

OnTheMap Family Tools/Applications

- OnTheMap for Emergency Management
- OnTheMap Mobile
- Other Concepts

OnTheMap Version 6

- Performance Improvements!!!
- New Data (Now and Soon)
- New Functionality



Data Enhancements and OnTheMap

Matthew Graham
Geographer
LEHD Program
Center for Economic Studies
U.S. Census Bureau

- Quick Overview:
- ACS Research
 - OnTheMap Version 6
 - OnTheMap for Emergency Management

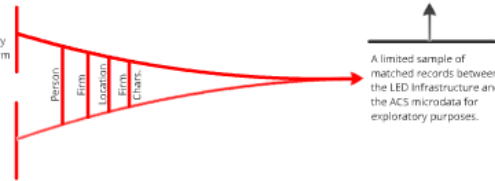
Research with ACS

American Community Survey

- Ongoing household survey with annual data releases
- Sample size ~3 million households/year
- For employed persons (at work "LAST WEEK"), the survey asks for Name of Employer, Firm Ownership Status, Firm Industry, and Work Address

Local Employment Dynamics

- Quarterly administrative data
- Includes all employment covered by state unemployment insurance systems
- Establishment locations from QCEW, for multiple-establishment firms, most workers are imputed to locations.



- Understand current data products by way of microdata comparisons
- Communicate findings and guidelines to data users
- Identify opportunities to improve data quality

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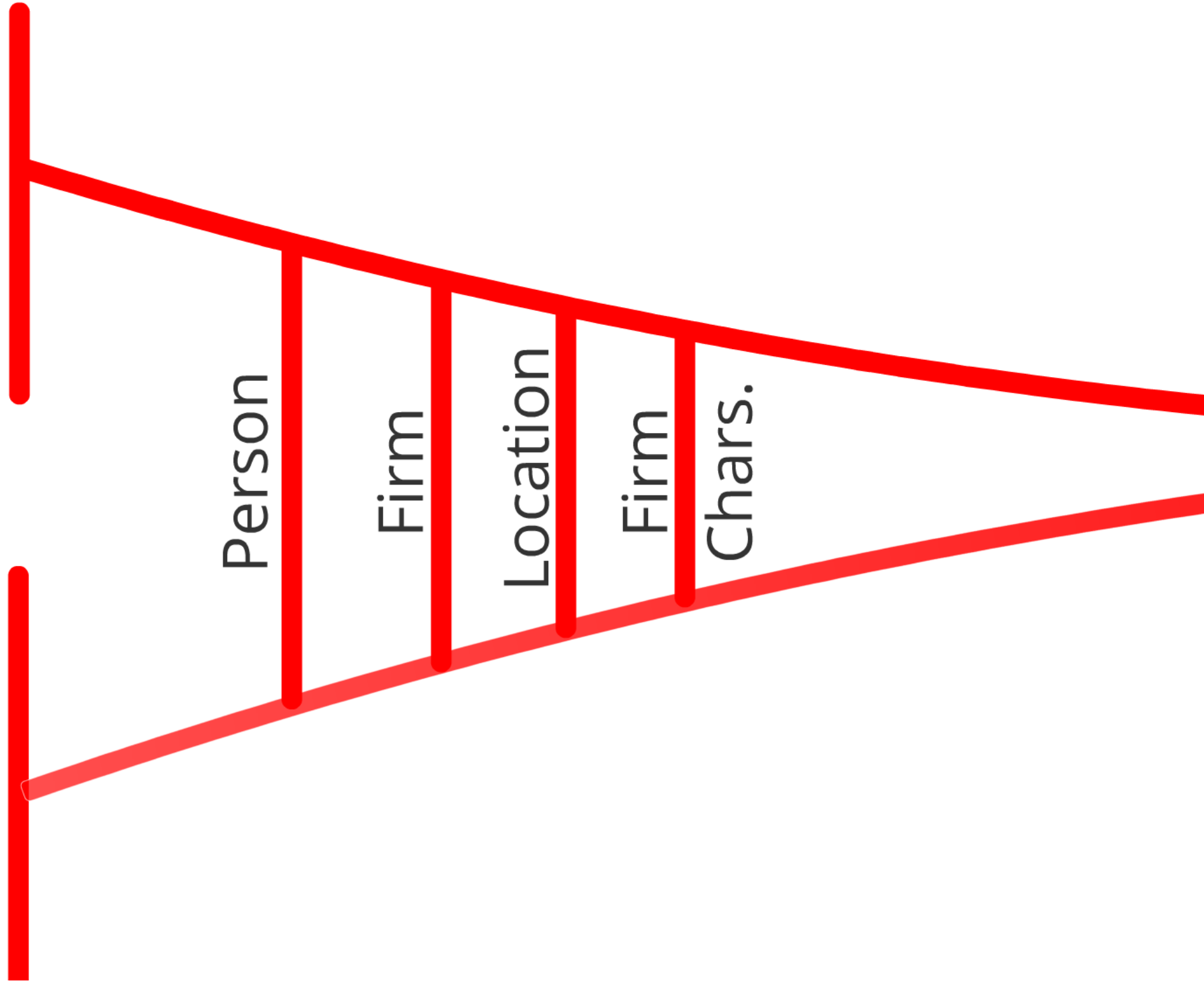
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Firm




