



Minnesota State Demographic Center

# Demographic Changes Transforming Minnesota

**Presentation at the Many Faces of Community  
Health conference**

**Andi Egbert, Assistant Director, MN State Demographic Center  
October 21, 2015 | Minnetonka, MN**

Website: [mn.gov/demography](http://mn.gov/demography) | Twitter: @MN\_StateData





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

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- Serve as a liaison to the Census Bureau and assist with the decennial census counts
- Create MN population estimates and projections
- Analyze, interpret and distribute data from the 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



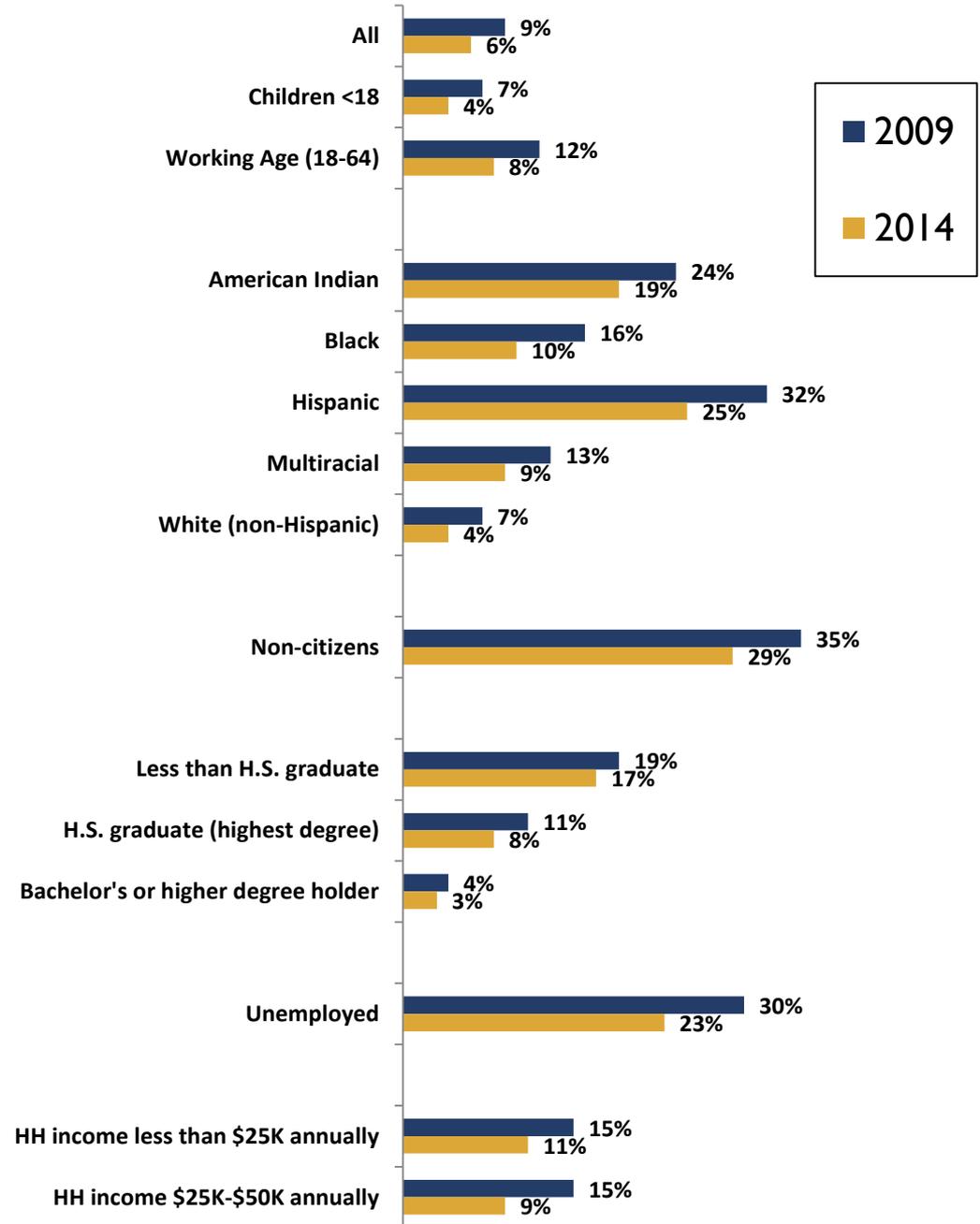
# Findings from the + 2014 American Community Survey

Released September 2015



# Percent uninsured in MN: dramatic declines across all groups in past 5 years

- Impact of ACA provisions.
- Number uninsured fell by 156,000 in 5 years (123,000 in past year). Now about 317,000 uninsured Minnesotans remain.



