



Commuting Patterns and Rural Regions

Wisconsin Rural Economic Summit

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An Example of Rural Commuting Patterns - *Adams County (Q2 2018)*

Employees Working in Adams County *County of Residence (n = 4,212)*

County of Residence	Count	Share
Adams County, WI	1,969	46.7%
Wood County, WI	312	7.4%
Sauk County, WI	296	7.0%
Juneau County, WI	230	5.5%
Portage County, WI	185	4.4%
Waushara County, WI	168	4.0%
Columbia County, WI	164	3.9%
Marquette County, WI	137	3.3%
Dane County, WI	68	1.6%
Fond du Lac County, WI	44	1.0%
All Other Locations	639	15.2%

Employees Residing in Adams County *County of Employment (n = 7,324)*

Place of Employment	Count	Share
Adams County, WI	1,969	26.9%
Sauk County, WI	881	12.0%
Wood County, WI	572	7.8%
Columbia County, WI	453	6.2%
Juneau County, WI	370	5.1%
Marquette County, WI	289	3.9%
Portage County, WI	277	3.8%
Dane County, WI	214	2.9%
Brown County, WI	186	2.5%
Milwaukee County, WI	162	2.2%
All Other Locations	1,951	26.6%

This map illustrates the county boundaries and names of Wisconsin. A network of red dots and lines is overlaid on the map, representing a transportation or communication network. The dots are concentrated in the central and eastern parts of the state, particularly around the Milwaukee and Madison areas. The lines connect these dots, forming a dense web. The map also shows the locations of major cities and bodies of water. A legend in the bottom left corner indicates 'Black Hawk' with a red dot.

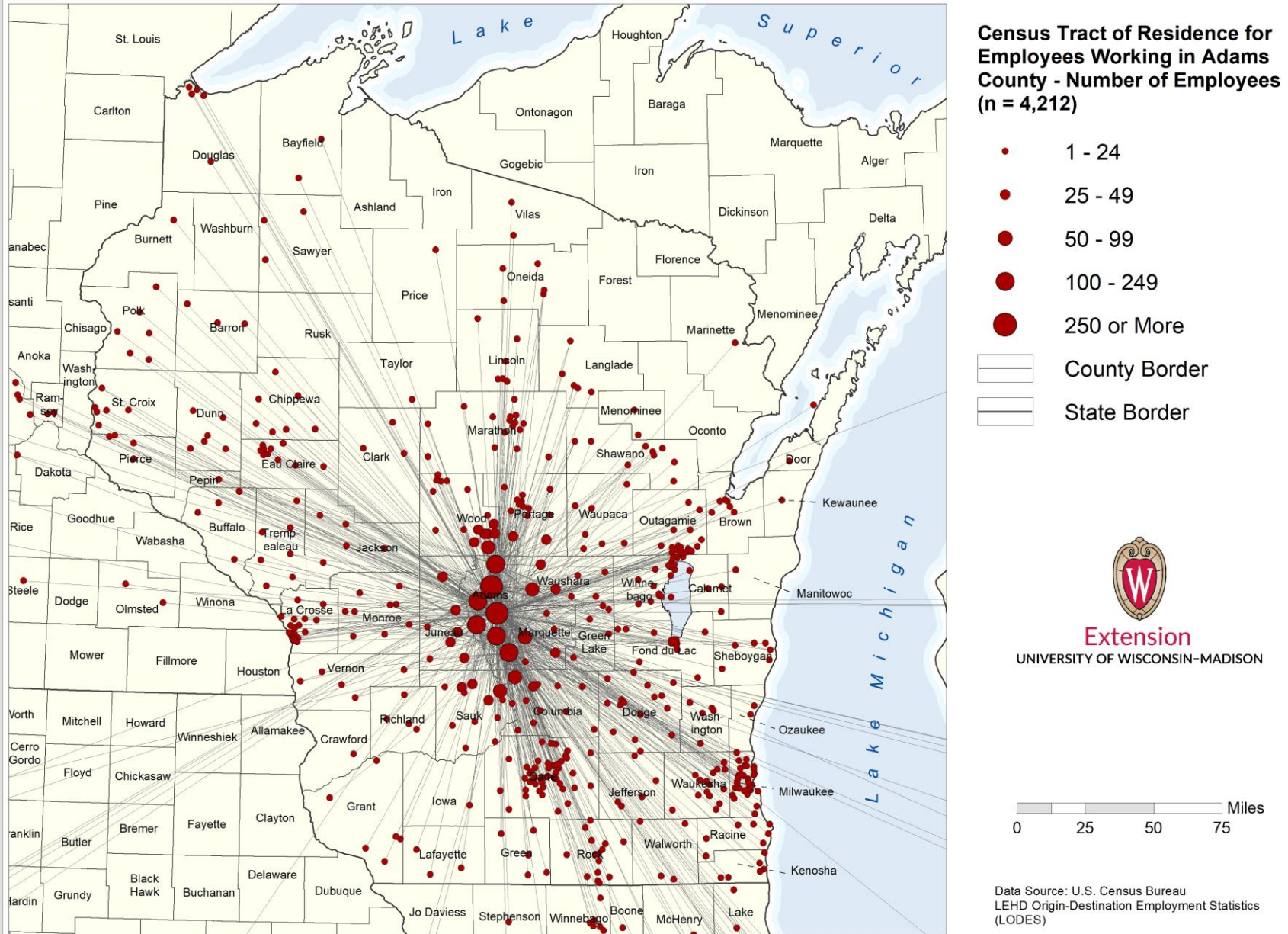
• 1 - 24
 • 25 - 49
 • 50 - 99
 • 100 - 249
 • 250 or More
 County Border
 State Border