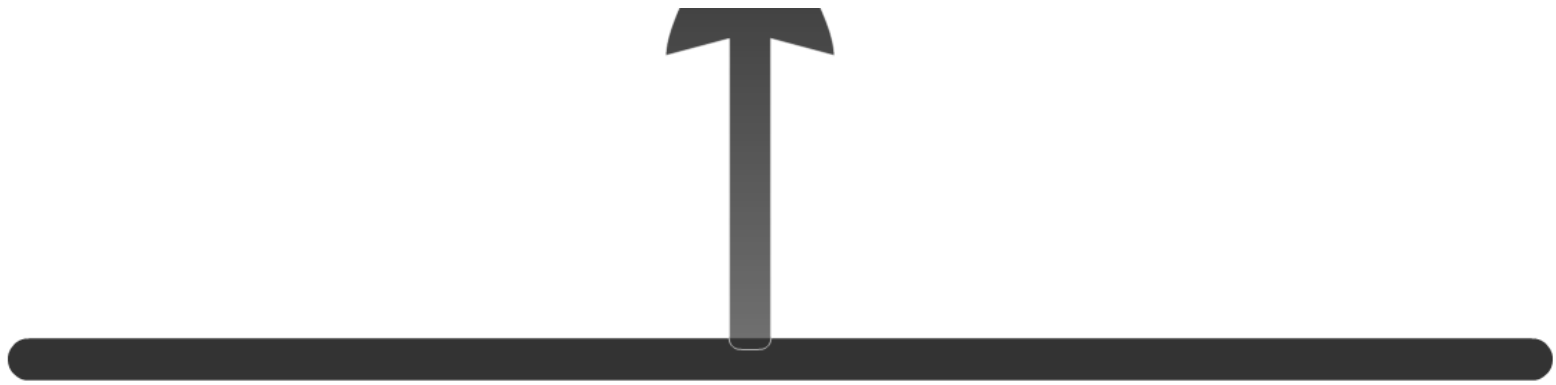
Person

Firm

Location

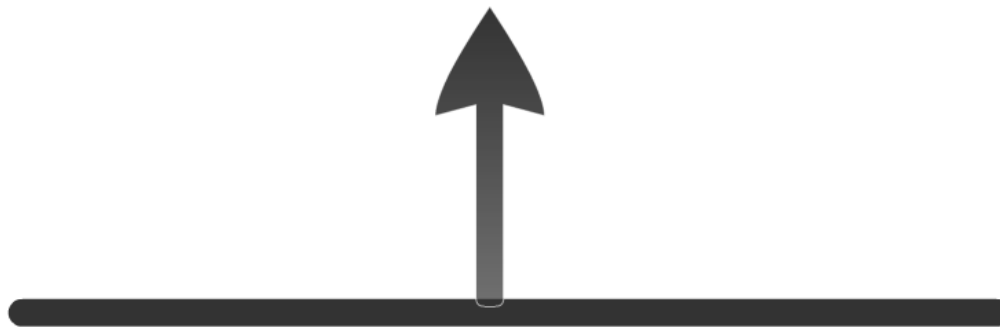
Firm

Chars.



A limited sample of
matched records between
the LED Infrastructure and
