



**Office of Information
Technology Services**

Census Activities and Local Update of Census Addresses (LUCA)

Briefing for the Geospatial Advisory Council

December 12, 2017

Census 2020 Activities in NYS

Participants

- Workgroup of key state agencies spun up to prepare for Census 2020
 - Chamber
 - Homes and Community Renewal
 - DOL's State Data Center
 - Department of State
 - Council on Children & Families
 - GIS Program Office
 - Budget
- SME Contractors
 - Cornell University (via DOL)
 - Bob Scardamalia (via CCF)

Census 2020 Activities in NYS

Focus Areas

- Boundary Annexation Survey (BAS)
- Boundary Quality and Assessment Reconciliation Project (BQARP)
- Local Update of Census Addresses (LUCA)
- Participation of NYS residents in the enumeration

Boundary Annexation Survey (BAS)

Focus Areas

- Annual BAS Certification Program
 - Annual certification of legal boundary changes (e.g. dissolutions, incorporations, annexations, etc.)
 - Laura Close (DOL) is the State Certifying Official
 - GPO's NYSP GIS Support and Boundaries Program works with Laura and DOS to confirm changes
 - Local Laws related to municipal boundary changes must be filed with DOS

Boundary Annexation Survey (BAS)

Focus Areas

- Consolidated BAS (CBAS)
 - County level government responds to BAS on behalf of their local governments
 - NYS benefits from efficient and thorough responses to BAS

Boundary Quality Assessment Reconciliation Project (BQARP)

Focus Areas

- One time opportunity to improve the spatial quality of the Census' boundaries
- BAS is then used to maintain the boundaries
- GPO's NYSP GIS Support and Boundaries Program provided the NYS Civil Boundaries file in July 2017 for a preliminary comparison
- Many "boundary correction" discrepancies noted which do not require legal documentation to change
- NYS Civil Boundaries to be provided to Census in 2018 for BQARP processing after which Census will reach out to NYS to help resolve any major discrepancies

Boundary Annexation Survey (BAS)

2018 Timeline

- **January 2018:** 2018 BAS outreach begins
- **February 2018:** NY State Certifying Official submits certification of 2017 BAS
- **March 1, 2018:** Deadline to submit to BAS for the American Community Survey (ACS) & Population Estimates Program (PEP)
- **May 31, 2018:** Final BAS submission deadline
- **August 2018:** Data collection deadline for NY BQARP
- **November 2018:** BQARP processing for New York
- **November 2018 - February 2019:** Feedback on BQARP findings

Local Update of Census Addresses

LUCA Focus Areas

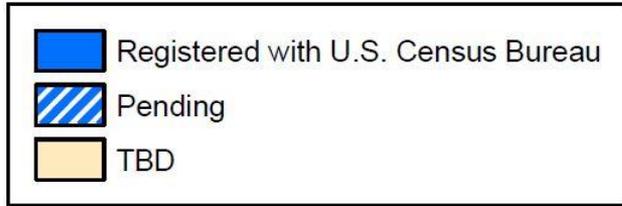
- Census residential address list review
 - Addresses where enumeration forms will be sent
 - Tribes, States, counties, towns, villages
 - Higher level governments can review on local's behalf
- New for Census 2020
 - Geographic Update Partnership Software (GUPS) & WMS
 - Census Geocoder
 - Digital files of residential structure lat/long coordinates

Local Update of Census Addresses

NYS Focus Areas

- LUCA Participation
 - Goal to have 100% county participation
 - State conferences, regional meetings, and one-on-one meetings
- Provide useful tools, data, and resources
 - LUCA Training (CCF)
 - Students/Interns (CCF)
 - New York Block Browser LUCA Evaluation System (NYBBLES)
 - DMV driver's license addresses (GPO)
 - SAM Address Points added since data build (GPO)
 - National Grid customer addresses not in SAM (GPO)

