



Minnesota State Demographic Center

## **Presentation to MPR employees**

Susan Brower, Minnesota State Demographer

July 24, 2014

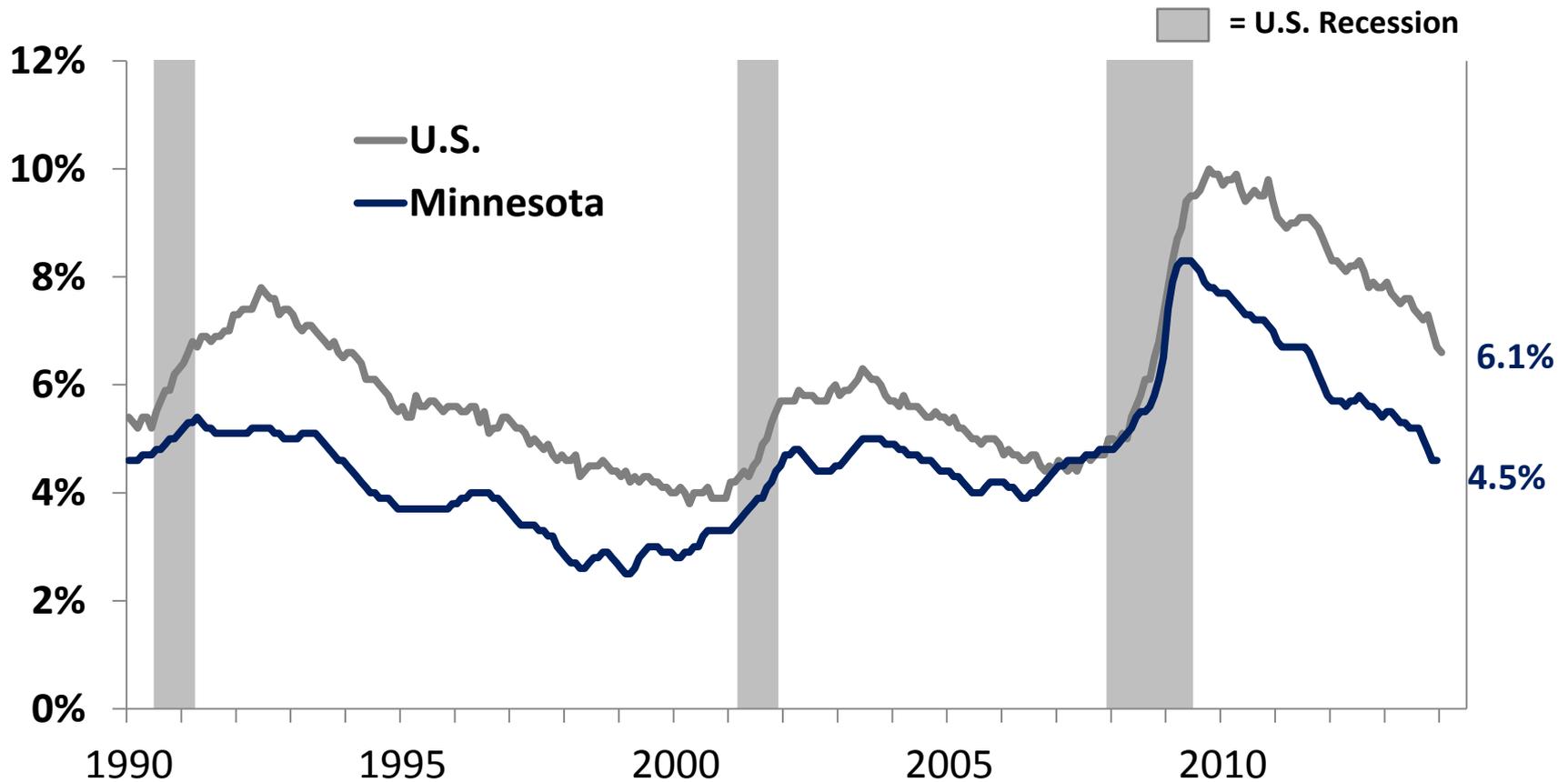
# Topics for today

2 big demographic  
trends that will  
shape Minnesota's  
future

Your questions and  
insights

# Minnesota's economy continues to make solid gains

**Unemployment Rate**  
Monthly, Seasonally Adjusted



Source: MN Department of Employment and Economic Development (DEED)

**Trend #1:**  
Population  
aging will  
dampen  
future  
economic  
growth

The  
Economist

APRIL 26TH - MAY 2ND 2014

economist.com

Warren Buffett: time for a break-up?

Germany abandons reform

China's middle-class exodus

How to teach your child to code

Robot sex, batteries not included

# A billion shades of grey

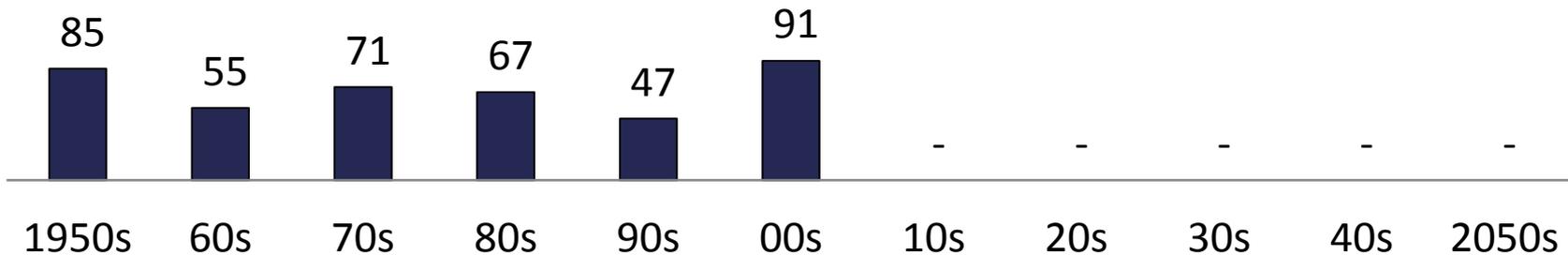
*"Thanks to us oldies,  
the world economy is threatened  
with secular stagnation. China's  
prospects are deteriorating  
and inequality is rising"*

*"That's nice,  
dear"*



# How many additional “older adults” will Minnesota gain during this decade?

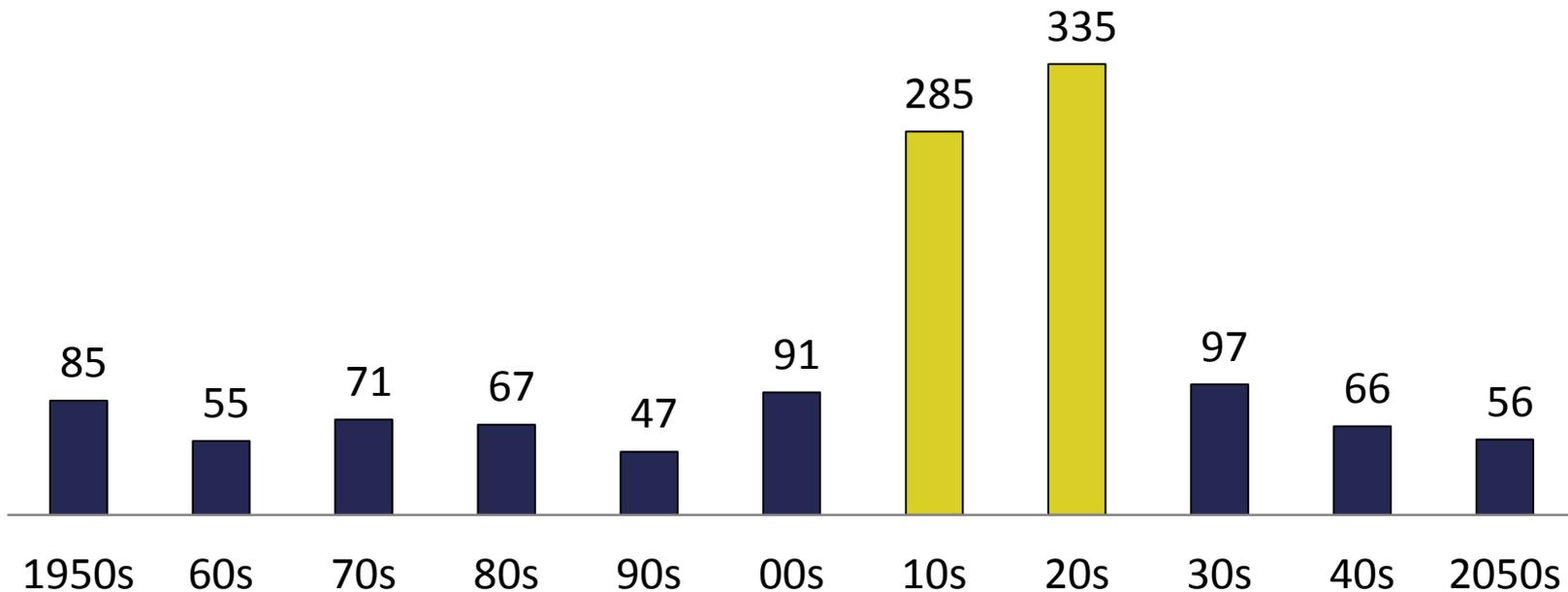
Change in older adults, age 65+ (in thousands)



Sources: U.S. Census Bureau

# Unprecedented increases in MN's “older adult” population

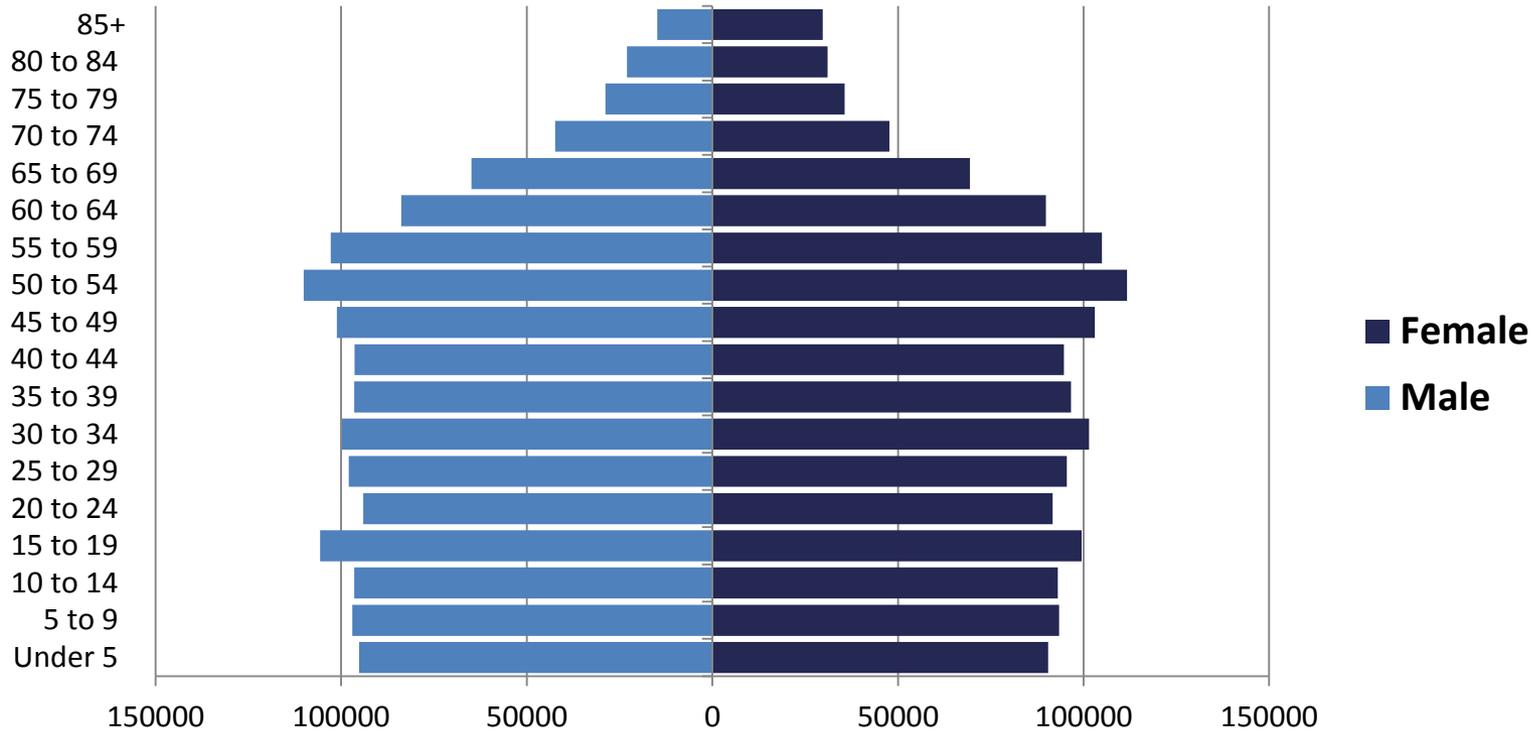
Change in older adults, age 65+ (in thousands)



