Group Quarters Count Review

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SDC meeting, October 2010

GQ Count Review

• Who: Federal State Cooperative Population Estimates (FSCPE)
• When: August 9-13, 2010
  – After the Census
  – Counts as of July 23’th were attached
• U.S. Census Bureau
Census Bureau
Geographic Data Collection

• During canvassing and GQ validation
  – lat/long
• Sometimes during GQ enumeration
  – Only tabulation block id, no lat/long
  – Not clear in what cases geo data assigned in enumeration
  – In these cases: Often facility name in GQ name field

Scope

• Types in scope
  – Correctional facilities for adults
  – Nursing homes
  – Student dormitories
  – Military barracks
  – Worker dorms

• Counts and Group Quarters type were OUT of scope
State geographic data collection

- Many people helped matching Campus maps, addresses and direction descriptions, etc. to aerial maps and lat/longs.

Review tools

- Census tool
  - Table based, eliminating matching rows until all State records were matched
- Cornell tool
  - Map based, eliminating matching markers
## Table example

<table>
<thead>
<tr>
<th>Source</th>
<th>Name</th>
<th>Geo</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Best Western University Inn Hotel</td>
<td>42.43798,-76.46157</td>
</tr>
<tr>
<td>C</td>
<td>Comfort Inn</td>
<td>42.43311,-76.516286</td>
</tr>
<tr>
<td>S</td>
<td>Comfort Inn Ithaca Hotel</td>
<td>42.42315,-76.51576</td>
</tr>
<tr>
<td>S</td>
<td>Country Inn &amp; Suites Ithaca</td>
<td>42.40719,-76.50537</td>
</tr>
<tr>
<td>C</td>
<td>Courtyard By Marriott Ithaca Lansing Hotel</td>
<td>42.48348,-76.48544</td>
</tr>
<tr>
<td>C</td>
<td>Courtyard Hotel</td>
<td>42.483413,-76.465276</td>
</tr>
<tr>
<td>S</td>
<td>Econo Lodge Ithaca Hotel</td>
<td>42.48202,-76.4825</td>
</tr>
<tr>
<td>C</td>
<td>EconoLodge Ithaca Hotel</td>
<td>42.482013,-76.482421</td>
</tr>
<tr>
<td>C</td>
<td>Hilton</td>
<td>42.440736,-76.497334</td>
</tr>
<tr>
<td>S</td>
<td>Hilton Garden Inn Ithaca Hotel</td>
<td>42.44054,-76.49754</td>
</tr>
<tr>
<td>S</td>
<td>Holiday Inn Ithaca Hotel</td>
<td>42.43757,-76.49943</td>
</tr>
<tr>
<td>C</td>
<td>Homewood Suites</td>
<td>42.48047,-76.49331</td>
</tr>
<tr>
<td>S</td>
<td>Homewood Suites Ithaca Hotel</td>
<td>42.48044,-76.47905</td>
</tr>
<tr>
<td>C</td>
<td>Ithaca Holiday Inn</td>
<td>42.43793,-76.499297</td>
</tr>
<tr>
<td>C</td>
<td>Meadow Court Hotel</td>
<td>42.434726,-76.507271</td>
</tr>
<tr>
<td>S</td>
<td>Meadow Court Inn Ithaca Hotel</td>
<td>42.43423,-76.50745</td>
</tr>
<tr>
<td>C</td>
<td>Ramada Inn</td>
<td>42.482962,-76.48727</td>
</tr>
<tr>
<td>S</td>
<td>Ramada Ithaca Executive Conference Center Hotel</td>
<td>42.4829,76.48834</td>
</tr>
<tr>
<td>C</td>
<td>University Inn</td>
<td>42.437347,-76.461521</td>
</tr>
</tbody>
</table>

## Map example

![Map example](image_url)
Review process

FSCPE Reviewer
- Identify issue address

Census Bureau Liaison
- Check address against complete MAF
- Check documentation

FSCPE Reviewer
- Provide documentation

Regional Census Center staff
- Check issue against newest collection data
- Check documentation
- Contact GQ

Issues

- Missing
- Zero population
- Misallocation
Missing Process (Reviewer)

• Start with a state GQ not in the MAF
• Am I sure about my own record?
  – Was the GQ open on 4/1/2010?
  – What proof do I have?

Documentation

• Provide documentation for following:

  - GQ name
  - Lat/long
  - Street Address
  - Building in aerial view
Misallocation Process

• Similar to missing
  – No check on HU’s or other GQ’s at this address
  – Regular Census Bureau staff (without local knowledge) making the final decision

Personal Experience

• Luckily I came well prepared
• Found some missing
• Noticed some misallocations
  – Mostly to neighboring block
  – Filed a few issues to correct municipality
  – Left most misallocations alone (out of time)
  – Hope GQs are at least counted within block we looked at
Impressions

• Quality MAF + lat/long
  – Seemed to be very complete
  – Geographic accuracy varies
    • Lots of records with only block information
  – Group Quarters names sometimes messy
  – Inconsistent and missing facility names
  – Many duplicate records
    • E.g. One address with over 100 records in this GQ-extract

Frustrations

• Documentation requirements
• We had to split up clearly related issues
• Our records were held to a higher standard than the Census records
  – Block ID was not sufficient
  – Dorms do not have individual addresses (see MAF)
• If Google says so, it must be true
Frustrations

• State records were deleted from the Census tool for missing Zip codes
• Inconsistent GQ classification
  – Dorms classified as housing units
  – Nursing homes/Group homes for adults/Residential

Questions