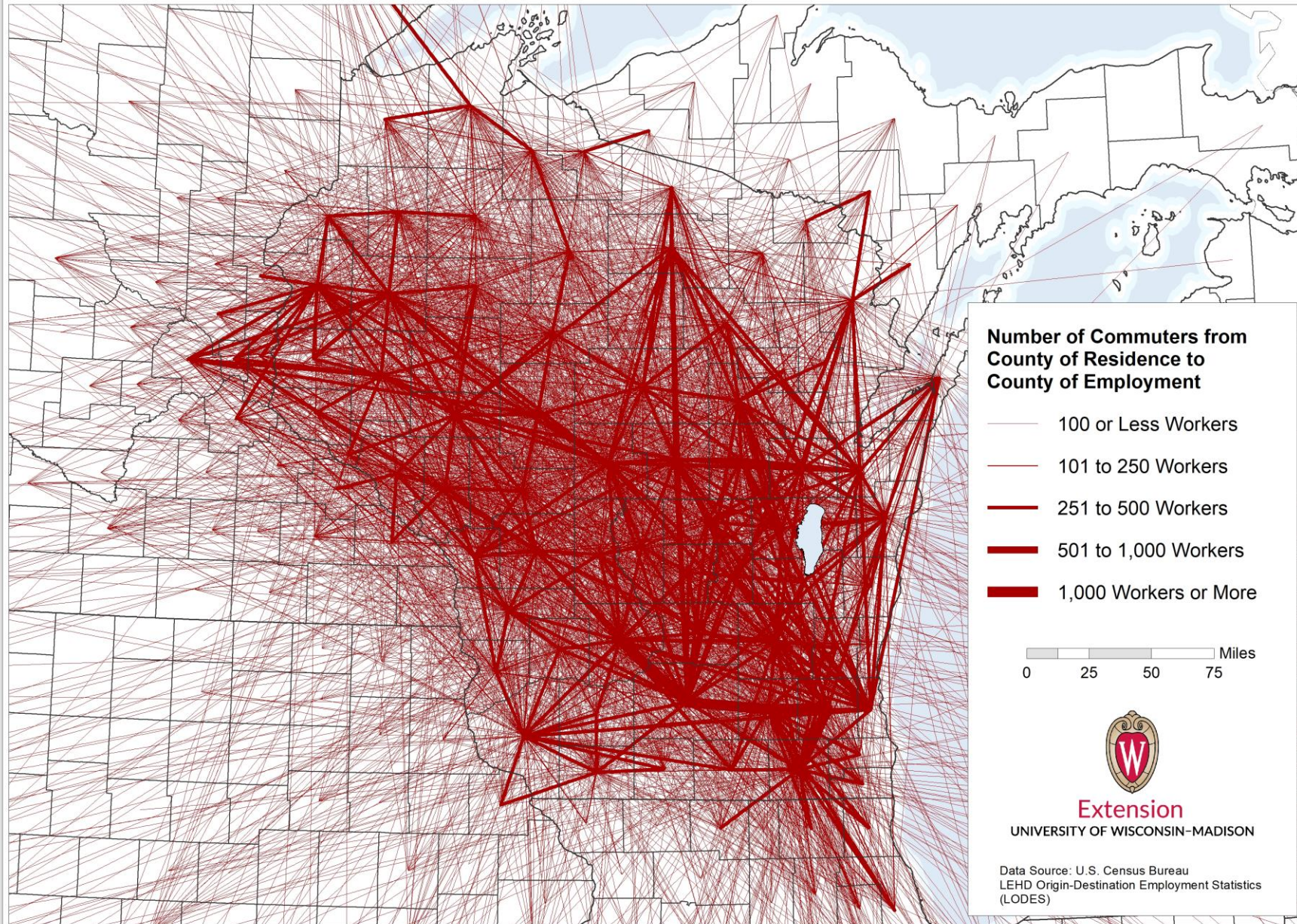
A horizontal number line is shown with tick marks at 0, 25, 50, and 75. The word "Miles" is written at the right end of the line. The segment from 0 to 12.5 is shaded gray. The segment from 25 to 50 is also shaded gray. The segment from 12.5 to 25 is white, and the segment from 50 to 75 is white.

Data Source: U.S. Census Bureau
LEHD Origin-Destination Employment Statistics
(LODES)

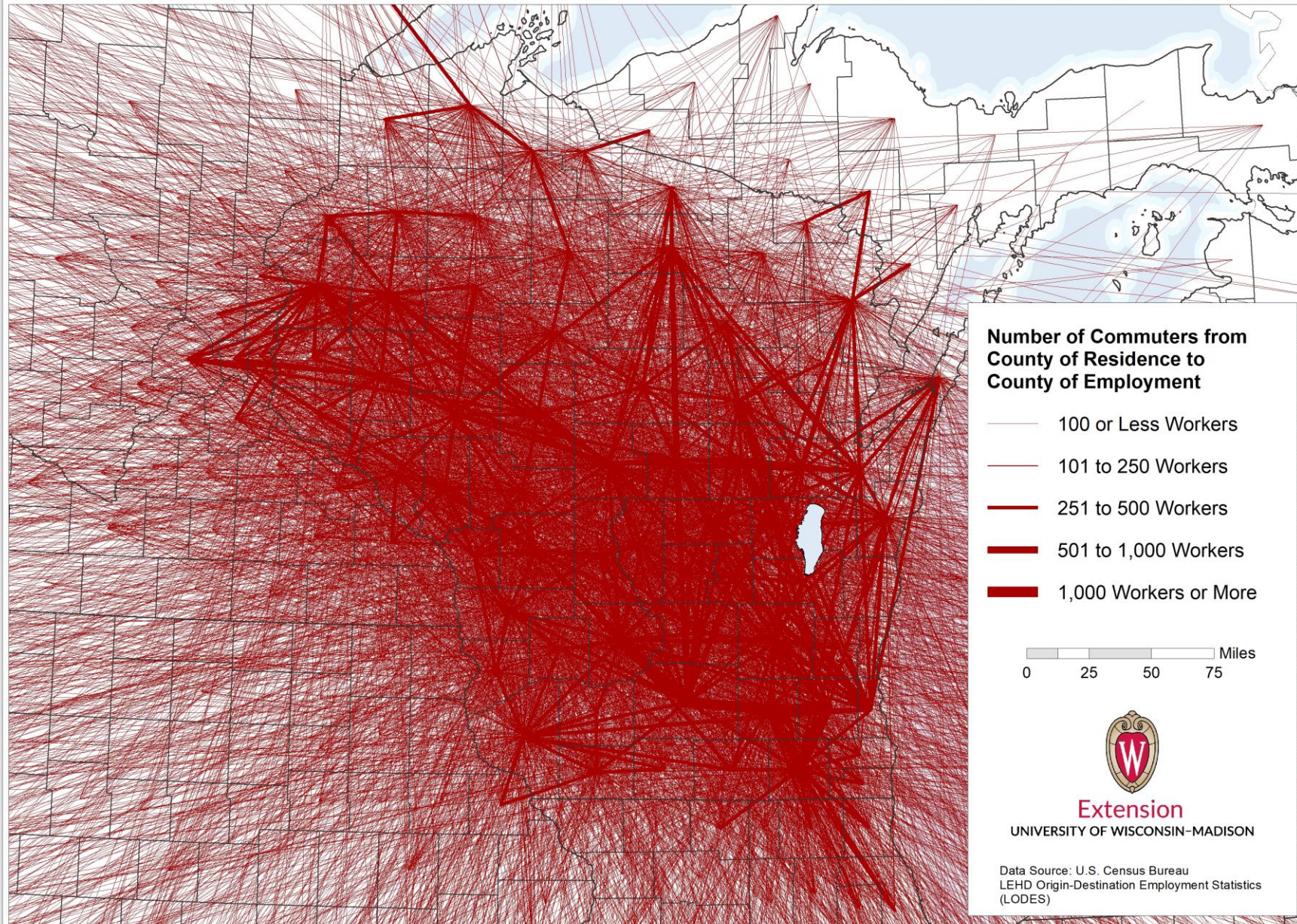
Census Tract of Residence for Employees Working in Adams County (Primary Jobs, Q2 2018)