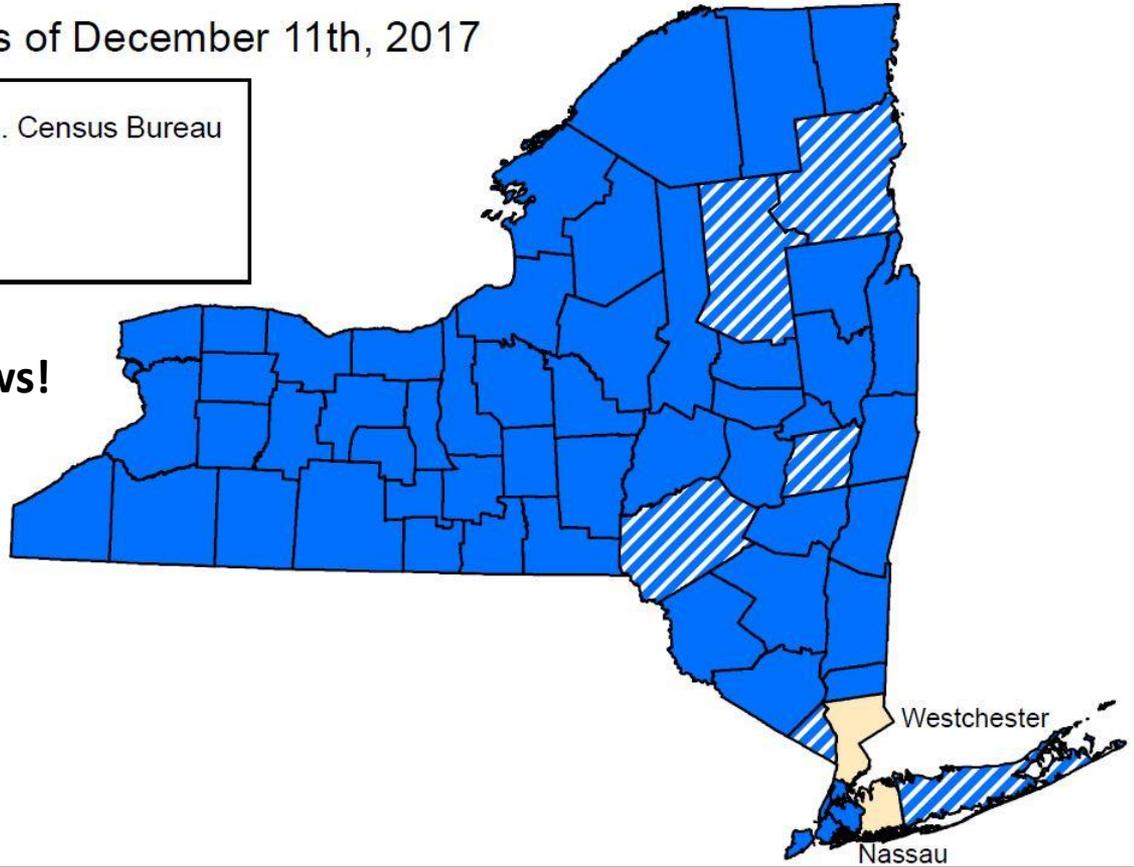
LUCA Participation as of December 11th, 2017

