INFORMATION ITEM

| DATE: | Þ[ç^{ à^¦ <i>Á</i> н€, 2018 | | | |
|--------------|---|--|--|--|
| TO: | Technical Advisory Committee | | | |
| PREPARED BY: | Steve Peterson, Highway Planning and TAB/TAC Process Manager | | | |
| | David Burns, Senior Planner (651-602-1887) | | | |
| | Nicole Sullivan, Data Scientist (651-602-1385) | | | |
| | Patrick Haney, Intern (651-602-1580) | | | |
| SUBJECT: | Update to Geographic Balance in the Regional Solicitation and Employment Flows | | | |

BACKGROUND: At the June 20, 2018, TAB meeting, Council staff presented a series of maps and tables on the topic of geographic balance. TAB members requested that the data tables be split to show trends before and after the major program evaluation (prior to the 2014 funding cycle). Figures 1-3 now shows a table that splits the 2003-2013 funding cycles and the 2014-2016 funding cycles. Due to the small sample size of using just two funding cycles (2014 and 2016), it may be difficult to draw meaningful conclusions from the data. Council staff will add 2018 projects once TAB approves a list of projects in January.

TAB also requested that funding be shown relative to vehicle miles travelled (VMT). This change is shown on Figure 1 (VMT data is only available at the county level, so it cannot be added to the other maps). Figure 1 includes funding for all three modes; staff then compared the relationship between each county's VMT to just the roadway funding application categories. There was a stronger correlation between VMT and roadway funding distribution than to funding for all three modes combined.

Lastly, TAB requested additional information on where people are traveling to work, including one specific question on the number of workers from St. Croix County, Wisconsin traveling through Washington County to employment sites in Ramsey and Hennepin Counties. The broader topic of where people live, work, and travel has been of interest to TAB for over 20 years. In fact, in 1996, the State Legislature directed the Council to analyze the impact on the regional highway system of commuters and the results were included in the 2001 Transportation Policy Plan.

To provide some context on the work trip, the 2010 MSP Region Travel Behavior Inventory (TBI) Report reported that work commutes account for approximately 17% of all trips, and an even higher percentage during the peak periods when roads are the most congested (approximately 33% of trips during the morning commute and 22% during the evening commute). The work trip only accounts for 6% of the total travel during the middle of the day.

Figures 4-22 and Tables 1-3 display 2015 Longitudinal Employer-Household Dynamics (LEHD) data from the U.S. Census Bureau. Some of the key highlights from the data include the following:

- 1. People are traveling throughout the metro area for work. This suggests that investments made on key regional facilities will benefit people beyond those people living in the immediate area.
 - 16% of workers in the 7-county metro area stay their home city for work, while the remaining 84% travel to another city.
 - 51% workers in the 7-county metro stay in their home county for work, while the remaining 49% travel to another county. For most counties, less than one-third of the workers living in a county stay within their home county for work. The most notable exception is Hennepin County where 74% of workers stay within Hennepin County.

| Live and Work in Same County | | | | | |
|------------------------------|-----------------|-----|--|--|--|
| Hennepin 424,000 74% | | | | | |
| Ramsey | 102,000 | 43% | | | |
| Dakota | 75,000 | 36% | | | |
| Anoka | 51,000 | 29% | | | |
| Carver | 13,000 | 28% | | | |
| Washington | gton 28,000 23% | | | | |
| Scott | 16,000 | 23% | | | |
| Total | 710,000 | 51% | | | |

- 2. There are a large number of workers who live outside the 7-county metro who are traveling to the region for work.
 - Approximately 14%, or 221,000 out of the 1,575,000 people who work in the 7-county metro live outside of it.
 - Approximately 86,000 people who live in the 7-county metro work outside of the metro area.
 - In 2015, 33,000 more people worked in the 7-county metro and lived outside of the region than in 2002.
 - Wright, Sherburne, Isanti, and St. Croix Counties all have over 40% of their workers coming to the 7-county metro area for employment.
 - As an example, 5,000 St. Croix County residents are traveling to Washington County for work, 5,000 St. Croix County residents to Hennepin County, and 6,000 St. Croix County residents to Ramsey County. It can be assumed that the vast majority of those 16,000 workers (32,000 daily trips) are using Highway 36 or I-94 as these are the only two St. Croix River crossings from St. Croix County to the metro area. These increased traffic volumes result in additional impact to pavement quality, congestion, and safety.

Council staff developed an online tool to be shared with the TAB where users can select a particular city or county and the tool will output employment flows.

Figure 1: Location of Awarded 2003 - 2016 Regional Solicitation Funded Projects by County

Highways

| County | 2003-2016 Federal Dollars % | Population % | Jobs % | Vehicle Miles Travelled % |
|------------|--------------------------------|--------------|----------|------------------------------|
| Anoka | #4 (10%) | #4 (11%) | #4 (7%) | #4 (13%) |
| Carver | #7 (5%) | #7 (3%) | #7 (2%) | #7 (5%) |
| Dakota | #3 (12%) | #3 (14%) | #3 (11%) | #2 (17%) |
| Hennepin | #1 (43%) | #1 (41%) | #1 (53%) | #1 (34%) |
| Ramsey | #2 (17%) | #2 (18%) | #2 (19%) | #3 (14%) |
| Scott | #6 (7%) | #6 (5%) | #6 (3%) | #6 (8%) |
| Washington | #5 (7%) | #5 (8%) | #5 (5%) | #5 (10)% |
| Total | 100% | 100% | 100% | 100% |

Notes: # = Rank

Notes: Years used in the table (2003-2016) indicate the year of the project selection.

Funds from 2003-2016 will be expended in approximately 2007-2021. Federal Funding refers to Regional Solicitation funds only and includes funds

for all three modal categories (Roadways, Transit/Travel Demand Management, and Bicycle/Pedestrian). Data for population and employment based on Metropolitan Council 2016 estimates.

Approximately \$200 million of Regional Solicitation funds are awarded every two years

by the Transportation Advisory Board (TAB).

VMT more closely corresponds with roadway projects.

| County | 2003-2013 Federal Funding % | 2014-2016 Federal Funding % |
|------------|--------------------------------|--------------------------------|
| Anoka | #4 (11%) | #5 (6%) |
| Carver | #7 (6%) | #7 (3%) |
| Dakota | #3 (13%) | #3 (9%) |
| Hennepin | #1 (38%) | #1 (53%) |
| Ramsey | #2 (18%) | #2 (16%) |
| Scott | #6 (7%) | #4 (8%) |
| Washington | #5 (8%) | #6 (5%) |
| Total | 100% | 100% |

Note: A major restructuring of the Regional Solicitation took place prior to the 2014 funding cycle.

| County | | • | 2003-2013 Projects |
|--------------|------------|--------|-----------------------|
| - 1 2 | Anoka | • | 2014-2016 Projects |
| | Carver | \sim | Interstate Highways |
| | Dakota | \sim | US, State, and County |
| | Hennepin | | A-Minor Arterials |
| | Ramsey | ረጉ | County Boundary |
| - 1 2 | Scott | | |
| - 1 2 | Washington | | |

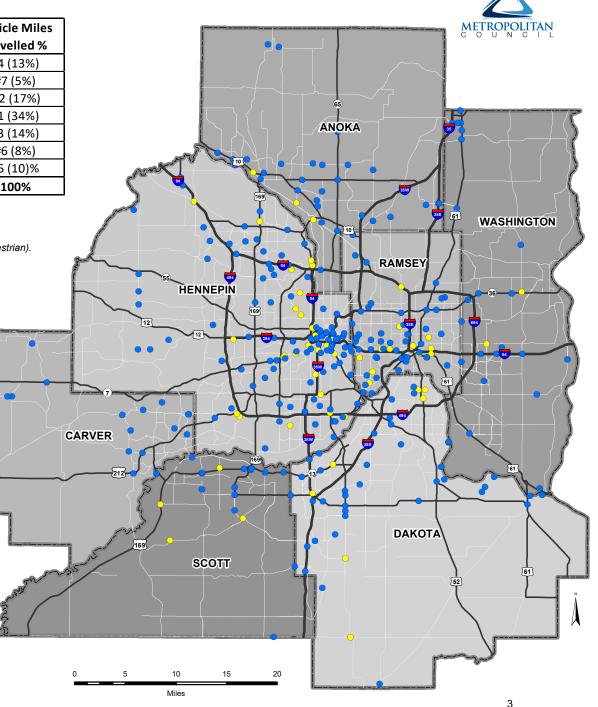


Figure 2: Location of Awarded 2003 - 2016 Regional Solicitation Funded Projects by Land Use Designation



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| Region | 2003-2016 Federal Dollars % | Population % | Jobs % |
|--|--------------------------------|--------------|--------|
| Urban | | | |
| Center/Urban | 47% | 43% | 53% |
| Suburban | 23% | 25% | 23% |
| Suburban Edge/Emerging Suburban Edge | 22% | 26% | 18% |
| Rural/Rural Center | 8% | 6% | 6% |
| Total | 100% | 100% | 100% |

Notes: Years used in the table (2003-2016) indicate the year of the project selection. Funds from 2003-2016 will be expended in approximately 2007-2021. Federal Funding refers to Regional Solicitation funds only and includes funds for all three modal categories (Roadways, Transit/Travel Demand Management, and Bicycle/Pedestrian). Data for population and employment based on Metropolitan Council 2016 estimates. Approximately \$200 million of Regional Solicitation funds are awarded every two years by the Transportation Advisory Board (TAB).

| Designation | 2003-2013 Federal | 2014-2016 | |
|---------------|-------------------|-------------------|--|
| Summary | Dollars % | Federal Dollars % | |
| Urban | 42% | 57% | |
| Center/Urban | 42% | 57% | |
| Suburban | 22% | 24% | |
| Suburban | | | |
| Edge/Emerging | 26% | 13% | |
| Suburban Edge | | | |
| Rural/Rural | 100/ | 604 | |
| Center | 10% | 6% | |
| Total | 100% | 100% | |

Note: A major restructuring of the Regional Solicitation took place prior to the 2014 funding cycle.

