Using OnTheMap to Measure Neighborhood Change

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LED Partnership Workshop
3.7.16
Center for Urban and Regional Affairs

• 45+ years of Community Engagement history

• Student-based research

• Faculty-led research

• Technical Assistance
  - Community GIS

The Center for Urban and Regional Affairs (CURA) connects the resources of the University of Minnesota with the interests and needs of urban communities and the region for the benefit of all.
LODES Data Since 2004
Outline

• CURA / M3D
• Minneapolis demographics
• Resident Area Characteristics (Race & Income)
• Combining LED & other data
• Advantages of using LED over other sources
Demographic Future

Population: White non-Hispanic

Hennepin County

City of Minneapolis

Data Source: Decennial U.S. Census

Data Source: American Community Survey
1-year estimates
The Myth of Gentrification?

MINNPOST
If Twin Cities gentrification is a myth, what’s the real problem?

By Bill Lindeke | 01/14/16

In Twin Cities, gentrification not really hurting the poor, UMN study says

A view of St. Paul, looking east from a rooftop near the intersection of Lafond Avenue and Milton Street, includes St. Agnes Catholic Church’s onion steeple clock tower, the Minnesota Capitol and, foreground, St. St. Stephenus Lutheran Church. (Pioneer Press archives: Joe Oden)
Reality of Neighborhood Change

• Community Concerns (Cano, Gente-fy Mpls)
   https://twitter.com/people4alondra/status/649355514216775681

• Seward Co-op “Friendship Store”
Percentage African-American

2010 Distribution of Race and Ethnicity
Black or African American

City Total: 66,971

Population of One Race:
Black or African American alone,
Not Hispanic (by census block)

100 or more
50 to 99
25 to 49
10 to 24
1 to 9
none

Prepared by CRPD Research
Source: 2010 Census Redistricting file
April, 2011
Percentage Latino/Hispanic

Ward 5

Ward 9
Import from SHP
Methodology

• Home Area Profile
  o 2009-2013
  o Primary Jobs
    ▪ 2009 key demographic variables added (race, ethnicity, educational attainment)

• Destination Analysis
  o 2009-2013
  o Top 25 Zip Code destinations
Change in White Alone (RAC)

Minneapolis 2%
Ward 9 = 21%
### All Races/Ethnicity (RAC)

#### Jobs by Worker Race

<table>
<thead>
<tr>
<th>Race</th>
<th>2009</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Count</td>
<td>Share</td>
</tr>
<tr>
<td>White Alone</td>
<td>6,280</td>
<td>69.3%</td>
</tr>
<tr>
<td>Black or African American Alone</td>
<td>1,798</td>
<td>19.8%</td>
</tr>
<tr>
<td>American Indian or Alaska Native Alone</td>
<td>280</td>
<td>3.1%</td>
</tr>
<tr>
<td>Asian Alone</td>
<td>489</td>
<td>5.4%</td>
</tr>
</tbody>
</table>

#### Jobs by Worker Ethnicity

<table>
<thead>
<tr>
<th>Ethnicity</th>
<th>2009</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>920</td>
<td>1,082</td>
</tr>
</tbody>
</table>

Total Primary Jobs increase of 1,304 from 9,063 to 10,367 (14%)
## High Income Earners ($>3,333/mo.)

<table>
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<th>Jobs by Worker Race</th>
<th>2009</th>
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<th>2013</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Count</td>
<td>Share</td>
<td>Count</td>
<td>Share</td>
</tr>
<tr>
<td>White Alone</td>
<td>2,322</td>
<td>79.7%</td>
<td>3,078</td>
<td>83.6%</td>
</tr>
<tr>
<td>Black or African American Alone</td>
<td>345</td>
<td>11.8%</td>
<td>367</td>
<td>10.0%</td>
</tr>
<tr>
<td>American Indian or Alaska Native Alone</td>
<td>64</td>
<td>2.2%</td>
<td>53</td>
<td>1.4%</td>
</tr>
<tr>
<td>Asian Alone</td>
<td>125</td>
<td>4.3%</td>
<td>134</td>
<td>3.6%</td>
</tr>
</tbody>
</table>

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<th>2009</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Hispanic or Latino</td>
<td>137</td>
<td>4.7%</td>
<td>191</td>
<td>5.2%</td>
</tr>
</tbody>
</table>

White Alone increase of 32%
Change in High Earning Residents

Minneapolis +20%
Ward 9 = +25%

Decrease in Younger workers, increase in older workers

Industry Increases in Professional/Scientific, Health Care, Arts/Entertainment, Construction
Comparing Wards 5 & 9 with City

• Change in Total Primary Jobs
  o Minneapolis 1.3%
  o Ward 9 = 14.4%

• Change in White Alone Employed Residents
  o Ward 5: -3%
  o Ward 9: +21%
  o Minneapolis: +2%
Other Data

• Number of Units, Vacancy
  o No increase in # of Units
  o Decrease in vacancy %

• Property Data (sale price, homestead status)
  o Median sale price increasing
  o Owner Occupied % increasing

• HMDA
  o Track originations by race
Advantages of LED

• Not a survey

• Annual updates

• Small geography
Thank you!

The University of Minnesota is an equal opportunity educator and employer.