



# Minnesota State Demographic Center

**PRESENTATION TO MN DOT, OFFICE OF CHIEF COUNSEL  
SUSAN BROWER, MN STATE DEMOGRAPHER  
AUGUST 2014**



## What is the role of the Minnesota State Demographic Center?

- Serve as a liaison to the Census Bureau and assist with the decennial census counts (every 10 years)
- Create population estimates and projections
- Analyze, interpret and distribute data from state, U.S. Census Bureau and other sources
- Offer data and technical assistance to legislators, all levels of government, organizations and citizens across the state
- Monitor trends and help MN to make data-informed decisions



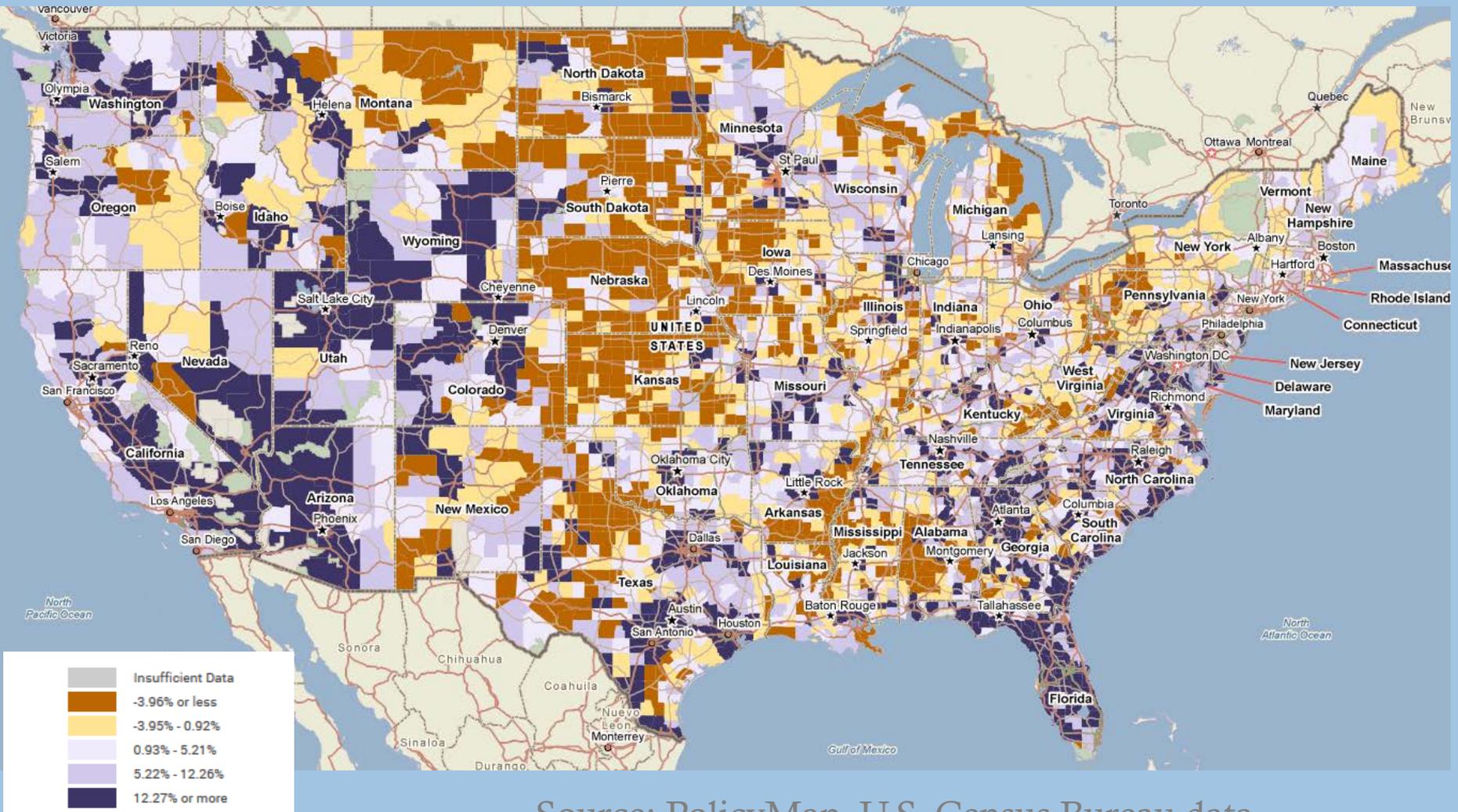
## Topics for today

- 3 demographic trends that will impact future transportation needs and \$s
- Your questions and insights

Trend #1  
Post-  
recession  
growth  
looks new  
and  
different

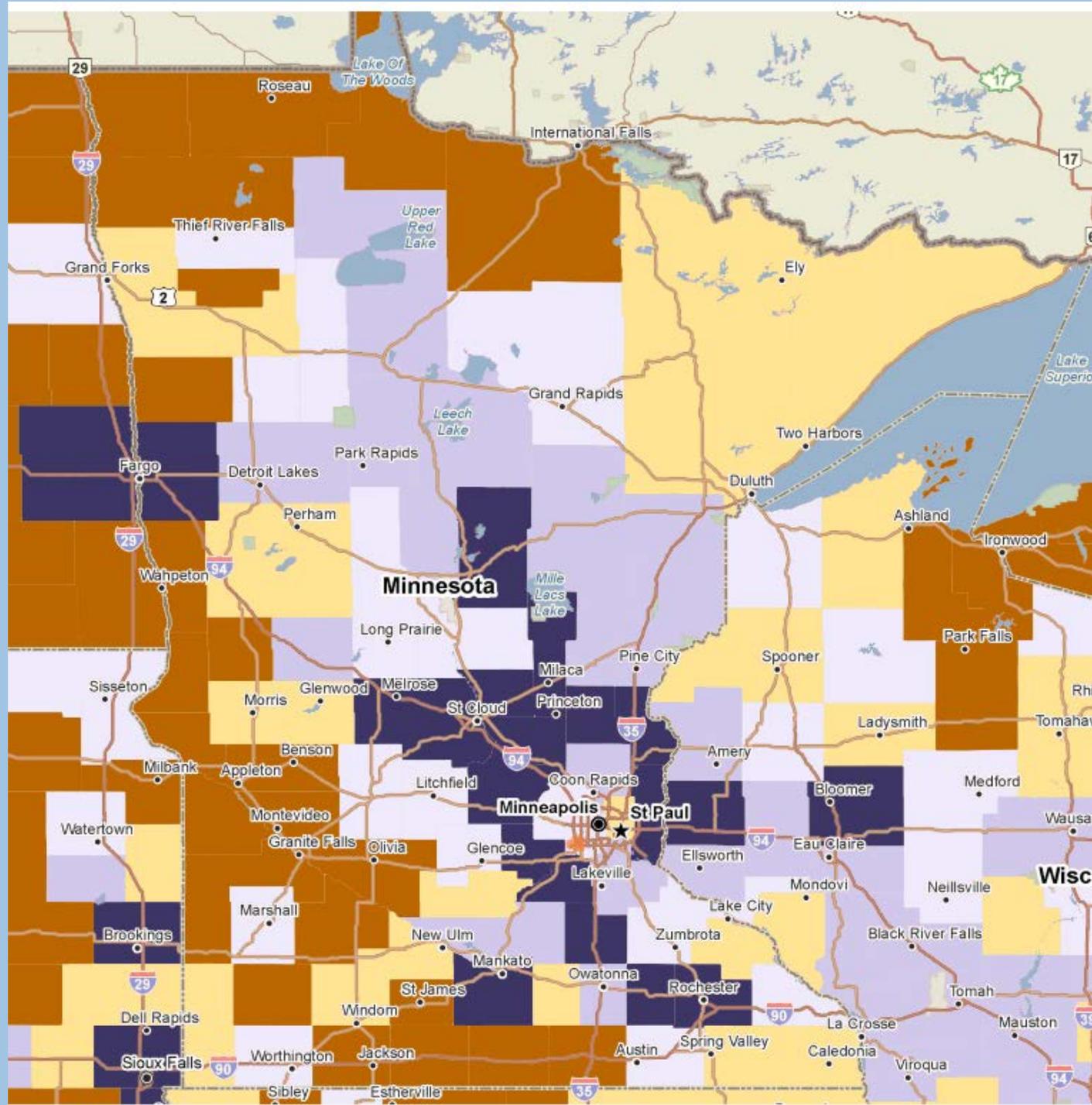
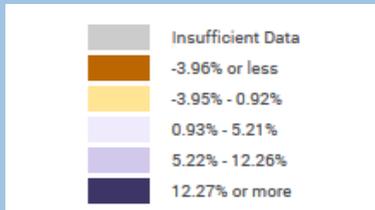


# Full range of growth rates across the state 2000-2010



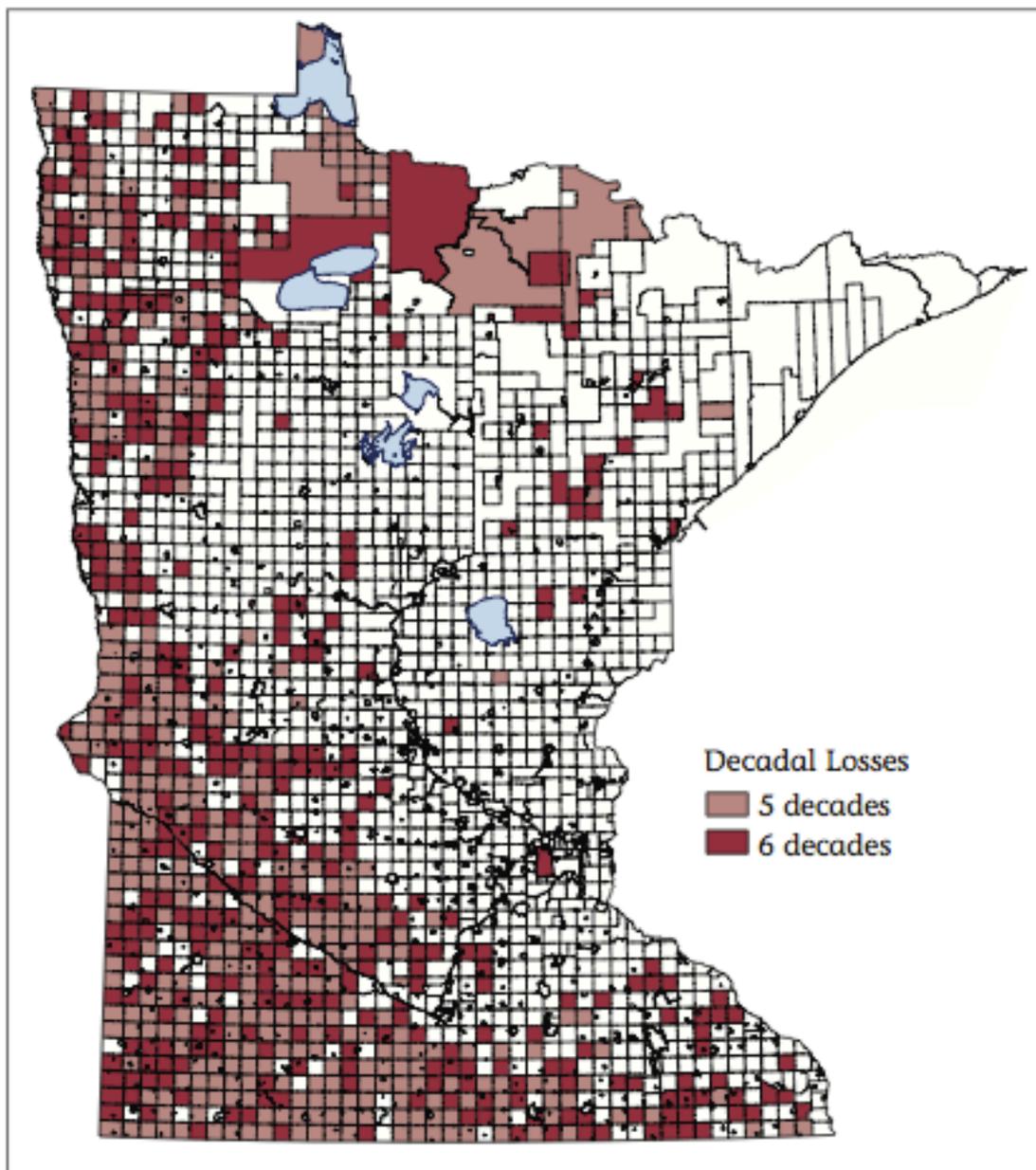
Source: PolicyMap, U.S. Census Bureau data

# Exurban growth in the 2000s



Source: PolicyMap,  
U.S. Census Bureau  
data

Figure 3. Minnesota: County Subdivisions that Lost Population for 5 or 6 of the Decades between 1950 and 2010