Thrive MSP 2040 Community Designations

- 2003-2013 Projects US, State, and County Highways
- 169 61 10 15 20 Miles 8/1/2018

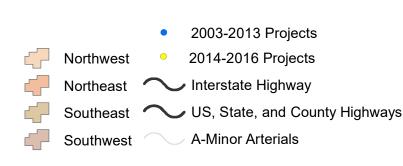
Figure 3: Location of Awarded 2003 - 2016 Regional Solicitation Funded Projects by Quadrant of the Region

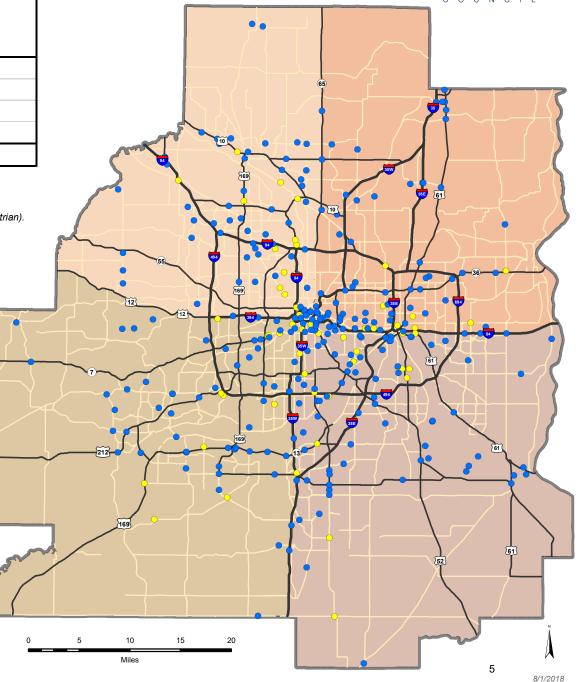
| Region | 2003-2016 Federal Dollars % | Population % | Jobs % |
|-----------|--------------------------------|--------------|--------|
| Northwest | 28% | 25% | 28% |
| Northeast | 19% | 23% | 22% |
| Southeast | 27% | 22% | 21% |
| Southwest | 26% | 30% | 29% |
| Total | 100% | 100% | 100% |

Notes: Years used in the table (2003-2016) indicate the year of the project selection. Funds from 2003-2016 will be expended in approximately 2007-2021. Federal Funding refers to Regional Solicitation funds only and includes funds for all three modal categories (Roadways, Transit/Travel Demand Management, and Bicycle/Pedestrian). Data for population and employment based on Metropolitan Council 2016 estimates. Approximately \$200 million of Regional Solicitation funds are awarded every two years by the Transportation Advisory Board (TAB).

| Region | 2003-2013 Federal Dollars % | 2014-2016 Federal Dollars % |
|-----------|--------------------------------|--------------------------------|
| Northwest | 25% | 34% |
| Northeast | 21% | 15% |
| Southeast | 29% | 23% |
| Southwest | 25% | 28% |
| Total | 100% | 100% |

Note: A major restructuring of the Regional Solicitation took place prior to the 2014 funding cycle.







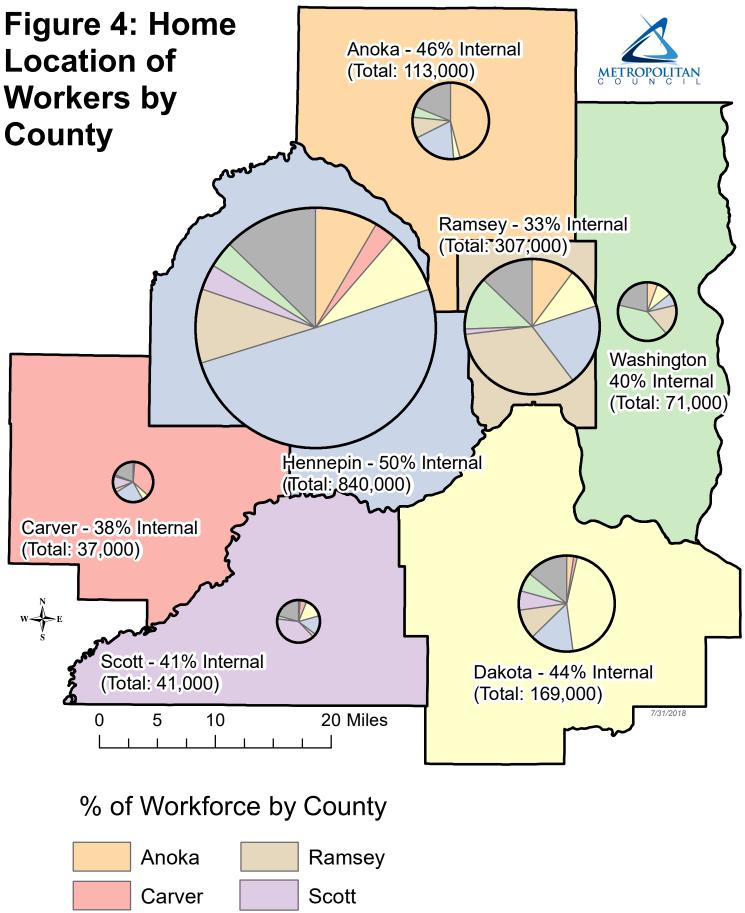
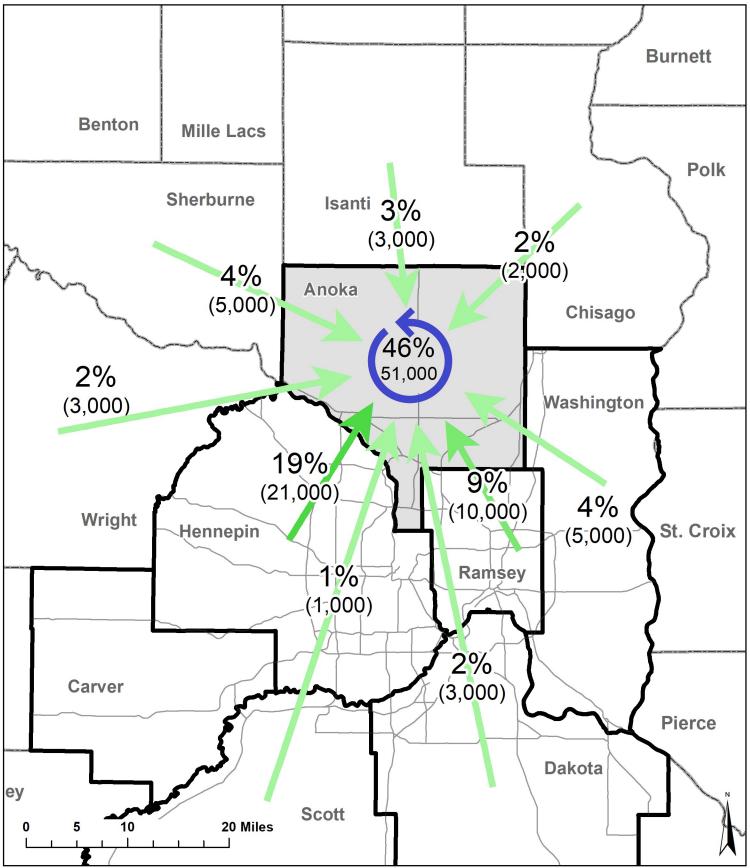




Figure 5: Anoka County Employment Inflow



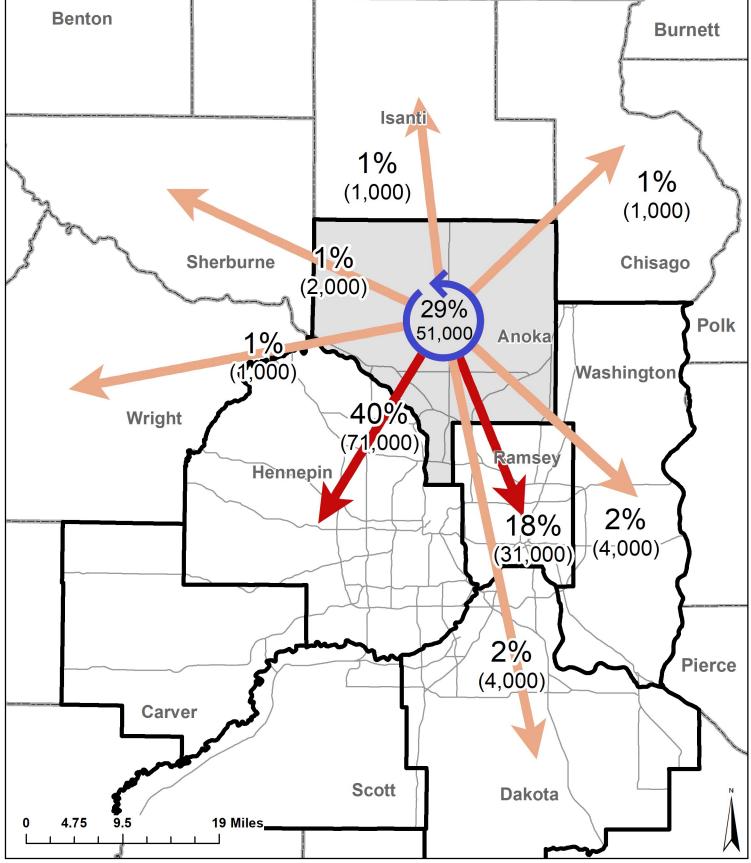


7/26/2018

Total of 113,000 workers employed in Anoka County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 6: Anoka County Employment Outflow



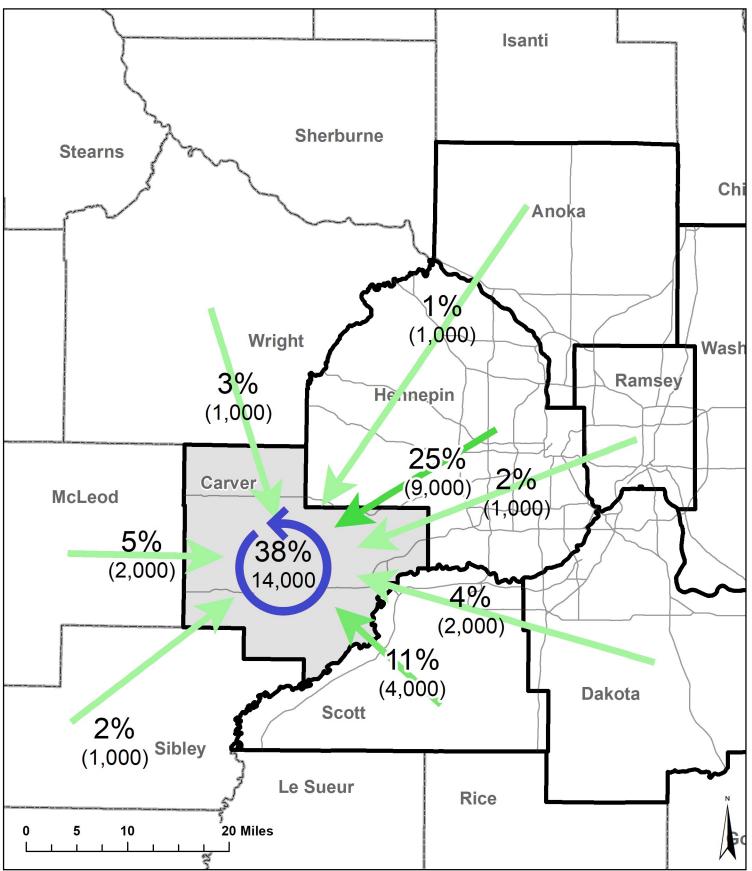


7/25/2018

Total of 176,000 workers living in Anoka County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 7: Carver County Employment Inflow