the ACS microdata for
exploratory purposes.

- Understand current data products by way of microdata comparisons
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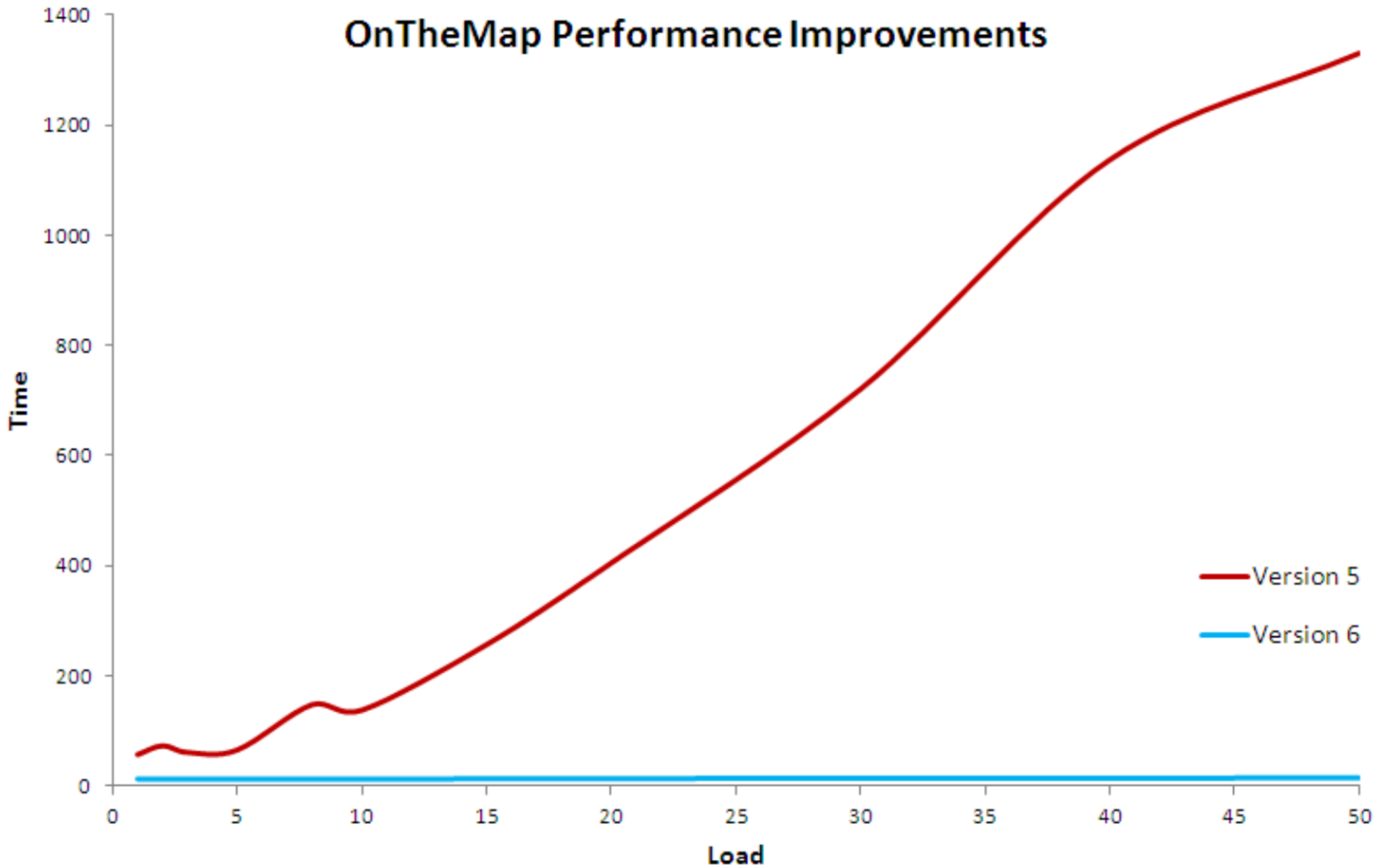


