Potential topics for future webinars
7. Next webinar – 3/20/2014

NENA GIS-Related Standards

- *Civic Location Data Exchange Format (CLDXF) Standard*
 - Breaks out addresses into smallest data elements
- *NG9-1-1 GIS Data Model Standard*
 - Identifies the GIS data layers & defines attributes
- *Site/Structure Address Point GIS Data for 9-1-1*
 - Where to place a point & how many points
 - An Information Document, not a Standard
- *Provisioning and Maintenance of GIS data to ECRF/LVF Standard*
 - Loading local GIS data into regional, statewide, and national databases
- *NG9-1-1 Data Management Standard*
 - Discrepancy Reports for errors discovered during data provisioning
- NENA web site: www.nena.org

NENA Standards

NG9-1-1 CLDXF Standard

- ✓ Standard completed & submitted to NENA leadership for review:
 - ✓ Internal NENA Authoring Committee Review
 - ✓ Internal NENA All Committee Review
 - ✓ Public review
 - ✓ Second public review (ended 10/5/2012)
- ✓ NENA Workgroup reviews comments & updates document
- ✓ Revised standard submitted for publication (12/19/2013)
- Standard published (expected March 2014)

NENA Standards

NG9-1-1 Data Model Standard

- ✓ Standard completed & submitted to NENA leadership
- ✓ Internal NENA Authoring Committee Review (ended 6/22/2012)
- ✓ **NENA Workgroup reviews comments & updates document**
- Revised standard submitted to NENA leadership for review:
 - ✓ Internal NENA All Committee Review – expected spring 2014 (10 business days)
 - ✓ Public review (15 business days)
- NENA Workgroup reviews comments & updates document
- Revised standard submitted for publication

NENA Standards

Site/Structure Address Point GIS Data for 9-1-1

- ✓ Workgroup initiated (8/15/2012)
- ✓ **Draft Information Document**
- Document completed & submitted to NENA leadership for review:
 - ✓ Internal NENA Authoring Committee Review – expected summer 2014 (10 business days)
 - ✓ Internal NENA All Committee Review (10 business days)
 - ✓ No public review
- NENA Workgroup reviews comments & updates document
- Revised document submitted for publication

NENA Standards

Provisioning and Maintenance of GIS data to ECRF/LVF Standard

- ✓ Standard completed & submitted to NENA leadership for review:
 - ✓ Internal NENA Authoring Committee Review
 - ✓ Internal NENA All Committee Review
 - ✓ Public review (ended 1/16/2014)
- ✓ NENA Work Group reviews comments & updates document
- Revised standard submitted for publication

NENA Standards

NG9-1-1 Data Management Standard

- ✓ Standard completed & submitted to NENA leadership
- ✓ Internal NENA Authoring Committee Review (ended 11/2/2012)
- ✓ NENA Workgroup reviews comments & updates document
- Revised standard submitted to NENA leadership for review:
 - ✓ Internal NENA All Committee Review – ends February 28, 2014 (10 business days)
 - ✓ Public review (15 business days)
- NENA Workgroup reviews comments & updates document
- Revised standard submitted for publication