Sources: U.S. Census Bureau, MN State Demographic Center

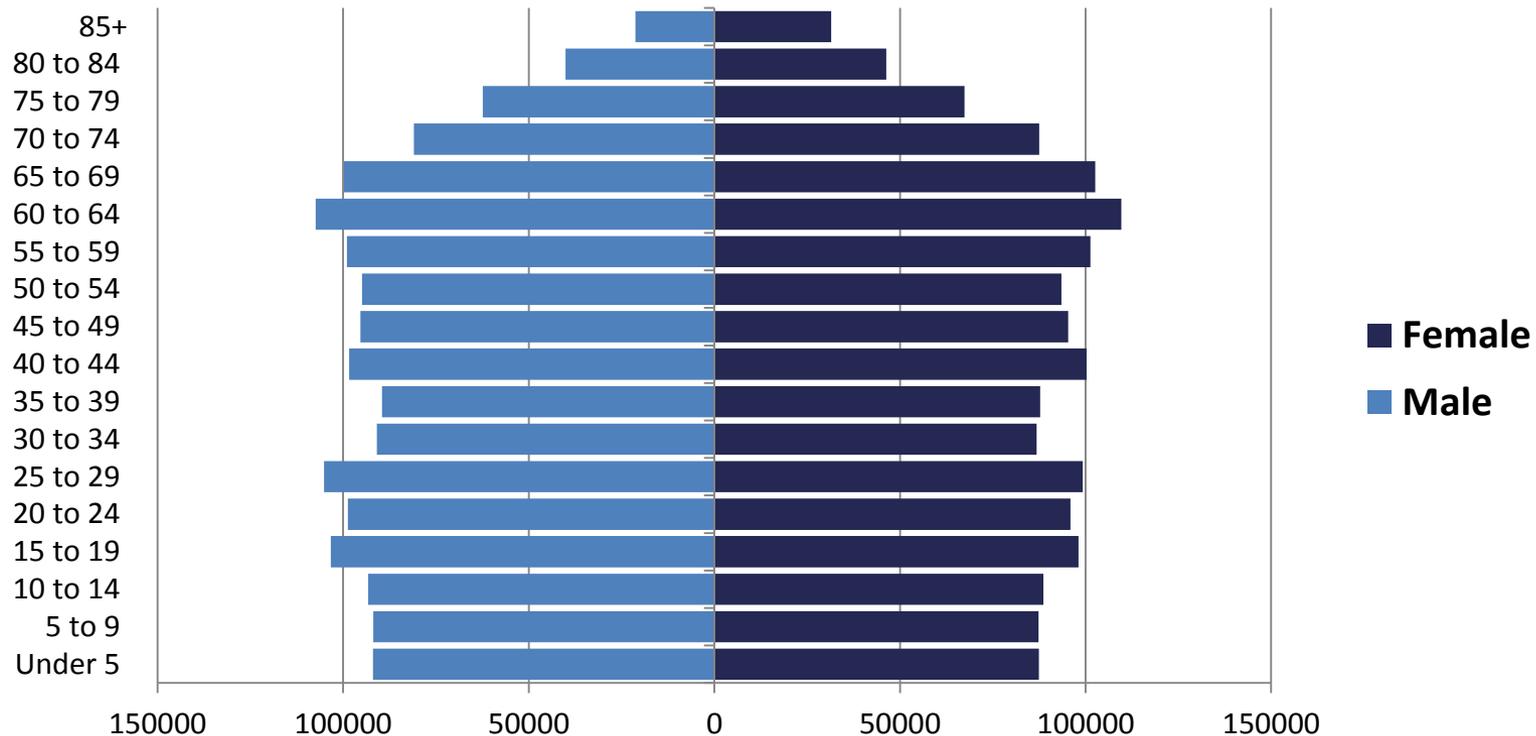
# What the Twin Cities 7-county metro will look like... next year

Population by age and sex  
7-county Twin Cities metro, 2015



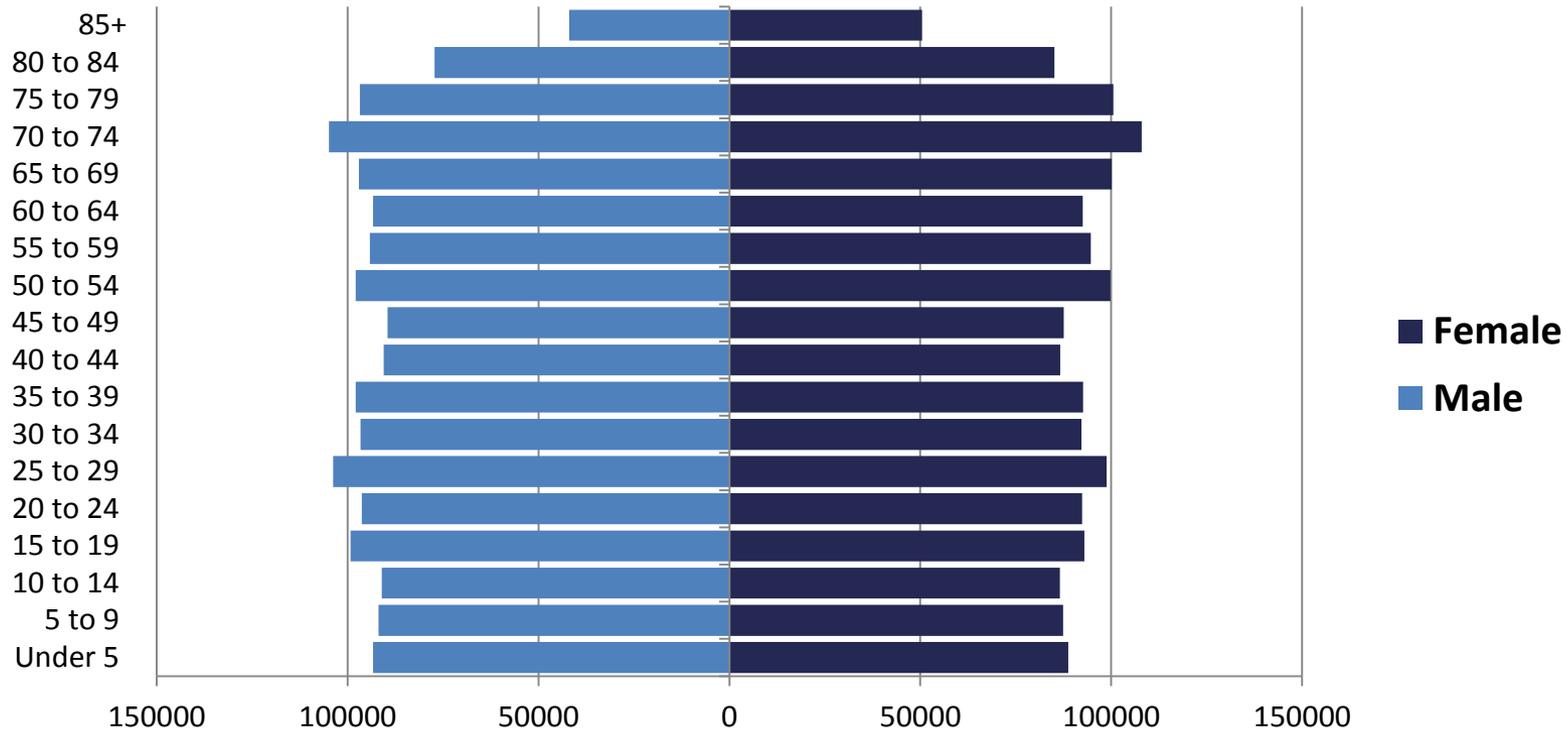
# What the Twin Cities 7-county metro will look like... in 11 years

Population by age and sex  
7-county Twin Cities metro, 2025

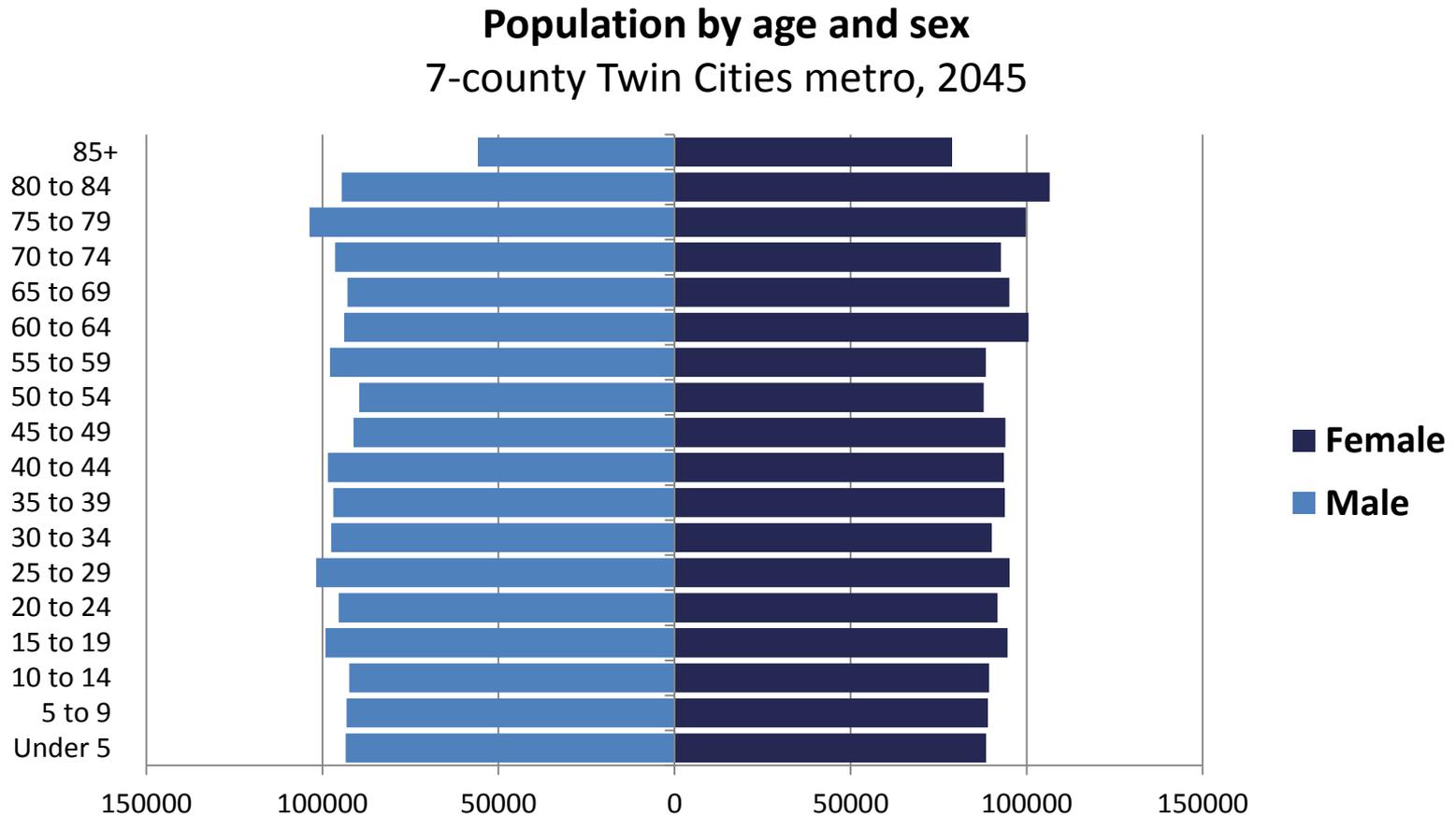


# What the Twin Cities 7-county metro will look like... in 21 years

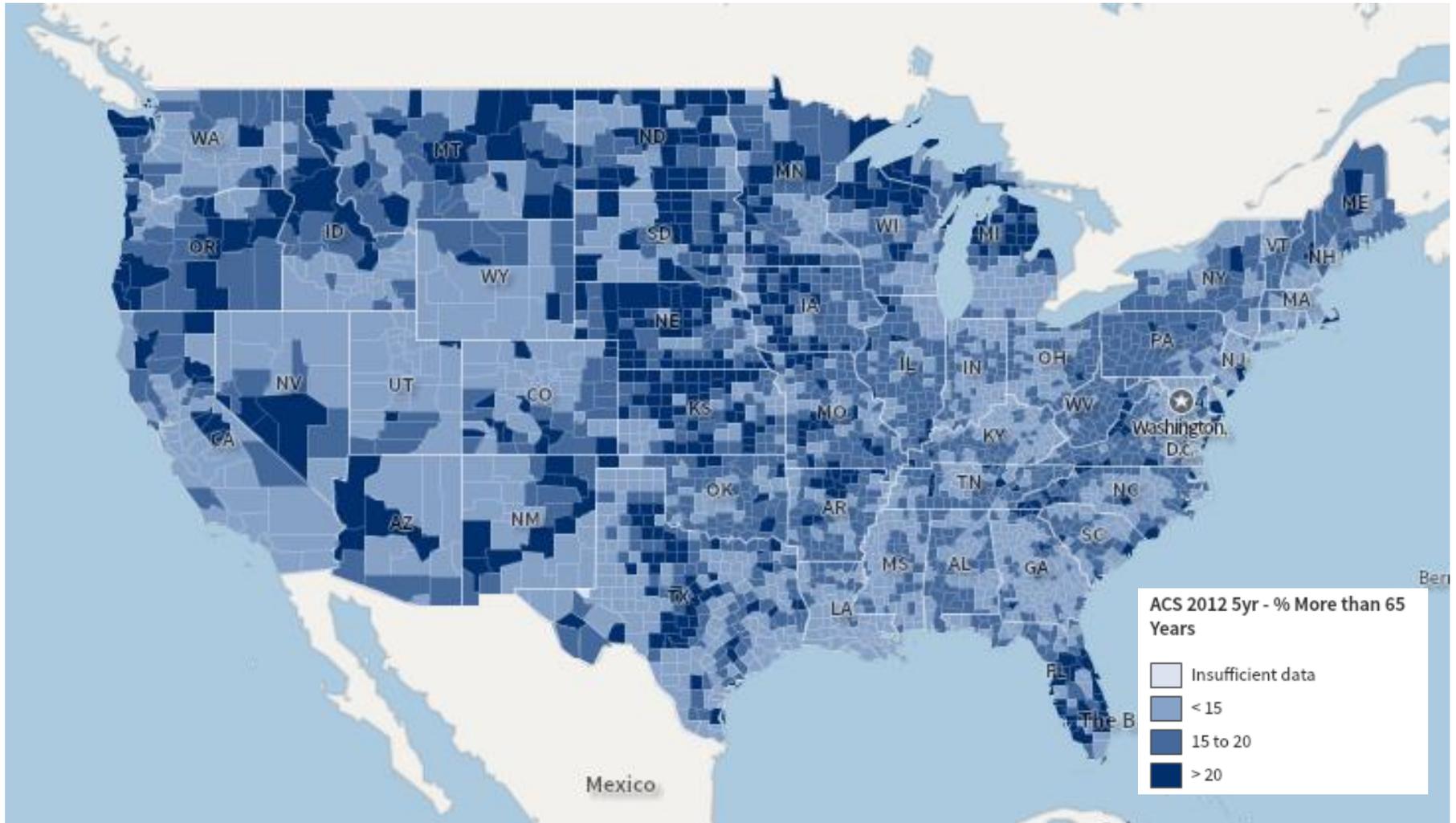
Population by age and sex  
7-county Twin Cities metro, 2035