A limited sample of

OnTheMap Version 6

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OnTheMap Performance Improvements



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Inflow/Outflow Analysis
enter your own subtitle

▼ Display Settings

Labor Market Segment Filter: **All Workers**

Year: **2009**

▼ Map Controls

Color Key: **Flow Overlay**

Selection Outline:

Identify Zoom to Selection

Clear Overlays Animate Overlays

▼ Report/Map Outputs

Detailed Report

Export Geography

Print Chart/Map

▼ Legends

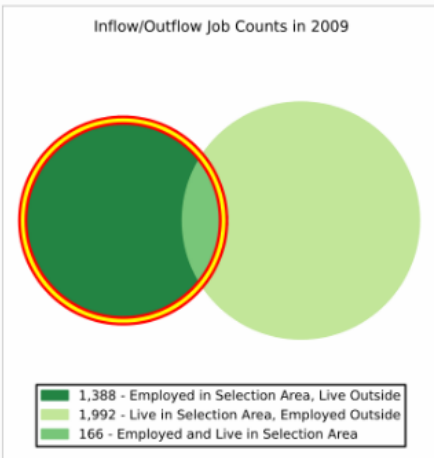
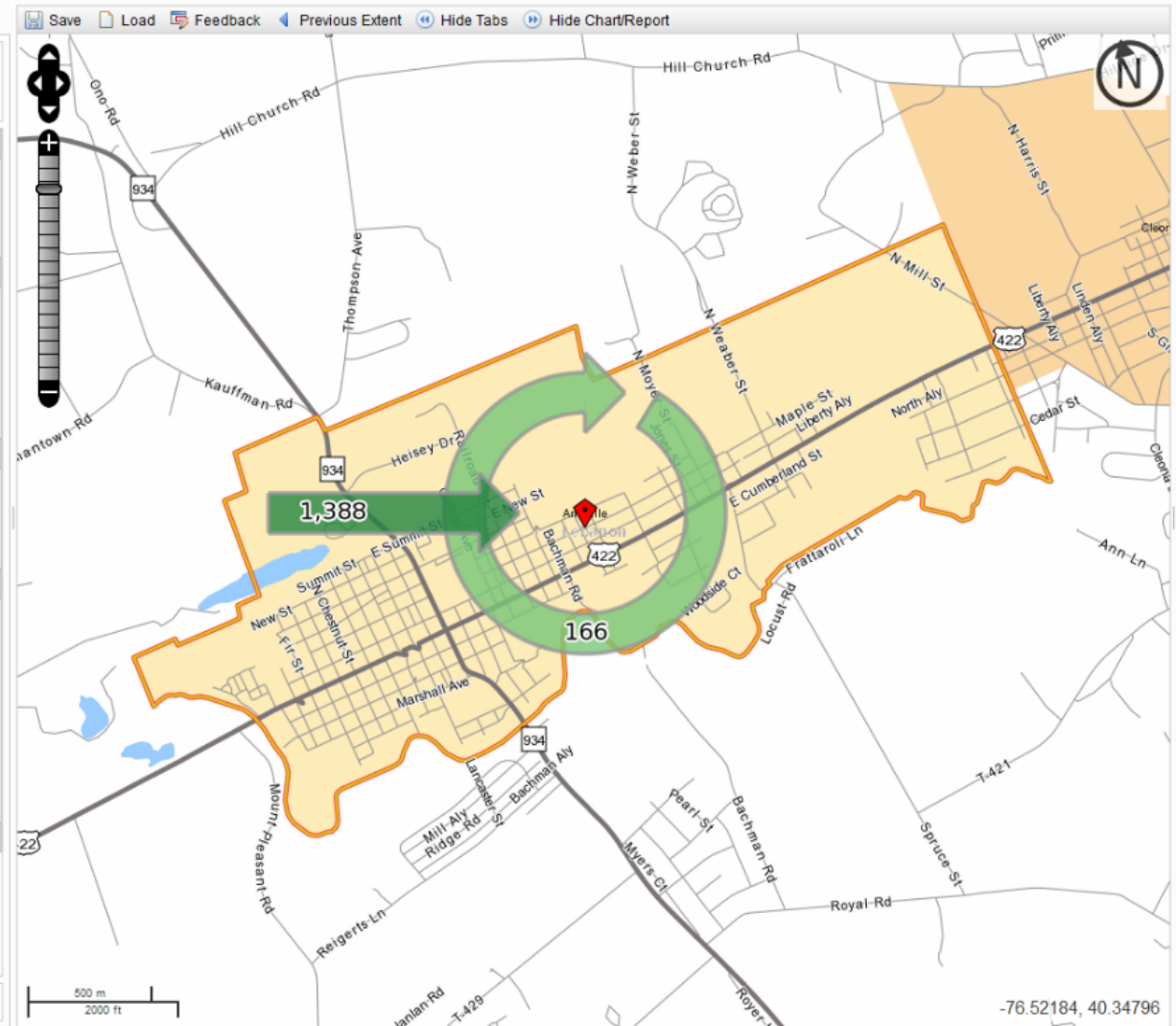
Note: Overlay arrows do not indicate directionality of worker flow between home and employment locations.