GIS Data Preparation for NG9-1-1

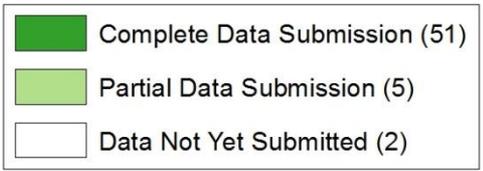
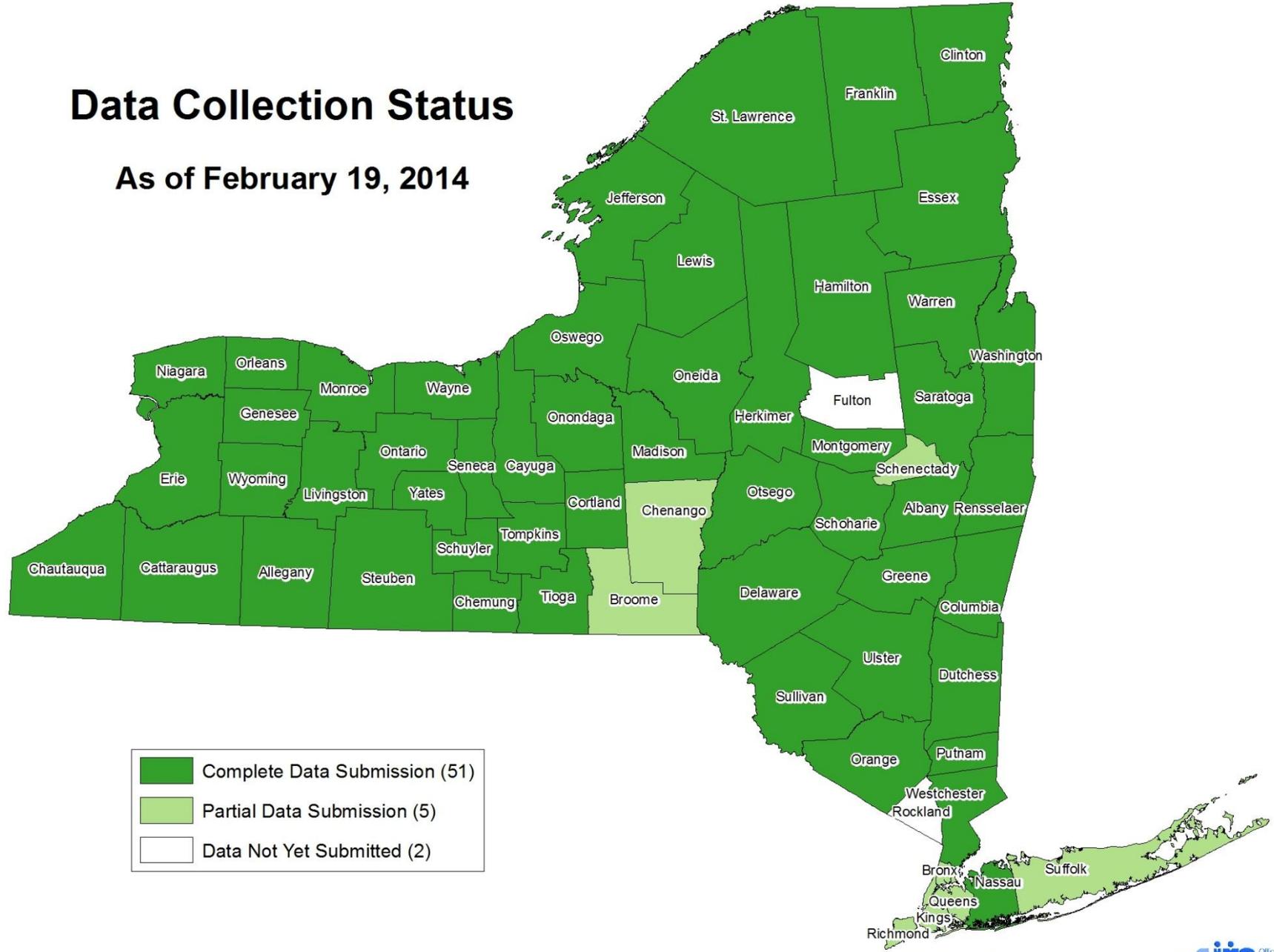
- FREE NENA training (modest lunch fee)
- Class size is 40 people
- 5 regional locations
 - Monday, April 28 – Western New York
 - Tuesday, April 29 – Central New York
 - Wednesday, April 30 – Northern New York
 - Capital District/Upper Hudson Valley (date TBD)
 - Lower Hudson Valley/NYC/Long Island (date TBD)
- Suggested attendees
 - Maintainers of GIS Address files, MSAGs, and ESZ files
 - Those involved in address verification
- Upcoming survey
 - Willing to host?
 - What nearby counties are you able to send people to?
 - Number of attendees from each office that would attend

