Screen size
Depending on your device, the restricted width view of the dashboard that you are currently viewing may not provide the optimal experience. View this dashboard at full-size by clicking the 'Full-Screen' button in the bottom right of the strip of controls at the bottom (an image of the button is shown at right). Toggle back to the restricted view at any time by pressing the 'Escape' key.

Datasources
This dashboard assimilates data from both from the U.S. Census Bureau's LODES, the LEHD (Longitudinal Employer-Household Dynamics) Origin-Destination Employment Statistics and StreetLight®, an independent transportation data provider. On each panel of the dashboard is an info icon (in the lower left of this panel); hover over it (or click on it if you're viewing this dashboard on a phone or tablet), and information on which datasource was used to create the visualization and how it was used will be displayed.

Terms
You'll see the 7-county metro referenced throughout this dashboard - this refers to the 7 counties over which the members of the Metropolitan Council preside: Anoka, Carver, Dakota, Hennepin, Ramsey, Scott, and Washington. There are also 6 municipalities in Wright and Sherburne counties that are included because they are..
This is an interactive dashboard - which means that you as the user are responsible for engaging with the content! The story you discover depends on your questions and curiosity. The section below goes over the concepts of interactivity you'll have at your fingertips throughout this dashboard. When you feel ready to continue, click the arrow in the upper right to enter the dashboard - and don't forget to select, reset, hover, zoom...

**Select**
The 'Where Residents Work' and 'Where Workers Live' panels of this dashboard encapsulate commuter work flows, and to understand who is going where, you'll need to click on a small map in the lower half of the Controls panel. This will trigger filtering of the larger central map. Click a municipality or municipalities (using CONTROL + or COMMAND + to select multiple municipalities in Windows or Mac respectively) in the inset map above to simulate the action now.

**Reset**
Wondering how to clear the selection? For a single selection, just click on that same selection again to clear the selection. To clear multiple selections, click somewhere on the map outside of the displayed boundaries. This logic goes for all visualizations, not just maps. Make a selection on the Sankey graph via the bar on its left and then reset y...

**Hover**
When you moused over the map, you should've seen a labels appear over the hovered municipality. This is the tooltip, and will provide greater detail about the data in a variety of visualizations (not just maps) in the following tabs. Try mousing over the segments of road in the visualization below.

**Zoom & Pull**
Having difficulty getting at the smaller municipalities? Note that when you mouse over a map, controls for that map appear in the map's upper left corner. If you find the map is too small, you can use the controls provided or your mouse's roller to zoom in or out, and you can click and hold anywhere on a map to pull it around. Practice zooming in and out on each map now. Pull the map as needed.
Annual Average Daily Traffic

Annual average daily traffic in vehicles per day (vpd)

- Greater than 100,000
- 50,001 - 100,000 vpd
- 20,001 - 50,000 vpd
- 10,001 - 20,000 vpd
- 5,001 - 10,000 vpd
- 1 - 5,000 vpd
Click on a municipality or municipalities in the map on the left to see which roads in the 7-county metro that municipality used in summer of 2018 (June to August 2018).
Origin-Destination Traffic
From Metro Municipalities To Metro Activity Centers

Click on a municipality in the map at left or click on a destination job center (right map) to filter the opposite side and re-shade according to ordinal rank (not volume). Zoom as needed.

Controls

Day of week
- Average Day (M-Sa)

Type of Travel
- Commercial
- Personal

Season
- All

Time of day
- All Day (12am-12am)

% of Traffic
0.000% to 5.000%
Residents are traveling to work in

Choose the municipality of workers' residence (click below)

Choose a demographic category
- All workers
- Workers by age
- Workers by income
- Workers by sector

Choose a category breakdown
- All

Year
- 2015

Number of workers in a municipality or county
- All values
Workers are traveling home to
Worker Flows Over Time

**Municipality or county of residence**
Blaine city

**Internal v. External Flows**
- Work inflow from within municipality
- Work inflow from outside municipality, but within county
- Work inflow from another county (includes out-state MN and WI for...)

<table>
<thead>
<tr>
<th>Year</th>
<th>Internal Flows</th>
<th>External Flows</th>
</tr>
</thead>
<tbody>
<tr>
<td>2002</td>
<td>17%</td>
<td>60%</td>
</tr>
<tr>
<td>2003</td>
<td>17%</td>
<td>61%</td>
</tr>
<tr>
<td>2004</td>
<td>17%</td>
<td>62%</td>
</tr>
<tr>
<td>2005</td>
<td>17%</td>
<td>63%</td>
</tr>
<tr>
<td>2006</td>
<td>18%</td>
<td>62%</td>
</tr>
<tr>
<td>2007</td>
<td>19%</td>
<td>64%</td>
</tr>
<tr>
<td>2008</td>
<td>17%</td>
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<td>2009</td>
<td>18%</td>
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<tr>
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<td>2014</td>
<td>18%</td>
<td>62%</td>
</tr>
<tr>
<td>2015</td>
<td>20%</td>
<td>63%</td>
</tr>
</tbody>
</table>
Mapping Flows Over Time

Choose a demographic breakdown:
- All
- Workers by age
- Workers by income
- Workers by sector

Choose a category breakdown:
- All
- Municipality or County of Residence
- Blaine city

Residents employed in municipality
- 2 to 15,176

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