# What the Twin Cities 7-county metro will look like... in 31 years

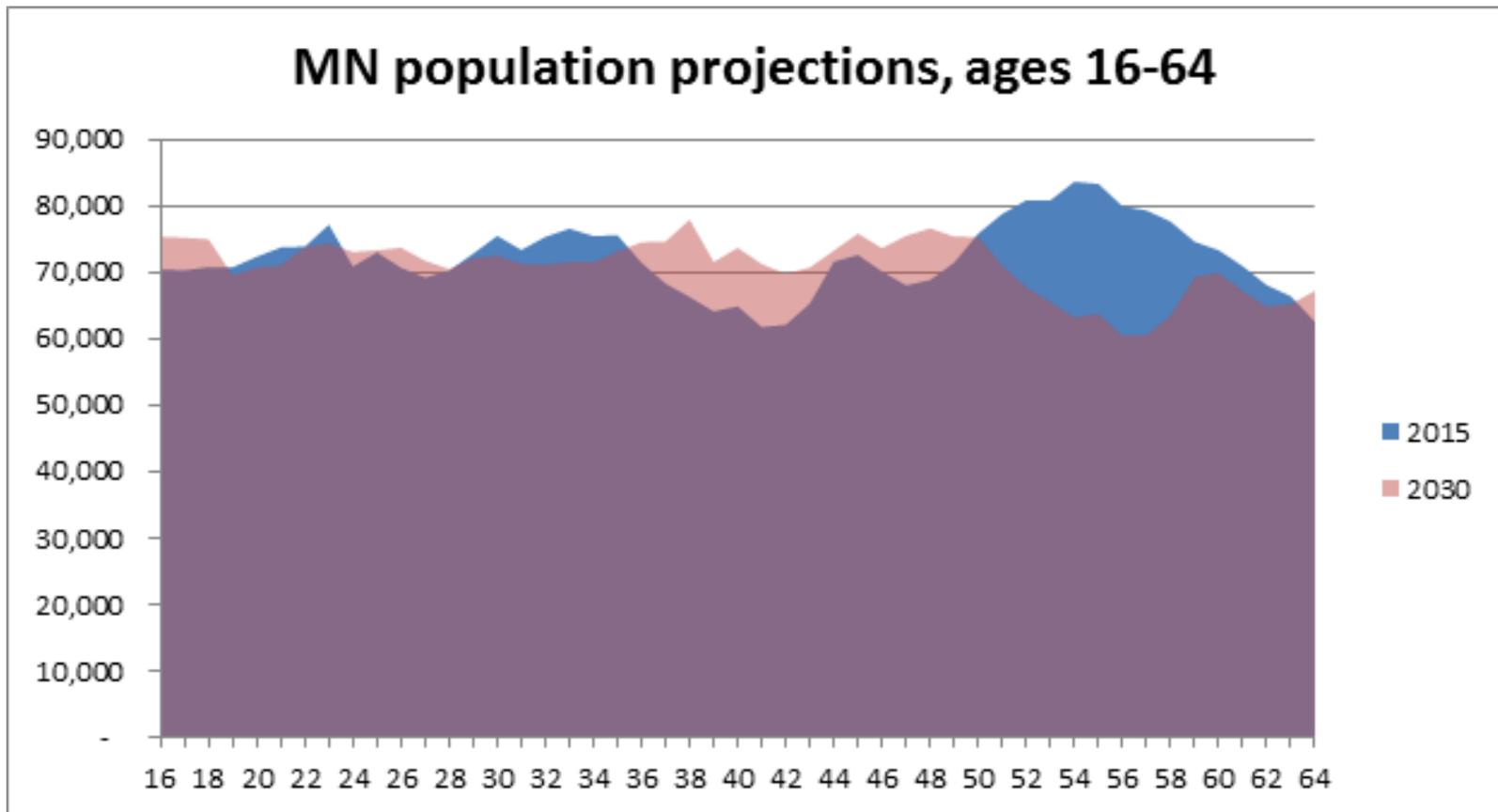


# Percent age 65+, 2012

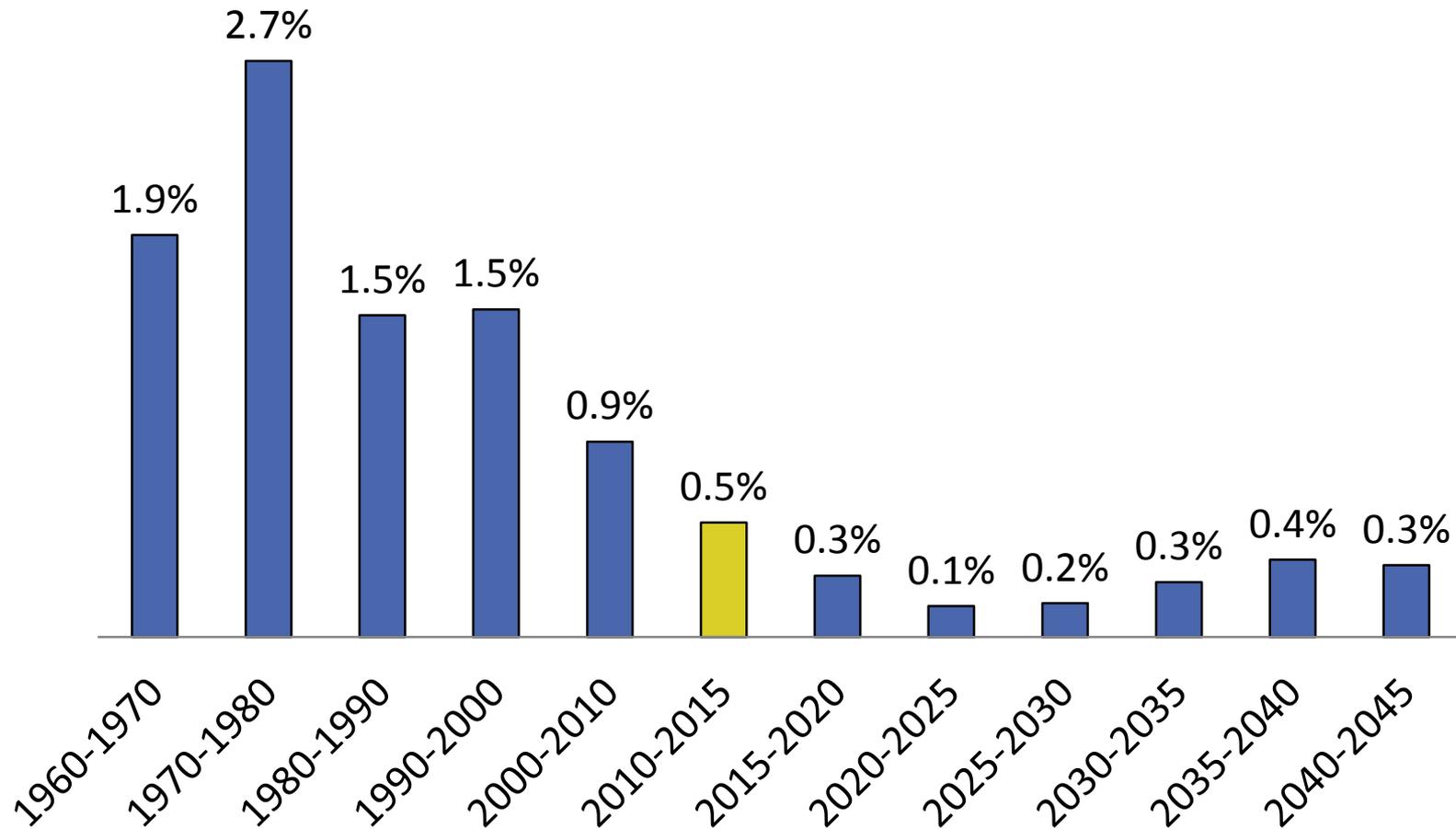


Sources: U.S. Census Bureau, Social Explorer.