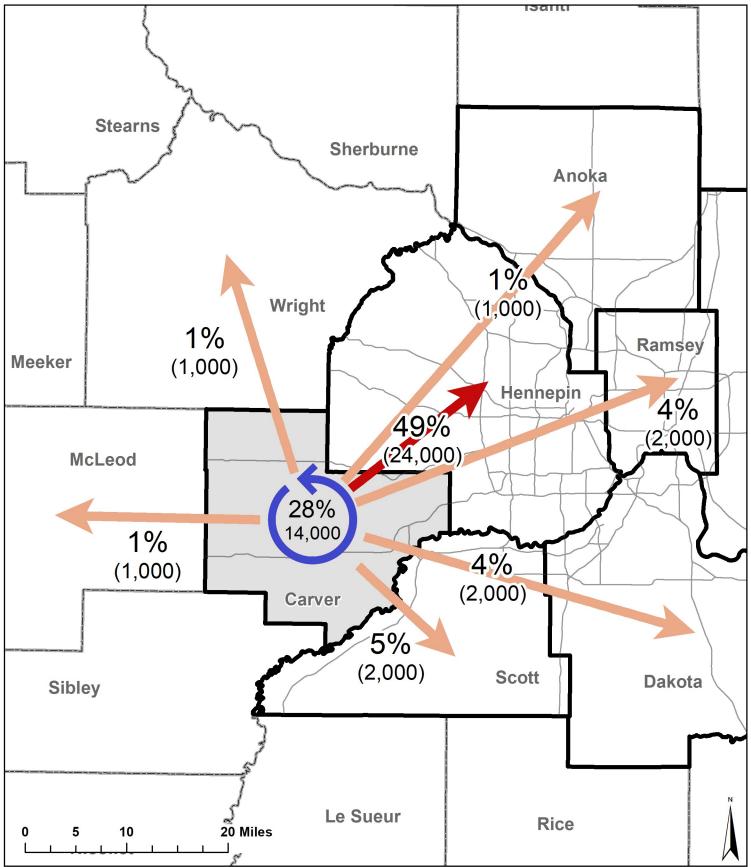


7/27/2018

Total of 36,000 workers employed in Carver County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 8: Carver County Employment Outflow



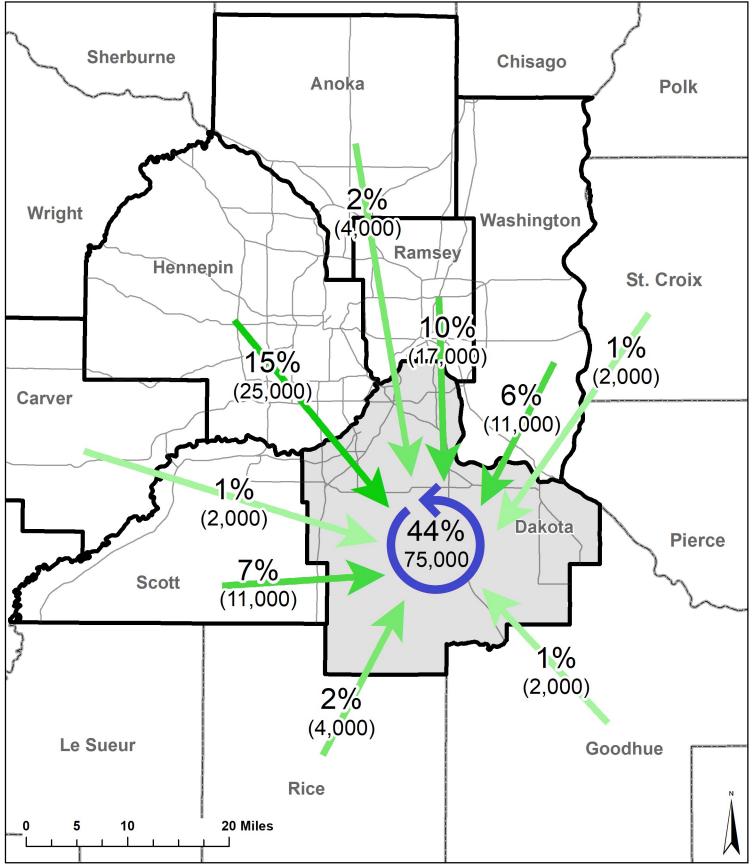


7/26/2018

Total of 49,000 workers living in Carver County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 9: Dakota County Employment Inflow



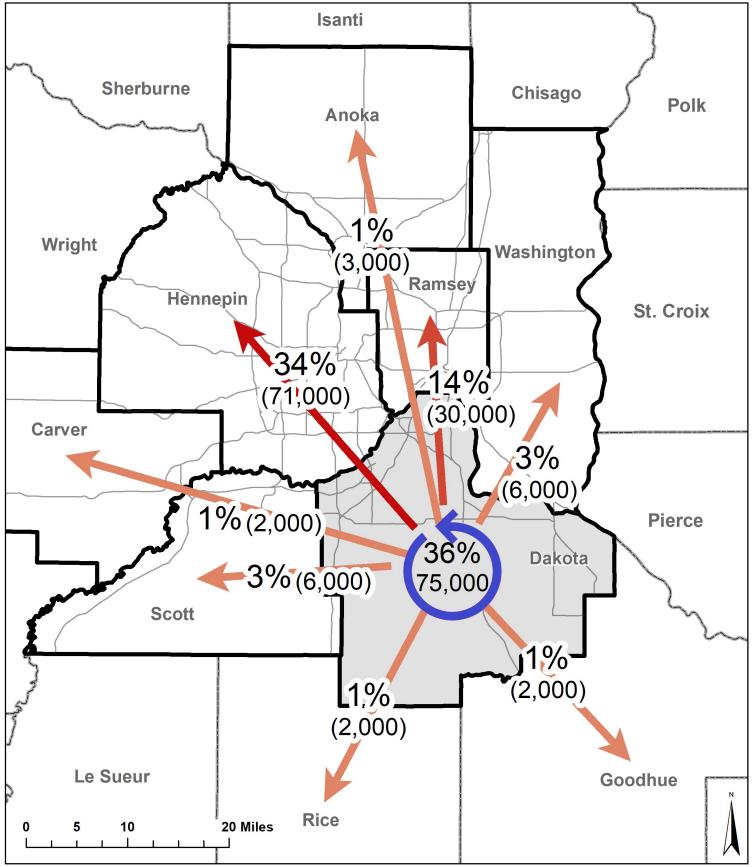


7/27/2018

Total of 169,318 workers employed in Dakota County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 10: Dakota County Employment Outflow



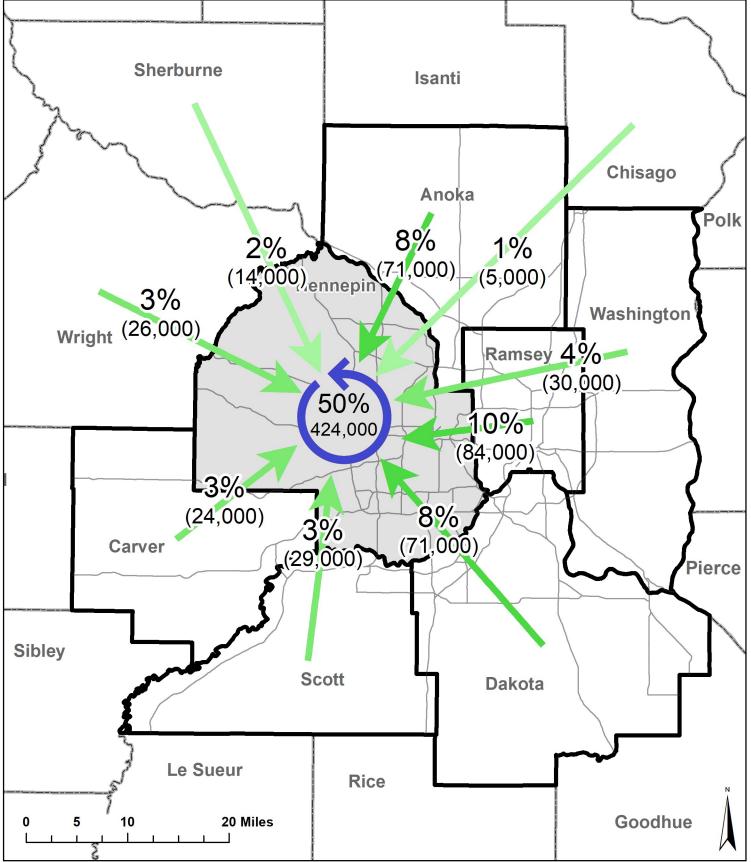


7/26/2018

Total of 206,000 workers living in Dakota County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 11: Hennepin County Employment Inflow



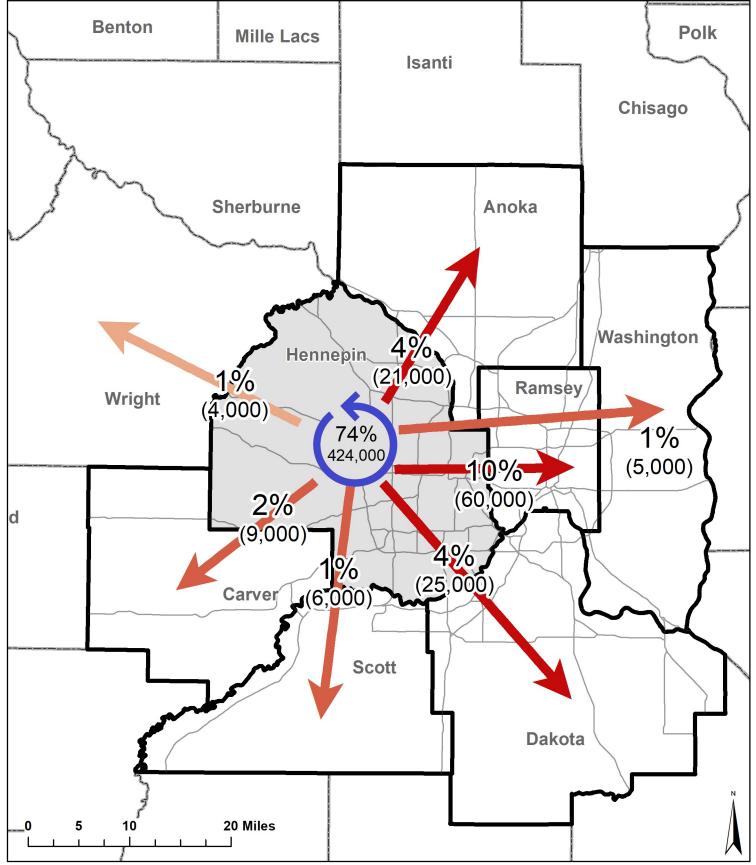


7/27/2018

Total of 839,000 workers employed in Hennepin County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 12: Hennepin County Employment Outflow