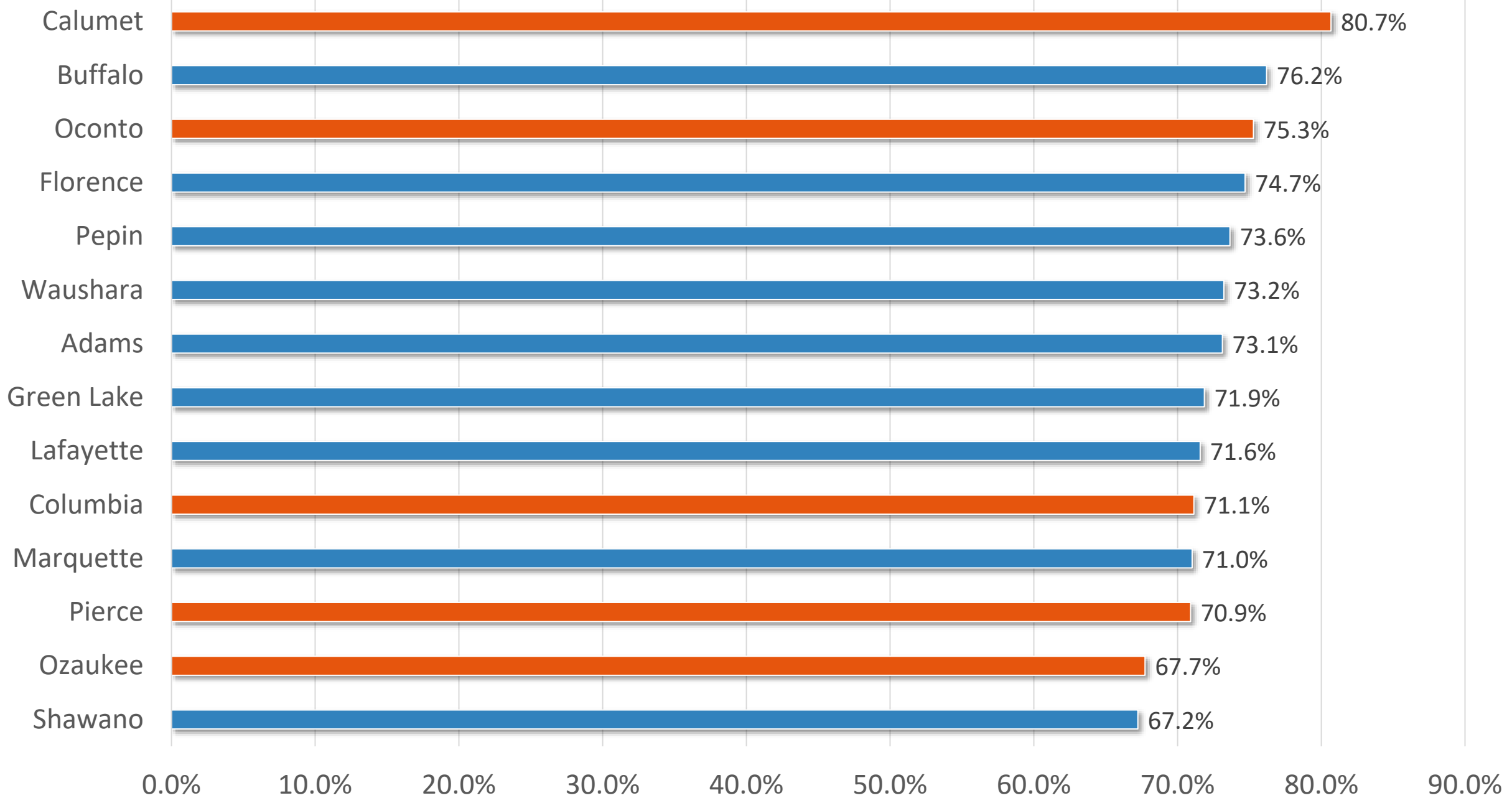
Commuting Networks for Wisconsin Non-Metro Counties - Outflow from County of Residence (2018)



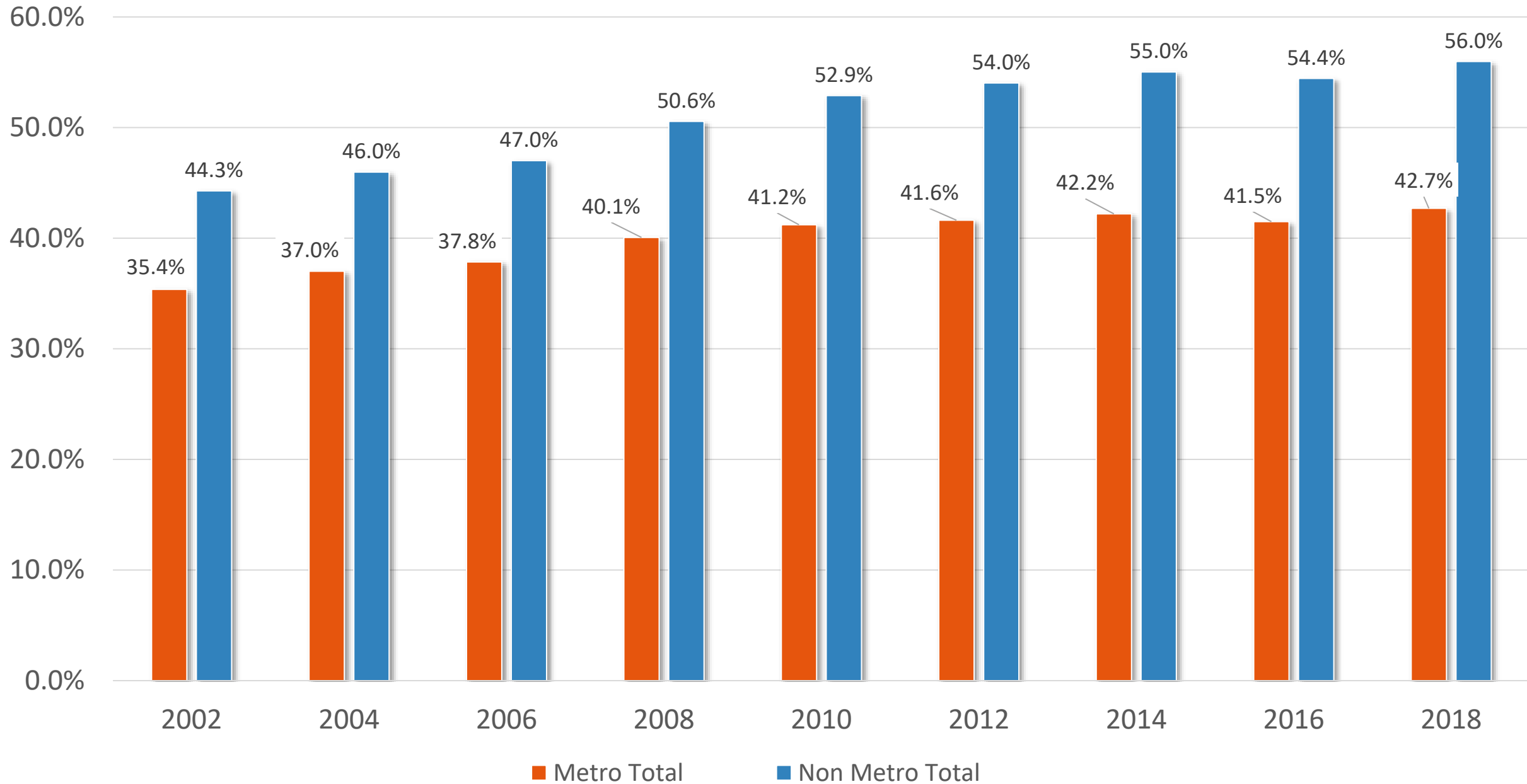
Commuting Networks for Wisconsin Non-Metro Counties - Outflow from County of Residence (2018)



Counties with the Greatest Share of Residents who Commute to Another County (Q2 2018 – Primary Jobs)