# As Baby-Boomers move out of the prime working years, labor force growth slows

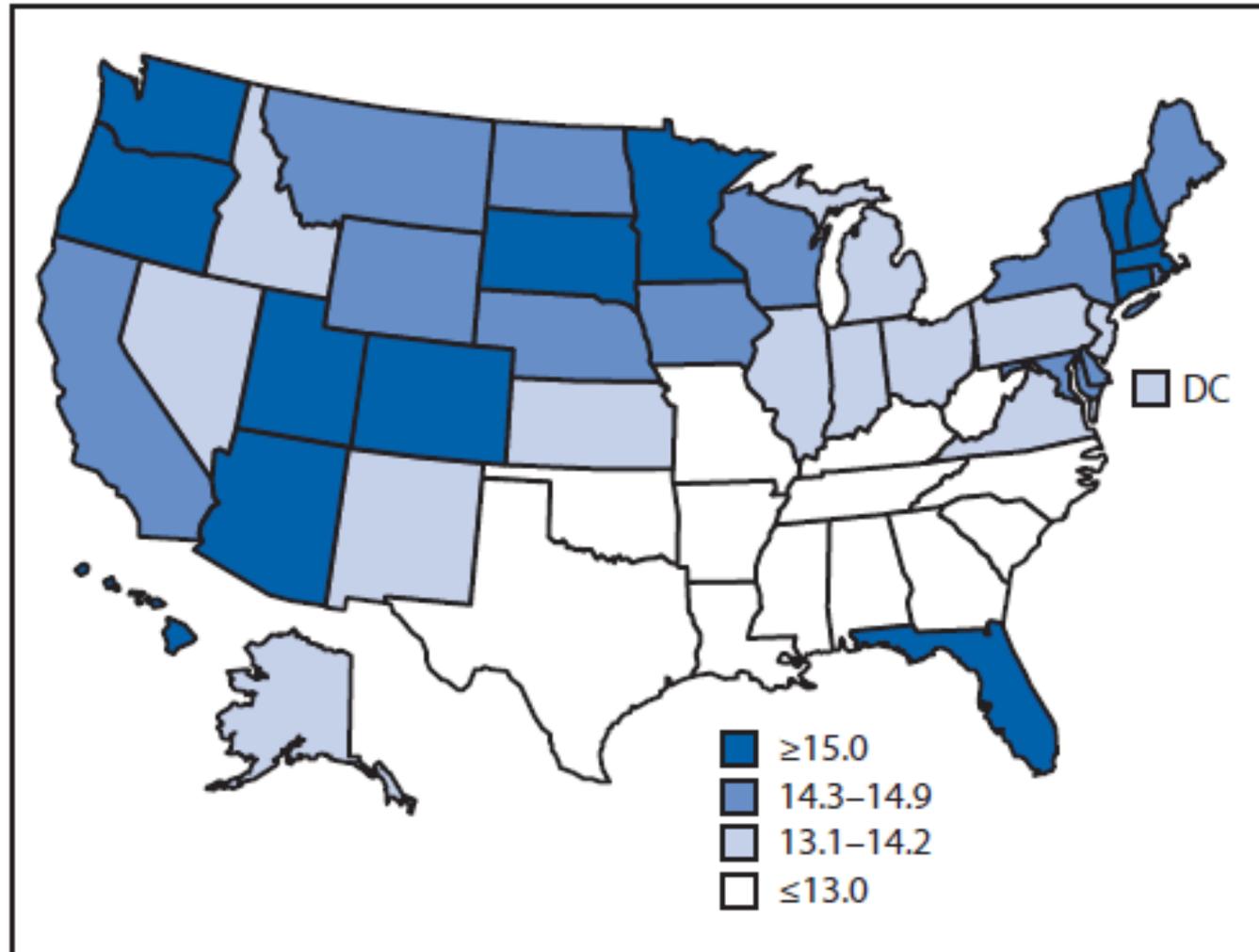


# Labor force growth is projected to slow



Source: Minnesota State Demographic Center Projections

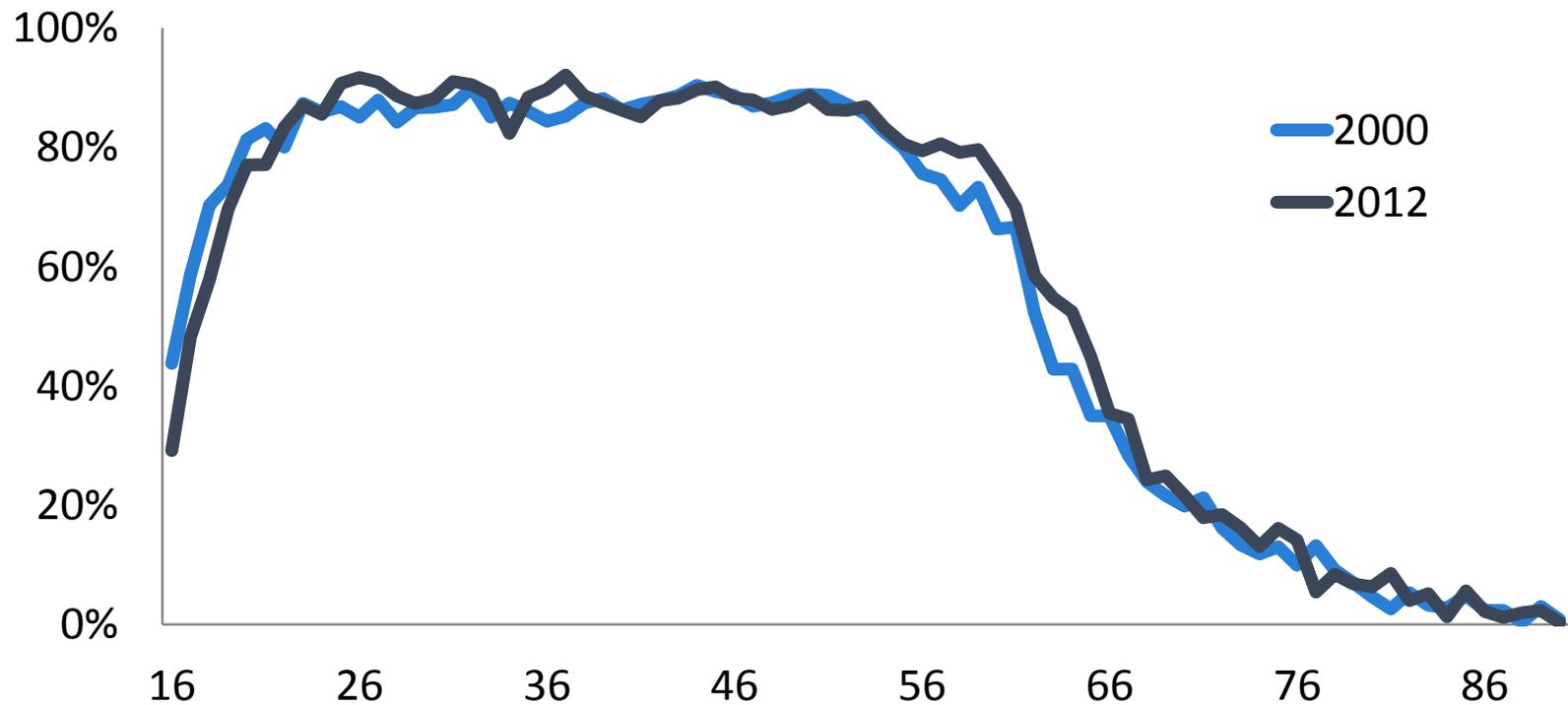
# Healthy life expectancy at age 65, 2007-2009



Source: Centers for Disease Control, 2013

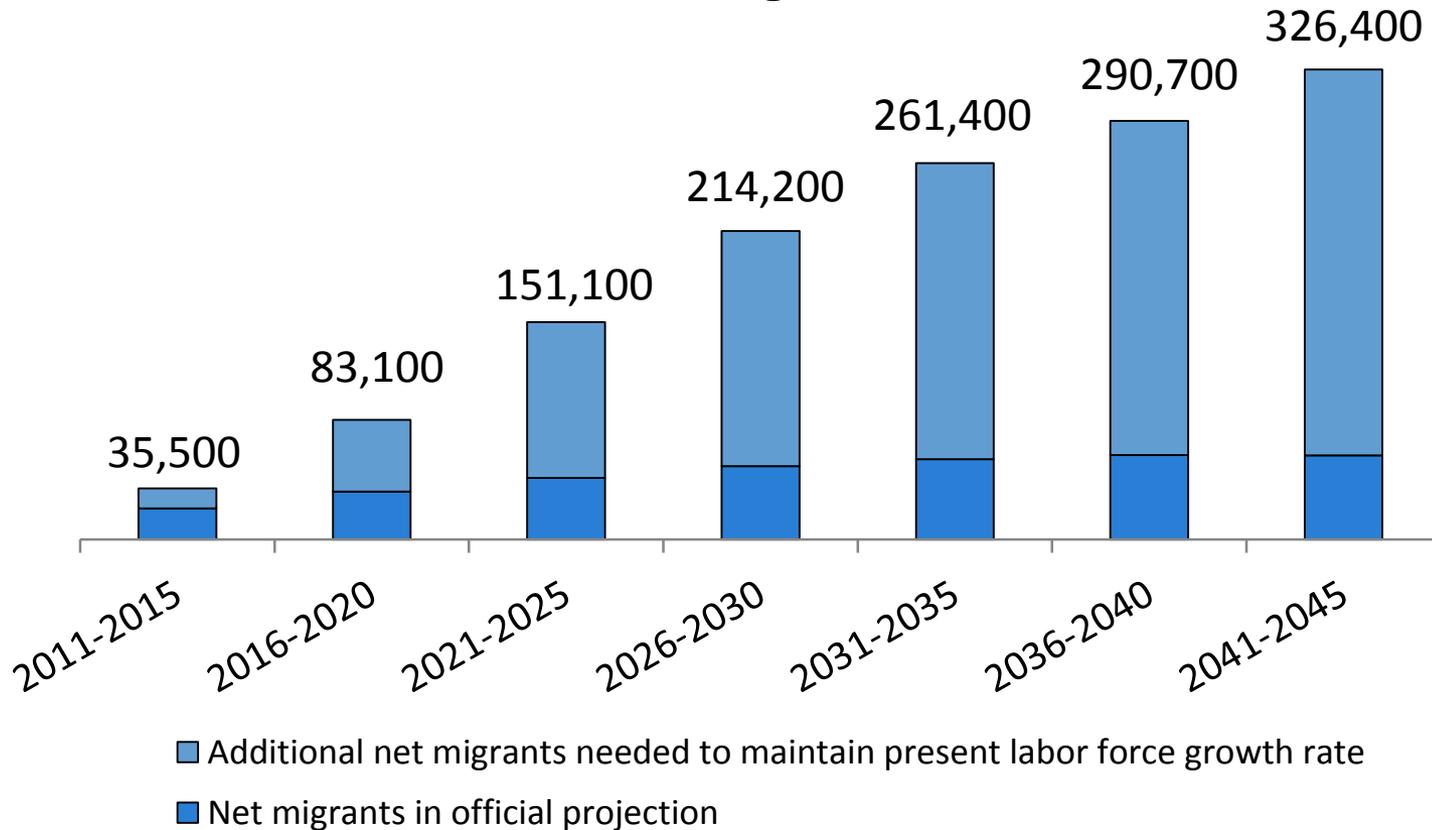
# Labor force participation of older adults has increased only slightly

Rates of labor force participation  
2000 and 2012



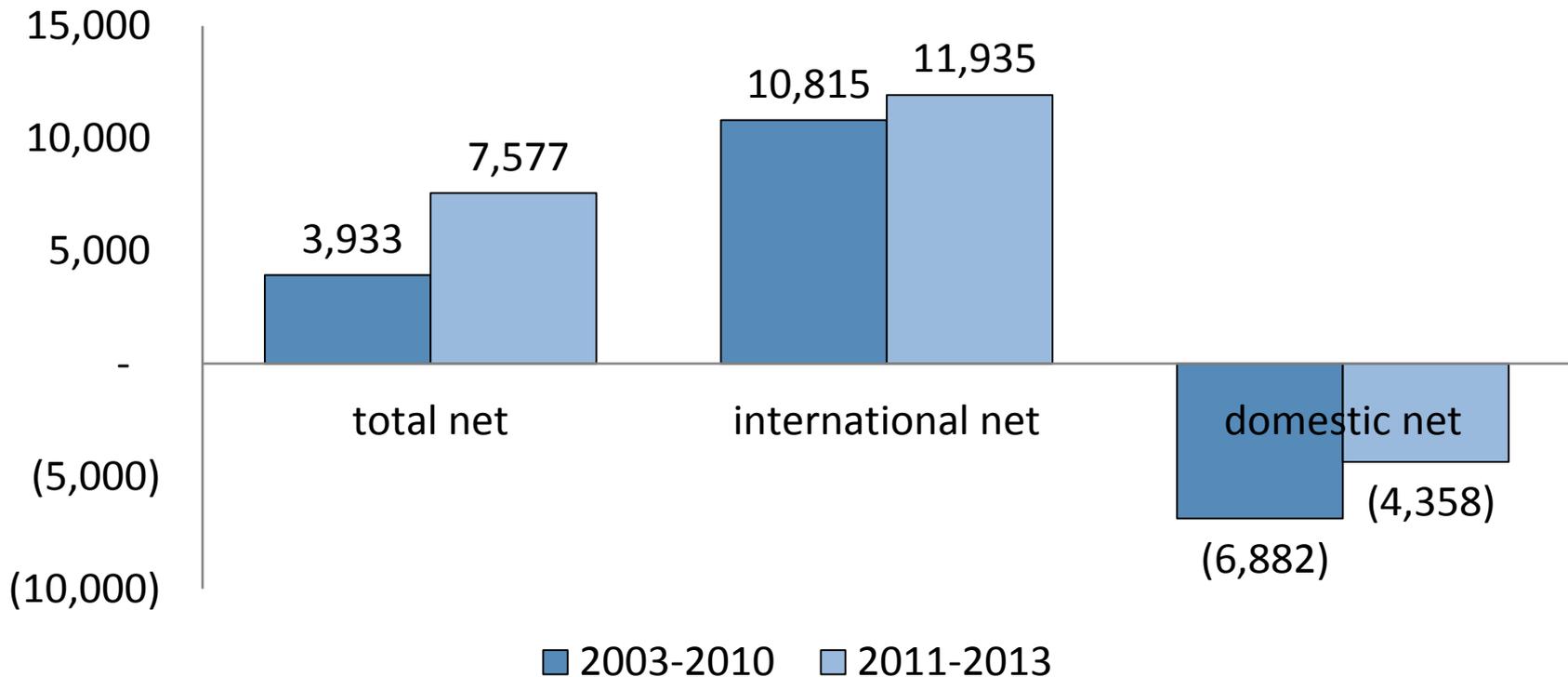
# + Immigration not likely to be enough to countervail aging trend