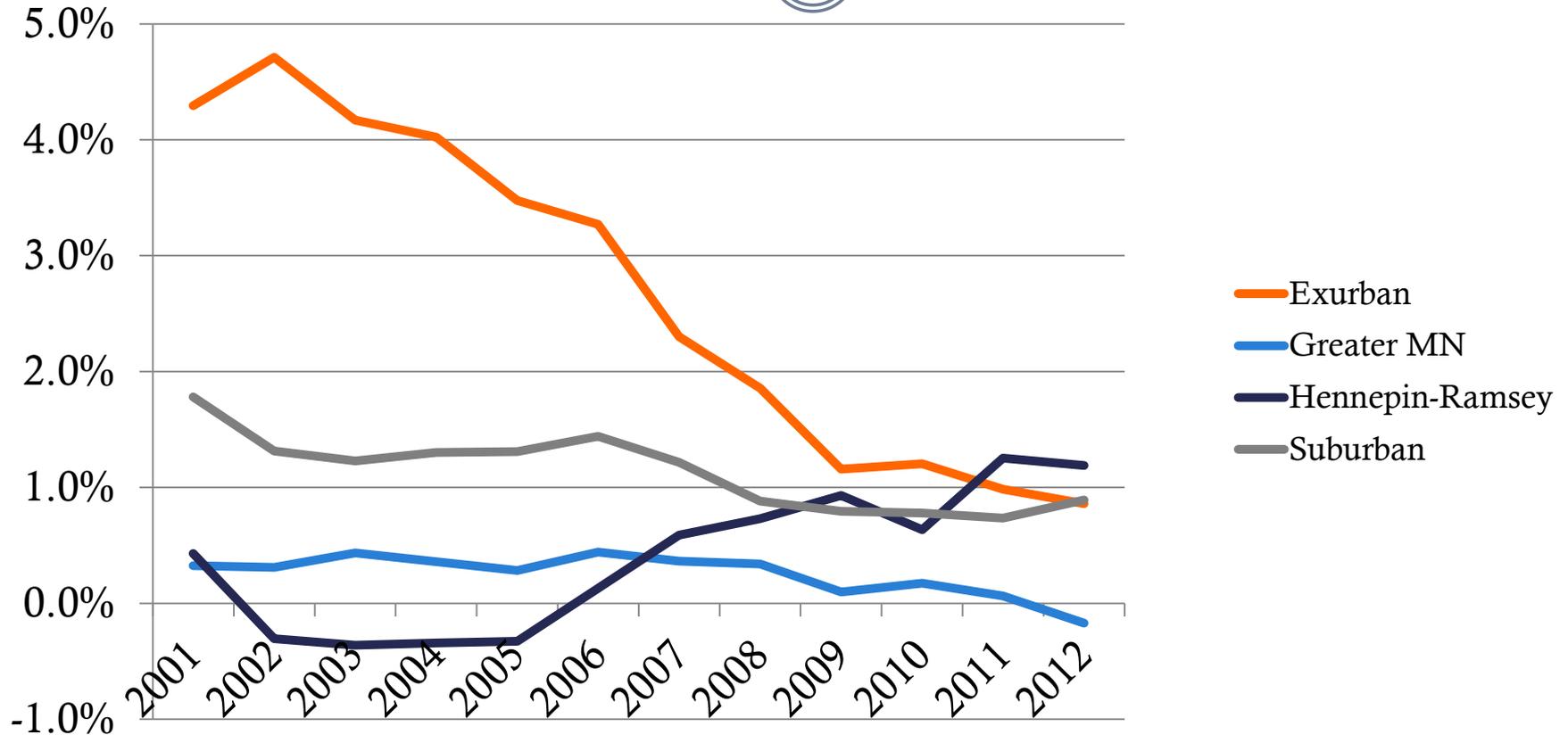
Note: Population based on decennial census data. Results for some locations had to be inferred because of boundary changes.

Population loss along western edge of state, down into Southwestern prairies has been long-standing

Source: CURA Reporter, Winter/Spring 2014

U.S. Census Bureau data

# Population growth rates have converged over the last decade

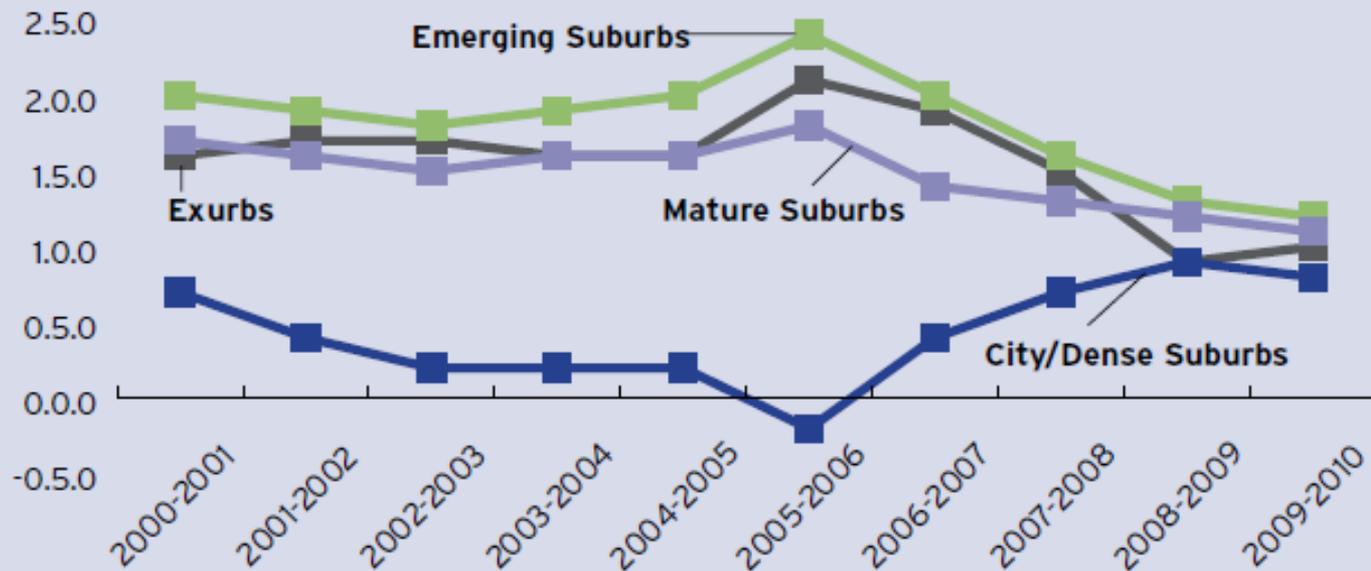


Source: U.S. Census Bureau

# Growth rates are converging nationally too



**Figure 5. Annual Growth Rate by County Urbanization, Large Metro Areas, 2000-2010**





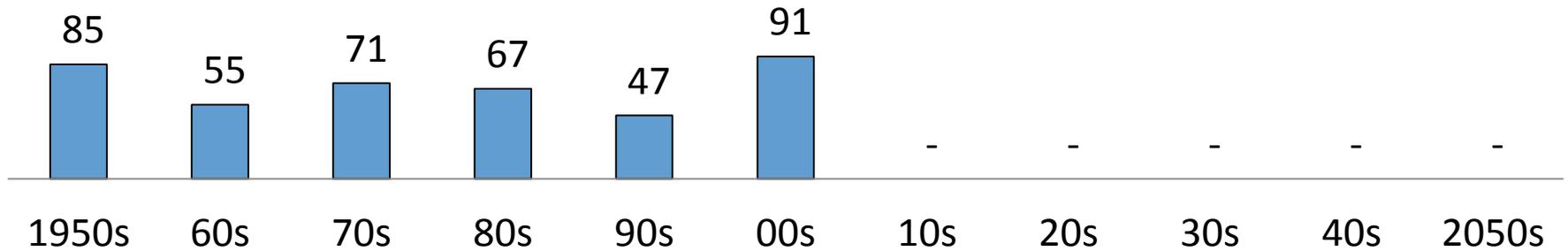
**Trend #2:  
Population  
aging is  
beginning to  
affect MN  
and the  
nation**



# Number of older adults will increase substantially over the next 20 years

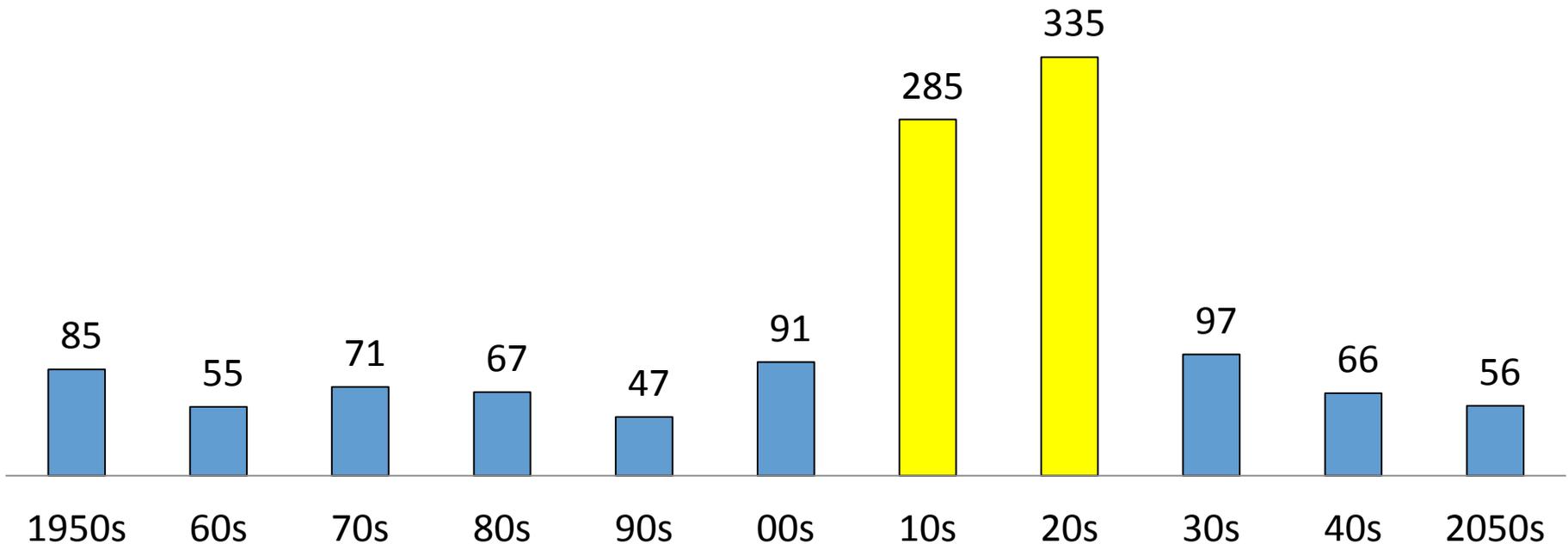


**Change in older adults, age 65+ (Thousands)**



# Number of older adults will increase substantially over the next 20 years

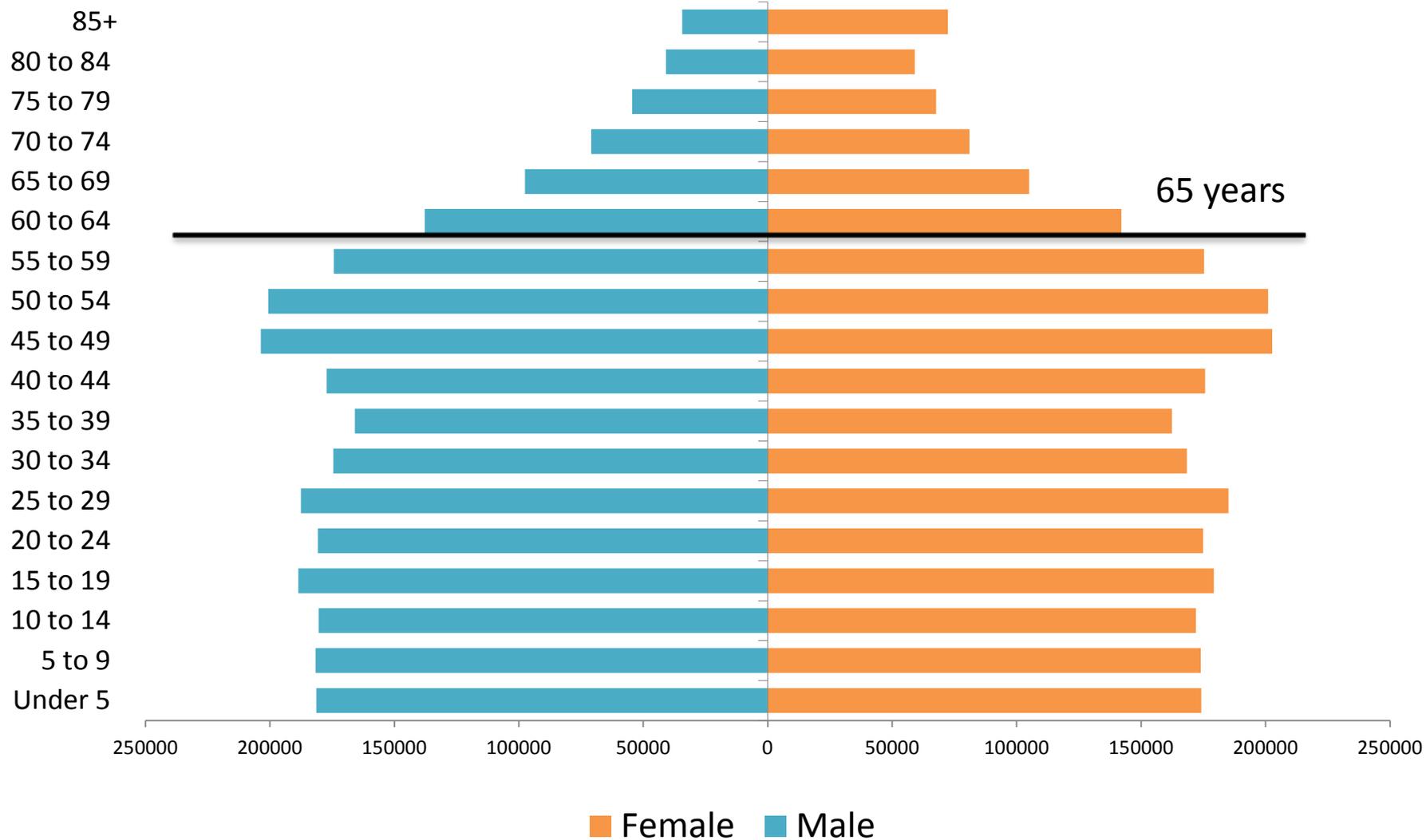
**Change in older adults, age 65+ (Thousands)**