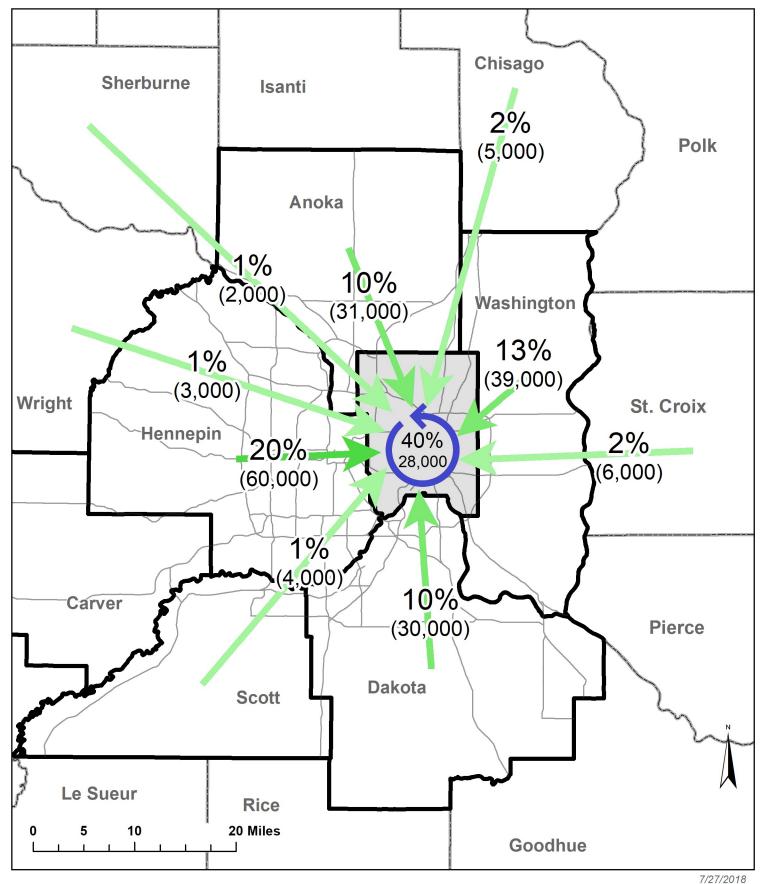


7/26/2018

Total of 577,000 workers living in HennepinCounty. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 13: Ramsey County Employment Inflow



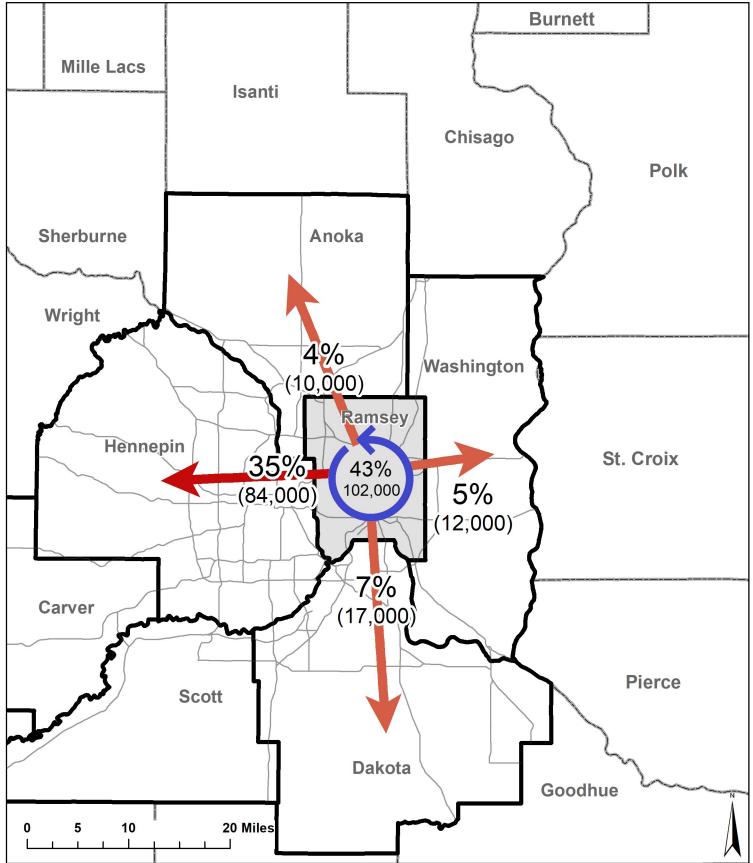


Total of 307,000 workers employed in Ramsey County. Data is 2015 LEHD data from the U.S. Census Bureau.

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Figure 14: Ramsey Count Employment Outflow



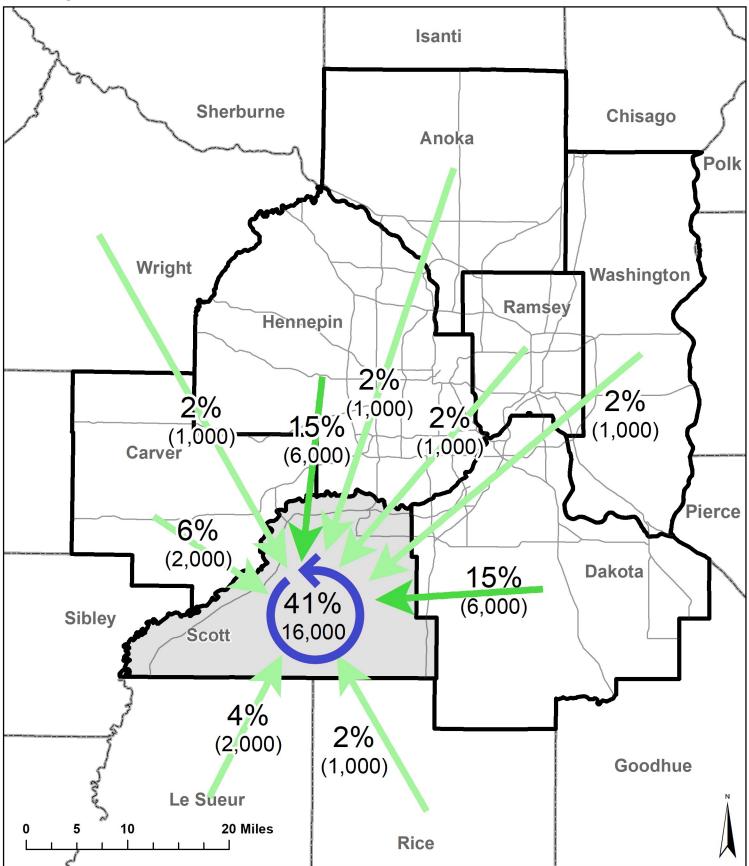


7/26/2018

Total of 239,000 workers living in Ramsey County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 15: Scott County Employment Inflow



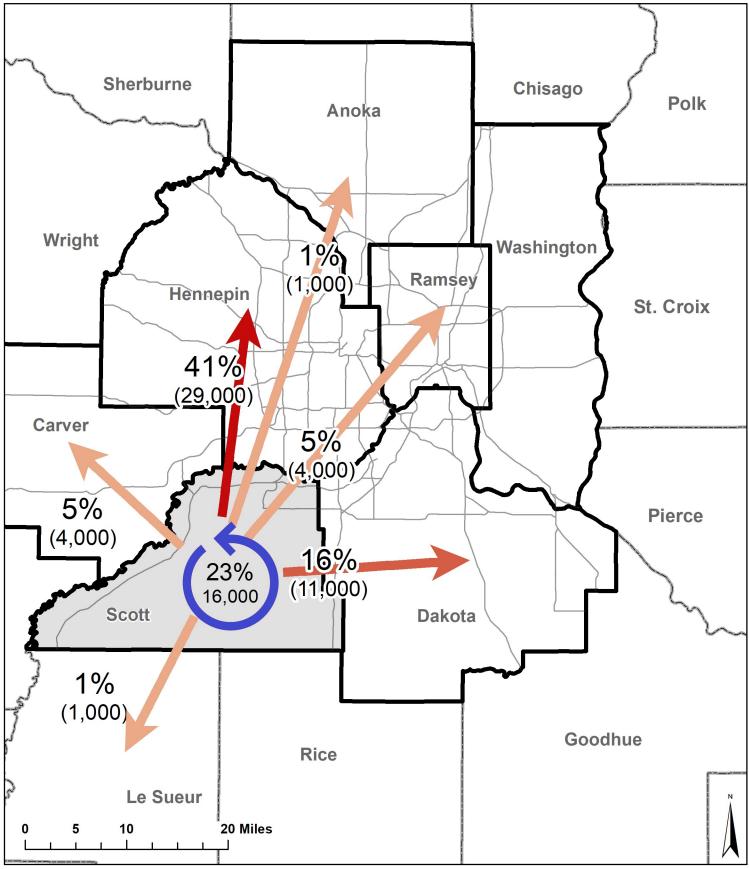


7/27/2018

Total of 39,000 workers employed in Scott County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 16: Scott County Employment Outflow