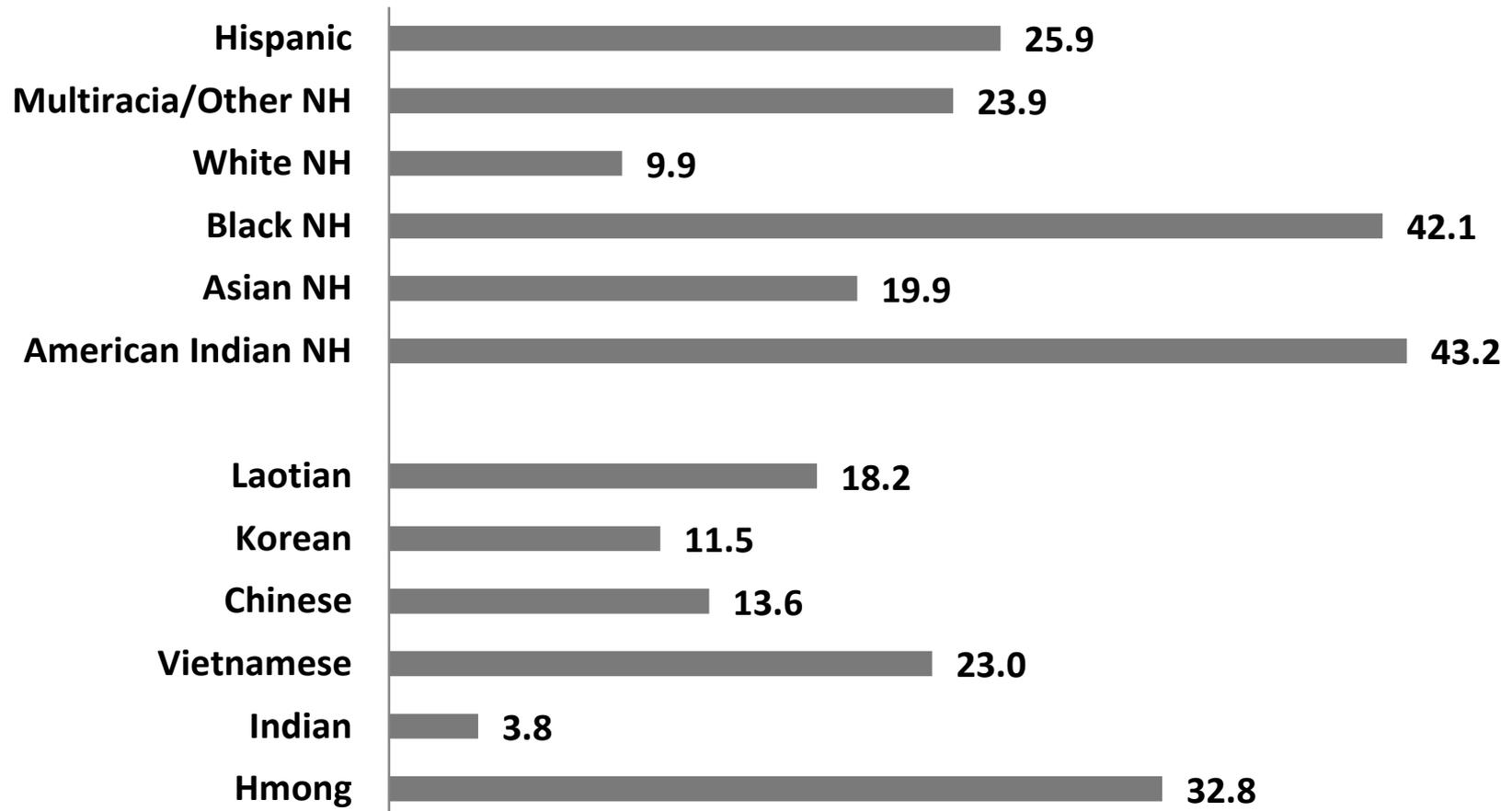


# MN overall poverty, household income unchanged from 2013-2014

- Median household income, at \$61,500 in 2014, was statistically unchanged from the 2013 figure.
- Minnesota's overall poverty rate was 11.5% in 2014, statistically unchanged from the prior year.
- About 611,000 Minnesotans, including 189,000 children under 18 and 56,000 older adults (65+), lived in households with annual income below the federal poverty threshold (about \$24,200 for a family of four) in 2014.
- Despite growth in their rates of employment, data for some populations of color continued to show widespread economic insecurity.
  - More than 4 in 10 Black and American Indian children in Minnesota lived in poverty in 2014, as well as 3 in 10 Hispanic children.

