
Count Review

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What is Count Review?

- Effort by the FSCPE
- Effort to improve the Census
 - Two parts:
 - Housing Units
 - Group Quarters

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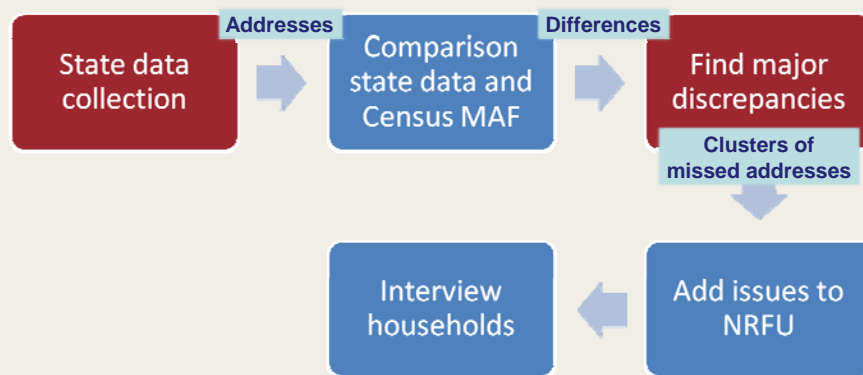
Housing Units

- Goal:
 - Find clusters of housing units missing from the U.S. Census Bureau Master Address File (MAF)
- How:
 - Create a state address list with corresponding geographic locations
 - Source: Real Property data
 - Compare with the MAF

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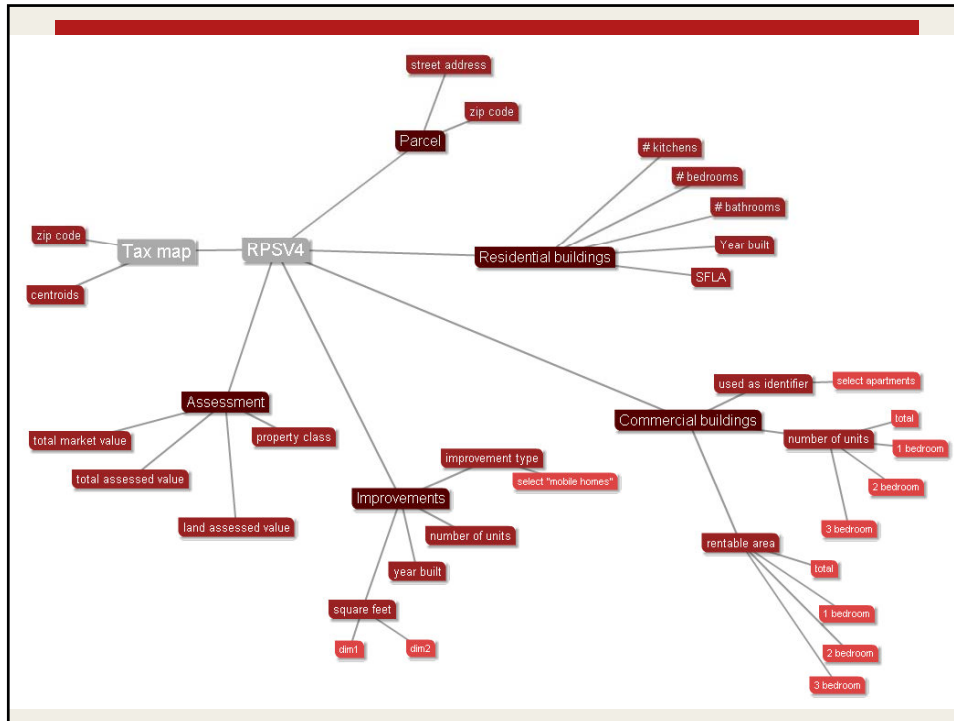


Housing Units address review



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Collected parcel data

- [Link to example](#)

Parcel information (Printkey: 66.-6-1)