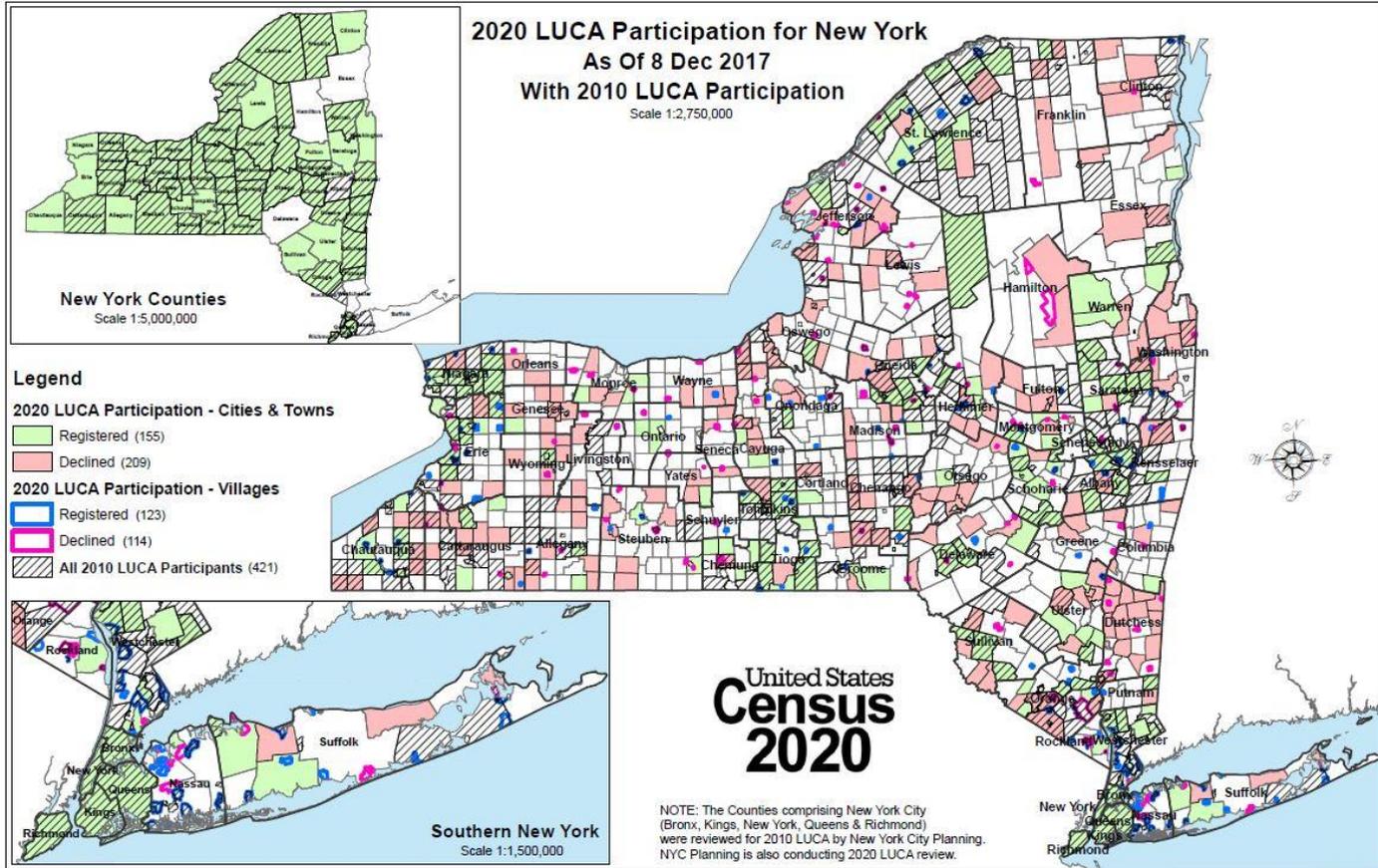


Late breaking news!

Additional signees:

- Albany
- Hamilton
- Delaware
- Nassau





Local Update of Census Addresses

NYBBLES

- Developed by Cornell
- LUCA analysis tool
 - Compares Census MAF address block counts to NYS ORPTS derived address block counts
 - Identifies high risk, high priority areas
 - Useful for prioritizing blocks to review
 - Statistical tables, maps, and User Guide