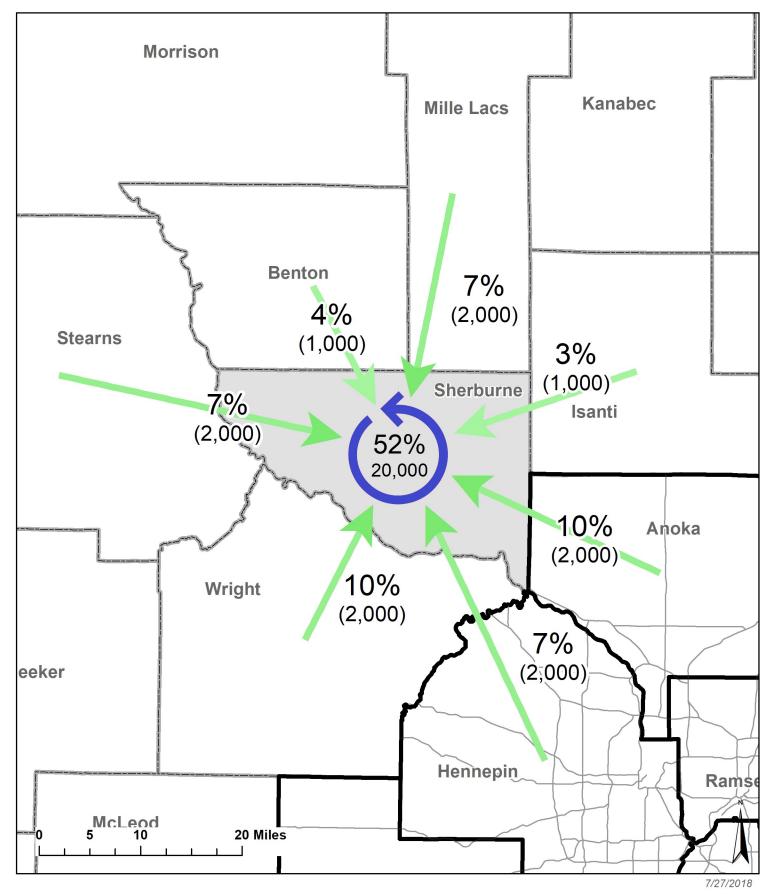


7/26/2018

Total of 69,000 workers living in Scott County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 17: Sherburne County Employment Inflow

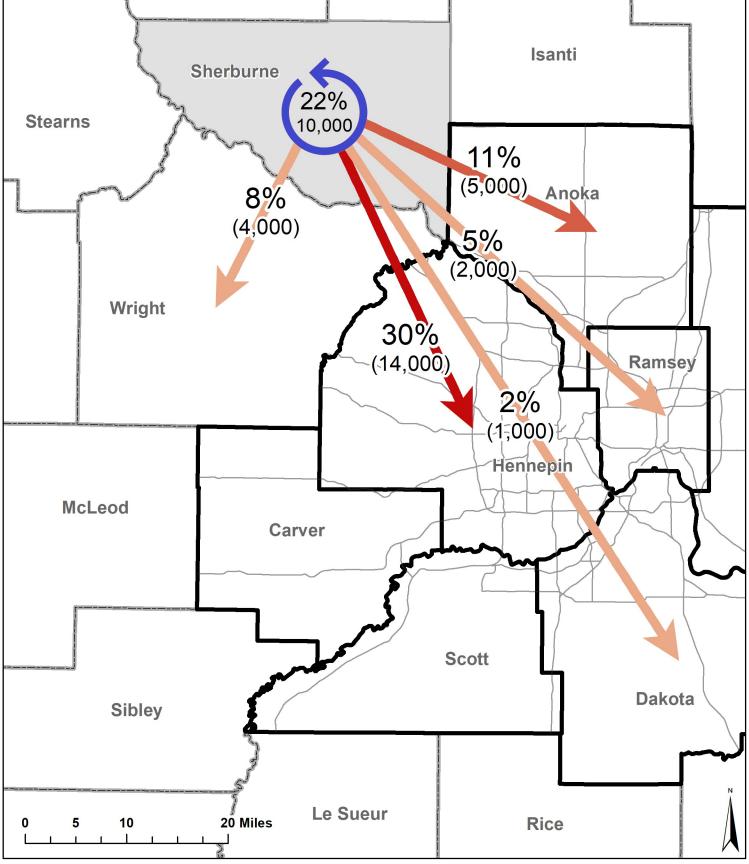




Total of 24,000 workers employed in Sherburne County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 18: Sherburne County Employment Outflow



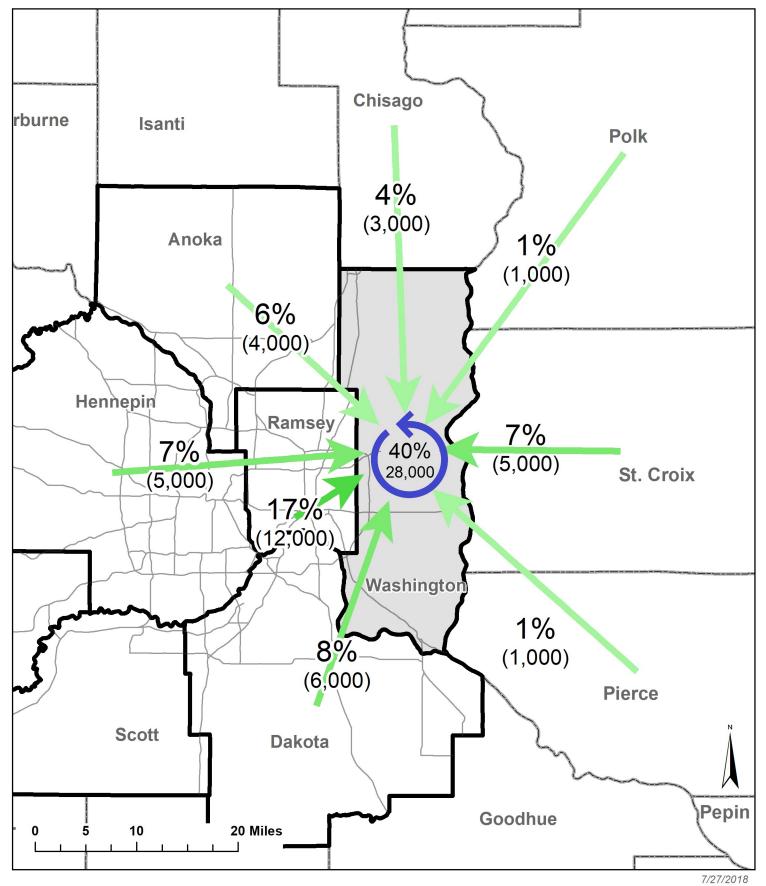


7/26/2018

Total of 45,000 workers living in Sherburne County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 19: Washington County Employment Inflow

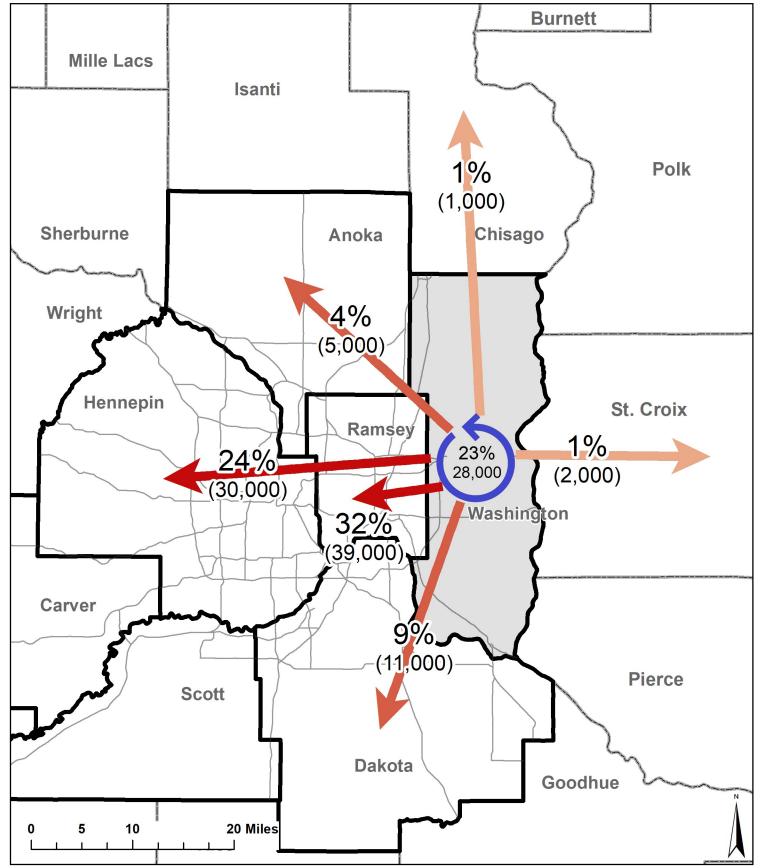




Total of 71,000 workers employed in Washington County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 20: Washington County Employment Outflow



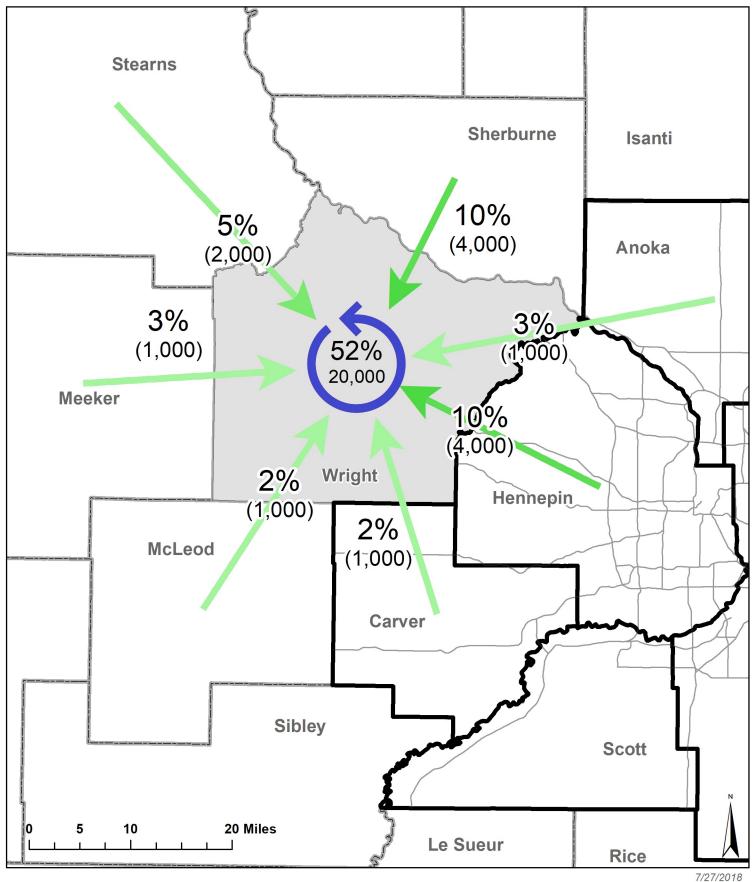


7/26/2018

Total of 123,000 workers living in Washington County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 21: Wright County Employment Inflow