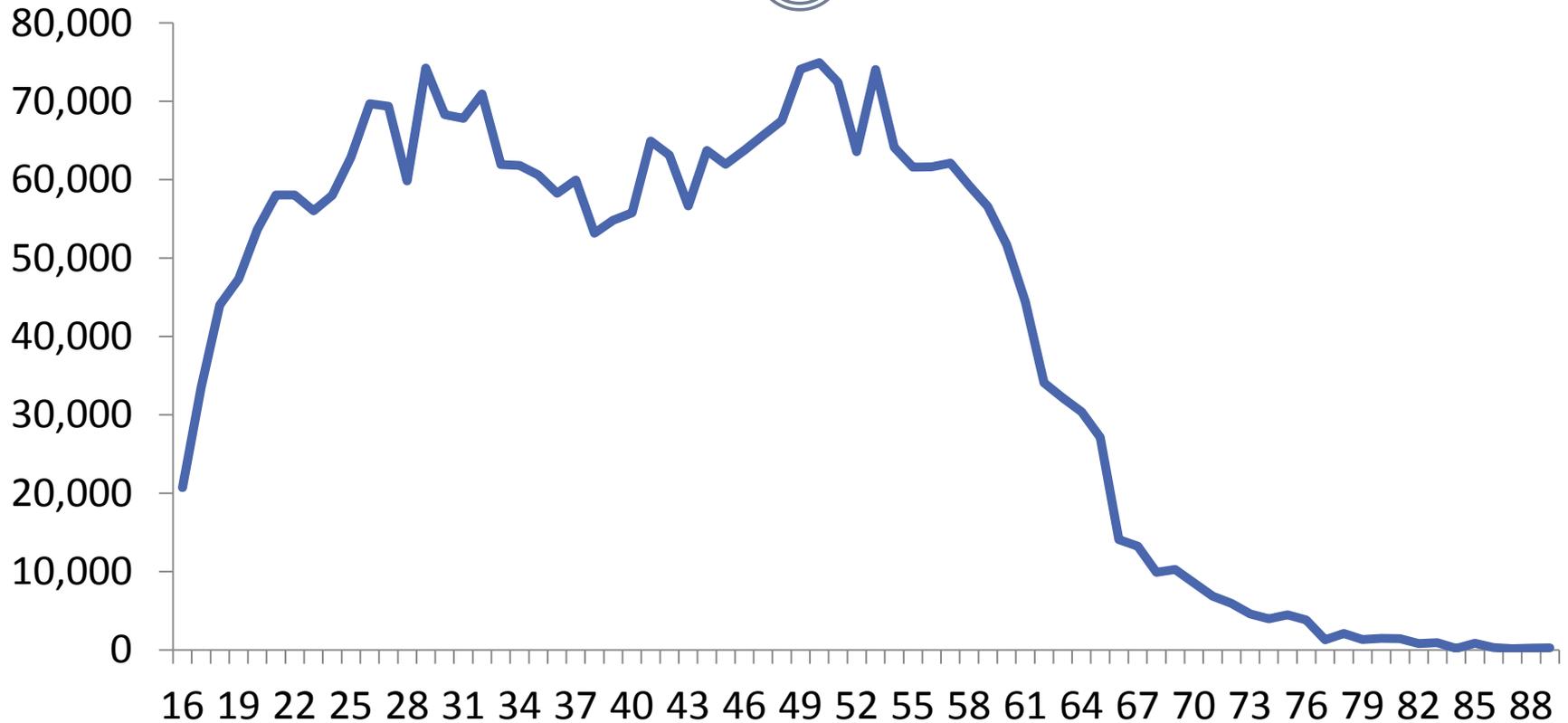
Sources: U.S. Census Bureau and Minnesota State Demographic Center

# Population by age and sex

## Minnesota, 2012



# Number of people in the labor force by age Minnesota, 2012

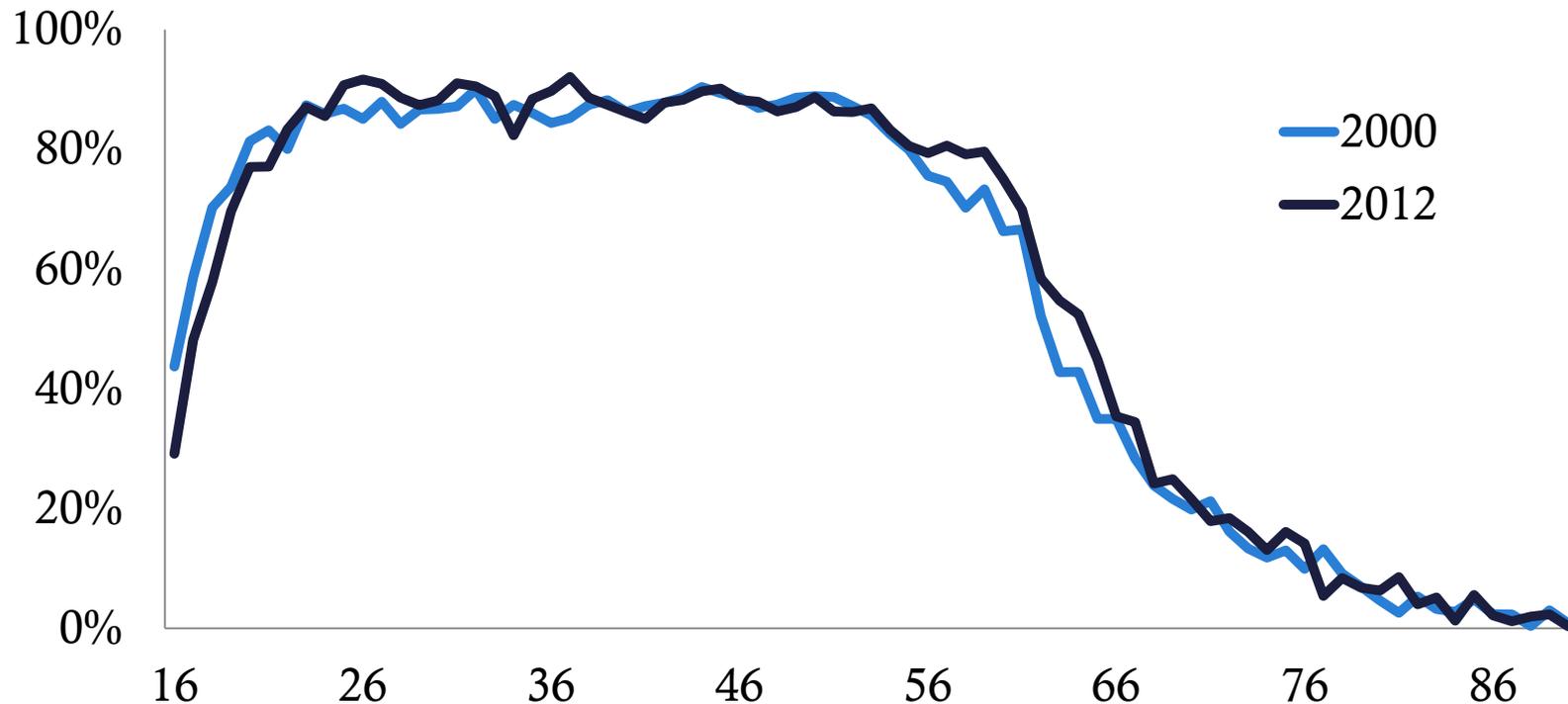


Source: Tabulated by the MN State Demographic Center with the Integrated Public Use Microdata Series

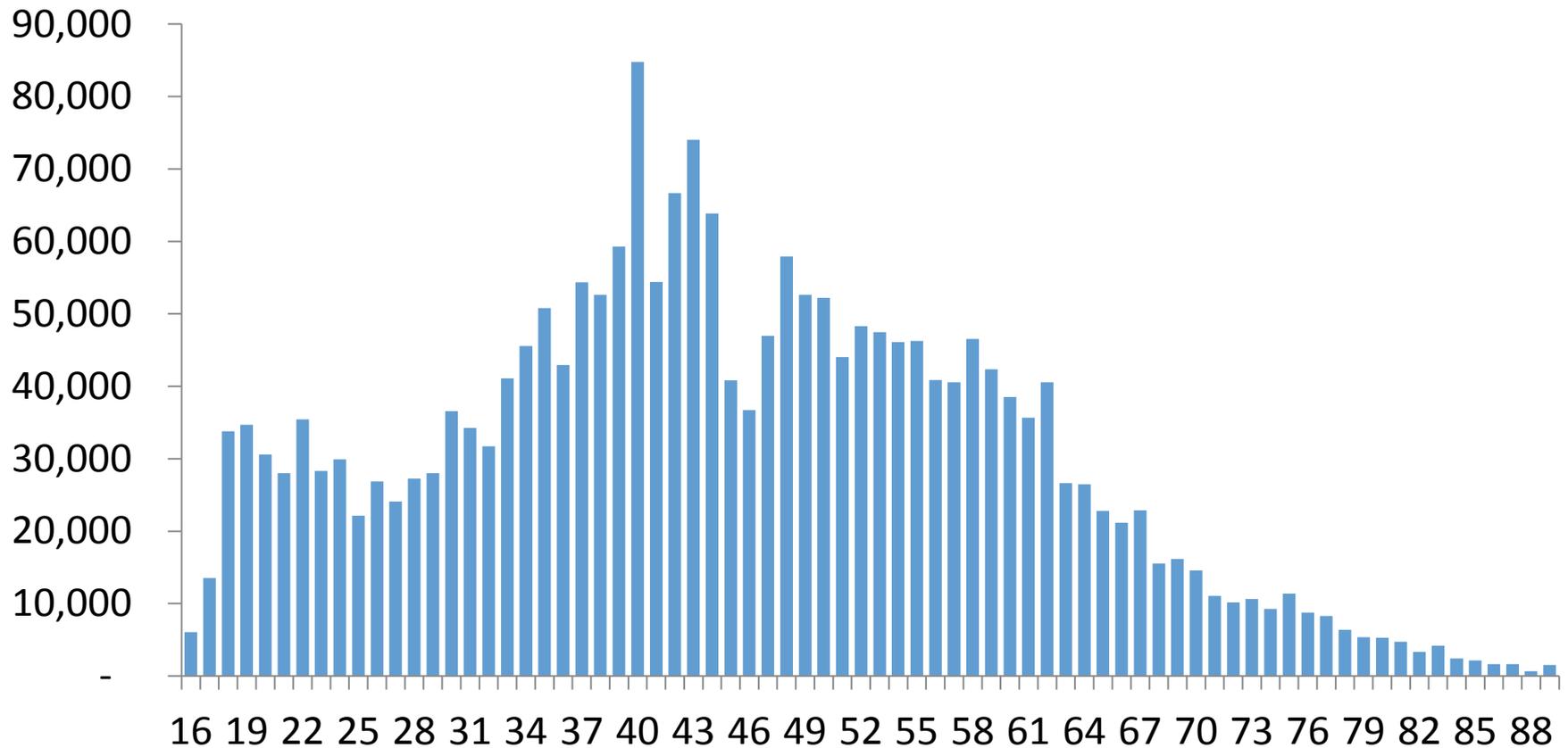
# Since the recession, slightly higher labor force participation of older adults