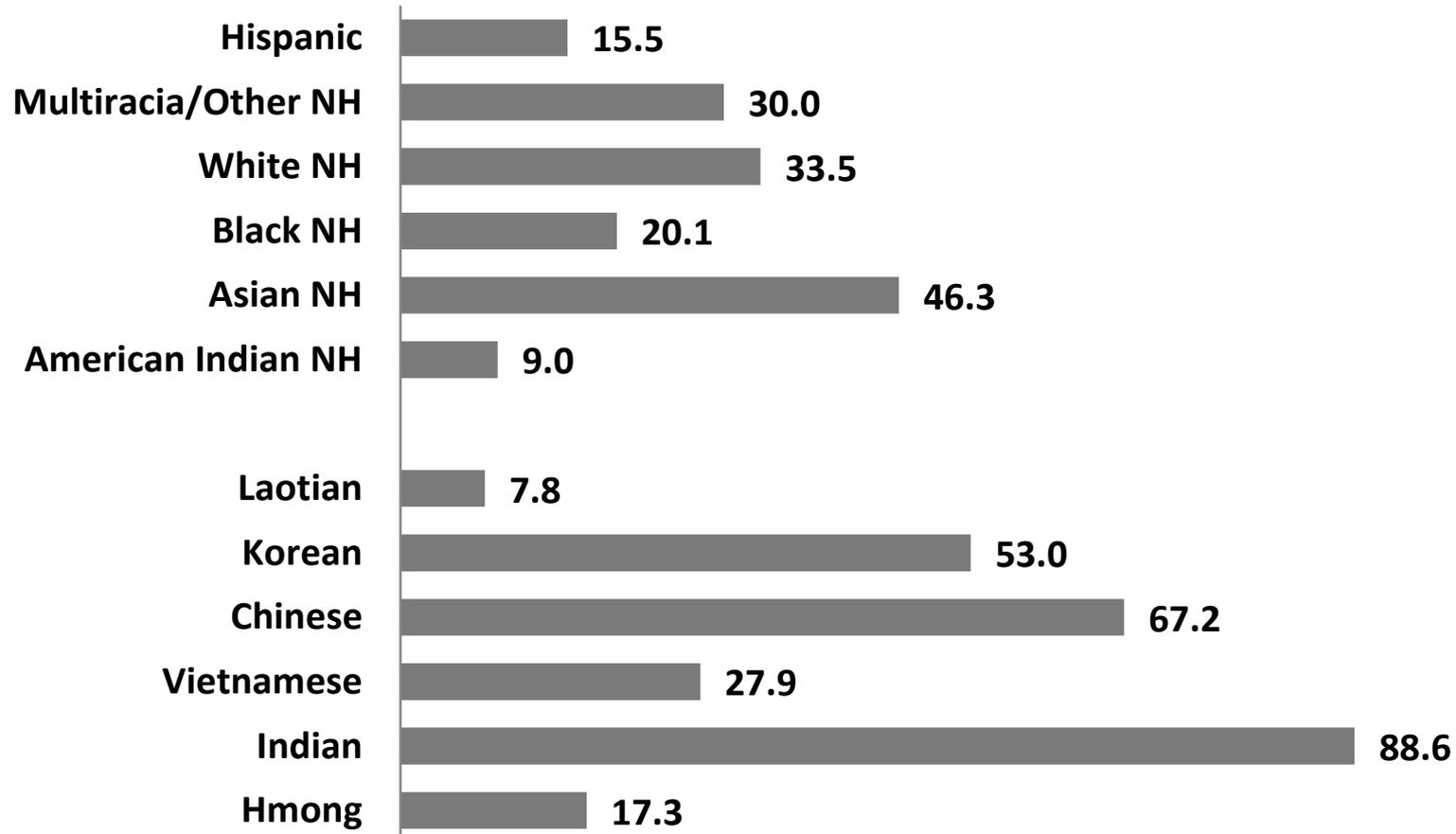


# Percent in poverty by race/ancestry Minnesota, 2010-2012



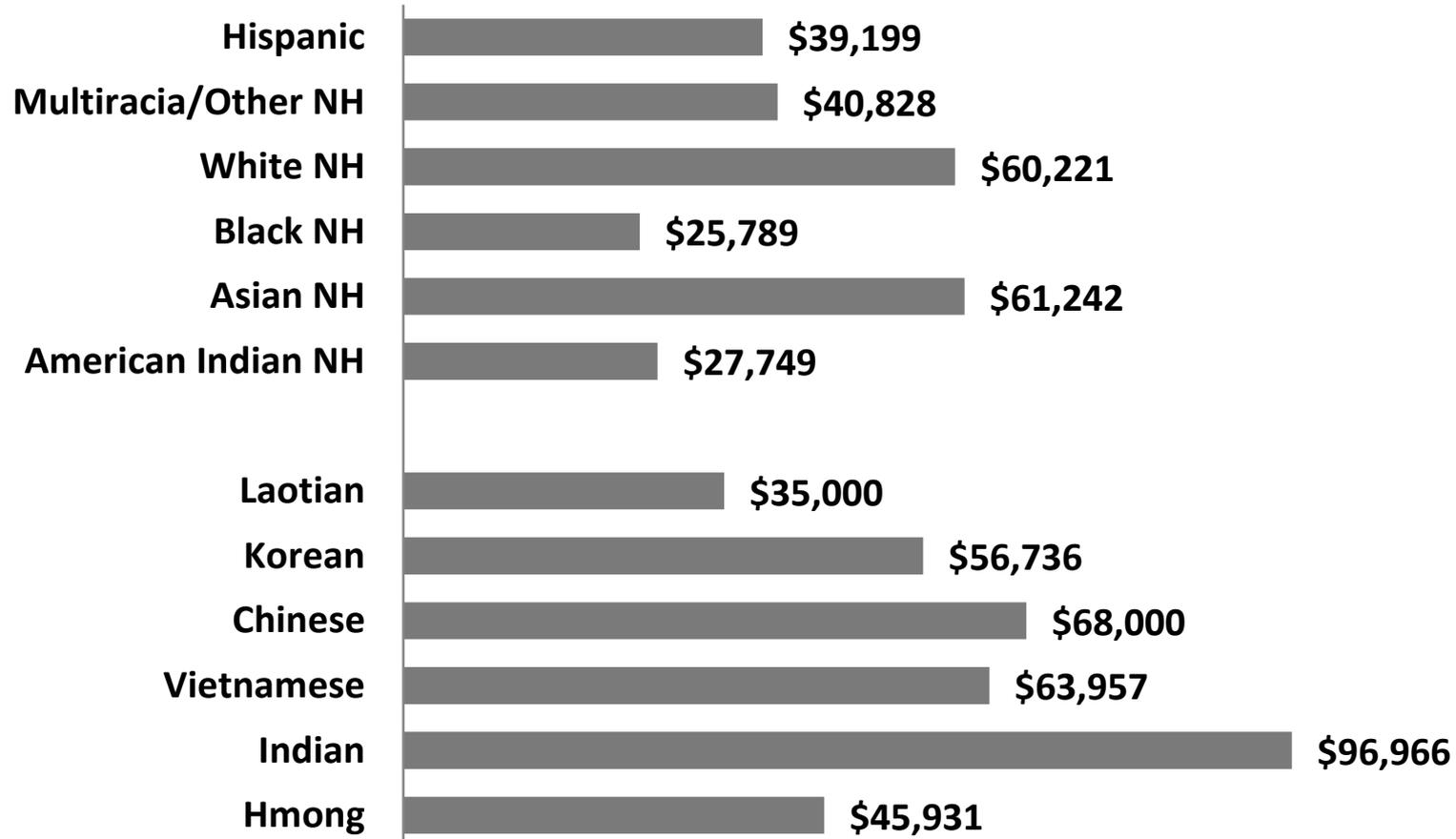


# Percent with bachelor's degree or higher (25+), Minnesota, 2010-2012





# Median household income Minnesota, 2010-2012



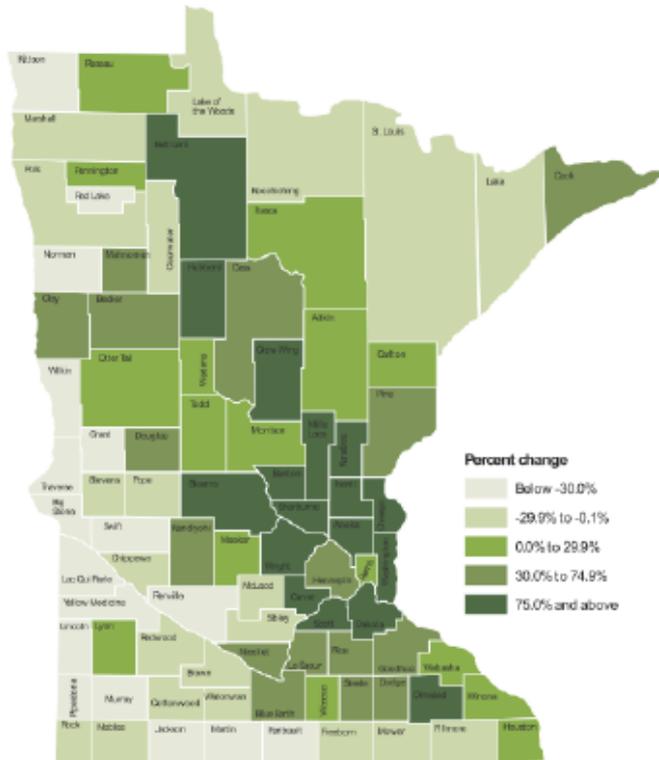


# Population Shifts



# The long, historic view... population change since 1960