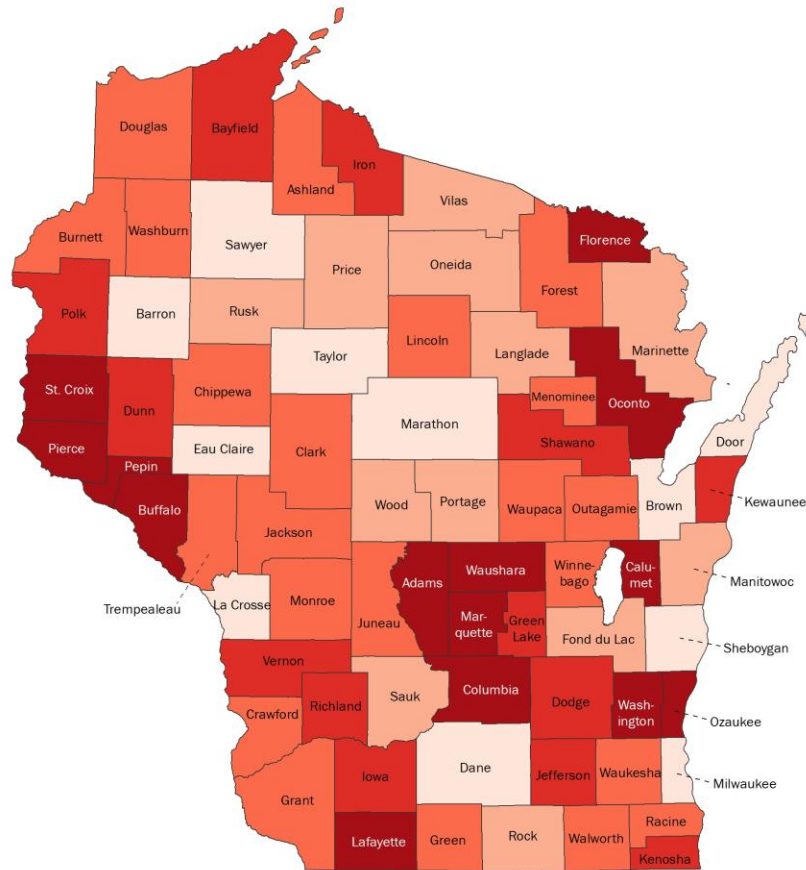


Share of County Residents Commuting to Another County for Employment (Primary Jobs) 2002 to 2018



Share of County Residents Commuting to Another County for Employment (Primary Job)

Share of Employed Residents - Q2 2002

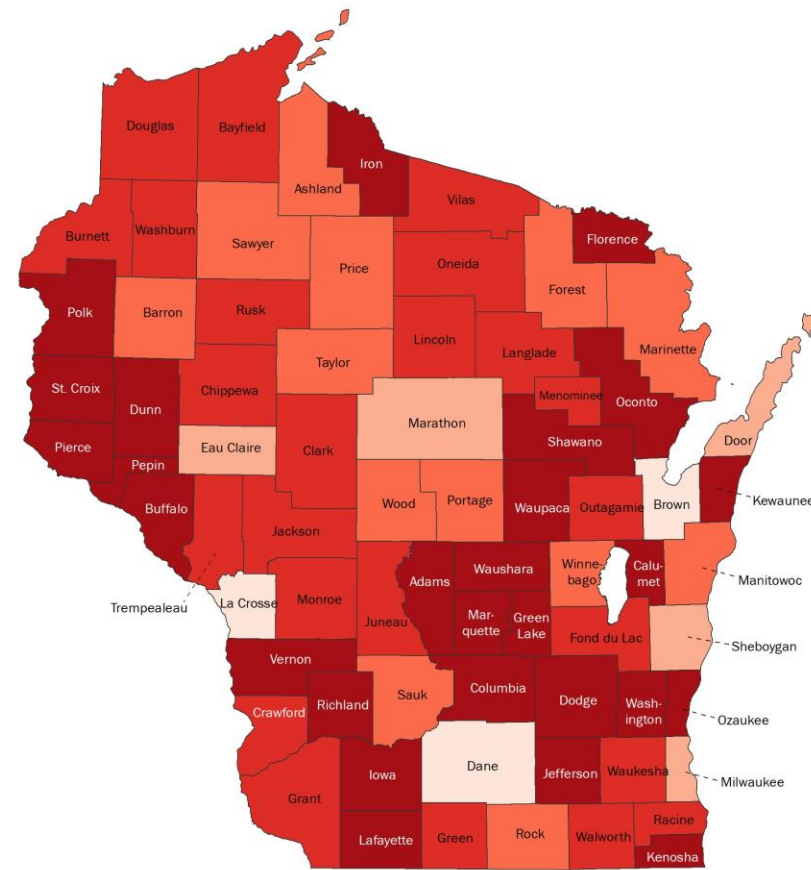


Share of County Residents who are Employed



Data Source: U.S. Census Bureau LEHD
Origin-Destination Employment Statistics (LODES)

Share of Employed Residents - Q2 2018

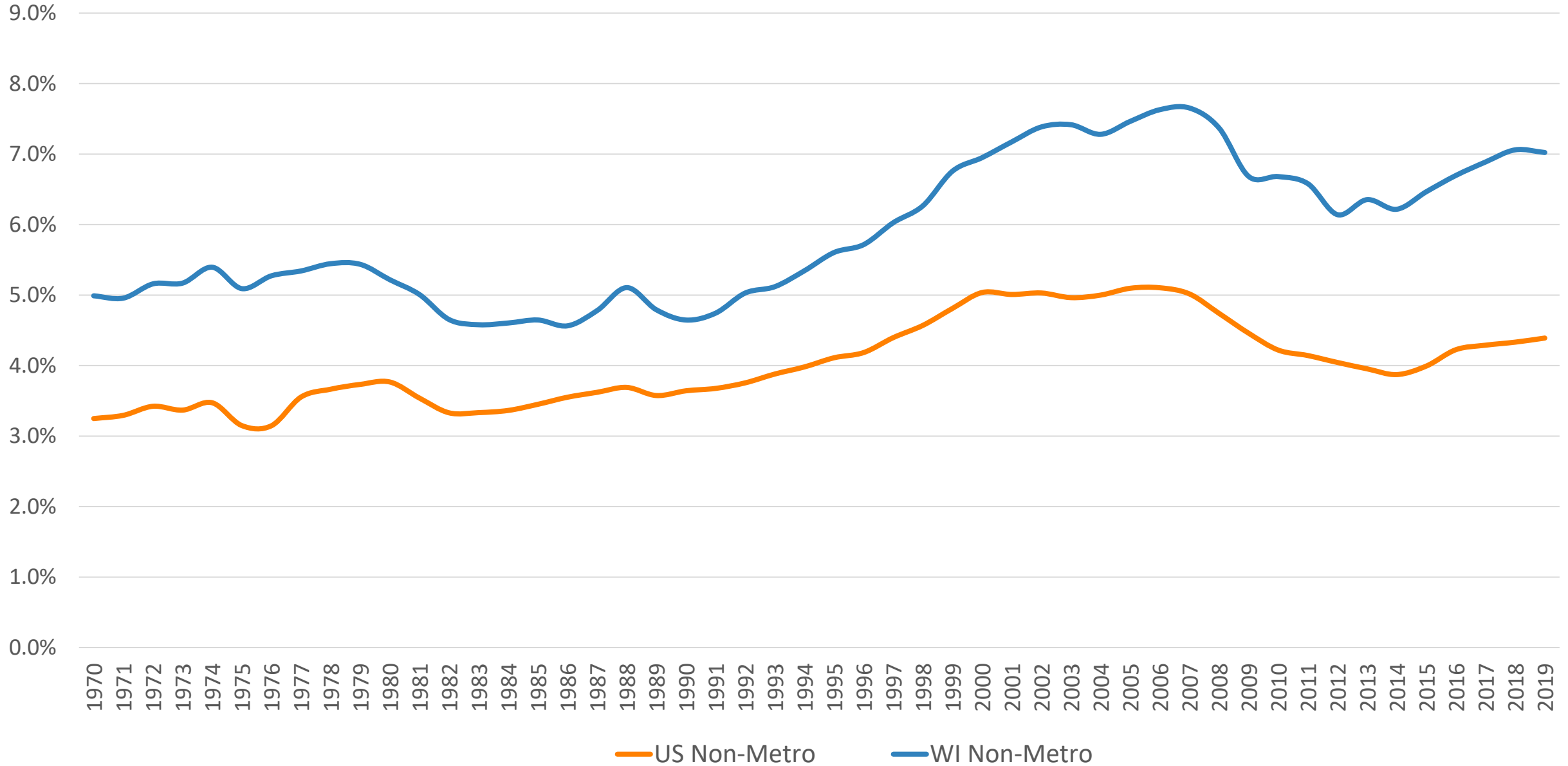


Share of County Residents who are Employed



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Share of Personal Income Attributed to Residents Working in Another County (Residence Adjustment)