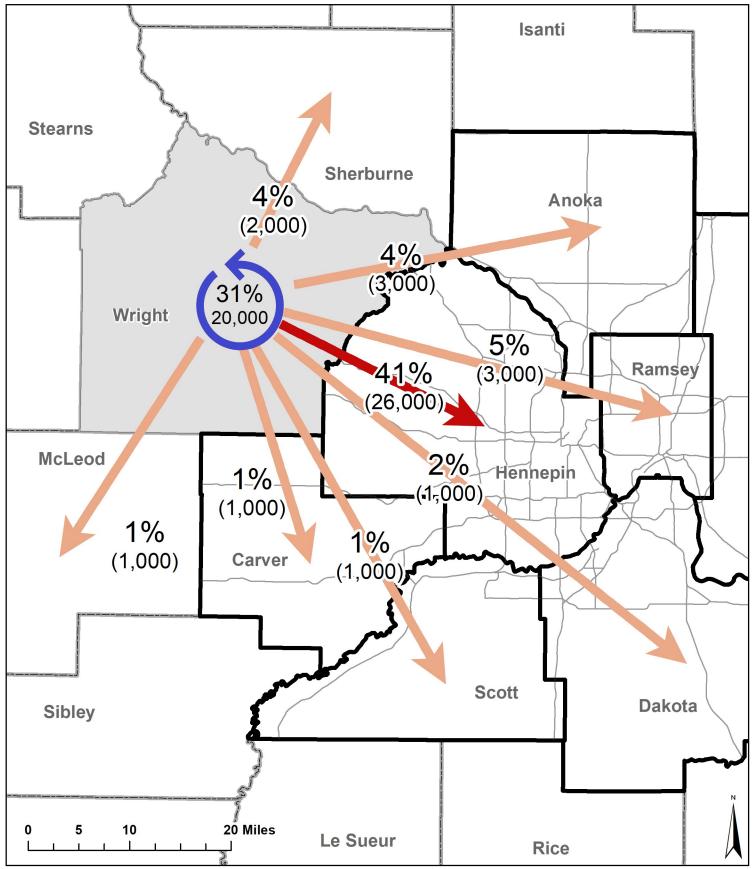




Total of 37,000 workers employed in Wright County. Data is 2015 LEHD data from the U.S. Census Bureau.

Figure 22: Wright County Employment Outflow





7/26/2018

Total of 63,000 workers living in Wright County. Data is 2015 LEHD data from the U.S. Census Bureau.

Table 1: Home and Work Locations Matrix

| | Work in this county: | | | | | | |
|------------|----------------------|---------------|--------|----------|---------|---------------|---------------|
| | Anoka | Carver | Dakota | Hennepin | Ramsey | Scott | Washington |
| Anoka | 51,000 | less than 500 | 4,000 | 71,000 | 31,000 | less than 500 | 4,000 |
| Carver | 1,000 | 13,000 | 2,000 | 24,000 | 2,000 | 2,000 | less than 500 |
| Dakota | 3,000 | 2,000 | 75,000 | 71,000 | 30,000 | 6,000 | 6,000 |
| Hennepin | 21,000 | 9,000 | 25,000 | 424,000 | 60,000 | 6,000 | 5,000 |
| Ramsey | 10,000 | 1,000 | 17,000 | 84,000 | 102,000 | 1,000 | 12,000 |
| Scott | 1,000 | 4,000 | 11,000 | 29,000 | 4,000 | 16,000 | less than 500 |
| Washington | 5,000 | less than 500 | 11,000 | 30,000 | 39,000 | 1,000 | 28,000 |

Tables 2:

Live in Anoka and work in:

| Hennepin County | 71,000 | 40% | | |
|---|--------|-----|--|--|
| Anoka County | 51,000 | 29% | | |
| Ramsey County | 31,000 | 18% | | |
| Washington County | 4,000 | 2% | | |
| Dakota County | 4,000 | 2% | | |
| Sherburne County | 2,000 | 1% | | |
| Chisago County | 1,000 | 1% | | |
| Wright County | 1,000 | 1% | | |
| Isanti County | 1,000 | 1% | | |
| St. Louis County | 1,000 | 1% | | |
| All Other Locations | 8,000 | 4% | | |
| Total # of workers who live in Anoka: 175,000 | | | | |

Live in Carver and work in:

| Hennepin County | 24,000 | 49% | | |
|---|--------|-----|--|--|
| Carver County | 13,000 | 28% | | |
| Scott County | 2,000 | 5% | | |
| Dakota County | 2,000 | 4% | | |
| Ramsey County | 2,000 | 4% | | |
| Wright County | 1,000 | 1% | | |
| Anoka County | 1,000 | 1% | | |
| McLeod County | 1,000 | 1% | | |
| Washington County | 0 | 1% | | |
| St. Louis County | 0 | 1% | | |
| All Other Locations | 3,000 | 5% | | |
| Total # of workers who live in Carver: 49,000 | | | | |

Live in Dakota and work in:

| Dakota County | 75,000 | 36% |
|--------------------------|------------------|---------|
| Hennepin County | 71,000 | 34% |
| Ramsey County | 30,000 | 14% |
| Scott County | 6,000 | 3% |
| Washington County | 6,000 | 3% |
| Anoka County | 3,000 | 1% |
| Rice County | 2,000 | 1% |
| Goodhue County | 2,000 | 1% |
| Carver County | 2,000 | 1% |
| St. Louis County | 1,000 | 1% |
| All Other Locations | 10,000 | 5% |
| Total # of workers who I | ive in Dakota: 2 | 208,000 |

Work in Anoka and live in:

| Anoka County | 51,000 | 46% |
|--------------------------|-----------------|--------|
| Hennepin County | 21,000 | 19% |
| Ramsey County | 10,000 | 9% |
| Sherburne County | 5,000 | 4% |
| Washington County | 5,000 | 4% |
| Isanti County | 3,000 | 3% |
| Wright County | 3,000 | 2% |
| Dakota County | 3,000 | 2% |
| Chisago County | 2,000 | 2% |
| Scott County | 1,000 | 1% |
| All Other Locations | 9,000 | 8% |
| Total # of people who wo | ork in Anoka: 1 | 13,000 |

Work in Carver and live in:

| Carver County 2 | 3,000 | 38% |
|-------------------------------|---------|--------|
| Hennepin County | 9,000 | 25% |
| Scott County | 4,000 | 11% |
| McLeod County | 2,000 | 5% |
| Dakota County | 2,000 | 4% |
| Wright County | 1,000 | 3% |
| Sibley County | 1,000 | 2% |
| Ramsey County | 1,000 | 2% |
| Anoka County | 1,000 | 1% |
| Le Sueur County | 0 | 1% |
| All Other Locations | 3,000 | 7% |
| Total # of people who work in | Carver: | 37,000 |
| | | |

Work in Dakota and live in:

| Dakota County | 75,000 | 44% |
|-------------------------------|---------|---------|
| Hennepin County | 25,000 | 15% |
| Ramsey County | 17,000 | 10% |
| Scott County | 11,000 | 7% |
| Washington County | 11,000 | 6% |
| Anoka County | 4,000 | 2% |
| Rice County | 4,000 | 2% |
| Goodhue County | 2,000 | 1% |
| Carver County | 2,000 | 1% |
| St. Croix County, WI | 2,000 | 1% |
| All Other Locations | 16,000 | 10% |
| Total # of people who work in | Dakota: | 169,000 |

Live in Hennepin and work in:

| Hennepin County | 424,000 | 74% |
|--------------------------|--------------------|---------|
| Ramsey County | 60,000 | 10% |
| Dakota County | 25,000 | 4% |
| Anoka County | 21,000 | 4% |
| Carver County | 9,000 | 2% |
| Scott County | 6,000 | 1% |
| Washington County | 5,000 | 1% |
| Wright County | 4,000 | 1% |
| Stearns County | 2,000 | 0% |
| St. Louis County | 2,000 | 0% |
| All Other Locations | 19,000 | 3% |
| Total # of workers who l | ive in Hennepin: է | 577,000 |

Live in Ramsey and work in:

| Ramsey County | 102,000 | 43% |
|------------------------|----------------|---------|
| Hennepin County | 84,000 | 35% |
| Dakota County | 17,000 | 7% |
| Washington County | 12,000 | 5% |
| Anoka County | 10,000 | 4% |
| Scott County | 1,000 | 0% |
| St. Louis County | 1,000 | 0% |
| Stearns County | 1,000 | 0% |
| Carver County | 1,000 | 0% |
| St. Croix County, WI | 1,000 | 0% |
| All Other Locations | 9,000 | 4% |
| Total # of workers who | live in Demons | 220 000 |

Total # of workers who live in Ramsey: 239,000

Live in Scott and work in:

| Hennepin County | 29,000 | 41% |
|--|--------|--------|
| Scott County | 16,000 | 23% |
| Dakota County | 11,000 | 16% |
| Carver County | 4,000 | 5% |
| Ramsey County | 4,000 | 5% |
| Anoka County | 1,000 | 1% |
| Le Sueur County | 1,000 | 1% |
| Washington County | < 500 | 1% |
| Rice County | < 500 | 1% |
| St. Louis County | < 500 | 1% |
| All Other Locations | 4,000 | 5% |
| Total # of workers who live in Scott: 70,000 | | 70,000 |

Live in Washington and work in:

| Ramsey County | 39,000 | 32% |
|-------------------------------|-----------------------------|--------|
| Hennepin County | 30,000 | 24% |
| Washington County | 28,000 | 23% |
| Dakota County | 11,000 | 9% |
| Anoka County | 5,000 | 4% |
| St. Croix County, WI | 2,000 | 1% |
| Chisago County | 1,000 | 1% |
| St. Louis County | 1,000 | 1% |
| Scott County | 1,000 | 1% |
| Goodhue County | 1,000 | 0% |
| All Other Locations | 6,000 | 5% |
| Total # of workers who live i | n Washington [,] 1 | 25 000 |

Work in Hennepin and live in:

| | • | |
|-------------------------------|-------------|--------|
| Hennepin County | 424,000 | 51% |
| Ramsey County | 84,000 | 10% |
| Dakota County | 71,000 | 9% |
| Anoka County | 71,000 | 8% |
| Washington County | 30,000 | 4% |
| Scott County | 29,000 | 3% |
| Wright County | 26,000 | 3% |
| Carver County | 24,000 | 3% |
| Sherburne County | 14,000 | 2% |
| Chisago County | 5,000 | 1% |
| All Other Locations | 62,000 | 7% |
| Total # of people who work in | Hennepin: 8 | 40,000 |
| | | |

Work in Ramsey and live in:

| work in Ramovy and involution | | |
|-------------------------------|-------------|---------|
| Ramsey County | 102,000 | 33% |
| Hennepin County | 60,000 | 20% |
| Washington County | 39,000 | 13% |
| Anoka County | 31,000 | 10% |
| Dakota County | 30,000 | 10% |
| St. Croix County, WI | 6,000 | 2% |
| Chisago County | 5,000 | 2% |
| Scott County | 4,000 | 1% |
| Wright County | 3,000 | 1% |
| Sherburne County | 2,000 | 1% |
| All Other Locations | 25,000 | 8% |
| Total # of people who work in | n Ramsey: 3 | 307,000 |
| | | |