Rates of labor force participation  
MN, 2000 and 2012



# Daily Vehicle Miles of Travel by Age, Annualized (Millions), United States

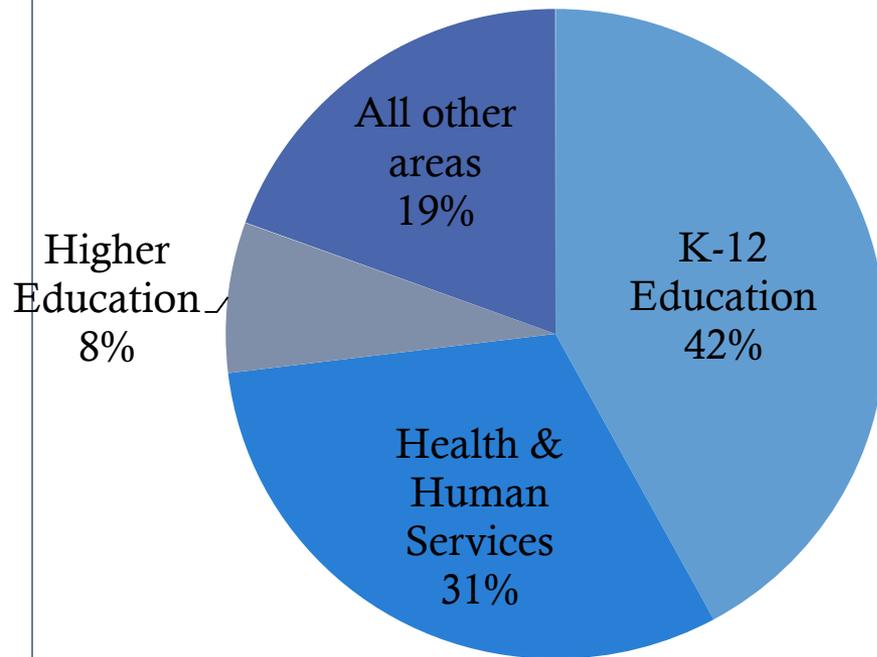


Source: 2009 National Household Transportation Survey

# Increasingly our demographics will change the demand for services

## General Fund Expenditures FY 2012-2013

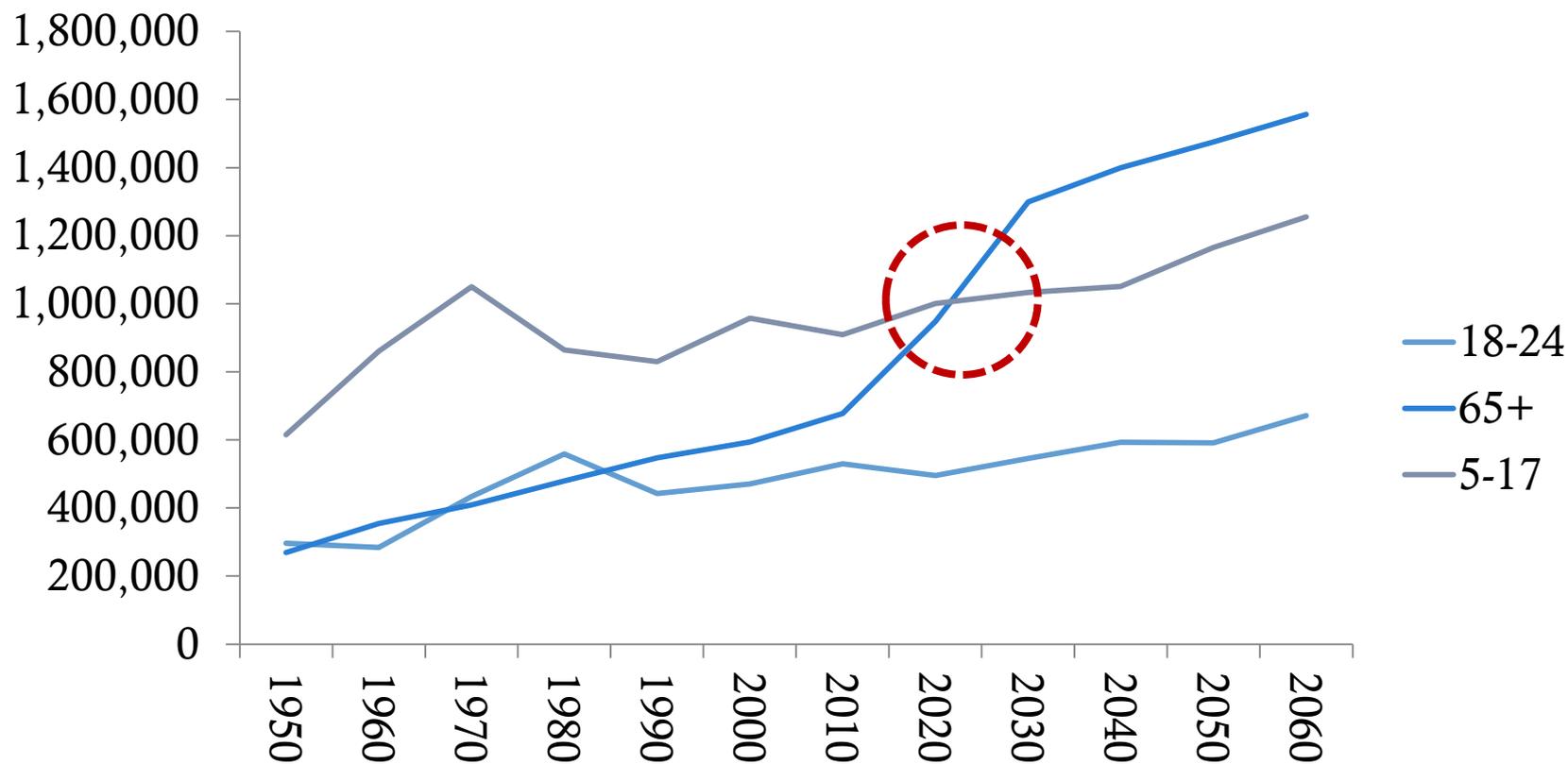
## Within Health & Human Services



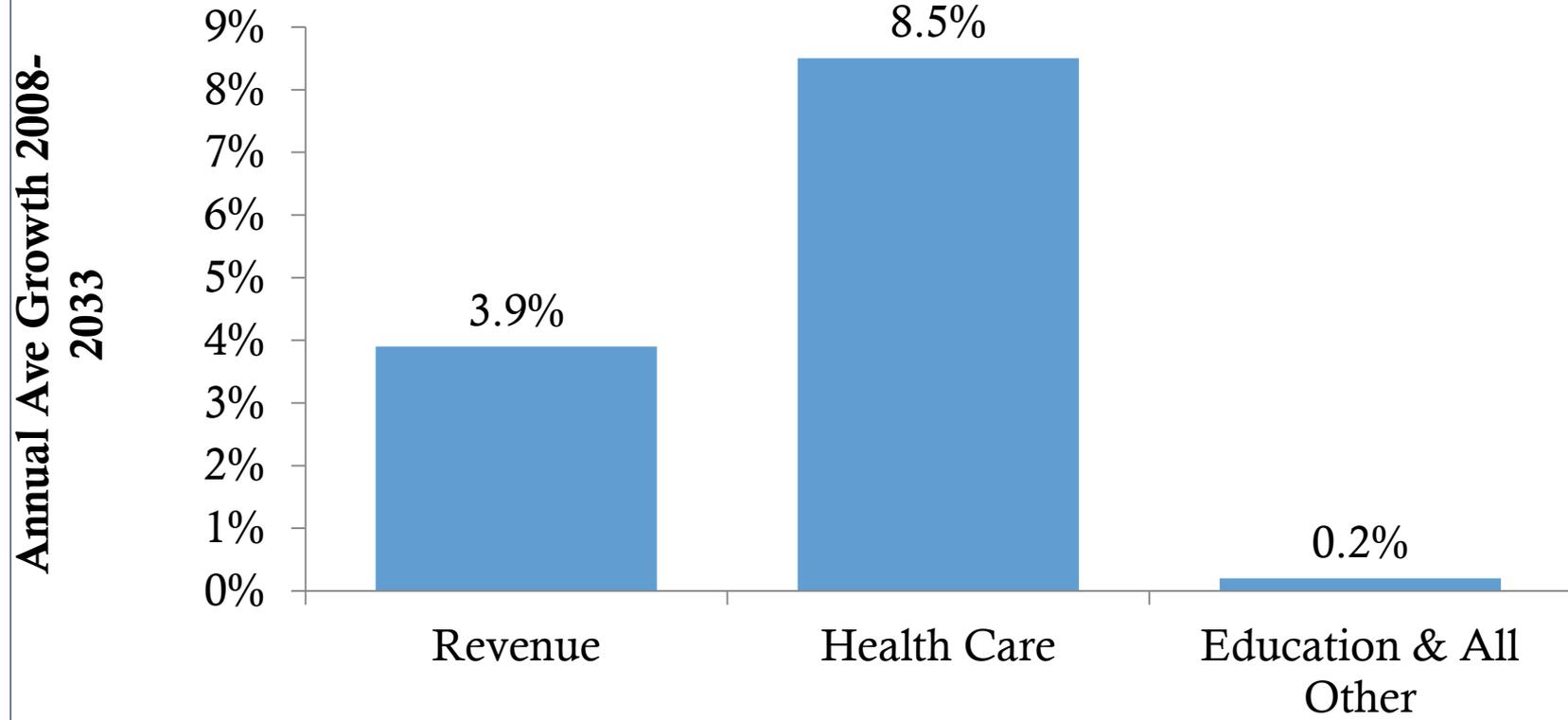
- Medical Assistance Expenditures: 25% of GF spending (8.5 billion)
- Medical Assistance Expenditures for the Elderly and Disabled: 16% of GF spending (5.5 billion)
- MA expenditures include basic care, long-term care waivers and long-term institutional care

Sources: Minnesota Management and Budget, February 2013. House Research, Long-Term Care Services for the Elderly, November 2012

# For the first time in MN history: More 65+ than school-age by 2020



# From 2008: If State Health Care Costs Continue Their Current Trend, State Spending On Other Services Can't Grow

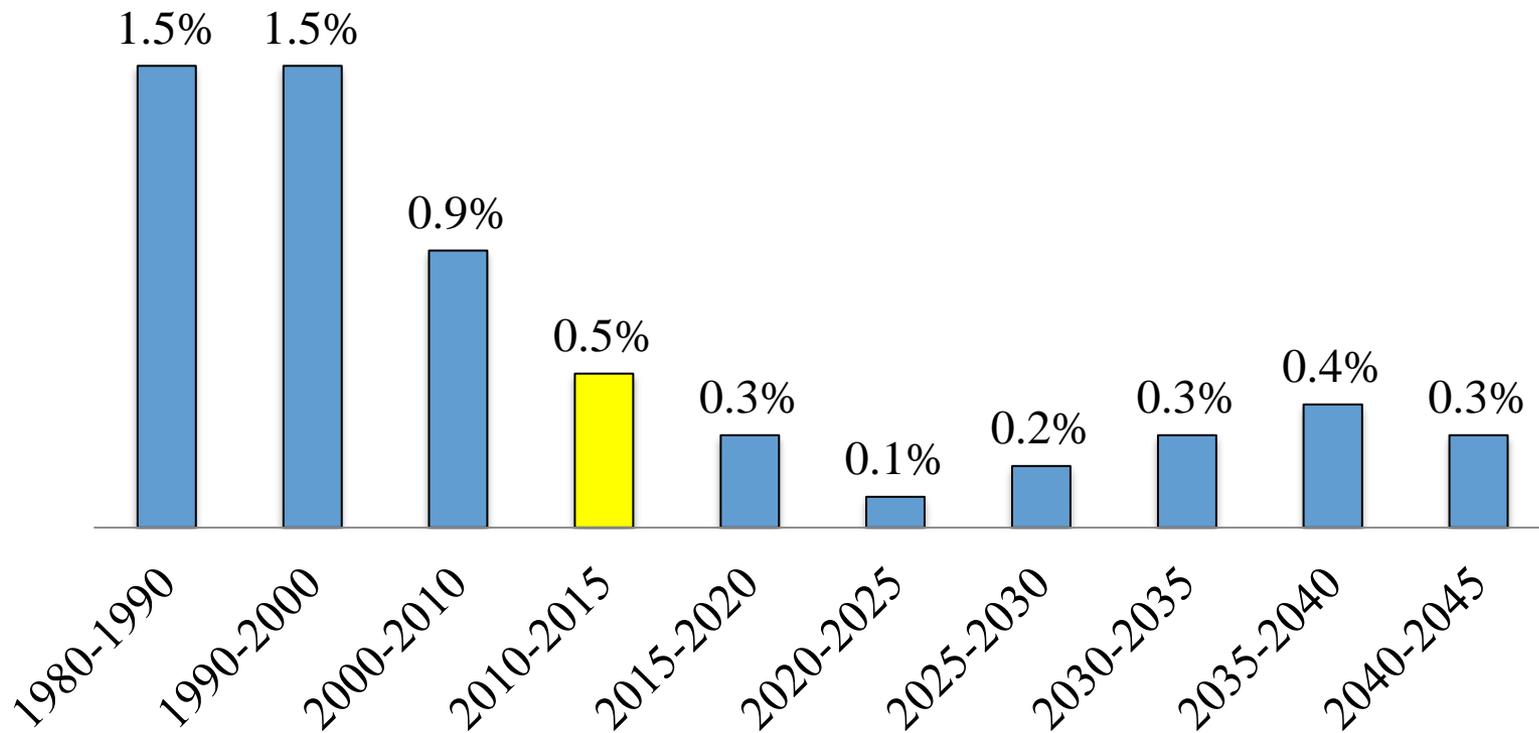


General Fund Spending Outlook, presentation to the Budget Trends Commission, August 2008, Dybdal, Reitan and Broat

# MN's labor force will continue to grow, but at a much slower rate



## Average annual labor force growth



Source: MN State Demographic Center projections



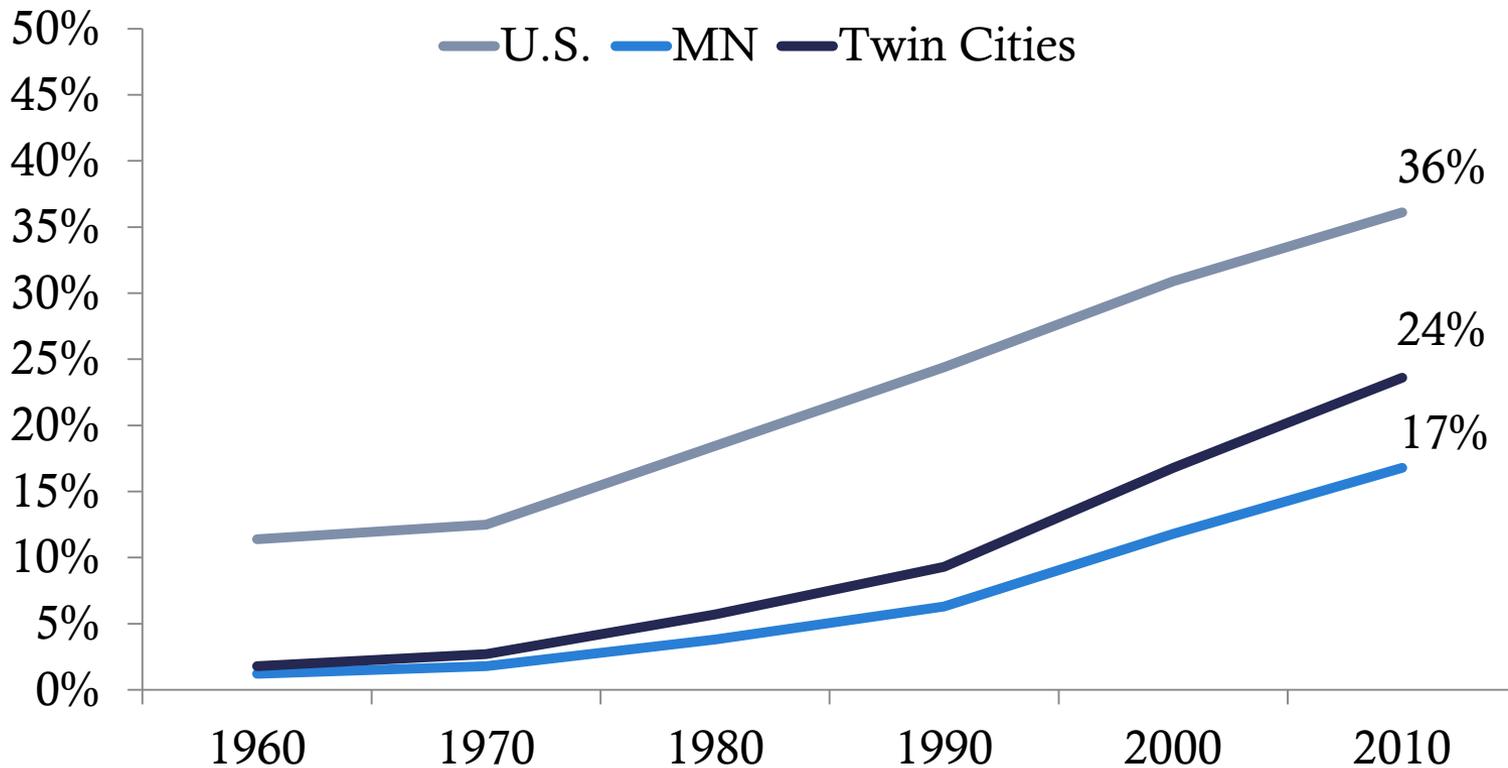
**Trend #3:  
Minnesota  
and the  
Twin  
Cities are  
becoming  
more  
diverse**