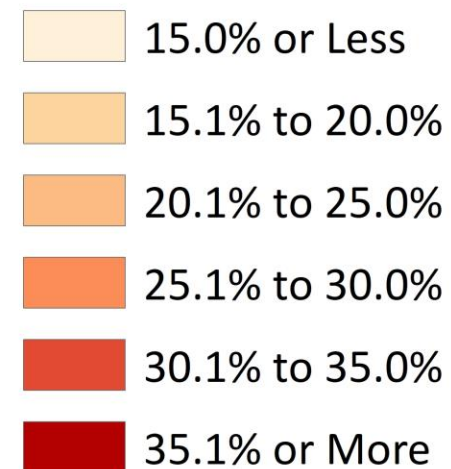
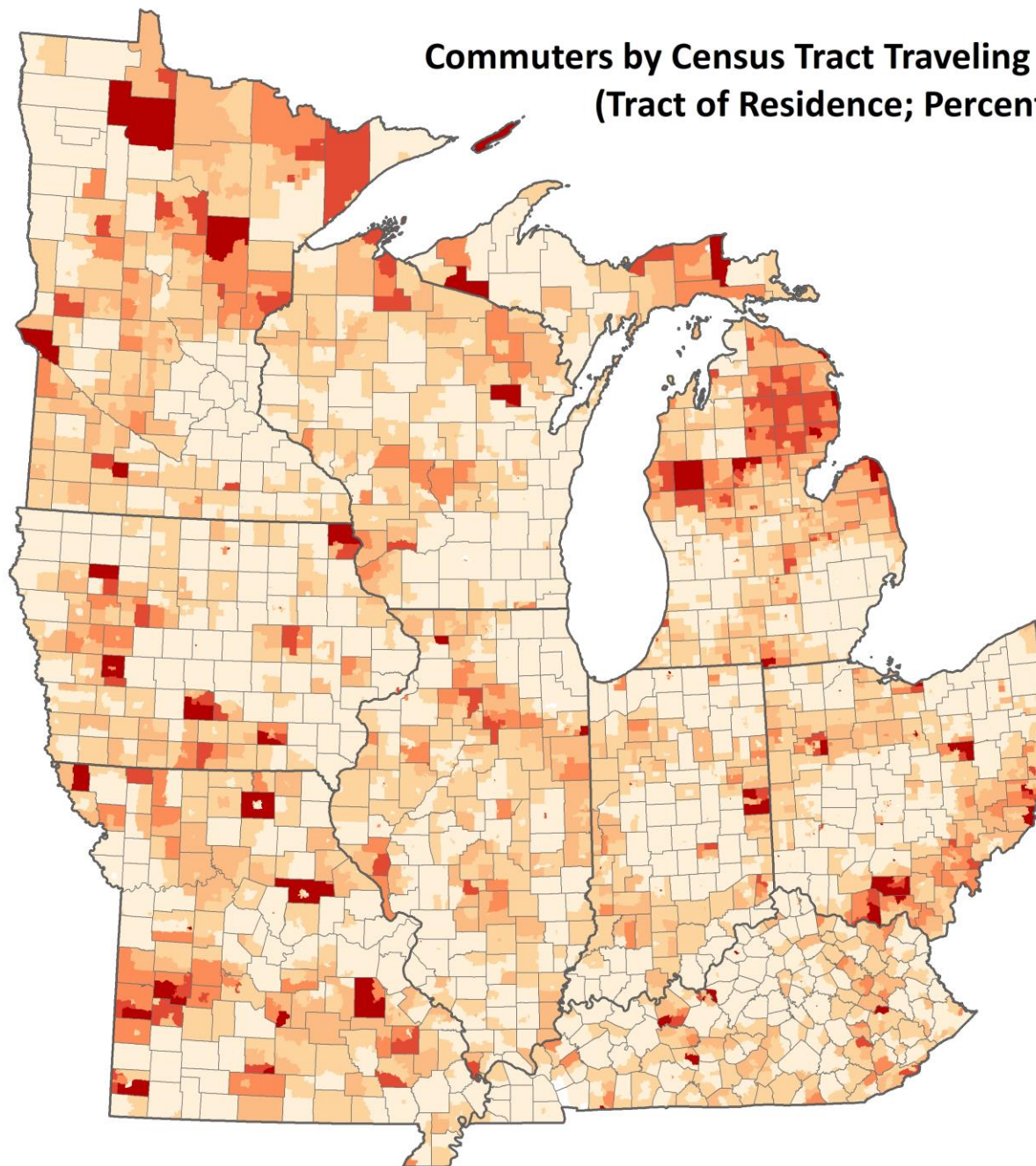
Contributing Factors of Joint Residential-Job Location Choices

Commuters are assumed to jointly select their residential locations and workplaces in a manner that maximizes the positive benefits to his or her household.

- Commuting Times
- Wage Differentials
- Housing Costs
- Housing Characteristics
- Demographics
- Quality of Life (Schools, Amenities, etc.)
- Trip Chaining Opportunities
- Dual Employment