Work in Scott and live in:

| Scott County | 16,000 | 41% |
|----------------------------|---------------|-------|
| Dakota County | 6,000 | 15% |
| Hennepin County | 6,000 | 15% |
| Carver County | 2,000 | 6% |
| Le Sueur County | 2,000 | 4% |
| Ramsey County | 1,000 | 3% |
| Rice County | 1,000 | 2% |
| Anoka County | 1,000 | 2% |
| Washington County | 1,000 | 1% |
| Wright County | 1,000 | 1% |
| All Other Locations | 4,000 | 9% |
| Total # of people who work | k in Scott: 4 | 1,000 |
| | | |

Work in Washington and live in:

| nsey County | 39,000 | 32% | Washington County | 28,000 | 40% |
|--|--------|-----|-------------------------------|-------------|--------|
| nepin County | 30,000 | 24% | Ramsey County | 12,000 | 17% |
| shington County | 28,000 | 23% | Dakota County | 6,000 | 8% |
| kota County | 11,000 | 9% | St. Croix County, WI | 5,000 | 7% |
| oka County | 5,000 | 4% | Hennepin County | 5,000 | 7% |
| Croix County, WI | 2,000 | 1% | Anoka County | 4,000 | 6% |
| sago County | 1,000 | 1% | Chisago County | 3,000 | 4% |
| Louis County | 1,000 | 1% | Polk County, WI | 1,000 | 2% |
| ott County | 1,000 | 1% | Pierce County, WI | 1,000 | 1% |
| odhue County | 1,000 | 0% | Wright County | < 500 | 1% |
| Other Locations | 6,000 | 5% | All Other Locations | 6,000 | 8% |
| Total # of workers who live in Washington: 125,000 | | | Total # of people who work in | Washington: | 71,000 |
| | | | | | |

Live in Chisago and work in:

| Chisago County | 6,000 | 48% |
|--------------------------------|------------|--------|
| Anoka County | 1,000 | 10% |
| Washington County | 1,000 | 8% |
| Isanti County | 1,000 | 8% |
| Pine County | 1,000 | 6% |
| Polk County, WI | 1,000 | 4% |
| Ramsey County | < 500 | 3% |
| Hennepin County | < 500 | 2% |
| Kanabec County | < 500 | 2% |
| Burnett County, WI | < 500 | 1% |
| All Other Locations | 1,000 | 7% |
| Total # of workers who live ir | h Chisago: | 12,000 |

Live in Polk (WI) and work in:

| Polk County, WI | 9,000 | 42% | |
|---|-------|-----|--|
| St. Croix County, WI | 2,000 | 9% | |
| Hennepin County | 1,000 | 6% | |
| Washington County | 1,000 | 6% | |
| Ramsey County | 1,000 | 5% | |
| Barron County, WI | 1,000 | 5% | |
| Chisago County | 1,000 | 3% | |
| Burnett County, WI | 1,000 | 3% | |
| Anoka County | < 500 | 2% | |
| Eau Claire County, WI | < 500 | 2% | |
| All Other Locations | 4,000 | 17% | |
| Total # of workers who live in Polk: 21,000 | | | |

Live in St. Croix (WI) and work in:

| St. Croix County, WI | 15,000 | 35% | |
|--|--------|-----|--|
| Ramsey County | 6,000 | 14% | |
| Washington County | 5,000 | 11% | |
| Hennepin County | 5,000 | 11% | |
| Dakota County | 2,000 | 4% | |
| Pierce County, WI | 1,000 | 3% | |
| Polk County, WI | 1,000 | 3% | |
| Eau Claire County, WI | 1,000 | 2% | |
| Dunn County, WI | 1,000 | 2% | |
| Anoka County | 1,000 | 2% | |
| All Other Locations | 6,000 | 13% | |
| Total # of workers who live in St. Croix: 44,000 | | | |

Live in Pierce (WI) and work in:

| Pierce County, WI | 5,000 | 30% | |
|---|-------|-----|--|
| St. Croix County, WI | 3,000 | 19% | |
| Goodhue County | 2,000 | 11% | |
| Dakota County | 1,000 | 7% | |
| Washington County | 1,000 | 4% | |
| Eau Claire County, WI | < 500 | 3% | |
| Dunn County, WI | < 500 | 3% | |
| Dane County, WI | < 500 | 2% | |
| Ramsey County | < 500 | 2% | |
| La Crosse County, WI | < 500 | 2% | |
| All Other Locations | 3,000 | 19% | |
| Total # of workers who live in Disres: 15,000 | | | |

Total # of workers who live in Pierce: 15,000 Total # of people who work in Pierce: 7,000

Work in Chisago and live in:

| tront in onlonge und nee | | |
|------------------------------|------------|--------|
| Chisago County | 6,000 | 24% |
| Hennepin County | 5,000 | 19% |
| Ramsey County | 5,000 | 19% |
| Washington County | 3,000 | 10% |
| Anoka County | 2,000 | 9% |
| Isanti County | 1,000 | 4% |
| Dakota County | 1,000 | 4% |
| Polk County, WI | 1,000 | 2% |
| Pine County | < 500 | 1% |
| Stearns County | < 500 | 1% |
| All Other Locations | 2,000 | 8% |
| Total # of people who work i | n Chisago: | 26,000 |
| | | |

Work in Polk (WI) and live in:

| Polk County, WI | 9,000 | 59% |
|--------------------------|--------------|--------|
| St. Croix County, WI | 1,000 | 9% |
| Barron County, WI | 1,000 | 5% |
| Burnett County, WI | 1,000 | 4% |
| Chisago County | 1,000 | 4% |
| Washington County | < 500 | 2% |
| Dunn County, WI | < 500 | 2% |
| Milwaukee County, WI | < 500 | 1% |
| Eau Claire County, WI | < 500 | 1% |
| Ramsey County | < 500 | 1% |
| All Other Locations | 2,000 | 12% |
| Total # of people who wo | ork in Polk: | 15,000 |
| | | |

Work in St. Croix (WI) and live in:

| St. Croix County, WI | 15,000 | 53% |
|-------------------------------|------------|--------|
| Pierce County, WI | 3,000 | 10% |
| Polk County, WI | 2,000 | 6% |
| Washington County | 2,000 | 6% |
| Dunn County, WI | 1,000 | 4% |
| Ramsey County | 1,000 | 3% |
| Barron County, WI | < 500 | 2% |
| Eau Claire County, WI | < 500 | 1% |
| Dakota County | < 500 | 1% |
| Hennepin County | < 500 | 1% |
| All Other Locations | 4,000 | 13% |
| Total # of people who work in | St. Croix: | 28,000 |
| | | |

Work in Pierce (WI) and live in:

| Pierce County, WI | 5,000 | 53% |
|----------------------------|------------|-------|
| St. Croix County, WI | 1,000 | 17% |
| Dunn County, WI | < 500 | 4% |
| Washington County | < 500 | 3% |
| Dakota County | < 500 | 3% |
| Goodhue County | < 500 | 3% |
| Pepin County, WI | < 500 | 3% |
| Ramsey County | < 500 | 1% |
| Polk County, WI | < 500 | 1% |
| Hennepin County | < 500 | 1% |
| All Other Locations | 1,000 | 10% |
| Total # of people who work | in Pierce: | 7,000 |

Live in Goodhue and work in:

| Goodhue County | 10,000 | 45% | |
|--|--------|-----|--|
| Olmsted County | 3,000 | 12% | |
| Dakota County | 2,000 | 10% | |
| Hennepin County | 2,000 | 9% | |
| Ramsey County | 1,000 | 5% | |
| Rice County | 1,000 | 4% | |
| Wabasha County | 1,000 | 3% | |
| Washington County | < 500 | 1% | |
| Pierce County, WI | < 500 | 1% | |
| Steele County | < 500 | 1% | |
| All Other Locations | 2,000 | 9% | |
| Total # of workers who live in Goodhue: 22,000 | | | |

Live in Rice and work in:

| Rice County | 14,000 | 47% | |
|---|--------|-----|--|
| Hennepin County | 4,000 | 14% | |
| Dakota County | 4,000 | 12% | |
| Steele County | 2,000 | 5% | |
| Ramsey County | 1,000 | 4% | |
| Scott County | 1,000 | 3% | |
| Olmsted County | < 500 | 2% | |
| Le Sueur County | < 500 | 1% | |
| Blue Earth County | < 500 | 1% | |
| Goodhue County | < 500 | 1% | |
| All Other Locations | 3,000 | 9% | |
| Total # of workers who live in Rice: 20 000 | | | |

Total # of workers who live in Rice: 29,000

Live in Le Sueur and work in:

| Le Sueur County | 4,000 | 27% | Le Sueur County |
|---------------------|----------------------|--------|------------------------------|
| Scott County | 2,000 | 12% | Scott County |
| Hennepin County | 2,000 | 11% | Nicollet County |
| Blue Earth County | 1,000 | 10% | Blue Earth County |
| Nicollet County | 1,000 | 10% | Sibley County |
| Dakota County | 1,000 | 7% | Rice County |
| Rice County | 1,000 | 5% | Hennepin County |
| Ramsey County | < 500 | 3% | Waseca County |
| Waseca County | < 500 | 3% | Carver County |
| Carver County | < 500 | 2% | Dakota County |
| All Other Locations | 1,000 | 10% | All Other Locations |
| Total # of workers | who live in Le Seur: | 13,000 | Total # of people who work i |
| | | | |

Live in Sibley and work in:

| j | | |
|--|-------|-----|
| Sibley County | 2,000 | 31% |
| Carver County | 1,000 | 11% |
| Hennepin County | 1,000 | 10% |
| McLeod County | 1,000 | 9% |
| Scott County | 1,000 | 7% |
| Le Sueur County | < 500 | 6% |
| Brown County | < 500 | 5% |
| Nicollet County | < 500 | 4% |
| Ramsey County | < 500 | 3% |
| Renville County | < 500 | 2% |
| All Other Locations | 1,000 | 13% |
| Total # of workers who live in Sibley: 7,000 | | |
| | | |

Work in Goodhue and live in:

| Goodhue County | 10,000 | 52% |
|-------------------------------|----------|--------|
| Pierce County, WI | 2,000 | 8% |
| Dakota County | 2,000 | 8% |
| Wabasha County | 1,000 | 5% |
| Olmsted County | 1,000 | 5% |
| Washington County | 1,000 | 3% |
| Hennepin County | < 500 | 2% |
| Ramsey County | < 500 | 2% |
| Rice County | < 500 | 2% |
| Dodge County | < 500 | 1% |
| All Other Locations | 2,000 | 12% |
| Total # of people who work in | Goodhue: | 19,000 |
| | | |