Home Up Contact

Cornell Program on Applied Demographics

Rensselaer

Show on NYBBLES map

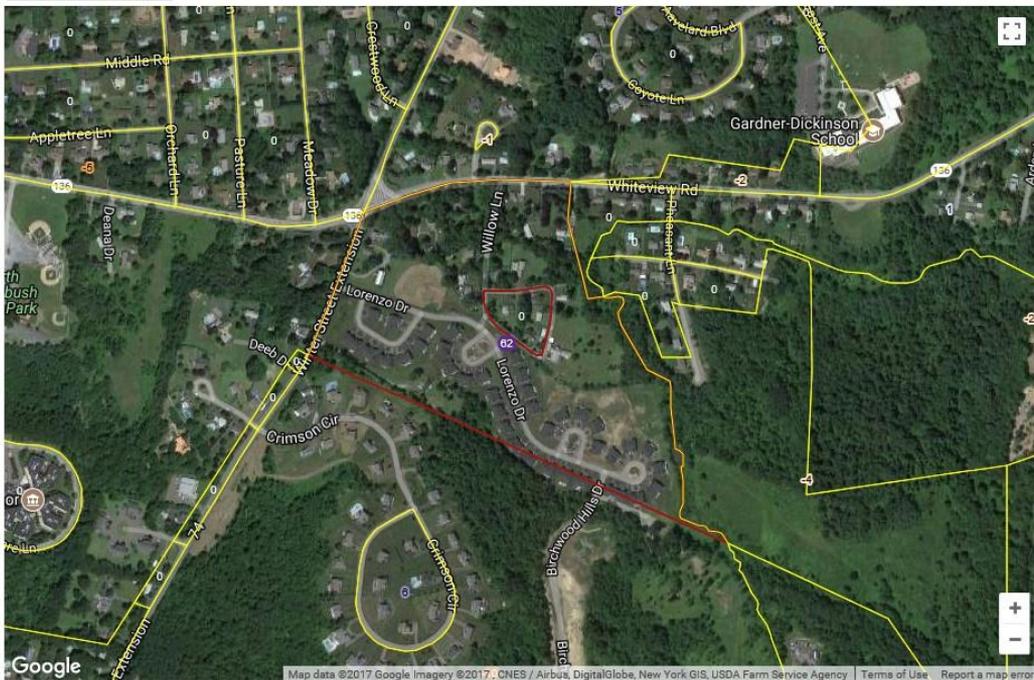
Download in Excel format

User Guide

Show 25 entries

GEOID10	Tract	Town/City	Place	LUCA GQ count	Census 2010 HU count	LUCA 2017 HU count	RPTS 2016 HU count	SAM count	RPTS - LUCA	RPTS - Census
360830523044016	052304	North Greenbush town	Wynantskill CDP	0	18	19	81	81	62	63
360830523044042	052304	North Greenbush town	Remainder of town	0	88	88	97	90	9	9
360830523041000	052304	North Greenbush town	Remainder of town	0	0	66	73	67	7	73
360830523044046	052304	North Greenbush town	Wynantskill CDP	0	1	1	7	7	6	6
360830523044018	052304	North Greenbush town	Wynantskill CDP	0	65	70	75	70	5	10
360830523043033	052304	North Greenbush town	Remainder of town	1	39	40	44	40	4	5
360830523043015	052304	North Greenbush town	Remainder of town	0	3	10	14	9	4	11
360830523012011	052301	North Greenbush town	Remainder of town	0	13	19	22	18	3	9
360830523013026	052301	North Greenbush town	Remainder of town	0	55	53	55	56	2	0
360830523013023	052301	North Greenbush town	Remainder of town	0	29	31	33	30	2	4
360830523012012	052301	North Greenbush town	Remainder of town	0	27	30	32	29	2	5
360830523042011	052304	North Greenbush town	Wynantskill CDP	0	28	24	26	24	2	-2
360830523012008	052301	North Greenbush town	Remainder of town	0	15	17	19	16	2	4





Zoom to block:

Show County

GEOID10	360830523044016
RPTS estimate	81
LUCA HU count	19
Difference	62
LUCA GQ count	0
Census 2010 HU count	18

Double click in block to open information on the parcels within that block



Zoom to block:

GEOID10	
RPTS estimate	
LUCA HU count	
Difference <div style="width: 100%; height: 10px; background-color: #ccc;"></div>	
LUCA GQ count	
Census 2010 HU count	
Double click in block to open information on the parcels within that block	

Cornell Program on Applied Demographics

Home Up Contact

Block 360830523044016

[Download addresses in Excel format](#) [User Guide](#)

Locality	
Census 2010 Housing Unit count	18
LUCA 2017 Housing Unit count	19
LUCA 2017 Group Quarters count	0
RPTS based Housing unit count	81
Total number of SAM points	81
Rooftops and structure entrances	

[Show on NYBBLES map](#)
[Show in American Factfinder](#)
[Show in Google maps](#)
[Show in Bing maps](#)
[Show in NYS Orthos Online](#)

Parcels with RPTS based residential counts that overlap with this block (Click on parcel for more details)

# residential units in block	Parcel address (% overlap with this block)	Parcel property class
1	257 Winter Street Ext (100%)	210 - One Family Year-Round Residence
1	20 Whiteview Rd (100%)	210 - One Family Year-Round Residence
1	42 Whiteview Rd (100%)	210 - One Family Year-Round Residence
1	46 Whiteview Rd (100%)	210 - One Family Year-Round Residence
1	50 Whiteview Rd (72%)	210 - One Family Year-Round Residence
1	19 Willow Ln (100%)	210 - One Family Year-Round Residence
1	84 Lorenzo Dr (51%)	210 - One Family Year-Round Residence
1	96 Lorenzo Dr (100%)	210 - One Family Year-Round Residence

Site	Residential units	Property class	Year built	SQFLA	Kitchens	Full baths	Bedrooms
1	1	210 - One Family Year-Round Residence	2012	1600	1	2	3

Addresses in SAM within parcel and within block (1)

- 1 - 94 Lorenzo Dr (100%)
- 1 - 92 Lorenzo Dr (100%)
- 1 - 90 Lorenzo Dr (82%)
- 1 - 88 Lorenzo Dr (49%)
- 1 - 86 Lorenzo Dr (53%)

Addresses in SAM within parcel but outside block (0)

Local Update of Census Addresses

Important Links

- Census: LUCA website

<https://www.census.gov/geo/partnerships/luca.html>

- Cornell: NYBBLES website

<https://pad.human.cornell.edu/census2020/nybbles.cfm>

- CCF: LUCA Training webinars

<http://ccf.ny.gov/council-initiatives/census-2020-get-prepared/luca-training-webinars>

Local Update of Census Addresses

LUCA Timeline

- **July 2017:** Invitation letter mailed to Highest Elected Officials (HEO)
- **December 15:** Deadline to register for LUCA
 - No late registrations
 - Does not commit to participating but holds opportunity
- **February 2018:** LUCA materials begin to be mailed
 - All entities in a state receive materials within a 5-8 day span
 - 120-calendar day review period (from date LUCA materials received)
- **August-September 2018:** Feedback materials sent to participants
 - 30 Calendar day appeal period

The 2020 Enumeration

Focus Areas

- Getting NYS residents to participate
- Outreach to local leaders
- Language barriers
- Online response option
 - Multiple modes/devices
 - Multiple languages