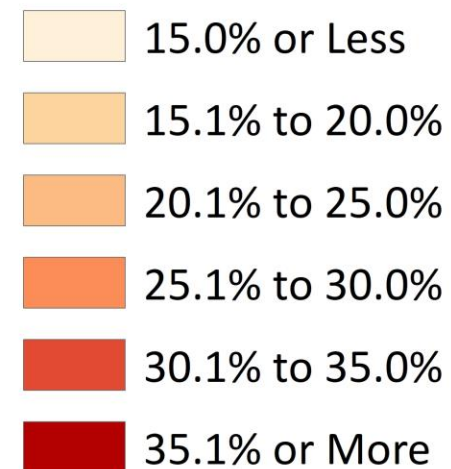
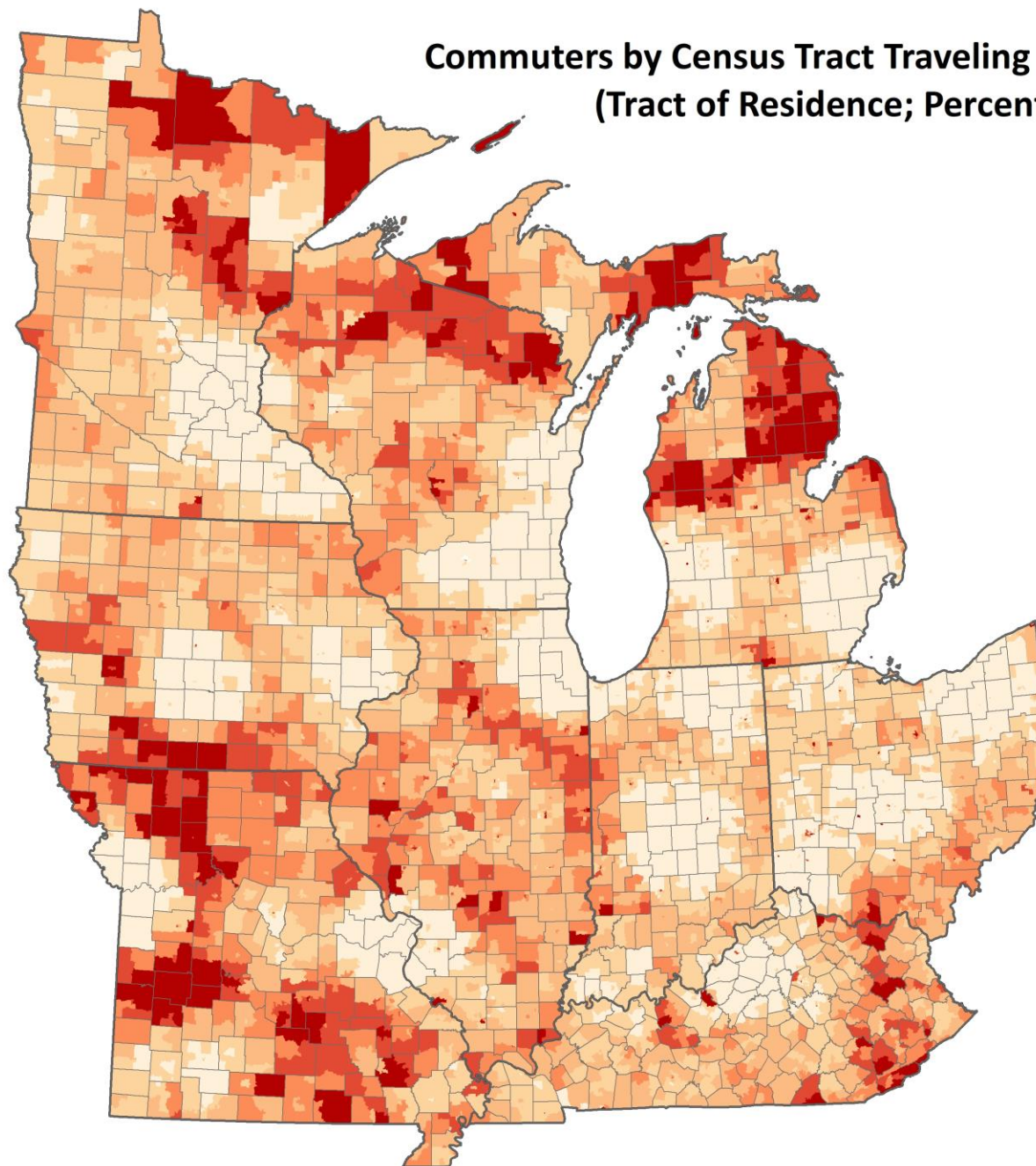
Households often base joint residential-job location choices on readily available information (quality of school district, housing prices, amenities, etc.) However, households frequently *underweight* characteristics such as commuting times and costs (financial, social, etc.);

Commuters by Census Tract Traveling More than 50 Miles - 2002 (Tract of Residence; Percent of All Workers)



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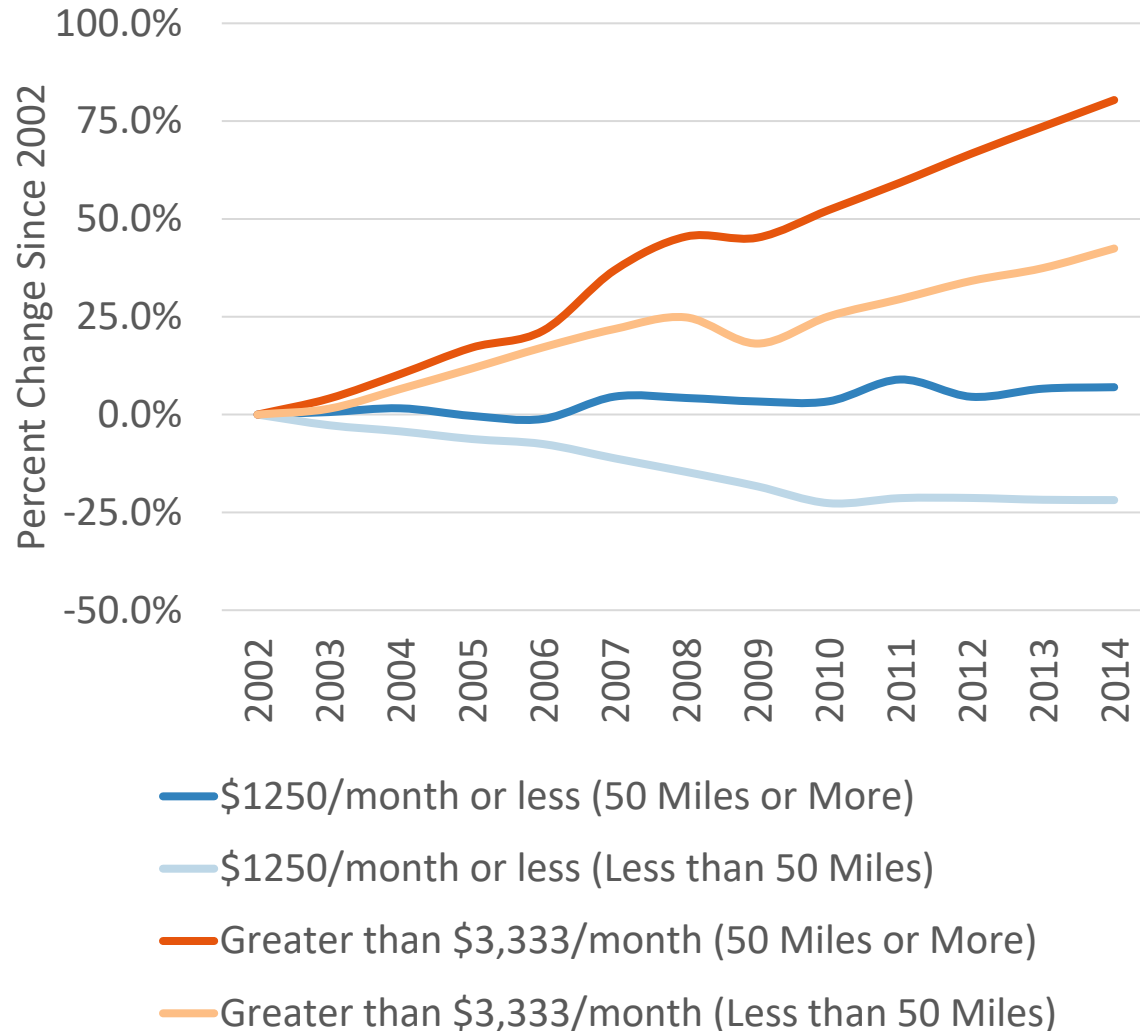
Commuters by Census Tract Traveling More than 50 Miles - 2018 (Tract of Residence; Percent of All Workers)