Immigrants to Minnesota needed to keep 0.5% labor force growth rate



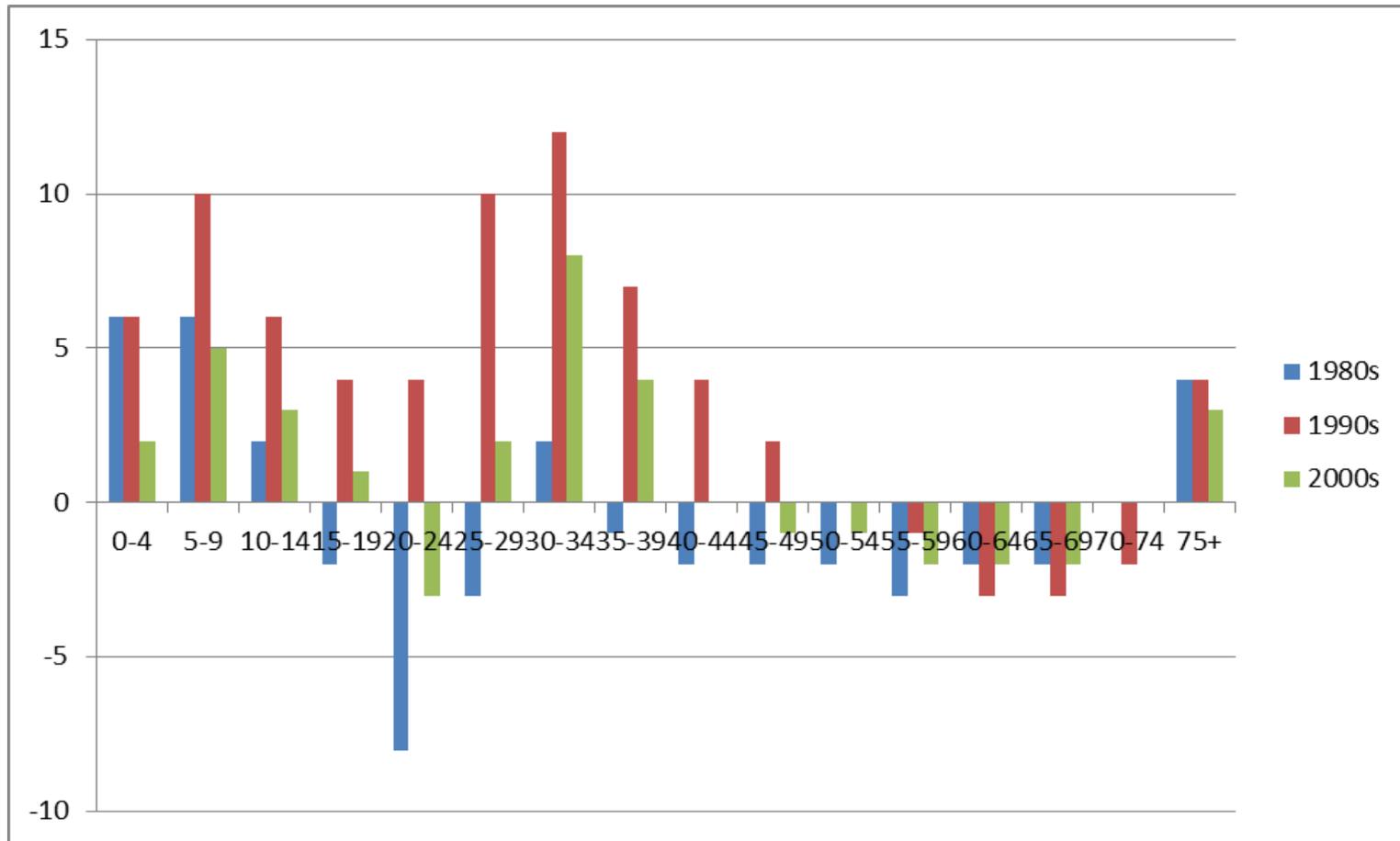
# Average levels of net-migration

**Average annual net migration  
Minnesota, 2003-2010 and 2011-2013**



# Rate of net migration by age

## Minnesota 1980s-2000s (per 1,000)

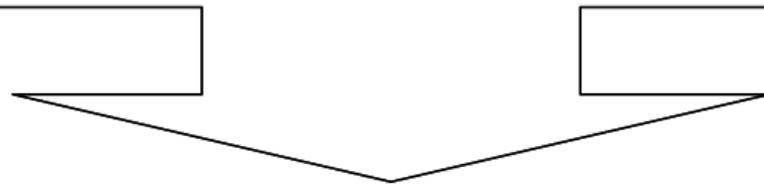


Source: University of Wisconsin, Center for Demography and Ecology

# Which states attract? Which states retain?

		ATTRACT			
		1Q	2Q	3Q	4Q
RETAIN	1Q	ND	SD, KS	MT	ID, WY, AK, NV
	2Q	IA, WV	NE, ME, NY, RI	HI, VT, NM, NJ	DE, NH, CO
	3Q	LA, MS, IN, MO	IL, MA, AL, OK	CT, VA	MD, WA, OR, FL, AZ
	4Q	MI, OH, PA, WI, KY, AL, MN	TN, SC, UT	NC, TX, GA, CA	<b>HOLY GRAIL</b>

Source: Hermalin and Neidert, 2014.