# 50 years of growing diversity in our region, state, nation

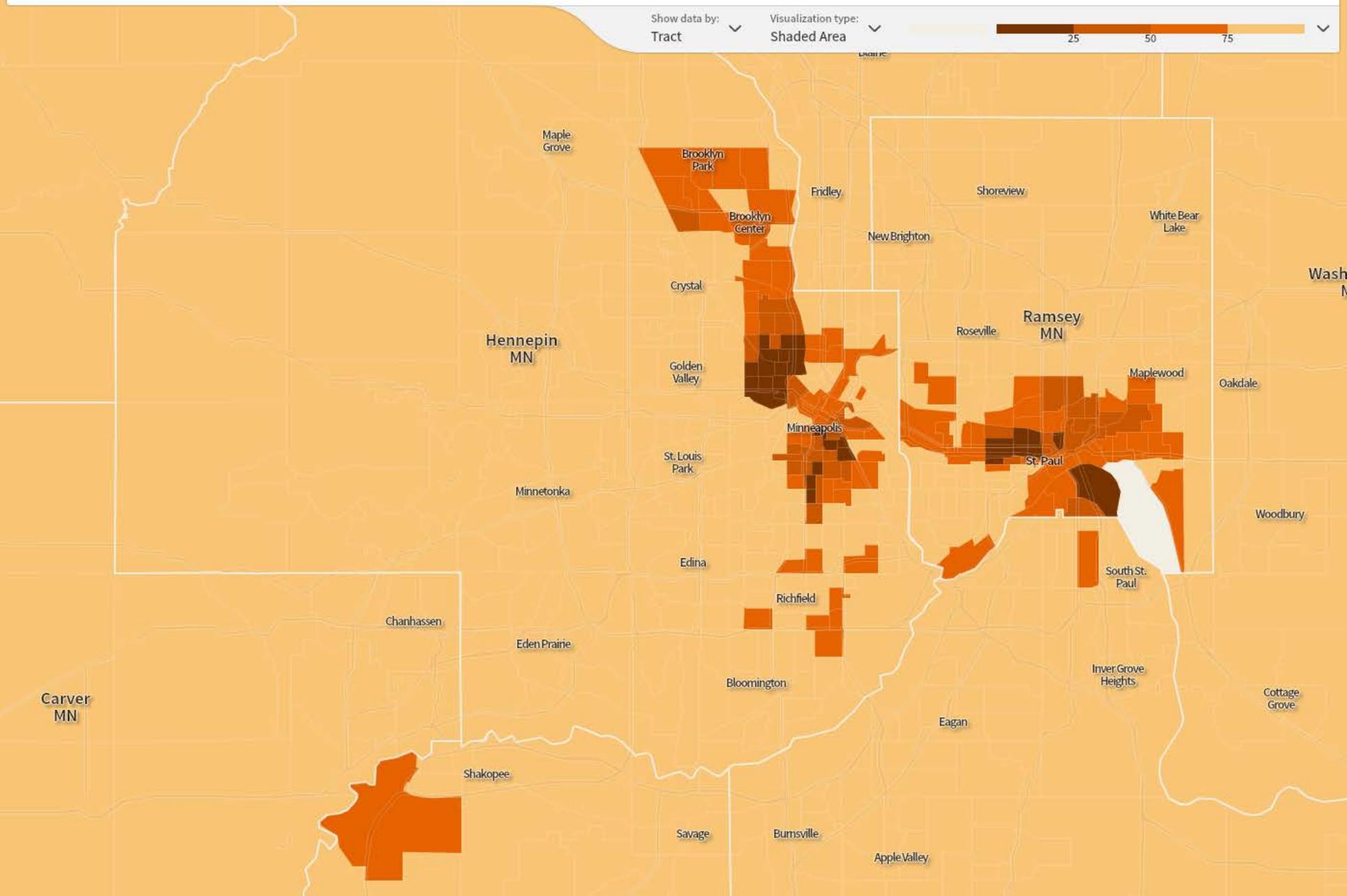


## Percent Of Color, 1960-2010

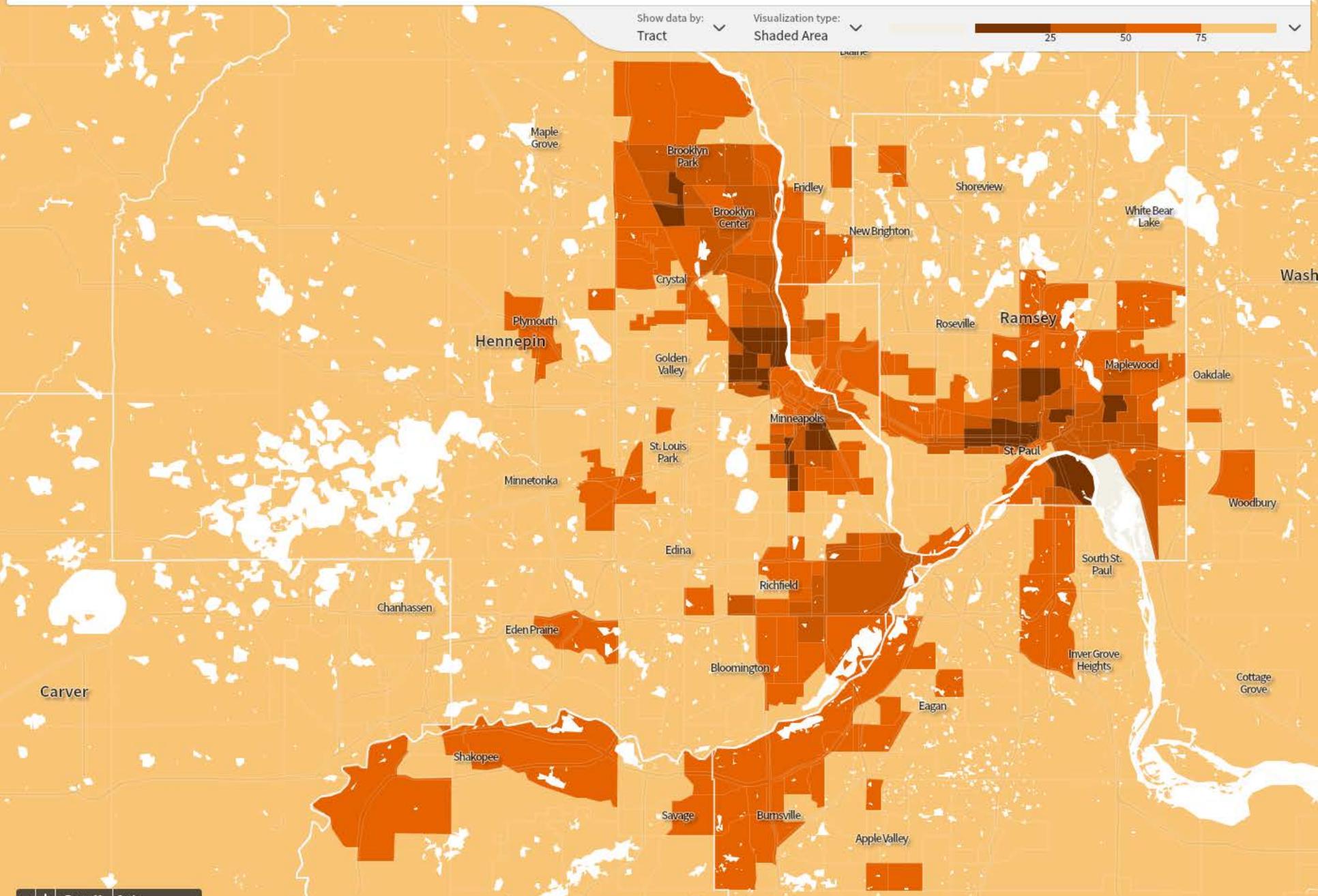


Show data by: **Tract** Visualization type: **Shaded Area**

25 50 75



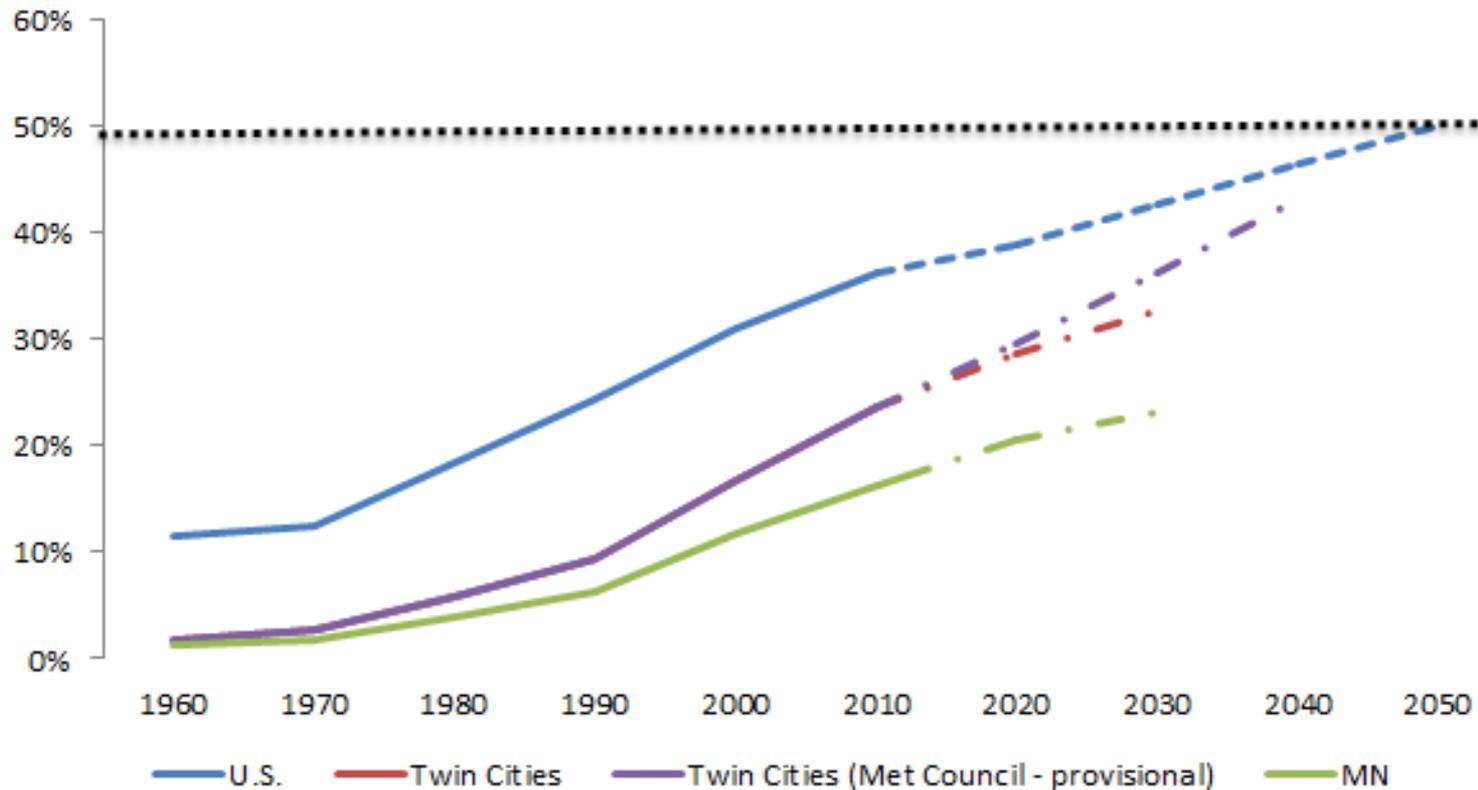
Show data by: Tract Visualization type: Shaded Area