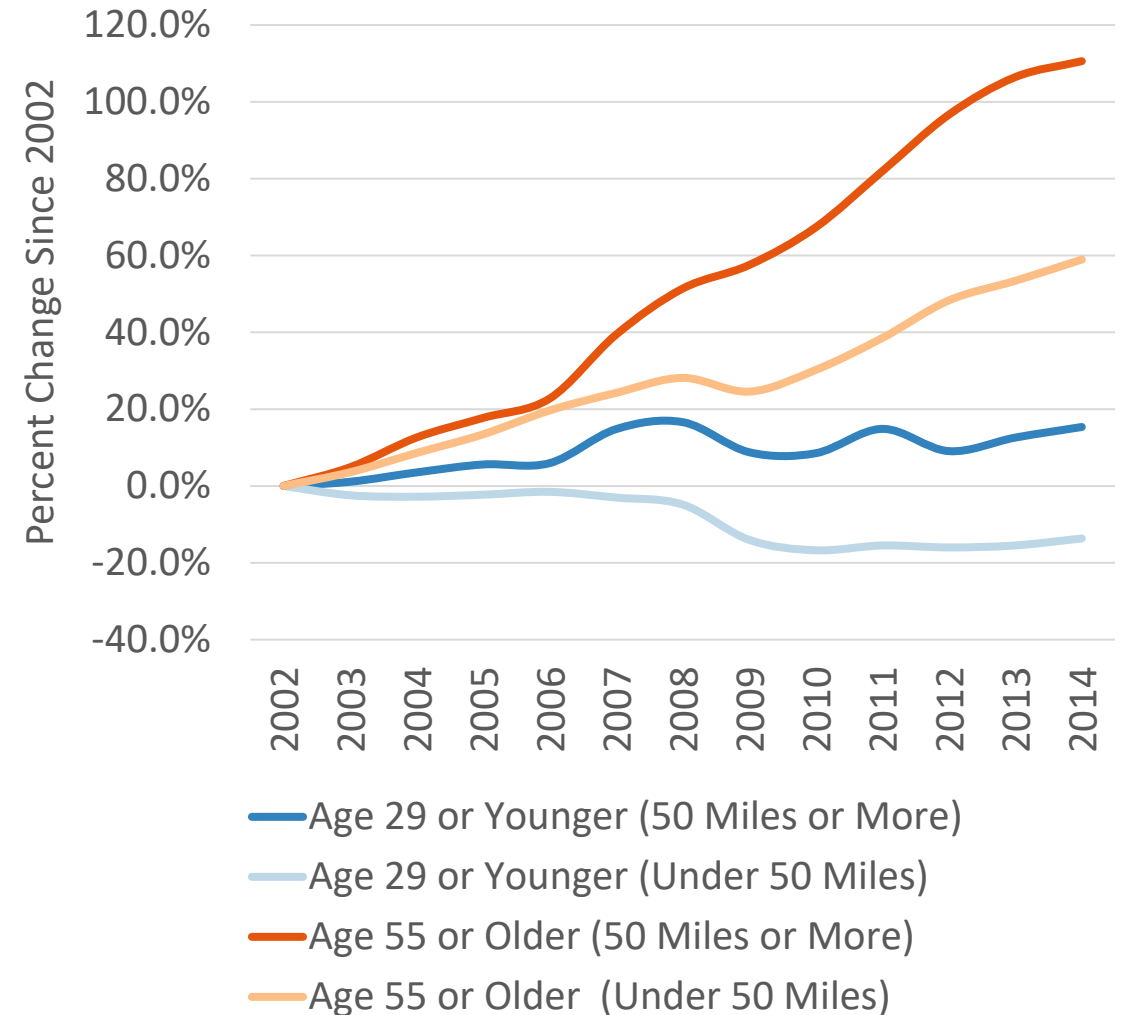
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Change in Long Distance Commuters by Earnings and Age Group

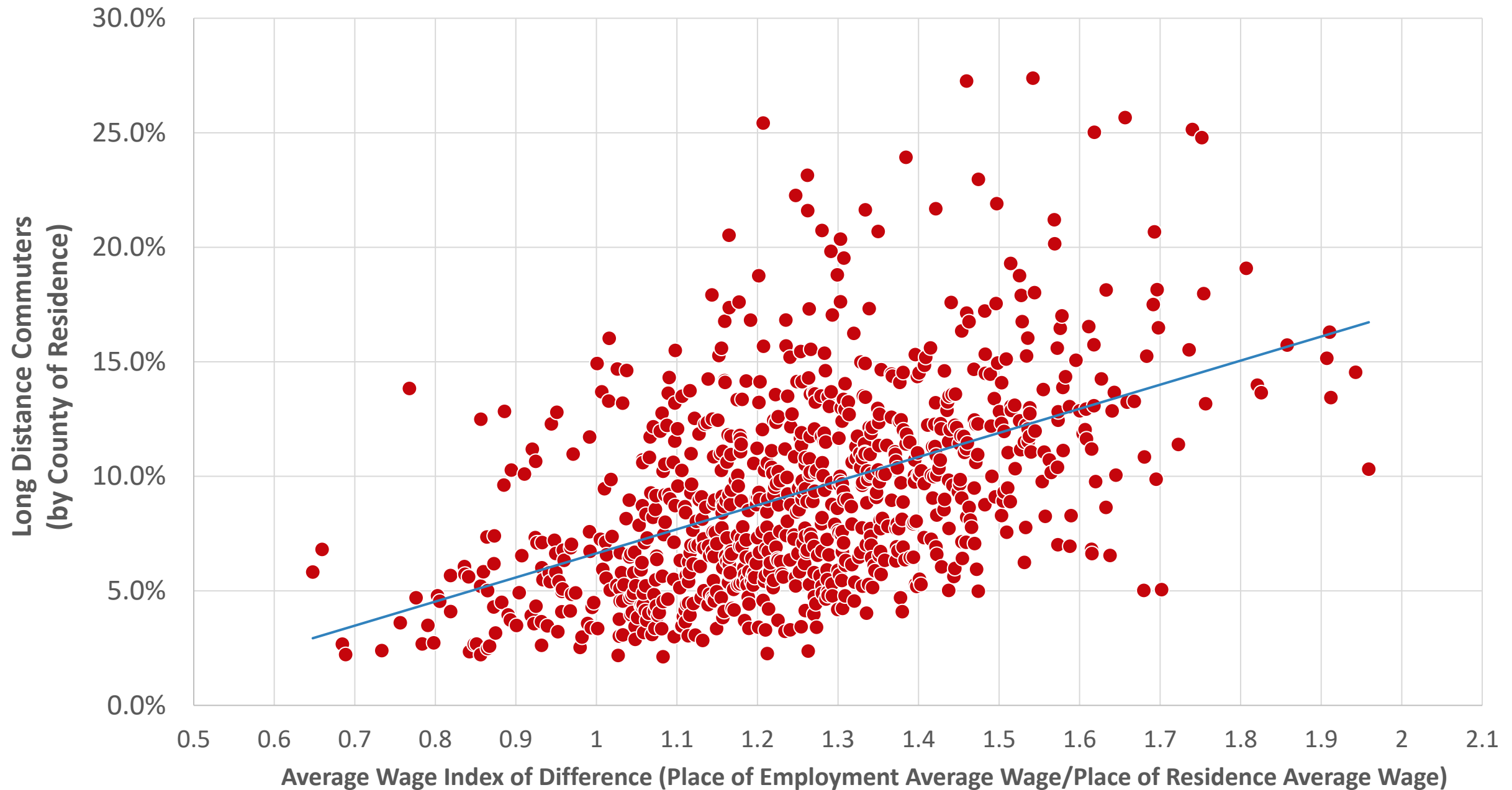
Percent Change in Workers by Earnings Since 2002 - 50 Miles or more and Under 50 Miles