Address	Zipcode	Lat,Long
Location 211 Cobb St NY 14850	42.43974	-74.71115

Lat/long of parcel centroid:
 - Make sure within parcel
 - In largest part when multi-part

Often zipcode missing
 - Generated using GIS

County	Place
0	38077

Total # housing units	Total Building value
2	\$146,000

Residential Buildings				Commercial Buildings			
Record #	Units	Sq. feet	Yr Built	Record #	Units	Sq. feet	Yr Built
1	2	1,456	1952				

Not a standard field
 - Looked at property class and
 - Number of kitchens

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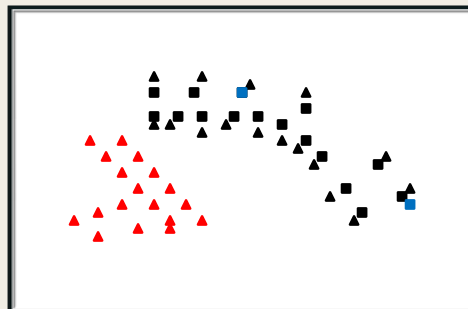
Housing Units review

- When:
 - February/March 2010
 - In time to feed into Census 2010 field operations

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Review Tool



- Unmatched Census
- Matched Census
- ▲ Matched State
- ▲ Unmatched State

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HU Count Review results

- New York:
 - Data collected:
 - 36 counties
 - 1,5 million addresses – 2 million housing units
 - 1,669 Housing units added to Field operations
- Nation wide:
 - 36 million addresses sent in
 - 86,732 addresses added to Field operations
 - 2,454 blocks flagged for additional update/leave

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Type of issues found

- Missing 'new' developments
 - Streets missing in TIGER?
- Missing mobile home parks
 - Temporary or permanent living quarters?
- Missing multi-unit structures
- Canvassing errors

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Address list: other uses?

- Verifying Census products
 - TIGER
 - Identifying missing streets (or street segments)
 - MAF
 - Push for more frequent review, since MAF is sample frame of other surveys
 - Housing units estimates
- Sub-county estimates

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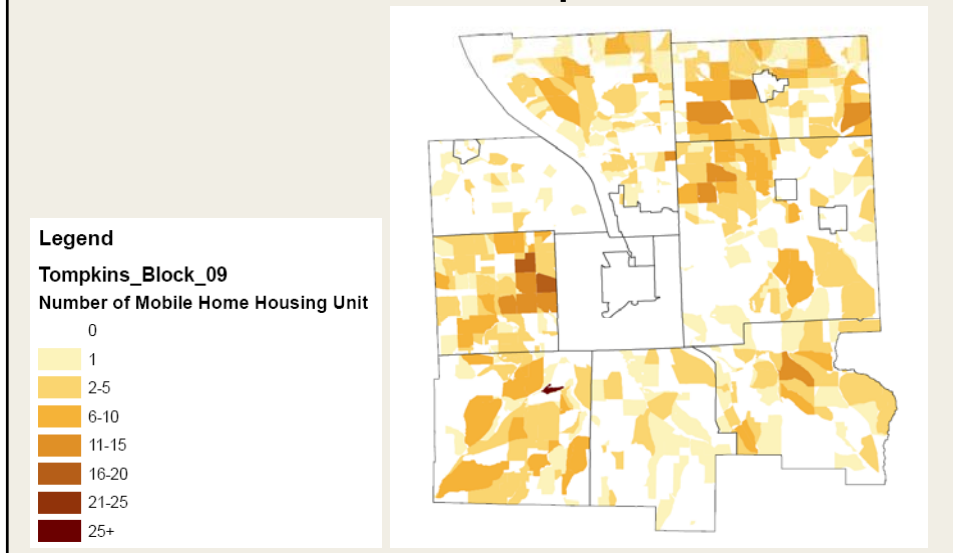
Address list: other uses?