# By mid-to-late century, the Twin Cities will not have a racial majority



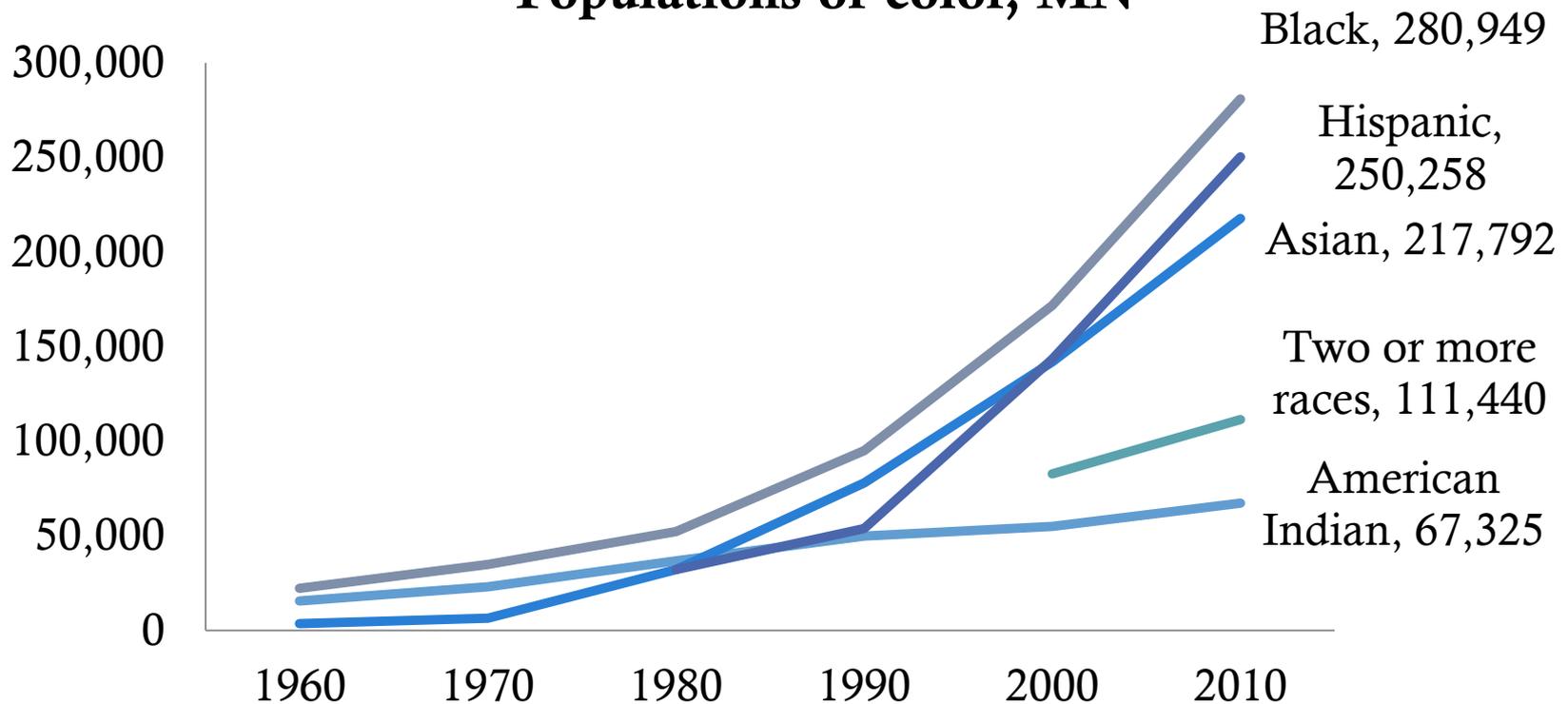
## Population of Color, 1960-2050



Source: U.S. Census Bureau, State Demographic Center, Met Council

# Black, Latino and Asian populations growing rapidly

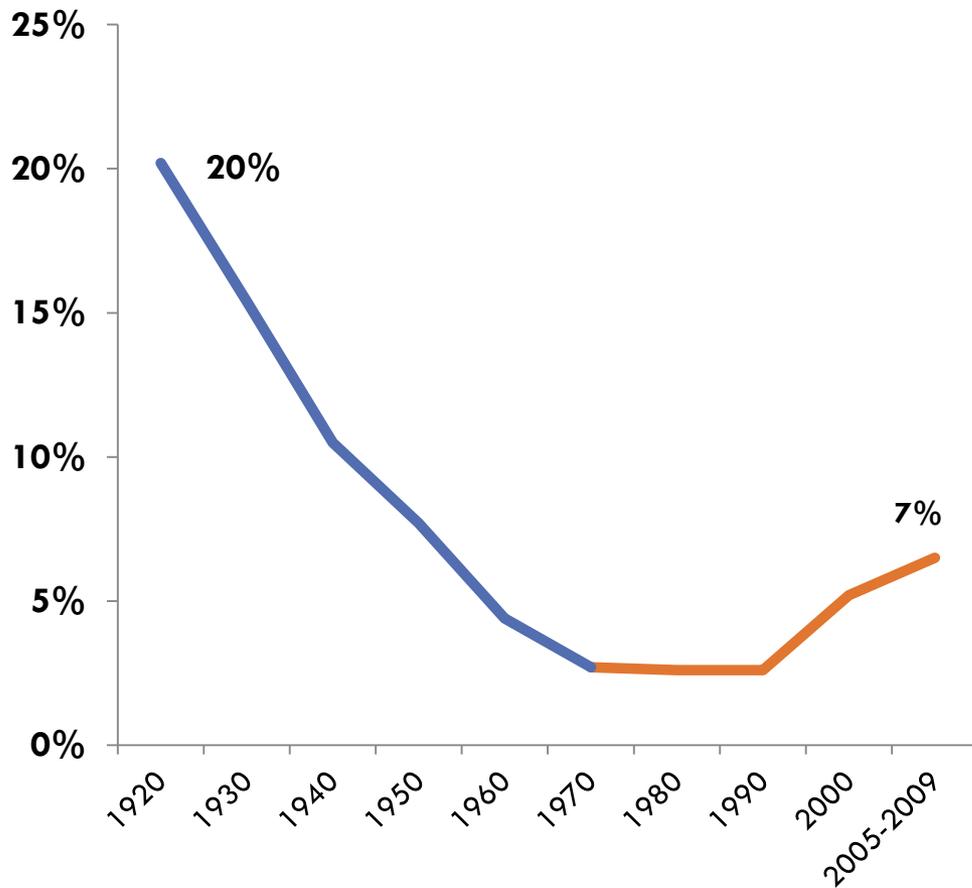
Populations of color, MN



Source: Tabulated by the Minnesota State Demographic Center from the Integrated Public Use Microdata Series