Work in Rice and live in:

| Rice County | 14,000 | 59% |
|----------------------------|------------|-------|
| Dakota County | 2,000 | 9% |
| Steele County | 1,000 | 6% |
| Goodhue County | 1,000 | 4% |
| Hennepin County | 1,000 | 3% |
| Le Sueur County | 1,000 | 3% |
| Scott County | < 500 | 2% |
| Ramsey County | < 500 | 2% |
| Waseca County | < 500 | 1% |
| Anoka County | < 500 | 1% |
| All Other Locations | 2,000 | 11% |
| Total # of people who work | in Rice: 2 | 2,000 |
| | | |

Work in Le Sueur and live in:

| Le Sueur County | 4,000 | 49% |
|------------------------------|------------|---------|
| Scott County | 1,000 | 10% |
| Nicollet County | 1,000 | 8% |
| Blue Earth County | 1,000 | 7% |
| Sibley County | < 500 | 5% |
| Rice County | < 500 | 5% |
| Hennepin County | < 500 | 3% |
| Waseca County | < 500 | 2% |
| Carver County | < 500 | 2% |
| Dakota County | < 500 | 2% |
| All Other Locations | 1,000 | 9% |
| Total # of people who work i | n Le Sueur | : 8,000 |
| | | |

Work in Sibley and live in:

| Sibley County | 2,000 | 54% |
|----------------------------|------------|-------|
| McLeod County | < 500 | 8% |
| Nicollet County | < 500 | 5% |
| Carver County | < 500 | 4% |
| Hennepin County | < 500 | 3% |
| Brown County | < 500 | 3% |
| Scott County | < 500 | 3% |
| Le Sueur County | < 500 | 3% |
| Renville County | < 500 | 2% |
| Blue Earth County | < 500 | 2% |
| All Other Locations | 1,000 | 14% |
| Total # of people who work | in Sibley: | 3,000 |
| | | |

Live in McLeod and work in:

| McLeod County | 9,000 | 52% |
|-------------------------------|-----------|--------|
| Hennepin County | 2,000 | 11% |
| Carver County | 2,000 | 10% |
| Wright County | 1,000 | 4% |
| Ramsey County | < 500 | 3% |
| Meeker County | < 500 | 2% |
| Sibley County | < 500 | 2% |
| Renville County | < 500 | 2% |
| Kandiyohi County | < 500 | 2% |
| Stearns County | < 500 | 2% |
| All Other Locations | 2,000 | 11% |
| Total # of workers who live i | n McLeod: | 16,000 |

Live in Wright and work in:

| Hennepin County | 26,000 | 41% | |
|---|--------|-----|--|
| Wright County | 20,000 | 31% | |
| Ramsey County | 3,000 | 5% | |
| Anoka County | 3,000 | 4% | |
| Stearns County | 3,000 | 4% | |
| Sherburne County | 2,000 | 4% | |
| Dakota County | 1,000 | 2% | |
| Carver County | 1,000 | 2% | |
| Scott County | 1,000 | 1% | |
| McLeod County | 1,000 | 1% | |
| All Other Locations | 4,000 | 7% | |
| Total # of workers who live in Wright: 65 000 | | | |

Total # of workers who live in Wright: 65,000

Live in Sherburne and work in:

| Hennepin County | 14,000 | 30% |
|--|--------|-----|
| Sherburne County | 10,000 | 22% |
| Anoka County | 5,000 | 11% |
| Stearns County | 4,000 | 10% |
| Wright County | 4,000 | 8% |
| Ramsey County | 2,000 | 5% |
| Benton County | 1,000 | 3% |
| Dakota County | 1,000 | 2% |
| Mille Lacs County | 1,000 | 2% |
| Washington County | < 500 | 1% |
| All Other Locations | 3,000 | 7% |
| Total # of workers who live in Sharburne: 45,000 | | |

Total # of workers who live in Sherburne: 45,000

Live in Isanti and work in:

| Isanti County | 5,000 | 27% |
|---|-------|-----|
| Hennepin County | 4,000 | 20% |
| Anoka County | 3,000 | 18% |
| Ramsey County | 2,000 | 9% |
| Chisago County | 1,000 | 5% |
| Sherburne County | 1,000 | 3% |
| Dakota County | < 500 | 3% |
| Washington County | < 500 | 2% |
| Mille Lacs County | < 500 | 2% |
| Stearns County | < 500 | 1% |
| All Other Locations | 2,000 | 10% |
| Total # of workers who live in Isanti: 18,000 | | |

Work in McLeod and live in:

| McLeod County | 9,000 | 56% |
|----------------------------|------------|--------|
| Meeker County | 1,000 | 7% |
| Sibley County | 1,000 | 4% |
| Carver County | 1,000 | 4% |
| Wright County | 1,000 | 3% |
| Renville County | < 500 | 3% |
| Hennepin County | < 500 | 3% |
| Scott County | < 500 | 2% |
| Stearns County | < 500 | 1% |
| Brown County | < 500 | 1% |
| All Other Locations | 2,000 | 16% |
| Total # of people who work | in McLeod: | 15,000 |
| | | |

Work in Wright and live in:

| | on and the give and need the | | |
|-----|------------------------------|----------------|--------|
| W | right County | 20,000 | 53% |
| He | ennepin County | 4,000 | 10% |
| Sh | erburne County | 4,000 | 10% |
| St | earns County | 2,000 | 5% |
| An | loka County | 1,000 | 3% |
| Me | eeker County | 1,000 | 3% |
| Mo | cLeod County | 1,000 | 2% |
| Ca | arver County | 1,000 | 2% |
| Da | akota County | < 500 | 1% |
| Ra | amsey County | < 500 | 1% |
| All | Other Locations | 4,000 | 10% |
| | Total # of people who w | ork in Wright: | 38,000 |
| | | | |

Work in Sherburne and live in:

| | • • • • • • | |
|----------------------------|-----------------|--------|
| Sherburne County | 10,000 | 41% |
| Anoka County | 2,000 | 10% |
| Wright County | 2,000 | 10% |
| Mille Lacs County | 2,000 | 7% |
| Hennepin County | 2,000 | 7% |
| Stearns County | 2,000 | 7% |
| Benton County | 1,000 | 4% |
| Isanti County | 1,000 | 3% |
| Ramsey County | < 500 | 1% |
| Dakota County | < 500 | 1% |
| All Other Locations | 2,000 | 10% |
| Total # of people who work | k in Sherburne: | 24,000 |
| | | |

Work in Isanti and live in:

| Isanti County | 5,000 | 48% |
|-------------------------|---------------|---------|
| Chisago County | 1,000 | 10% |
| Anoka County | 1,000 | 9% |
| Kanabec County | 1,000 | 7% |
| Pine County | < 500 | 5% |
| Mille Lacs County | < 500 | 3% |
| Sherburne County | < 500 | 3% |
| Hennepin County | < 500 | 2% |
| Ramsey County | < 500 | 2% |
| Wright County | < 500 | 1% |
| All Other Locations | 1,000 | 11% |
| Total # of people who w | ork in Isanti | : 9,000 |

Tables 3:

Live in Minneapolis and work in:

| Minneapolis city | 80,000 | 44% | | |
|---|--------|-----|--|--|
| St. Paul city | 17,000 | 9% | | |
| Bloomington city | 10,000 | 6% | | |
| Edina city | 5,000 | 3% | | |
| St. Louis Park city | 4,000 | 2% | | |
| Eden Prairie city | 4,000 | 2% | | |
| Golden Valley city | 4,000 | 2% | | |
| Minnetonka city | 4,000 | 2% | | |
| Plymouth city | 4,000 | 2% | | |
| Eagan city | 3,000 | 2% | | |
| All Other Locations | 47,000 | 26% | | |
| Total # of workers who live in Minneapolis: 182 000 | | | | |

Live in St. Paul and work in:

| St. Paul city | 40,000 | 31% | | | |
|---|--------|-----|--|--|--|
| Minneapolis city | 25,000 | 20% | | | |
| Bloomington city | 5,000 | 4% | | | |
| Eagan city | 4,000 | 3% | | | |
| Roseville city | 4,000 | 3% | | | |
| Maplewood city | 3,000 | 2% | | | |
| Woodbury city | 2,000 | 2% | | | |
| Edina city | 2,000 | 2% | | | |
| Eden Prairie city | 1,000 | 1% | | | |
| Golden Valley city | 1,000 | 1% | | | |
| All Other Locations | 40,000 | 31% | | | |
| Total # of workers who live in St. Doub 127,000 | | | | | |

Work in Minneapolis and live in:

| neapolis city | 80,000 | 44% | Minneapolis city | 80,000 | 26% | |
|--|--------|-----|---------------------|---------|-----|--|
| Paul city | 17,000 | 9% | St. Paul city | 25,000 | 8% | |
| omington city | 10,000 | 6% | Brooklyn Park city | 8,000 | 3% | |
| na city | 5,000 | 3% | Plymouth city | 8,000 | 3% | |
| Louis Park city | 4,000 | 2% | St. Louis Park city | 7,000 | 2% | |
| en Prairie city | 4,000 | 2% | Bloomington city | 7,000 | 2% | |
| den Valley city | 4,000 | 2% | Maple Grove city | 6,000 | 2% | |
| netonka city | 4,000 | 2% | Blaine city | 6,000 | 2% | |
| nouth city | 4,000 | 2% | Edina city | 6,000 | 2% | |
| jan city | 3,000 | 2% | Eagan city | 6,000 | 2% | |
| Other Locations | 47,000 | 26% | All Other Locations | 153,000 | 49% | |
| Total # of workers who live in Minneapolis: 182,000 Total # of people who work in Minneapolis: 312,000 | | | | | | |
| | | | | | | |

Work in St. Paul and live in:

| St. Paul city | 40,000 | 23% | |
|---|--------|-----|--|
| Minneapolis city | 17,000 | 10% | |
| Woodbury city | 8,000 | 5% | |
| Maplewood city | 5,000 | 3% | |
| Eagan city | 4,000 | 2% | |
| Cottage Grove city | 4,000 | 2% | |
| Oakdale city | 3,000 | 2% | |
| Roseville city | 3,000 | 2% | |
| Inver Grove Heights city | 3,000 | 2% | |
| Bloomington city | 2,000 | 1% | |
| All Other Locations | 87,000 | 49% | |
| Total # of people who work in St. Paul: 176,000 | | | |
| | | | |

Total # of workers who live in St. Paul: 127,000