- Employed and Live in Selection Area
- Employed in Selection Area, Live Outside
- Live in Selection Area, Employed Outside

Analysis Selection

▼ Analysis Settings

[Change Settings](#)



Inflow/Outflow Job Counts (Primary Jobs) 2009

| | Count | Share |
|---|-------|--------|
| Employed in the Selection Area | 1,554 | 100.0% |
| Employed in the Selection Area but Living Outside | 1,388 | 89.3% |
| Employed and Living in the Selection Area | 166 | 10.7% |
| Living in the Selection Area | 2,158 | 100.0% |
| Living in the Selection Area but Employed Outside | 1,992 | 92.3% |
| Living and Employed in the Selection Area | 166 | 7.7% |

[Reset Highlighting](#)

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Events Search Map Report

Analysis Type Worker Destination

Geography Type Places (Cities, CDPs, etc.)



Workers by Places (Cities, CDPs, etc.)

| 2009 | | |
|---------------------------------------|--------|-------|
| | Count | Share |
| Aberdeen city, SD | 10,003 | 43.8% |
| Webster city, SD | 1,107 | 4.8% |
| Sioux Falls city, SD | 505 | 2.2% |
| Oakes city, ND | 501 | 2.2% |
| Groton city, SD | 423 | 1.9% |
| Britton city, SD | 328 | 1.4% |
| Watertown city, SD | 200 | 0.9% |
| Huron city, SD | 187 | 0.8% |
| LaMoure city, ND | 175 | 0.8% |
| Rapid City city, SD | 169 | 0.7% |
| All Other Places (Cities, CDPs, etc.) | 9,260 | 40.5% |