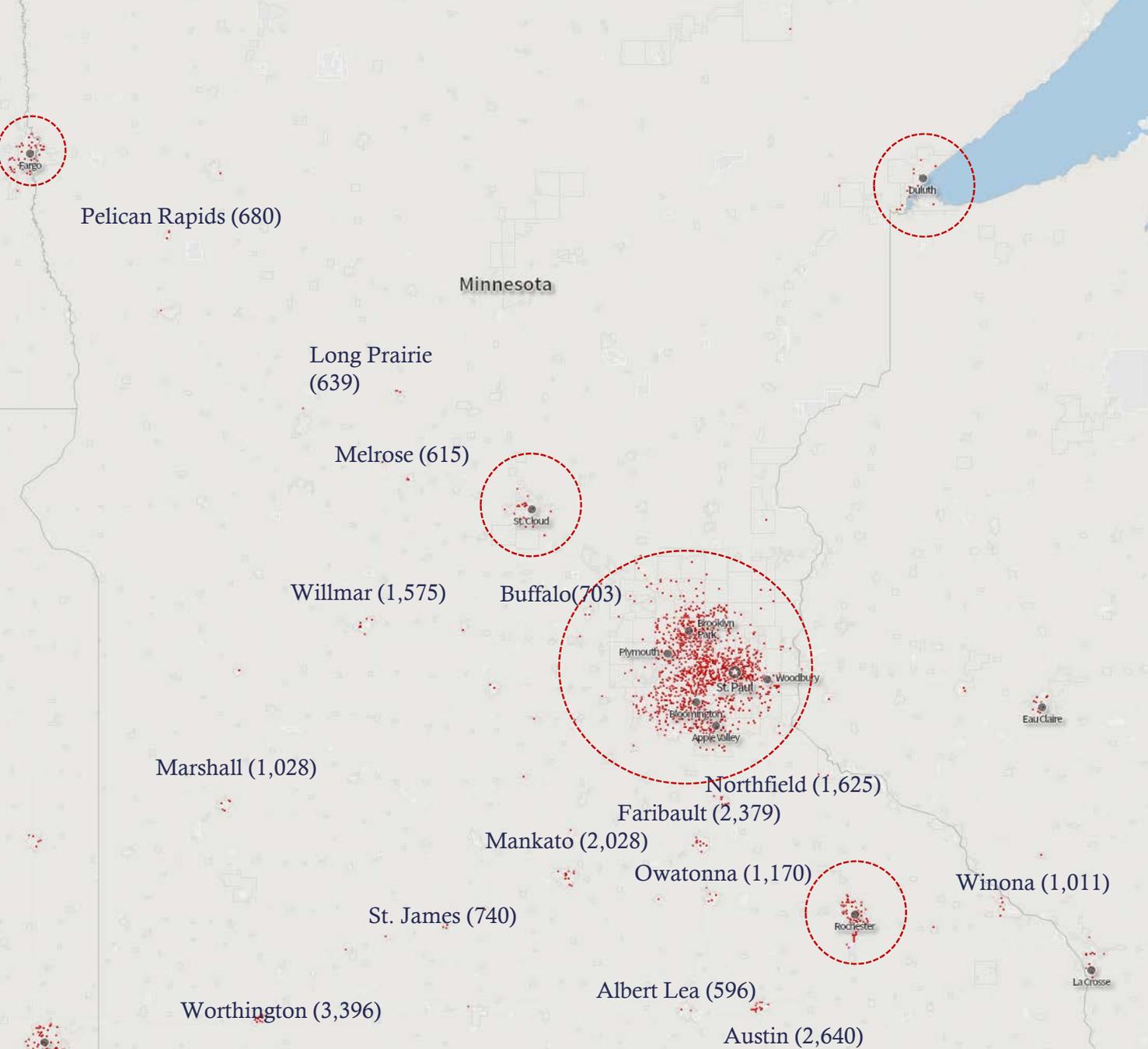
# Percent Foreign Born

## Minnesota 1970-2009



Source: U.S. Census Bureau

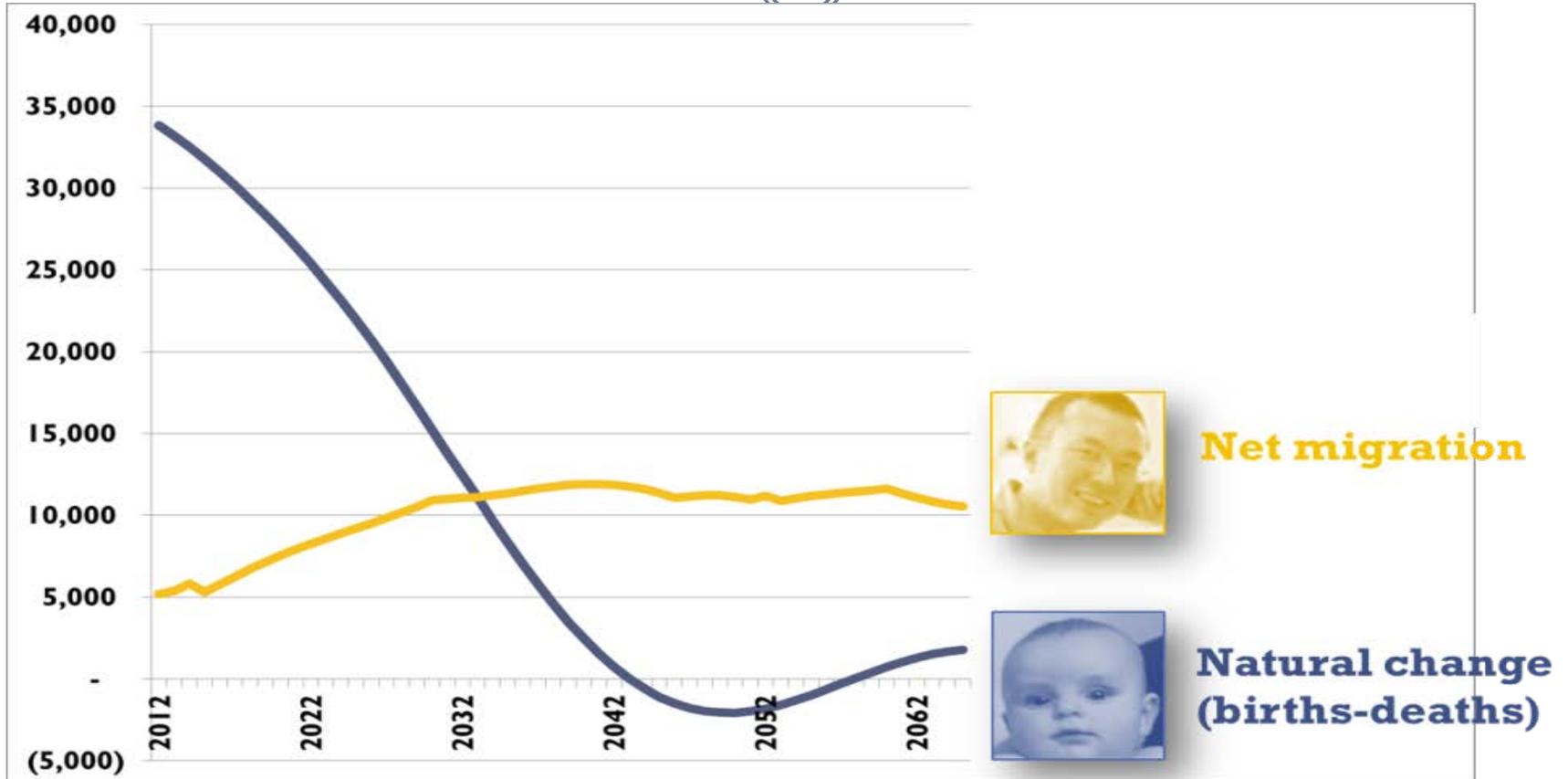
# Foreign-born in MN 2008-2012



● One dot = 500 foreign-born

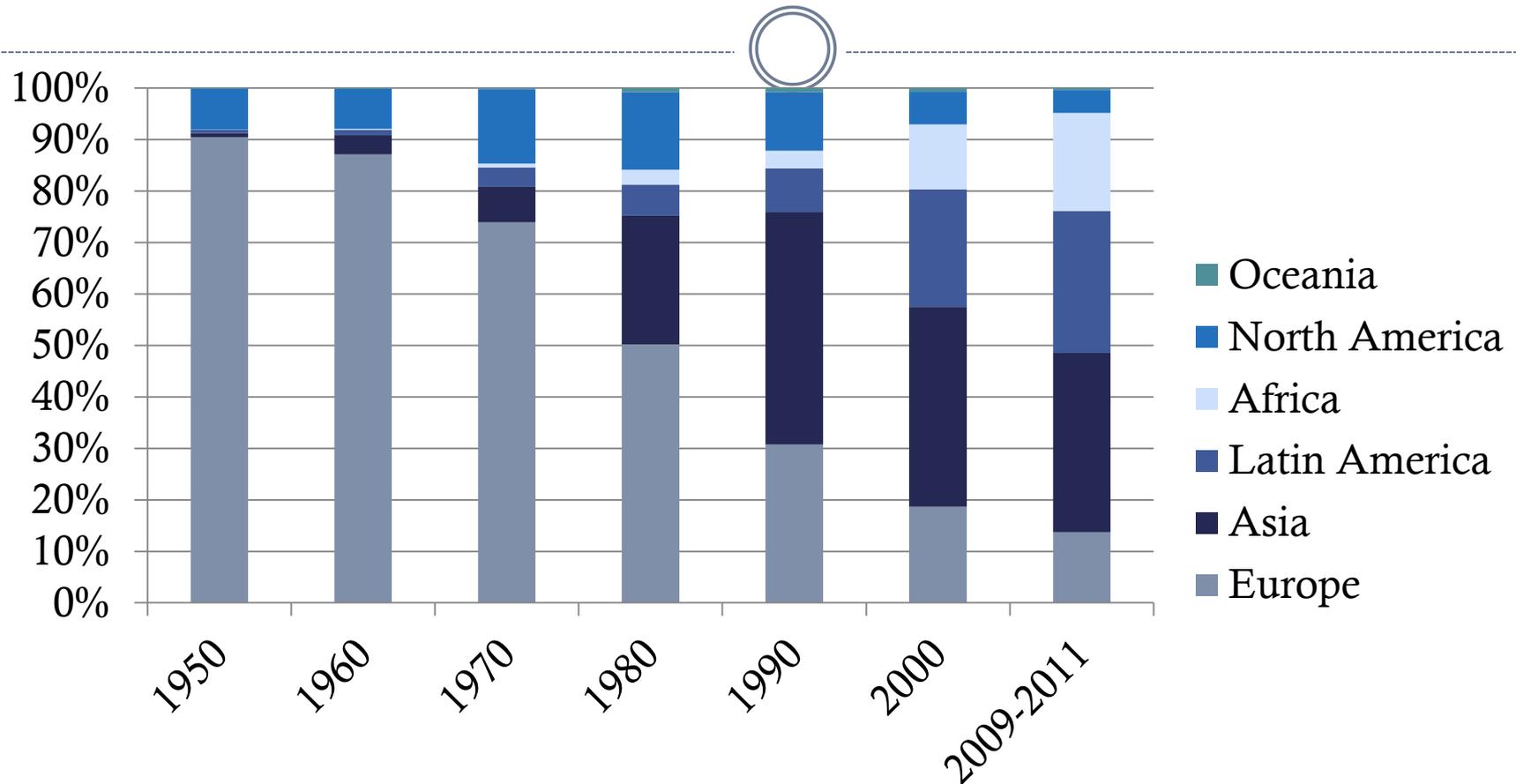
Source: American Community Survey, Social Explorer

# Minnesota's projected net migration and natural change, 2012-2065



Source: State Demographic Center projections, U.S. Census Bureau data used as base population for projections

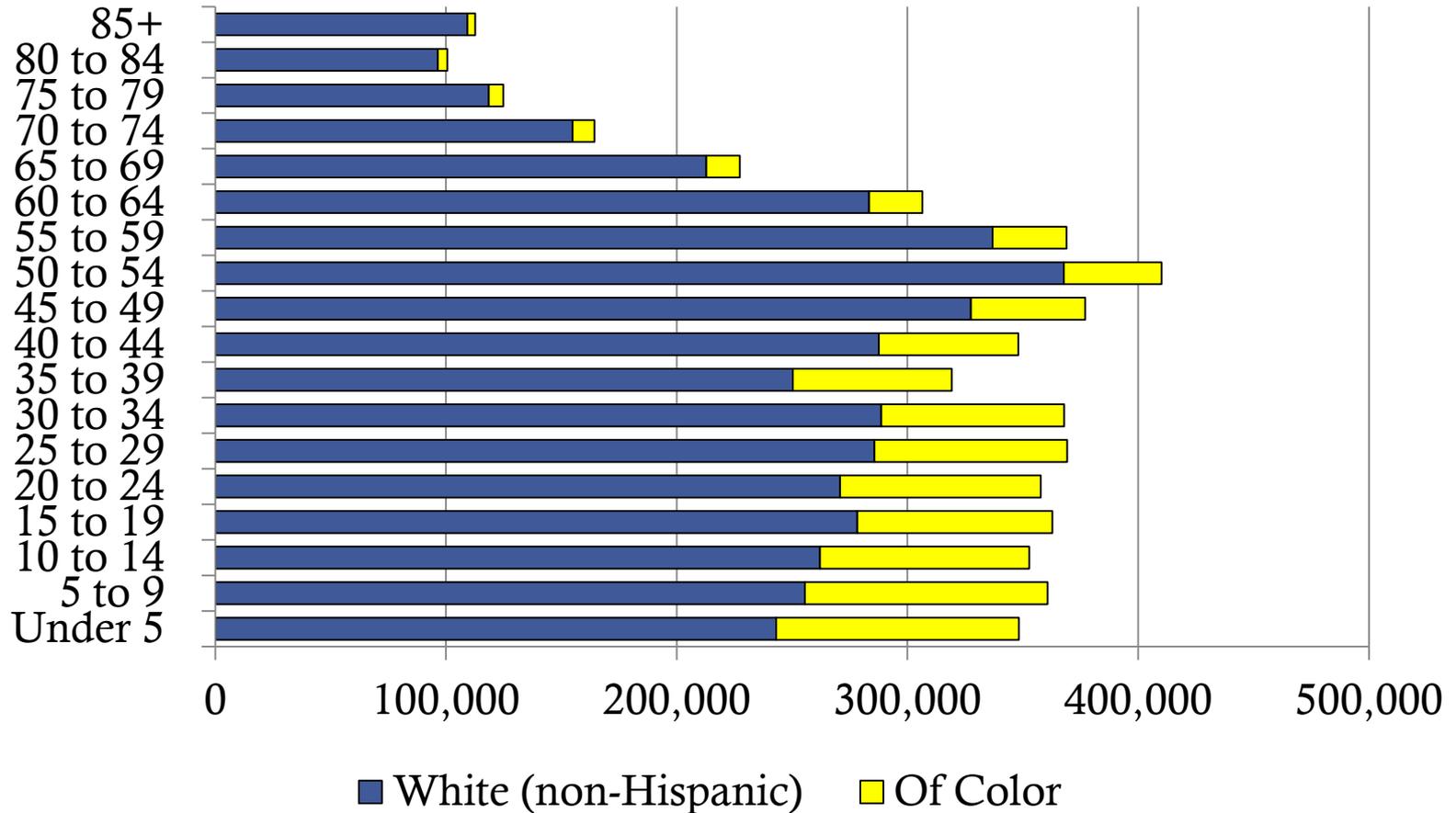
# Our foreign-born population is becoming increasingly diverse



Source: Tabulated by the Minnesota State Demographic Center from the Integrated Public Use Microdata Series

# A portrait of Minnesota, 2012

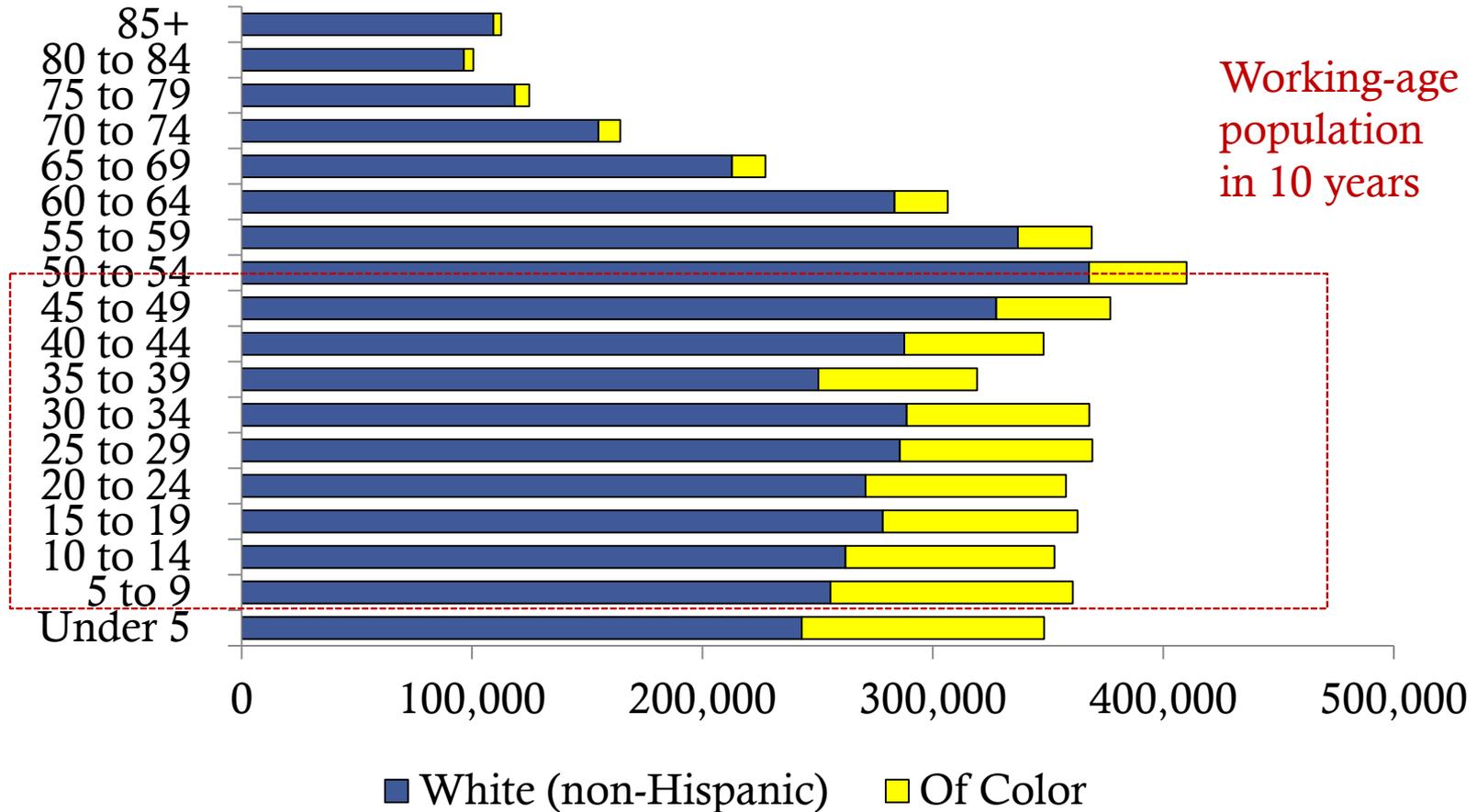
## White (non-Hispanic) and Of Color Population Minnesota, 2012



Source: 2012 Population Estimates, U.S. Census Bureau.

# A portrait of Minnesota, 2012

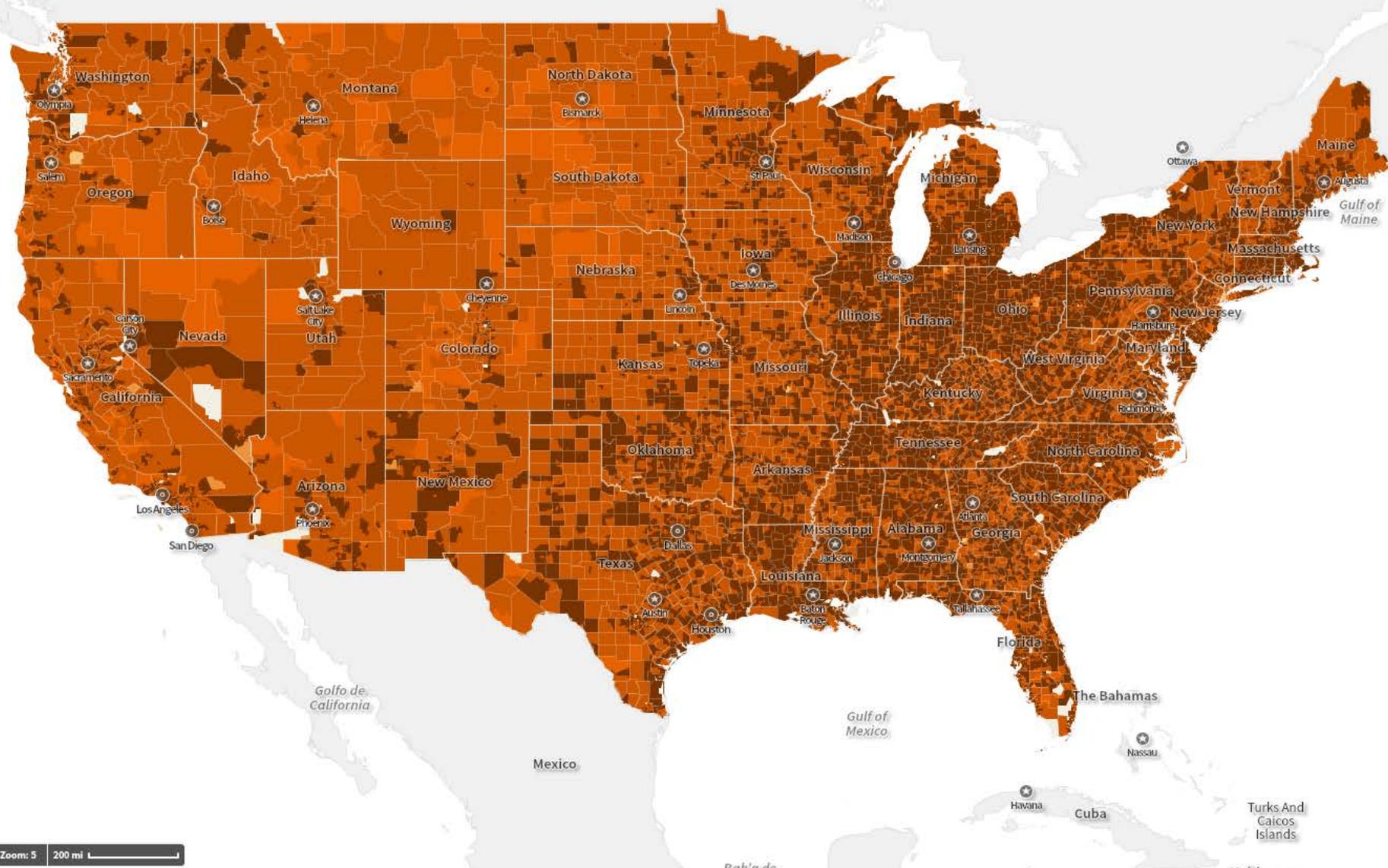
## White (non-Hispanic) and Of Color Population Minnesota, 2012