**Real GDP Growth**

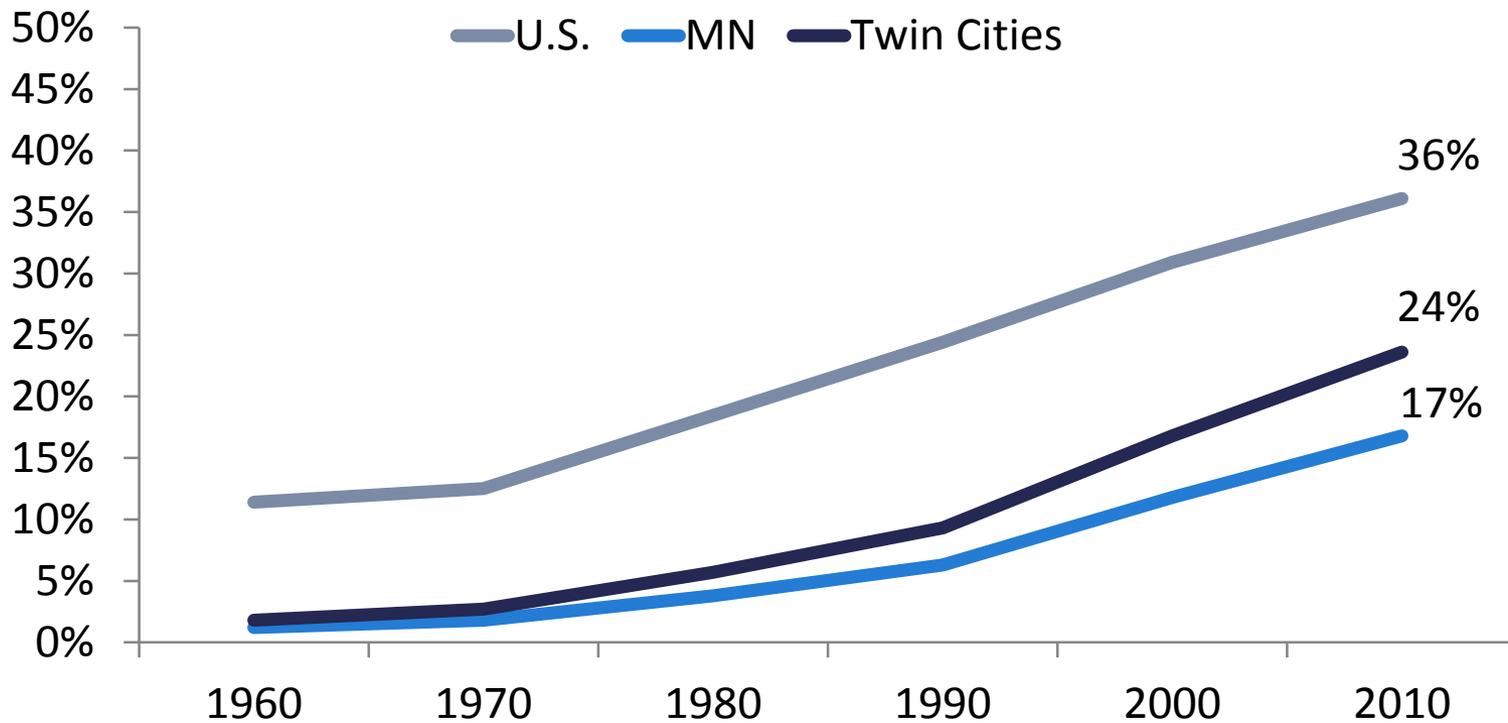
Source: Credit Suisse

**Trend #2:**  
**Increasing**  
**diversity**

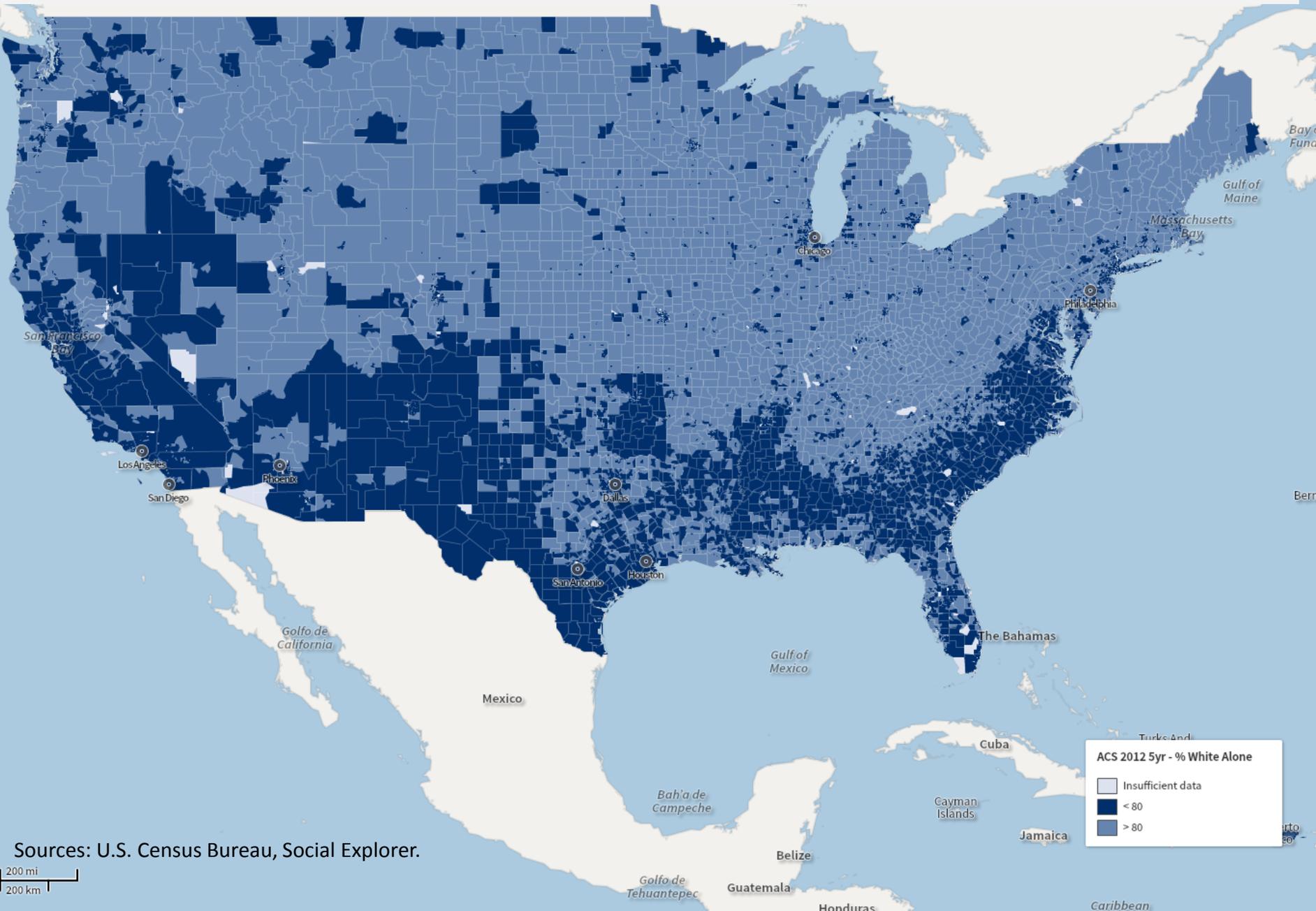


# 50 years of growing diversity in our region, state, nation

Percent Of Color, 1960-2010

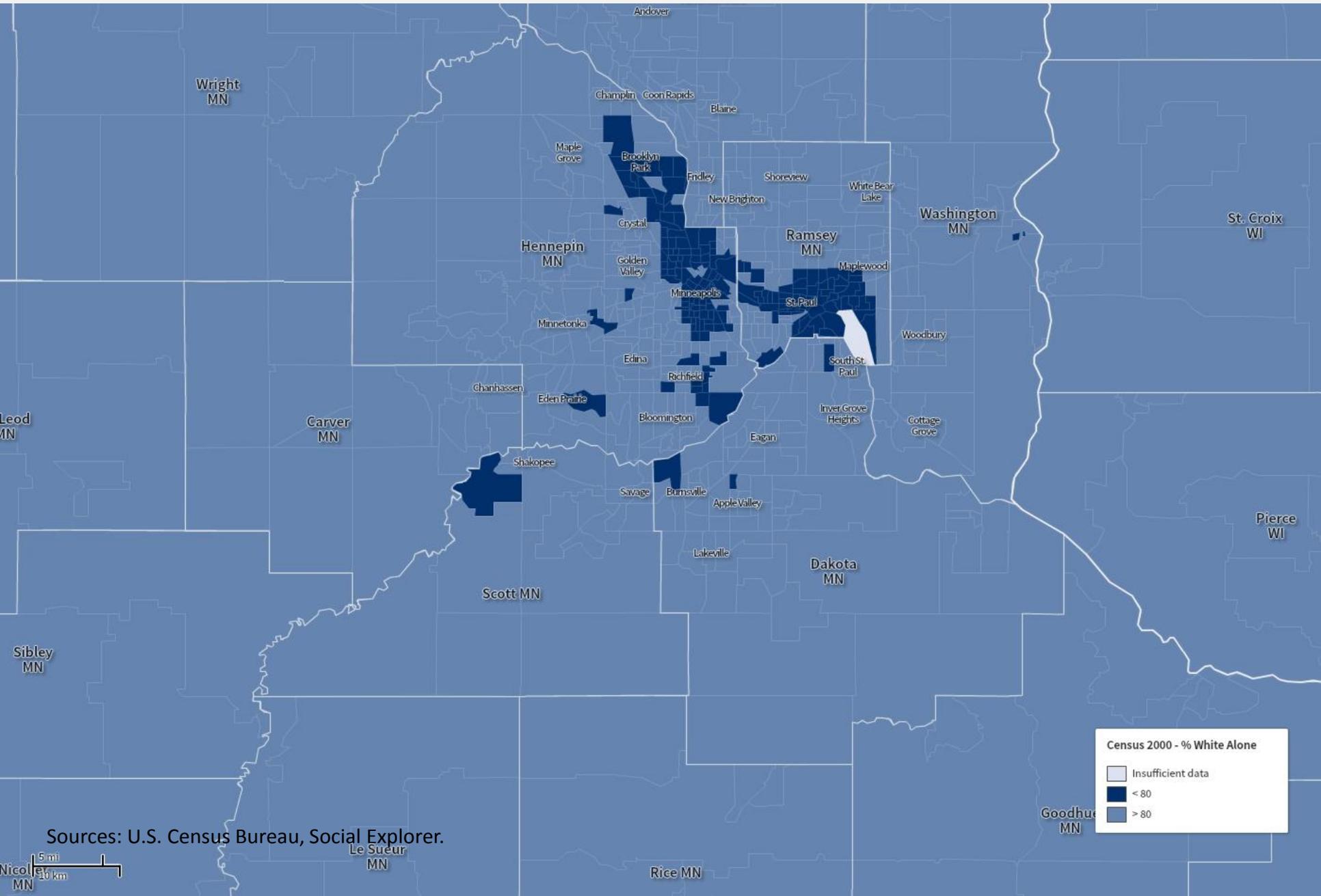


# Populations of Color > 20%

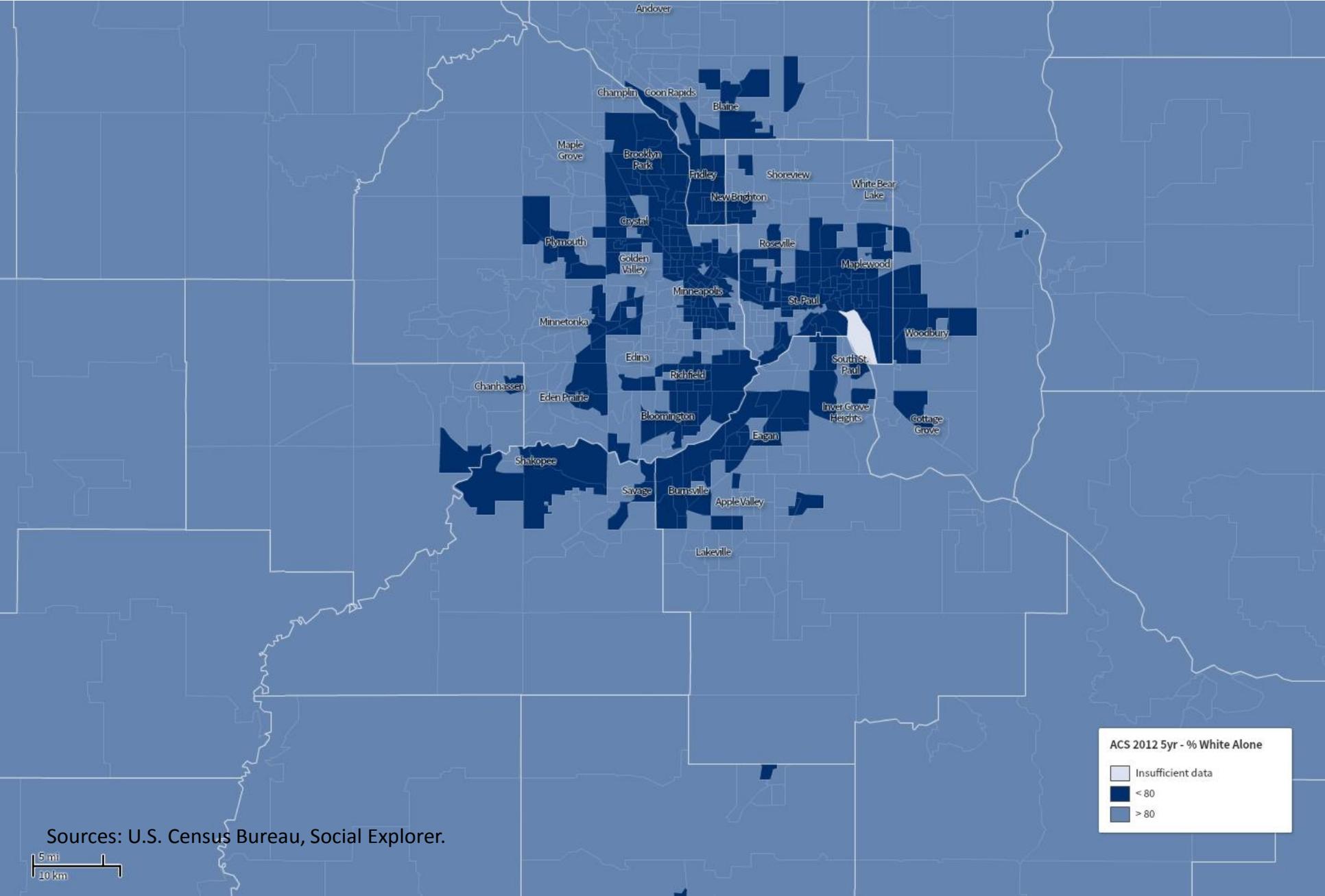


Sources: U.S. Census Bureau, Social Explorer.

# Populations of Color > 20% in 2000



# Populations of Color > 20% in 2008-2012

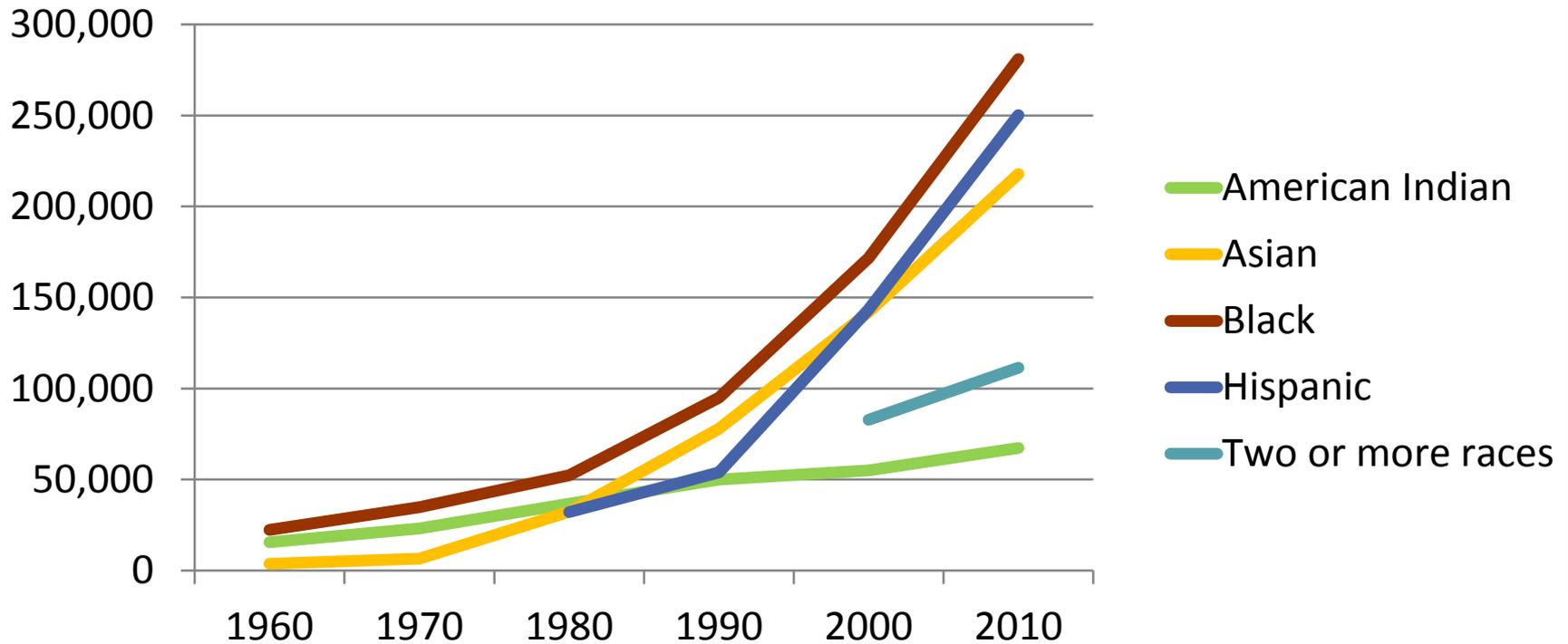


Sources: U.S. Census Bureau, Social Explorer.



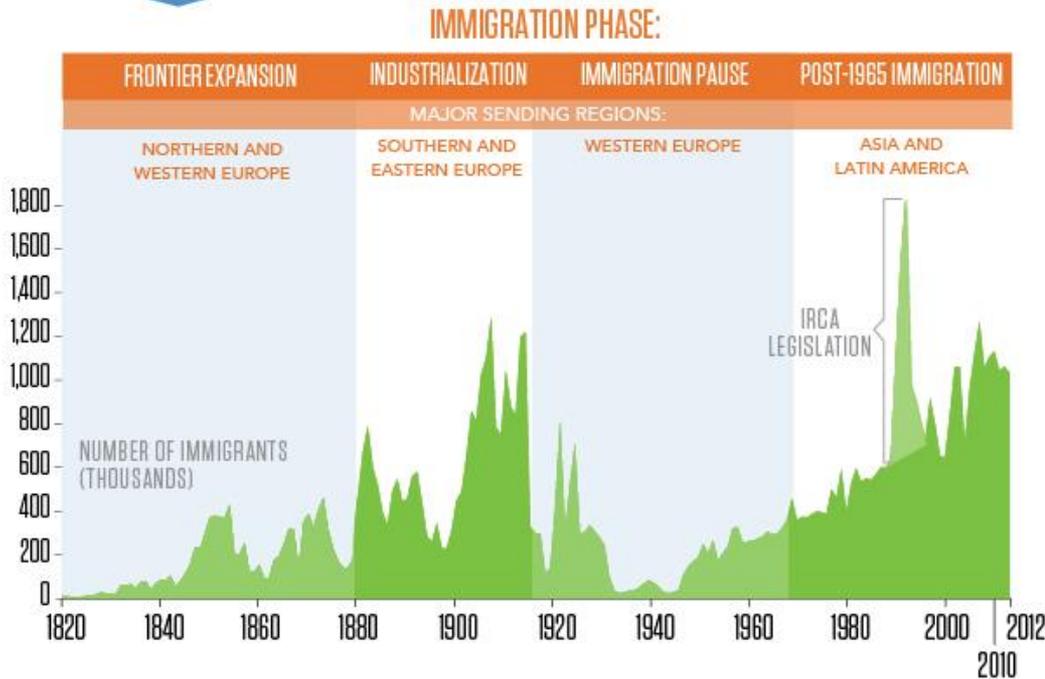
# Black, Latino and Asian populations growing rapidly

## Populations of color, MN



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

# U.S. IMMIGRATION HAS OCCURRED IN WAVES, WITH PEAKS FOLLOWED BY TROUGHS



7% (390,000) of Minnesotans foreign born

Source: 2012 American Community Survey

**110k**  
NUMBER OF FOREIGNERS WHO ENTER THE UNITED STATES PER DAY

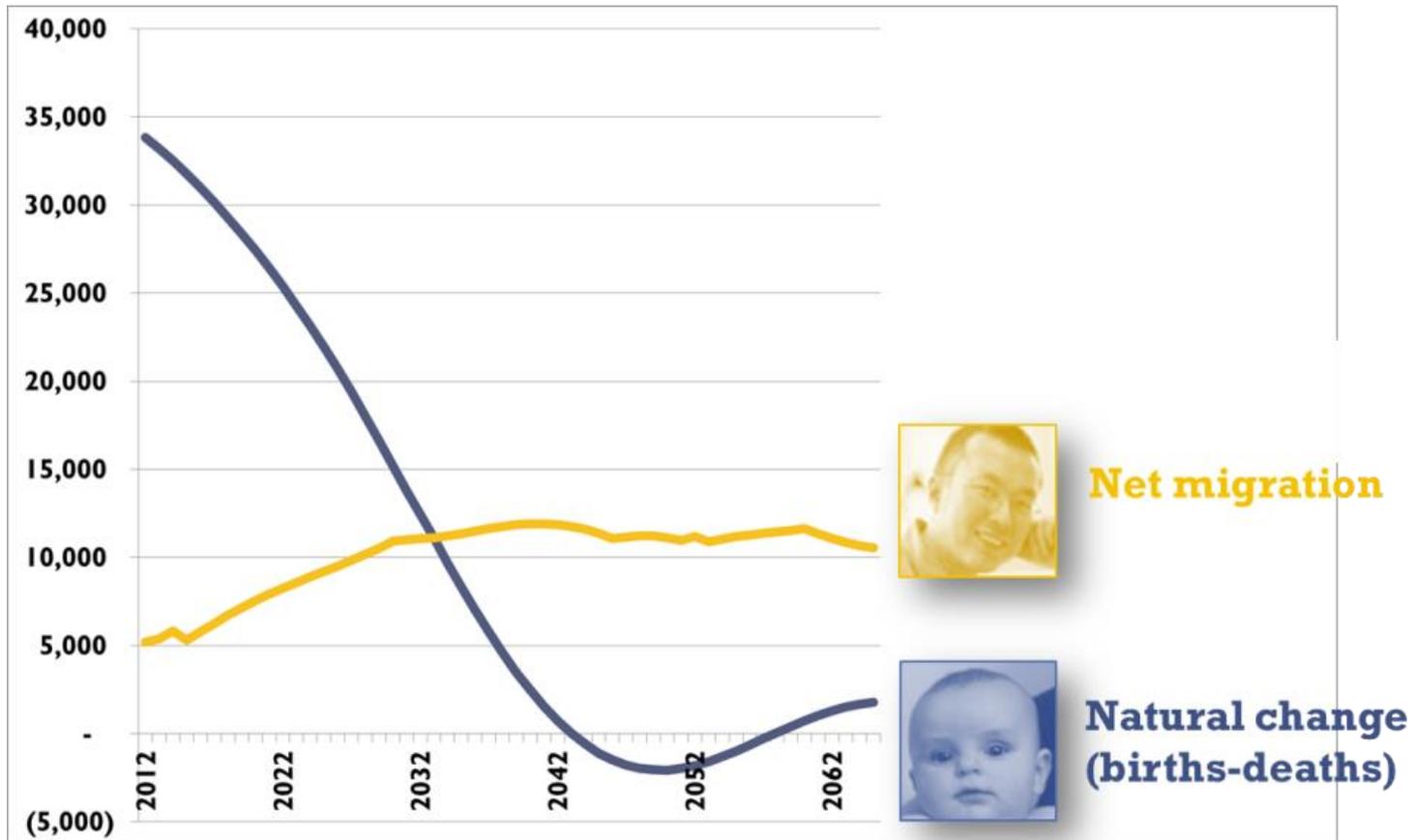
**7.5 MILLION**  
LEGAL IMMIGRANTS TO THE UNITED STATES FROM LATIN AMERICA AND ASIA, 2000-2009

**12.2 MILLION**  
PEAK NUMBER OF UNAUTHORIZED IMMIGRANTS IN THE UNITED STATES, 2007

**Note:** IRCA adjustments refer to the amnesty provisions of the Immigration Reform and Control Act of 1986, under which 2.7 million undocumented foreign U.S. residents obtained legal immigrant status.