## Long-term population change, 1960-2013

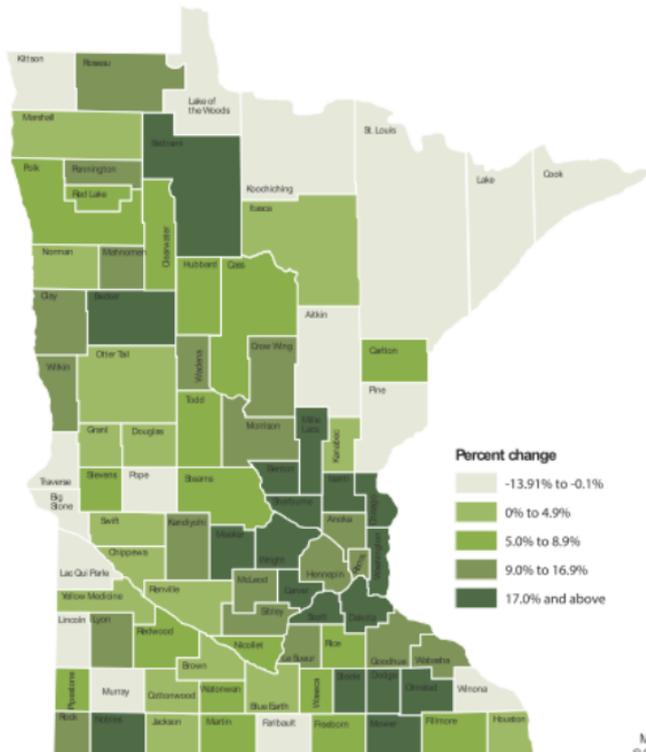


Data source:  
U.S. Census Bureau,  
Population Estimate Program  
©Center for Rural Policy and Development