Show data by: **Tract** Visualization type: **Shaded Area**



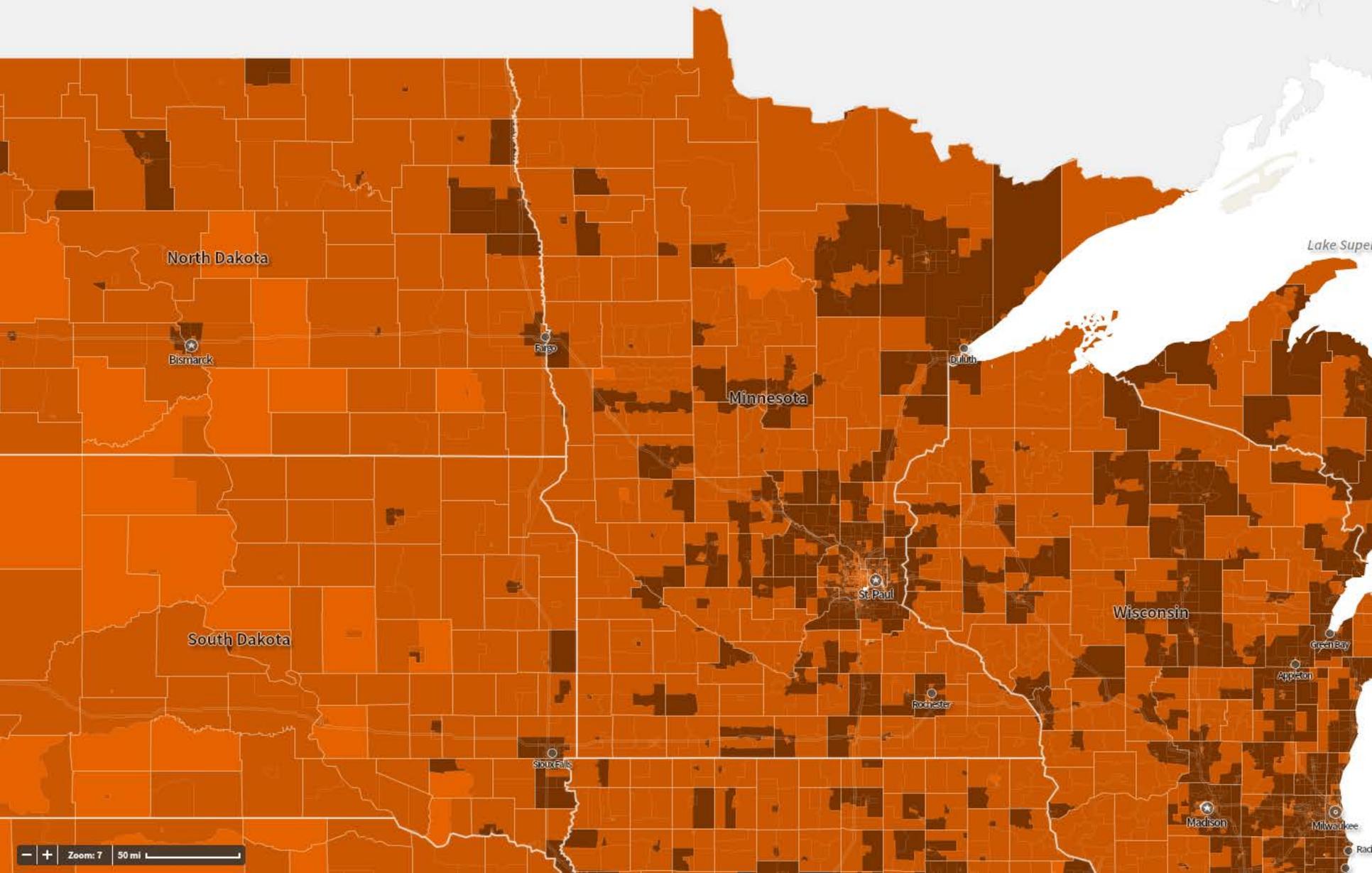
20 40 60 80



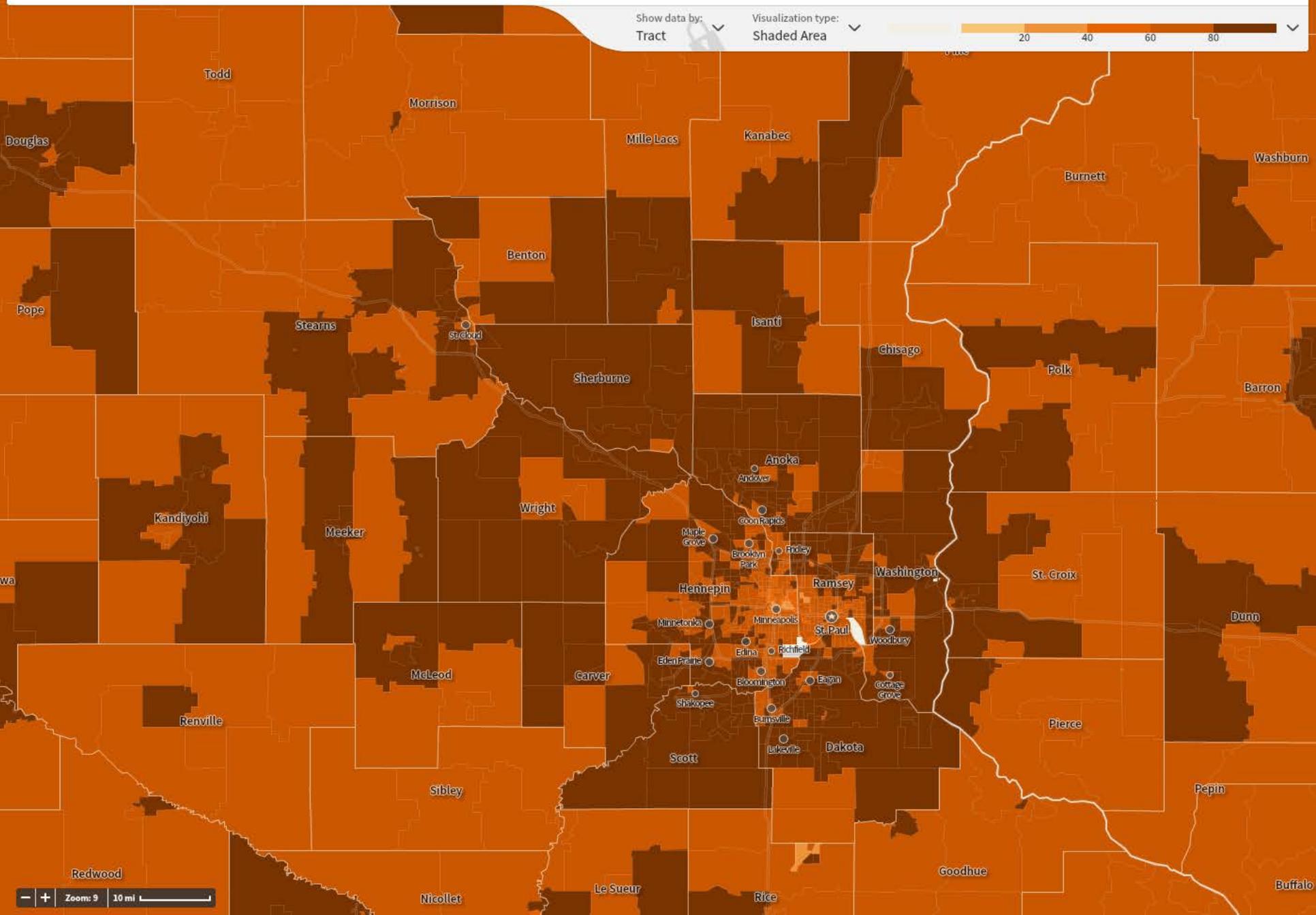
Show data by: **Tract** Visualization type: **Shaded Area**



20 40 60 80



Show data by: **Tract** Visualization type: **Shaded Area**

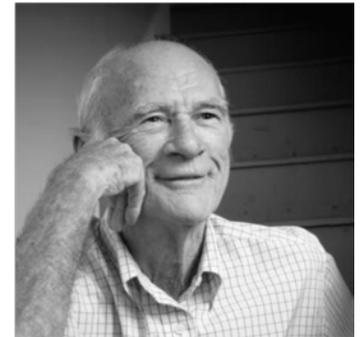


# Considerations of Demographic Change



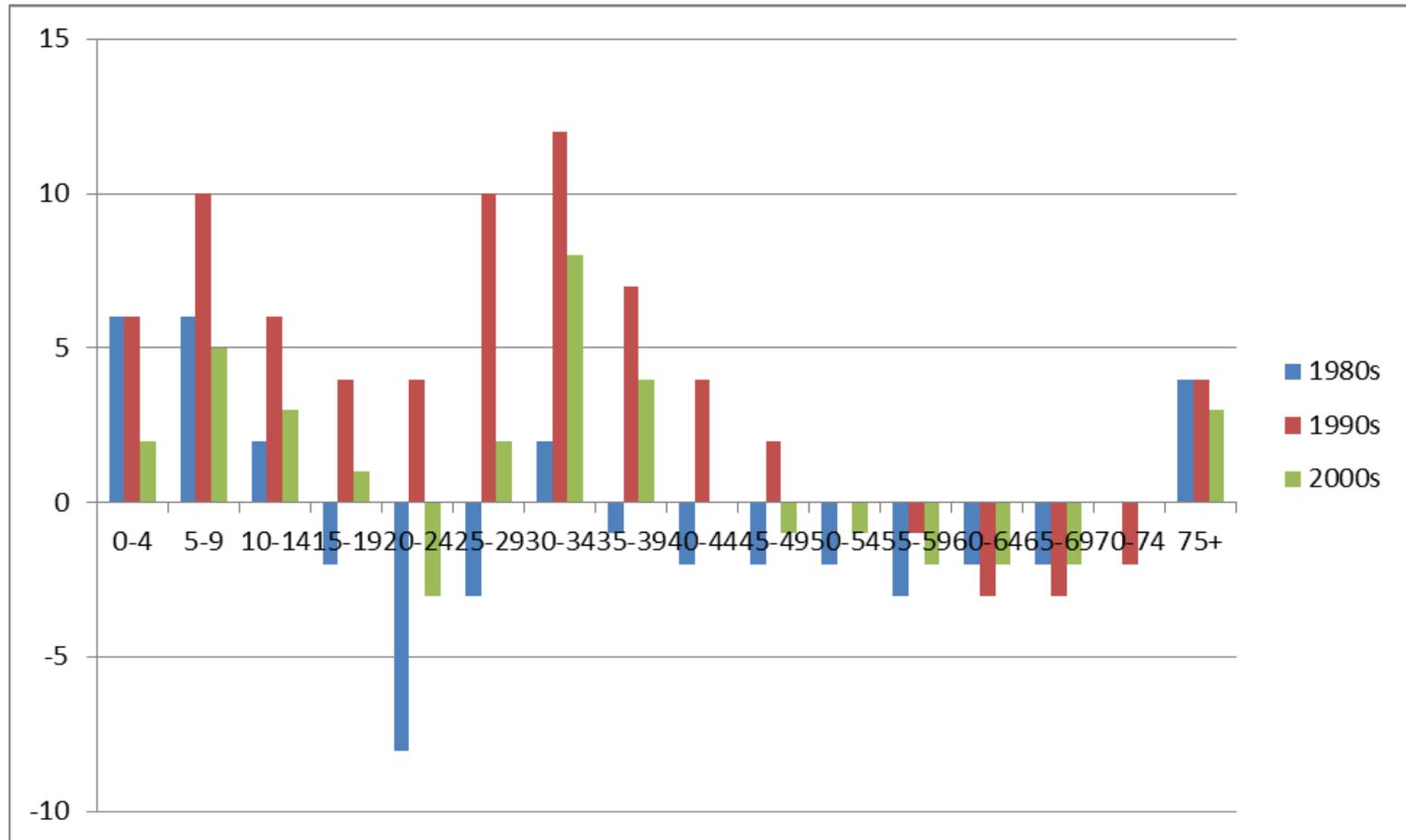
- Daily activity patterns will shift as baby boomers retire
- Labor force growth will slow, increasing the premium on skilled labor
- Cost of health care and long-term care will be cost-drivers of public budgets
- Diversity in state will increase, with or without increased immigration

Questions?  
Comments?



**Susan Brower**  
susan.brower@state.mn.us

# Minnesota tends to gain younger adults and lose older adults



Source: University of Wisconsin, Center for Demography and Ecology