- Mapping housing units with certain characteristics
 - Where are the mobile homes?
 - Where are houses built since 2000?
 - Etc.
- Number of residential housing units in a given area
 - E.g. # HU in the plume of an explosion

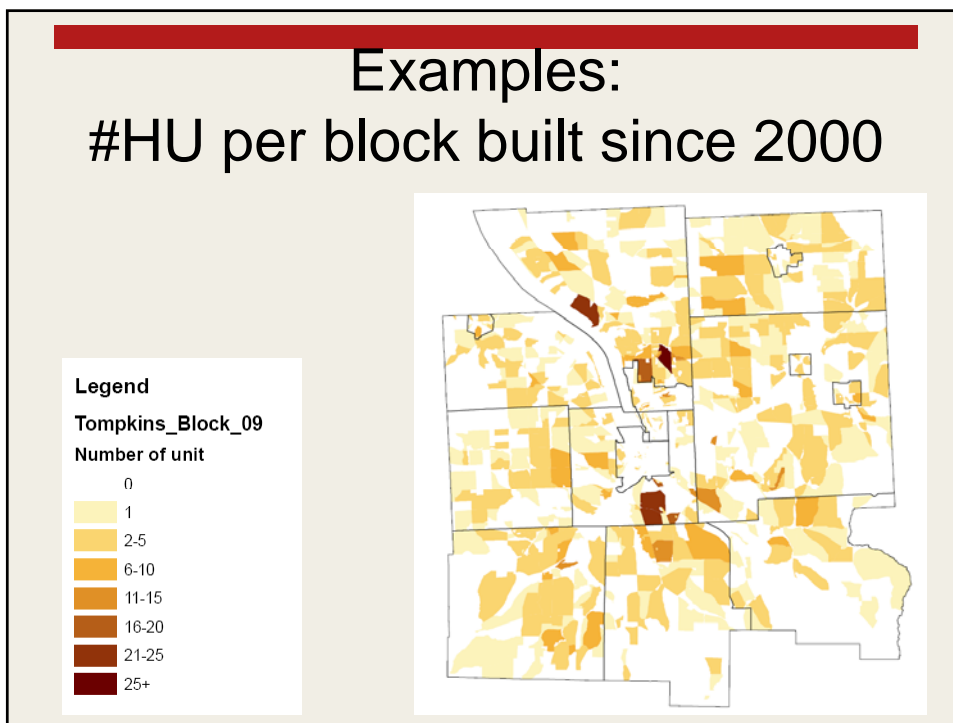
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Examples: Mobile homes per block



Examples: #HU per block built since 2000



Lessons learned

- Real Property data worked well for this purpose, but:
 - Records not always complete and consistent
 - Geographic coordinate system does not always match up
 - Not meant to define single housing units
- Need cooperation of many parties to collect data

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Lessons learned

- Most of collected addresses were already in the MAF
- Census Bureau POP-division put a lot of effort in Count Review
 - Some internal struggles with other divisions
- Review tool was up to the task, but had some issues
- Additional need for documentation unclear and labor intensive

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Group Quarters

- Scope:
 - Correctional facilities
 - Nursing homes
 - Dormitories
 - Military barracks
 - Labor camps, job corps centers

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Group Quarters

- Scope (continued)
 - Missing GQs
 - Miss allocated GQs (in the wrong place)
- NOT IN SCOPE
 - Count of number of residents
 - GQ type indication

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Group Quarters

- Fields
 - Name
 - Address
 - Institution
 - Capacity
 - Lat/Long

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Group Quarters

- What if we find a missing GQ
 - Establish proof of existence and proof it was not closed on April 1st
 - Census will try to contact GQ
 - we are asked to help collecting contact information
 - If LCO still open then field operations will be contacted

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Group Quarters

- Data collection
 - Already have many GQs in a database with locations
 - Updated web interface
 - [Link](#)

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GQ list: other uses?

- Support for annual Group Quarters report
- Update MAF in future
 - Current GQ update process in MAF is lacking
 - GQ's in ACS need improvement
- Help with needs assessments

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