# Our county-level population projections through 2045

## Projected population change, 2010-2045

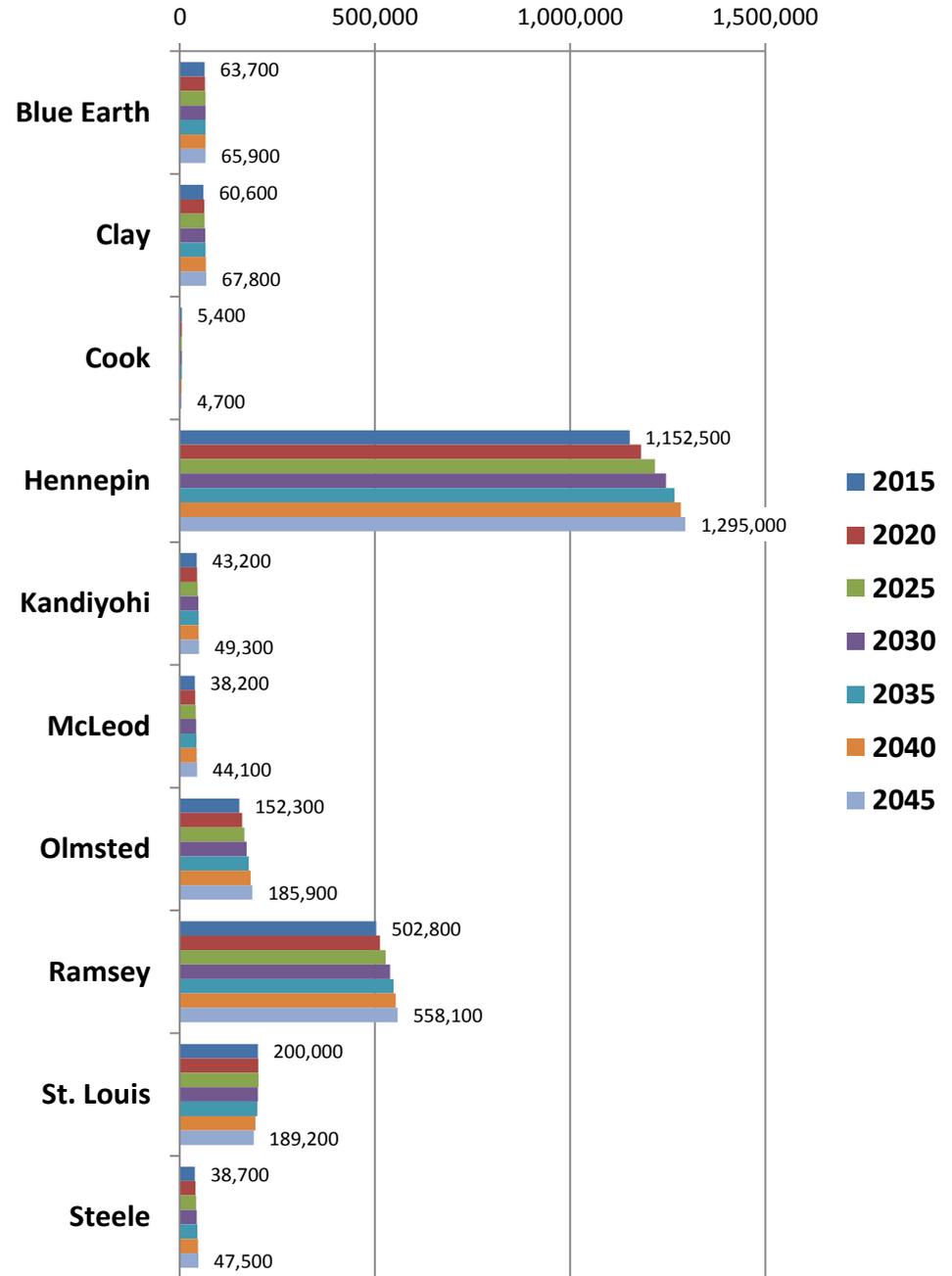


**Only 15 counties expected to decline in population**

Data source:  
Minnesota State Demographic Center  
© Center for Rural Policy and Development