SAM Production Schedule Changes

- Funds expires September 30, 2014
- Goal is to complete all counties
- ITS working directly with New York City
- Factors influencing reordering
 - Availability of 2013 orthoimagery
 - Signed Data Usage Agreements
 - Availability of updated data
 - Processing time needed between large counties
- Tentative County Data Build List posted

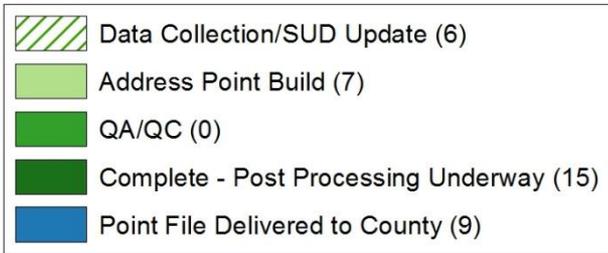
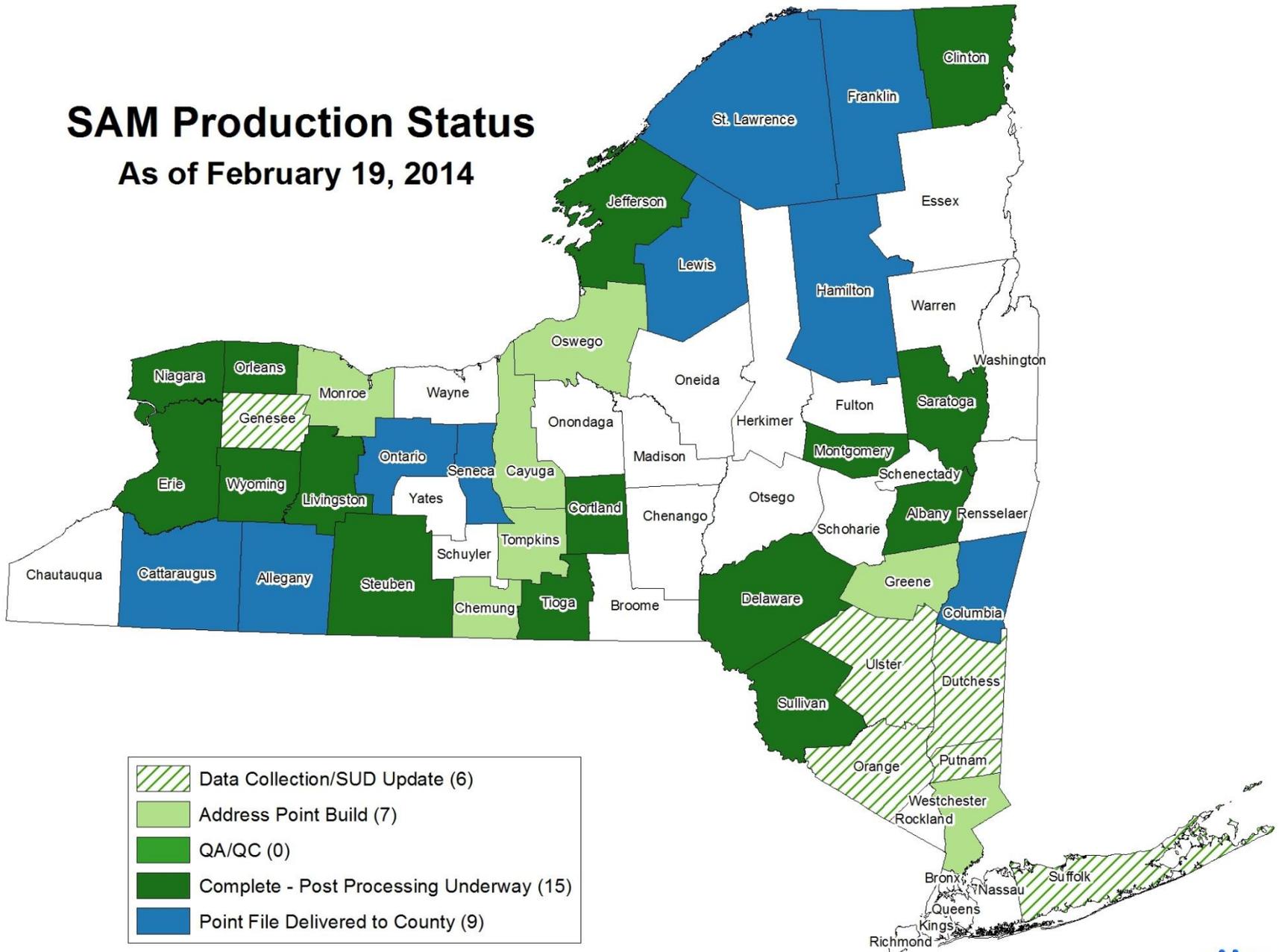
Data Collection Status