export

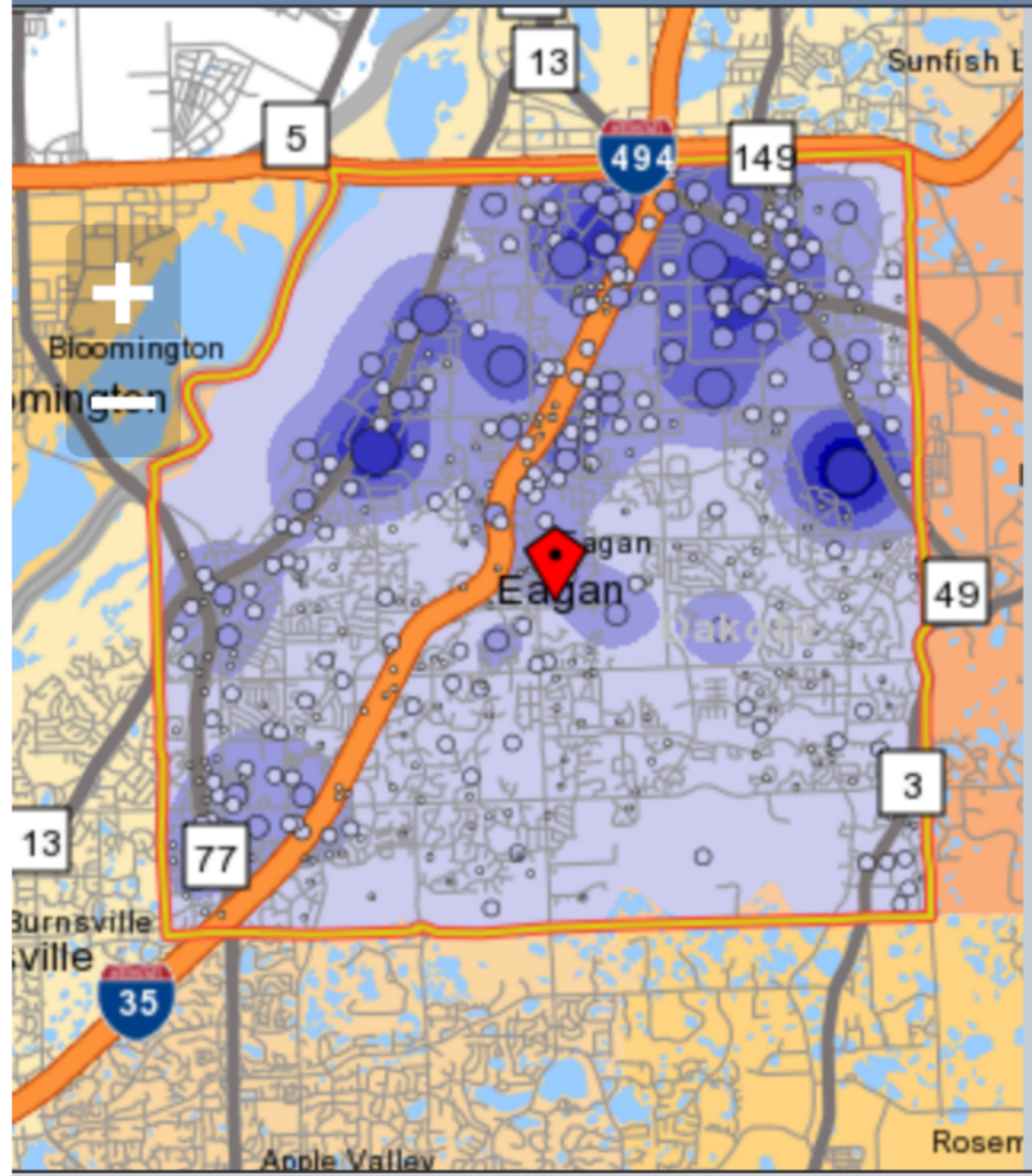


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treehorn.excensus-online

Google



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