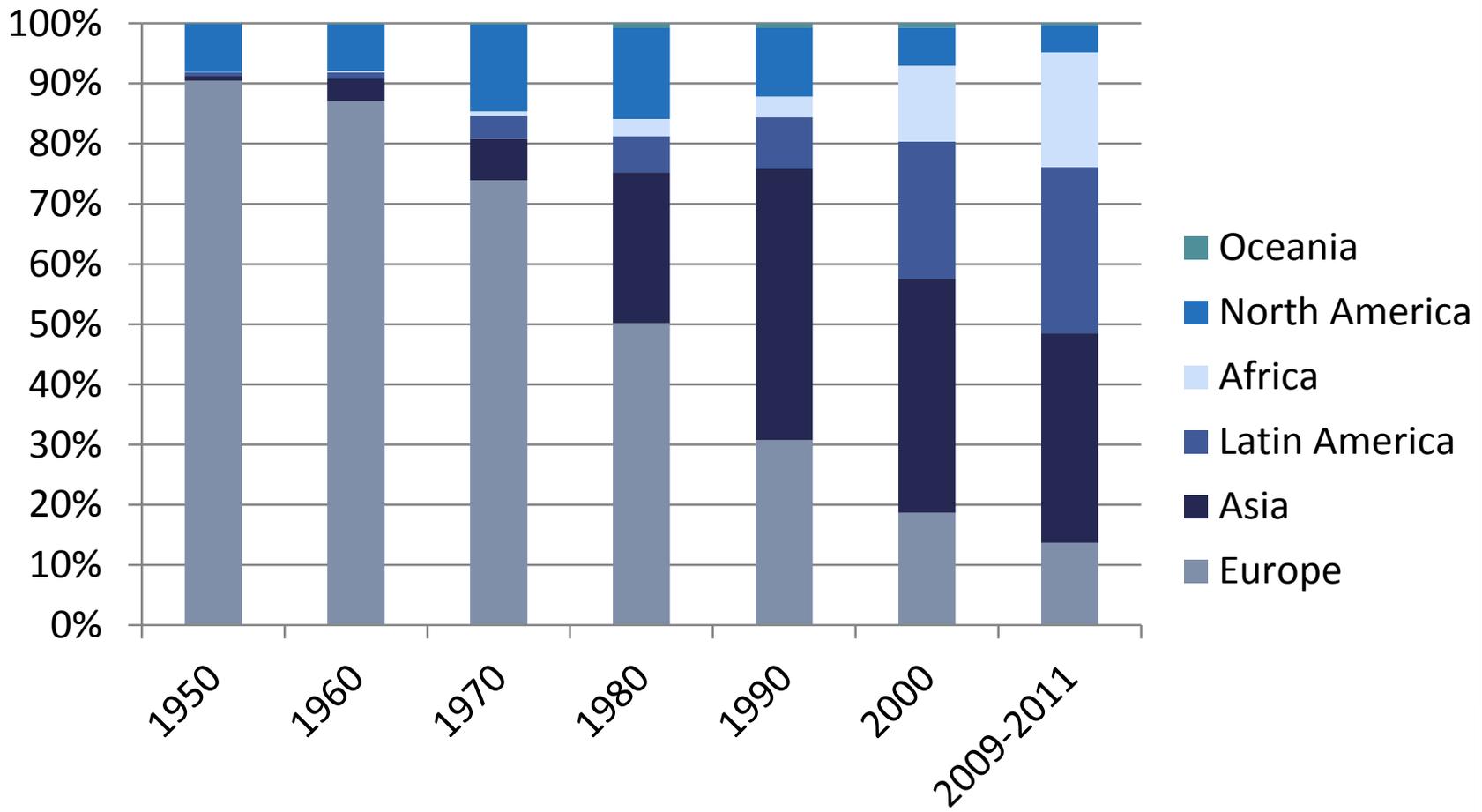
**Source:** U.S. Department of Homeland Security, *Yearbook of Immigration Statistics* (Washington, DC: U.S. Dept. of Homeland Security, 2012).

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



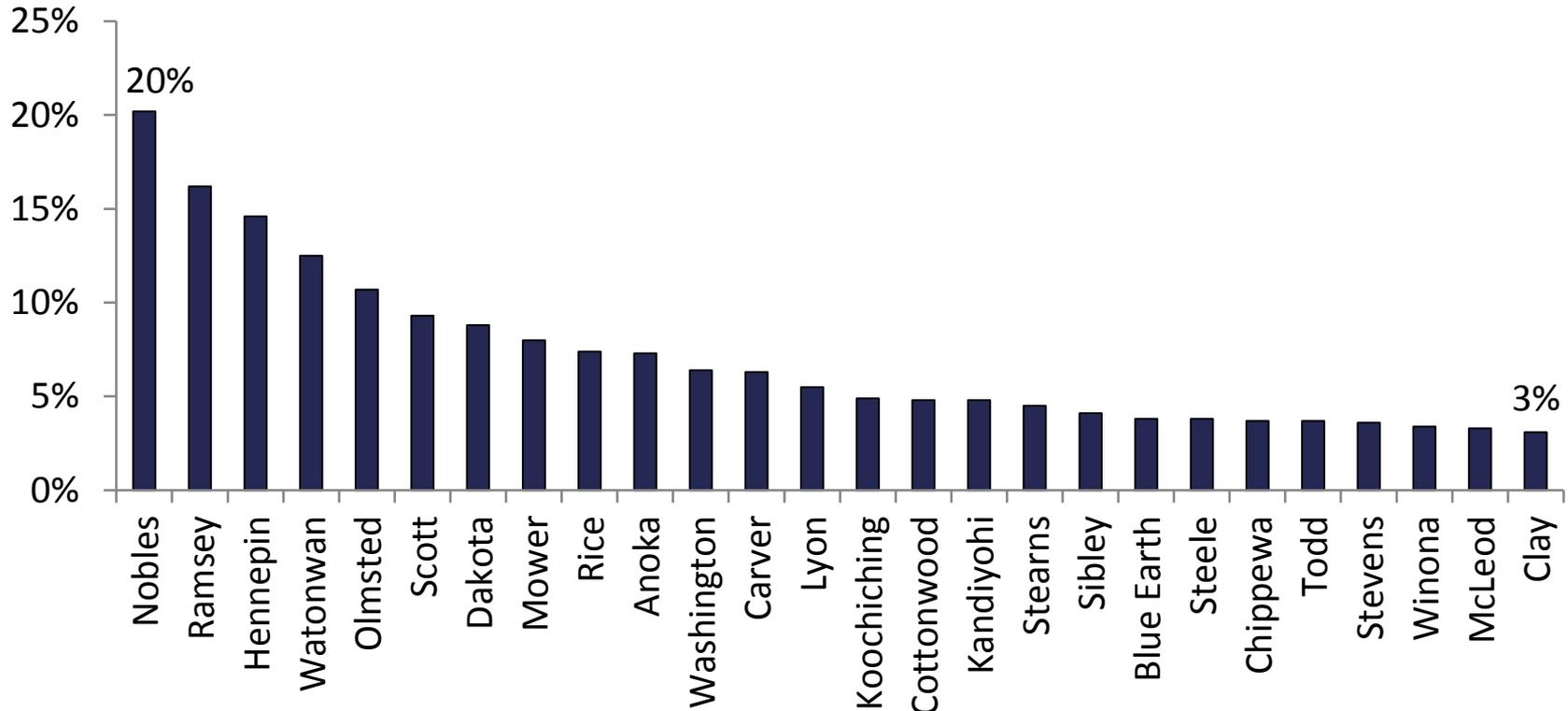
Source: State Demographic Center projections, U.S. Census Bureau data used as base population for projections