As of February 19, 2014

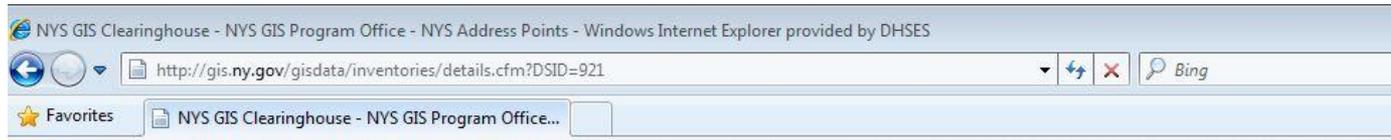


SAM Production Status

As of February 19, 2014



Accessing SAM Data



GIS Data Set Details

Data Set Name	Description	Theme	Metadata
NYS Address Points	Point files of addressed properties in New York State. Data is not complete statewide. Data is copyright protected.	Cadastral (tax parcels) Miscellaneous	n/a

Supporting Documentation

- [Data Dictionary-Streets and Address Points \(Revised 01/14\)](#)
- [Geocoding - ESRI Instructions](#)

Web Service

A web service of the SAM Address Point file is available here:
<http://gisservices.dhSES.ny.gov/arcgis/rest/services>. The web service named SAM_Address_Points_Symbolized has different symbology for each of the 5 PointType values (see image). The web service named SAM_Address_Points has all points symbolized the same way. The SAM Address Point files are projected in Web Mercator (Auxiliary Sphere).

Address Point Type

- Rooftop
- Primary Structure Entrance
- Driveway Entrance
- ▲ Parcel Centroid
- Miscellaneous

Geocoding service

If the purpose of downloading the address points is for geocoding, NYS ITS has a publicly available geocoding service which includes the address points along with other layers. The geocoding service is named NYS_Points_Streets and can be found here:
<http://gisservices.dhSES.ny.gov/arcgis/rest/services>.

The NYS Address Point File is changing! Please see the [SAM project](#) about future updates to the statewide address point file.

Direct Download

Files available to the Public

Files	Download	Metadata
Address Points - SAM	<ul style="list-style-type: none"> GEODATABASE SHAPE 	<ul style="list-style-type: none"> Metadata Metadata

<http://gis.ny.gov/gisdata/inventories/details.cfm?DSID=921>



ArcReader Map Packages

- Useful for those who don't have GIS software
- Data deliverables and original source data
- View and Identify capabilities
- Allows on-screen markups
- Requires free Esri viewer
 - <http://www.esri.com/software/arcgis/arcreader>
- Posted on FTP site in County folders
- Instructions to use will be on SAM web page
- Demo

Next Workgroup Meeting

- March 20, 2014
- Potential topics for future calls
 - How to set up and use the geocoding service
 - Parsing addresses into NENA's CLDXF format
 - Other suggestions?