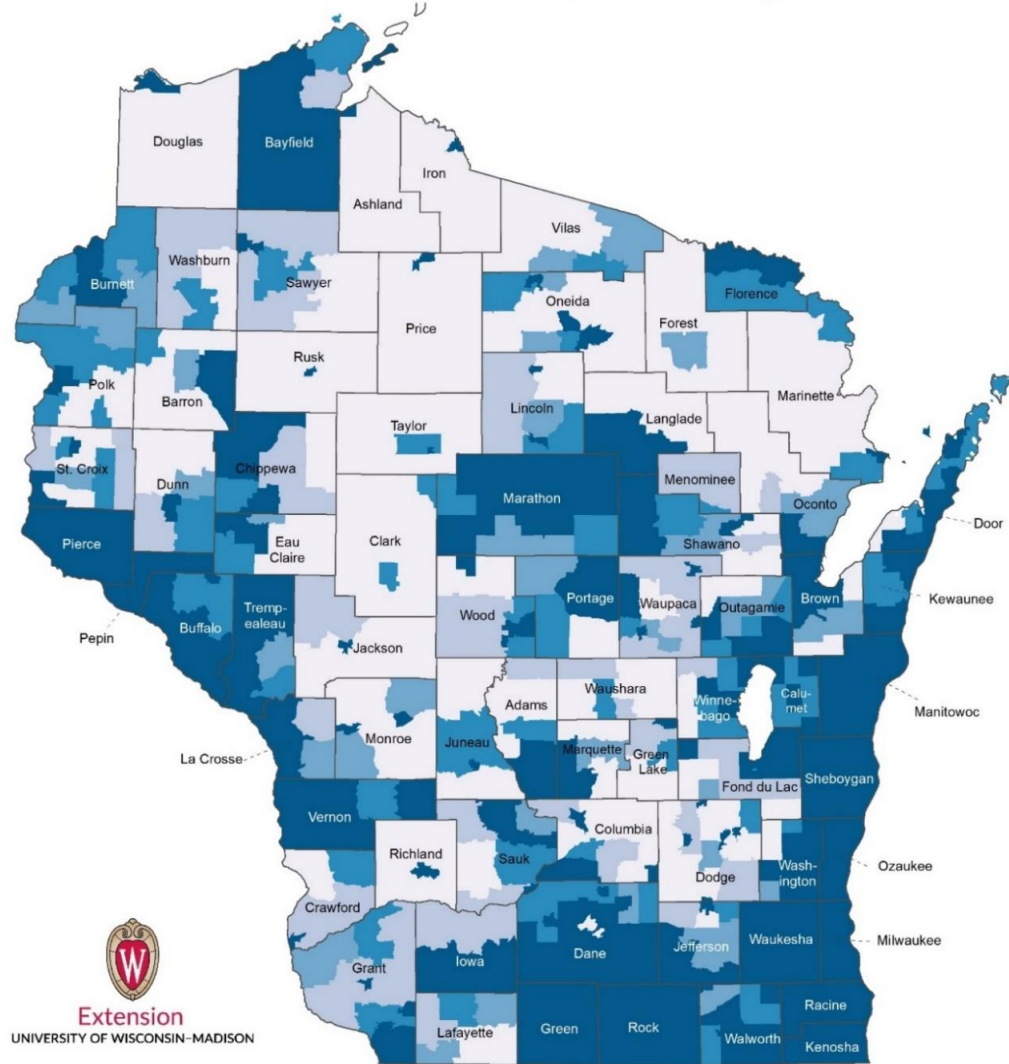
Percent Change in Workers by Age Group Since 2002 – 50 Miles or more and Under 50 Miles



County Share of Long Distance Commuters vs. Index of Difference for Average Wages



Share of Population with Access to Broadband (25/3 Mbps) June 2019 FCC Form 477 Data, Not Including Satellite

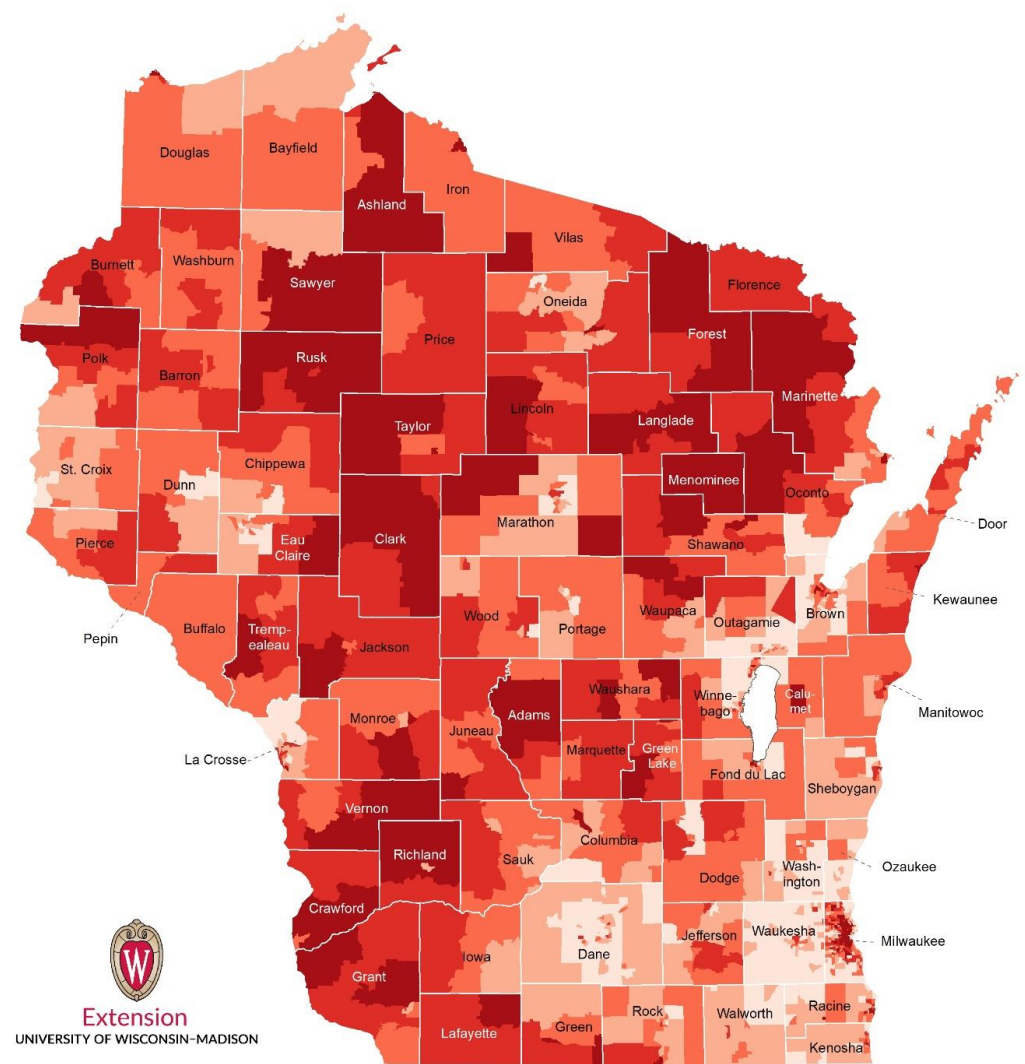


Census Tract Share of Population with Access to Broadband (25/3 Mbps)



Data Source: Federal Communications Commission Form 477. The data are aggregated from census block data where providers report whether they serve a given census block. There may be other addresses or locations within a given census block that do not have access. Upload and download speeds are based on advertised speeds, not necessarily actual speeds reported by users.

Share of Census Tract Households Without Internet Access (2014-2018 American Community Survey Estimates)



Share of Census Tract Households Without Internet Access



Data Source: U.S. Census Bureau 2014-2018 American Community Survey. "Internet access" refers to whether or not a household uses or connects to the Internet, regardless of speed or whether or not they pay for the service to do so. Data about Internet access was collected by asking if the respondent or any member of the household accessed the Internet.
* National Average and Wisconsin Average = 15.8%

Contact Information

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