# + Our foreign-born population is becoming increasingly diverse



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

# Wide range of immigration patterns across MN

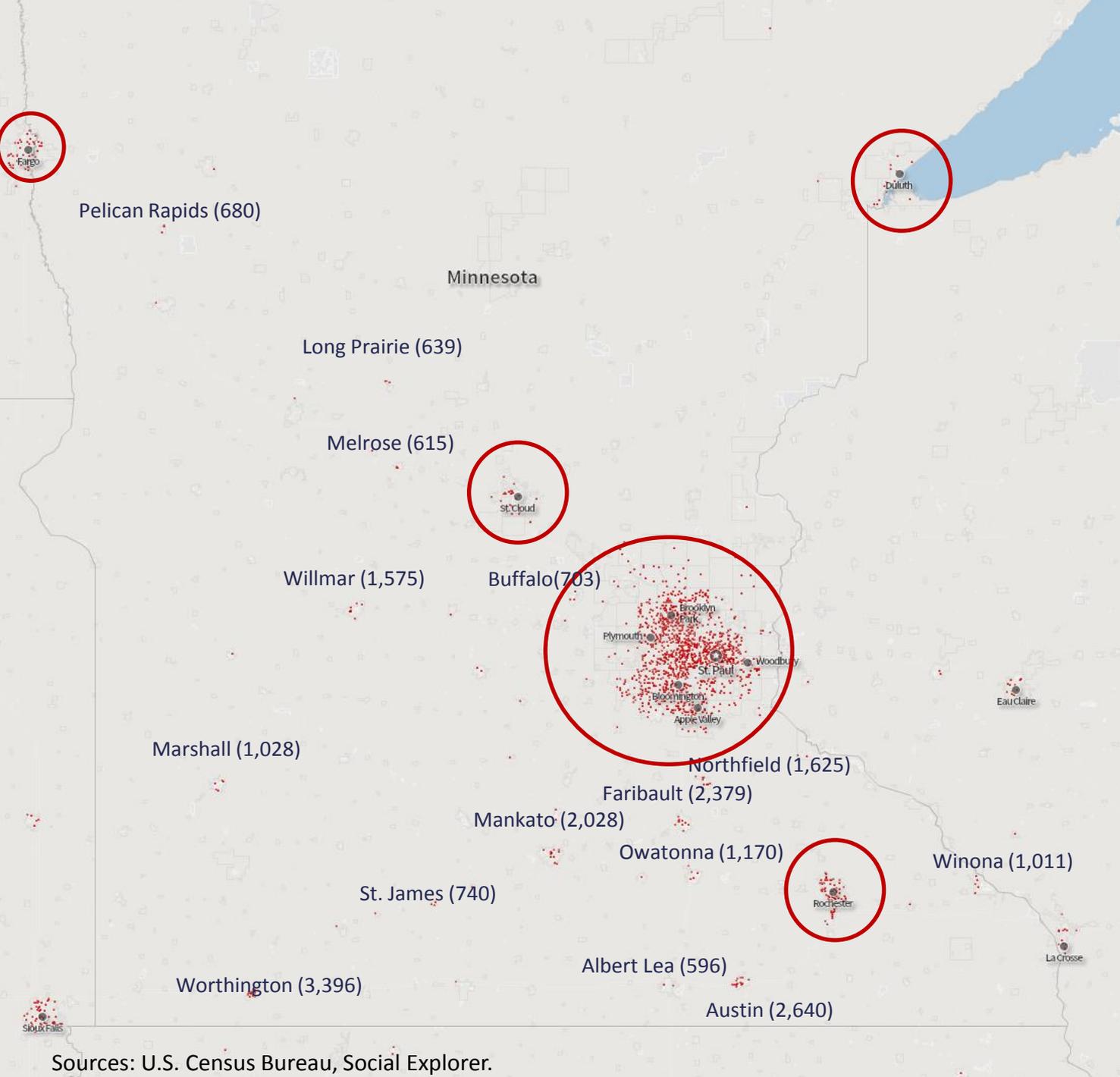


## Percent foreign-born in Greater MN Counties:

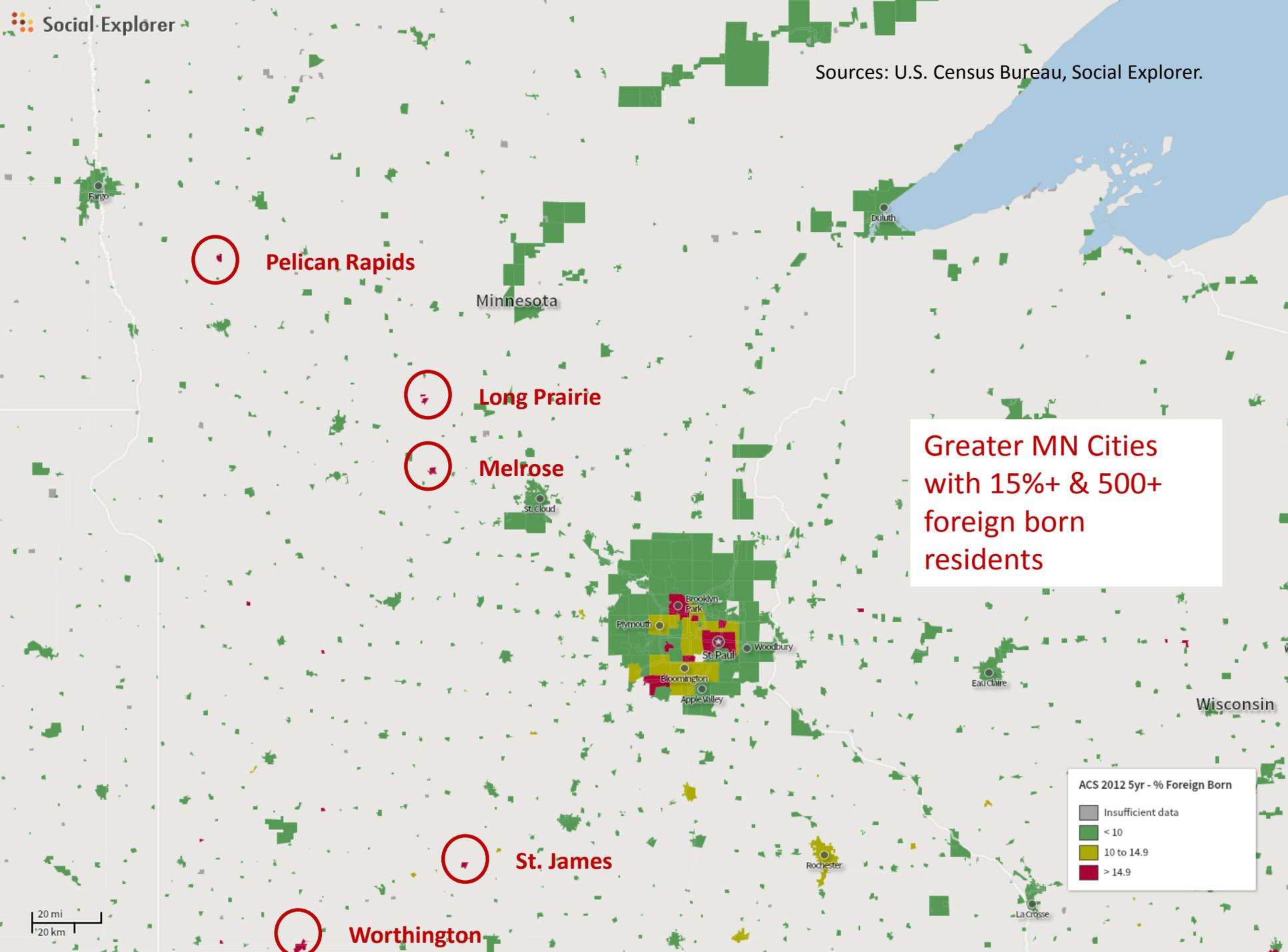
- **5 counties: > 10%**
- **21 counties: 3-10%**
- **61 counties: < 3%**

# Foreign-born in MN 2008-2012

● One dot = 500  
foreign-born  
residents



Sources: U.S. Census Bureau, Social Explorer.



Greater MN Cities  
with 15%+ & 500+  
foreign born  
residents

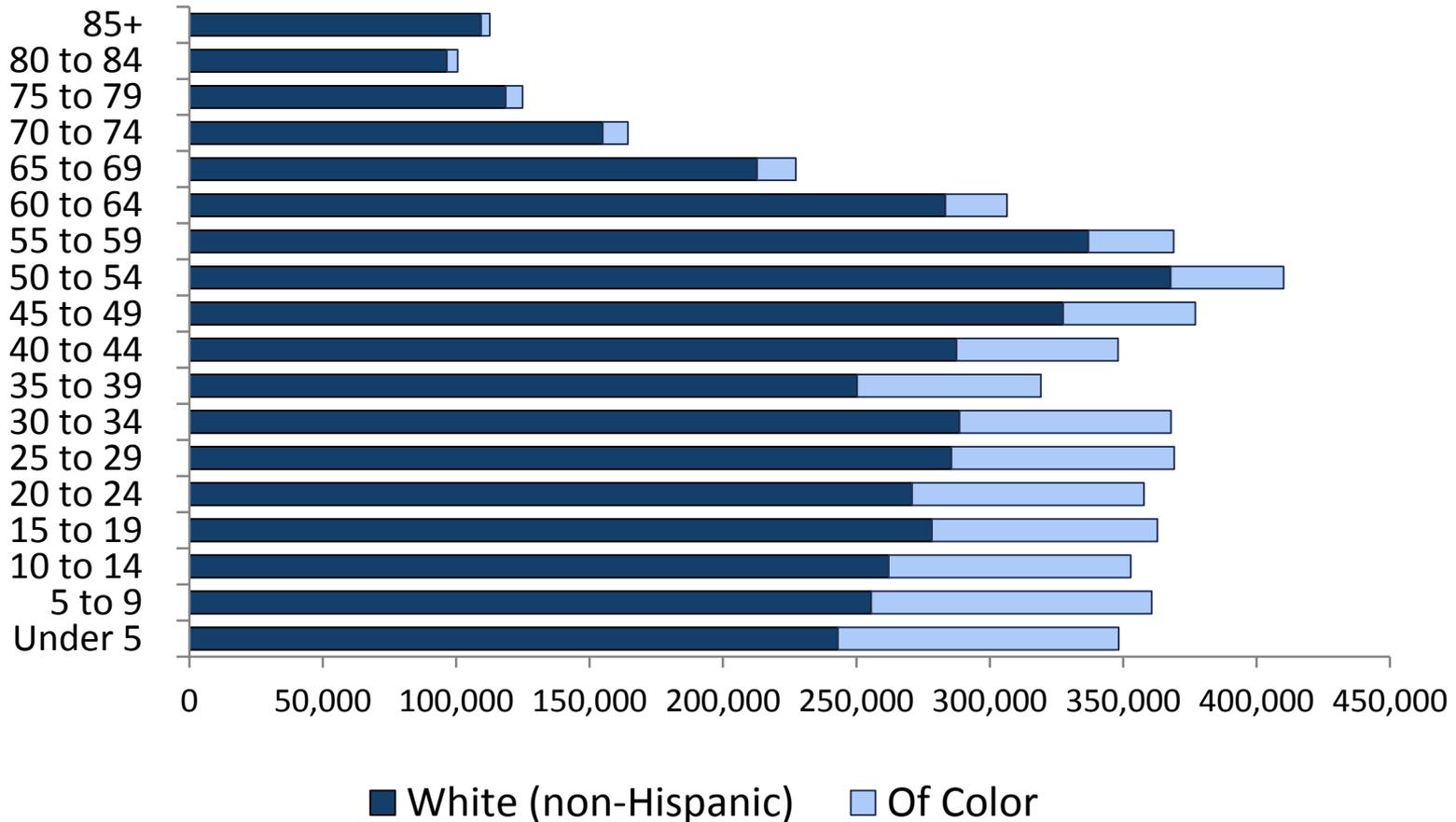
ACS 2012 5yr - % Foreign Born

- Insufficient data
- <10
- 10 to 14.9
- > 14.9

20 mi  
20 km

# Minnesota by race, 2012

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

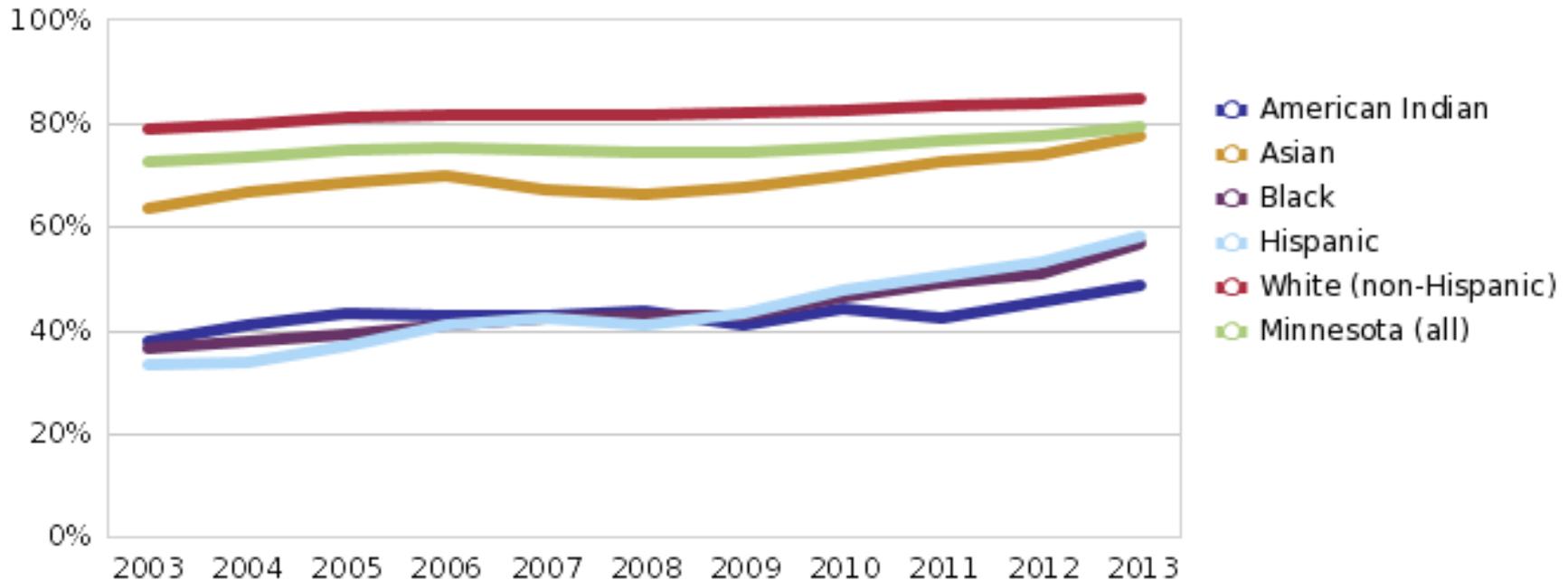


Source: 2012 Population Estimates, U.S. Census Bureau.

# Large gaps in educational achievement and attainment exist across racial groups

## High school students graduating on time by racial and ethnic group

Minnesota, 2003-2013



Source: Tabulated by MN Compass from Minnesota Department of Education data

# Considerations of demographic change

- Without immigration, population growth will slow
- States that do *slow growth* best will thrive
- States and firms that find and retain skilled workers will have the advantage

# Demographics will shape the future...but not completely determine it

## Policy responses include:

- Supporting worker **productivity** (Health, Education, Research & innovation, Infrastructure)
- Leaving no **worker**, no **entrepreneur** behind

# Minnesotans for the American Community Survey

<http://minnesotansforacs.org/>

The screenshot displays the website for 'Minnesotans for the American Community Survey' (MACS). At the top left is the logo, which features a map of Minnesota with a bar chart and a star, next to the text 'MACS Minnesotans for the American Community Survey'. Below the logo is a dark navigation bar with white text for 'HOME', 'ABOUT', 'ISSUES', 'ACS DATA AT WORK', 'ACT NOW', and 'SUPPORTERS', along with a search icon. The main content area features a large image of a '2010 NOTICE OF VISIT' document. A dark banner with white text 'Minnesotans for the American Community Survey' is overlaid on the image. Below the image, there are three columns of text. The first column has a heading '“I cannot imagine an ACS with just five questions”: An invite to the ACS Feedback Form' and a short paragraph. The second column has a heading 'Minnesotans Appreciate the Importance of the American Community Survey' and a short paragraph. The third column has a heading 'RECENT POSTS' and two entries, each with a heading and a short paragraph. At the bottom of each column is a date and view count.

**MACS**  
Minnesotans for the American Community Survey

HOME ABOUT ISSUES ACS DATA AT WORK ACT NOW SUPPORTERS

2010 NOTICE OF VISIT

Minnesotans for the American Community Survey

Sorry I missed you.  
The Census Bureau is conducting the 2010 Census. I stepped out today to complete a census interview for your household, but you were not home. Please telephone me to discuss when we can complete this interview – it generally takes about 10 minutes. Otherwise, I'll stop back in the next day or two.  
... confidential. This means the Census Bureau cannot ... you or your household. Federal law ... United States

**“I cannot imagine an ACS with just five questions”: An invite to the ACS Feedback Form**

The Census's American Community Survey (ACS) provides a detailed and comprehensive look at the nation's population and housing – and local population and housing – informed by continuous survey data...

June 24, 2014 | Uncategorized | 0 comments | 87 views

**Minnesotans Appreciate the Importance of the American Community Survey**

By Tim Olson, Respondent Advocate at the U.S. Census Bureau - I am continually amazed at how many people complete the American Community Survey (ACS), particularly Minnesotans. As you probably...

June 17, 2014 | News | 281 views

RECENT POSTS

“I cannot imagine an ACS with just five questions”: An invite to the ACS Feedback Form

Minnesotans Appreciate the Importance of the American Community Survey



## Minnesota State Demographic Center

**Stay tuned, keep in touch.**

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**Twitter: @MN\_StateData**