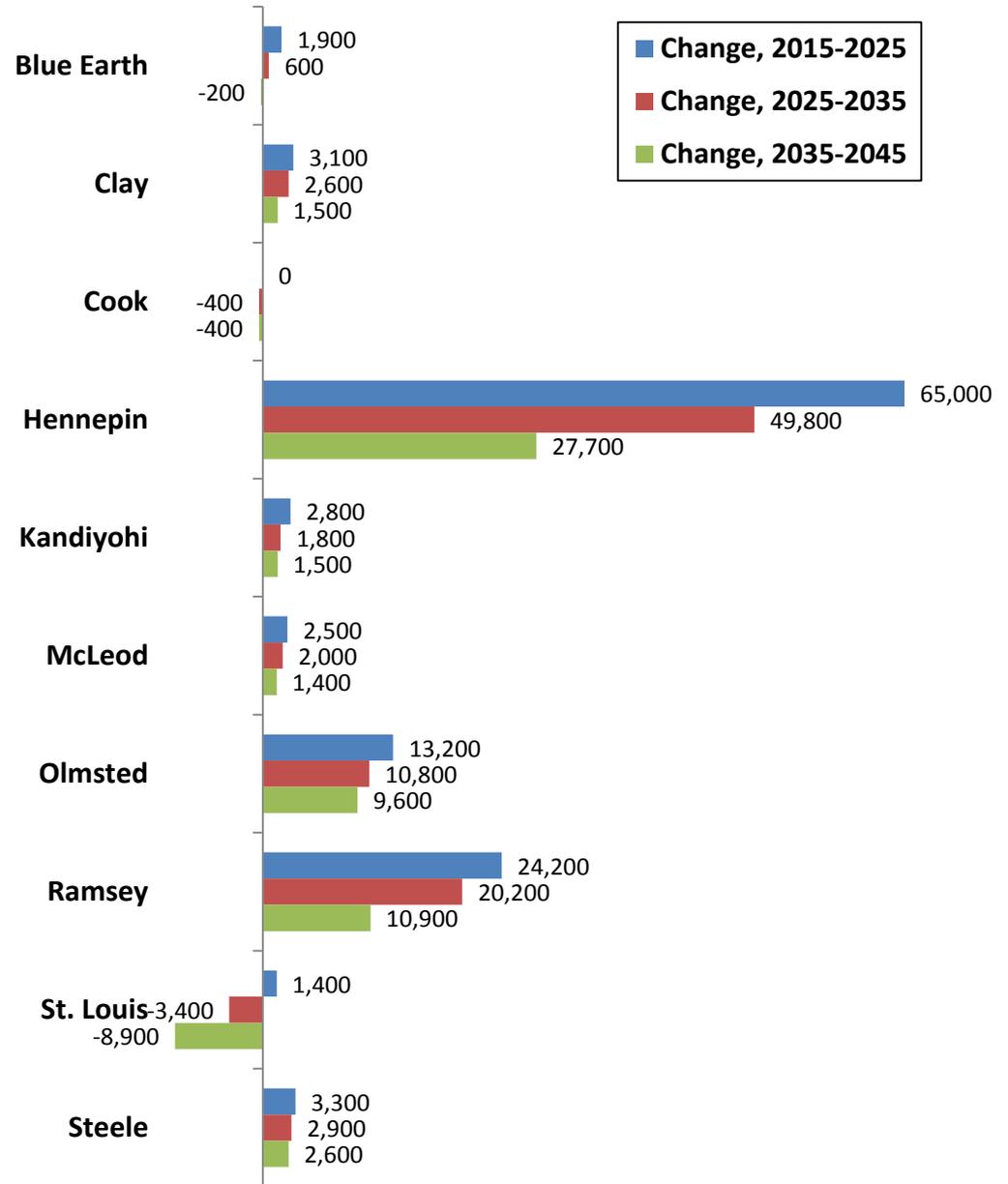
# Our projections for counties with FQHCs





# Our projections for counties with FQHCs

Decade by decade change anticipated





# QUIZ QUESTION

Where do 1 in 5 of Minnesota's residents live?



- A. The 7-county Twin Cities metro
- B. Otter Tail County
- C. Hennepin County



# Counties are not comparable units for measurement!

5 largest MN counties in 2014:

- 1. Hennepin (1.2M residents, 22% of state)**
  2. Ramsey (530K, 10% of state)
  3. Dakota (412K, 8% of state)
  4. Anoka (343K, 6% of state)
  5. Washington (249K, 5% of state)
- Everywhere else (2.7M, 50% of state)



# Minnesota's 65+ population in 2014 (About 780,000 total residents)

6 largest MN counties by 65+ residents in 2014:

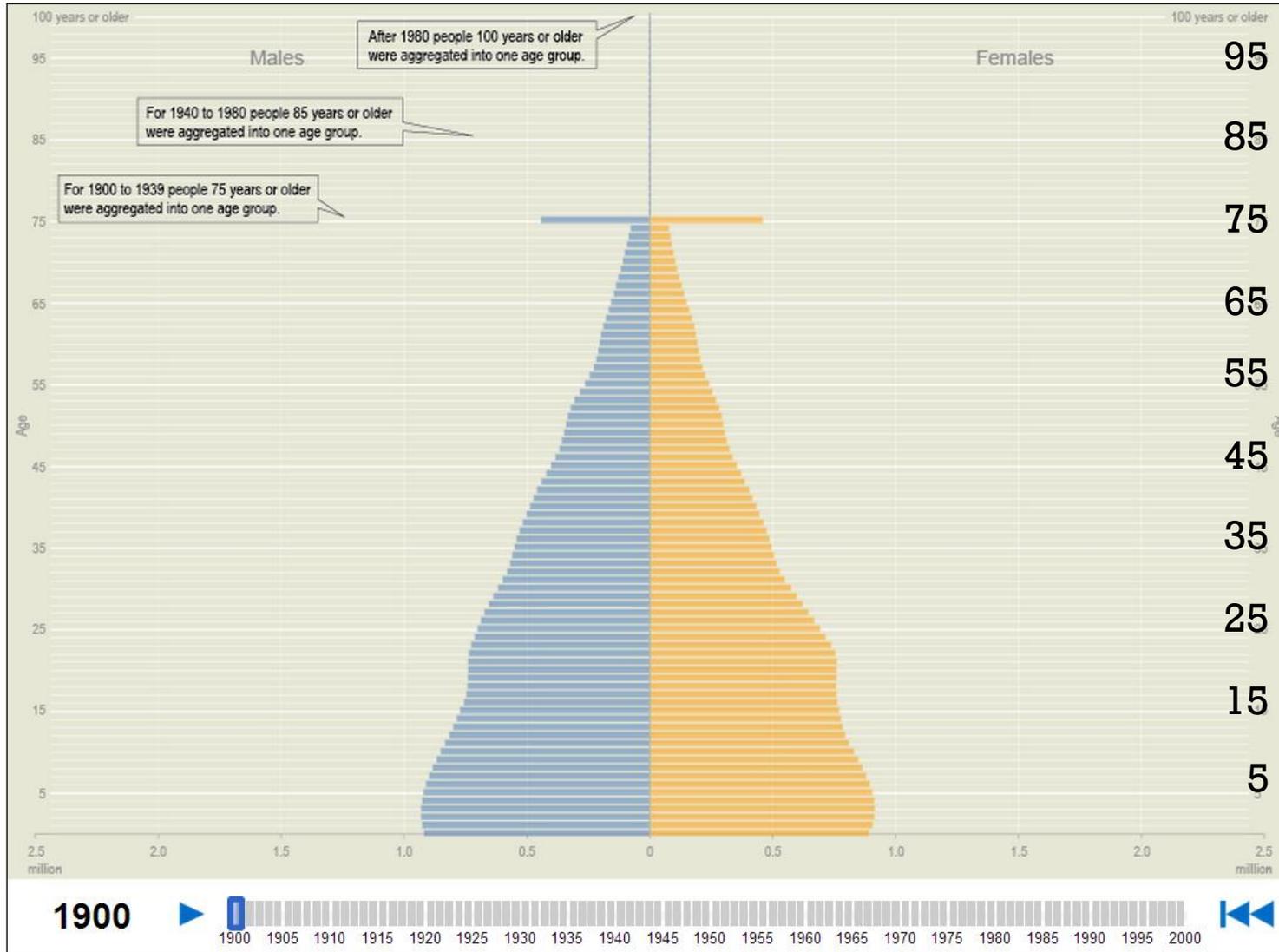
- 1. Hennepin (150,000 residents, 19% of state's 65+ population)**
  2. Ramsey (69,000 residents, 9% of state)
  3. Dakota (50,000 residents, 6% of state)
  4. Anoka (41,000 residents, 5% of state)
  5. St. Louis (35,000 residents, 4% of state)
  6. Washington (32,000, 4% of state)
- Everywhere else (402,000 residents, 52% of state)

# Aging trends



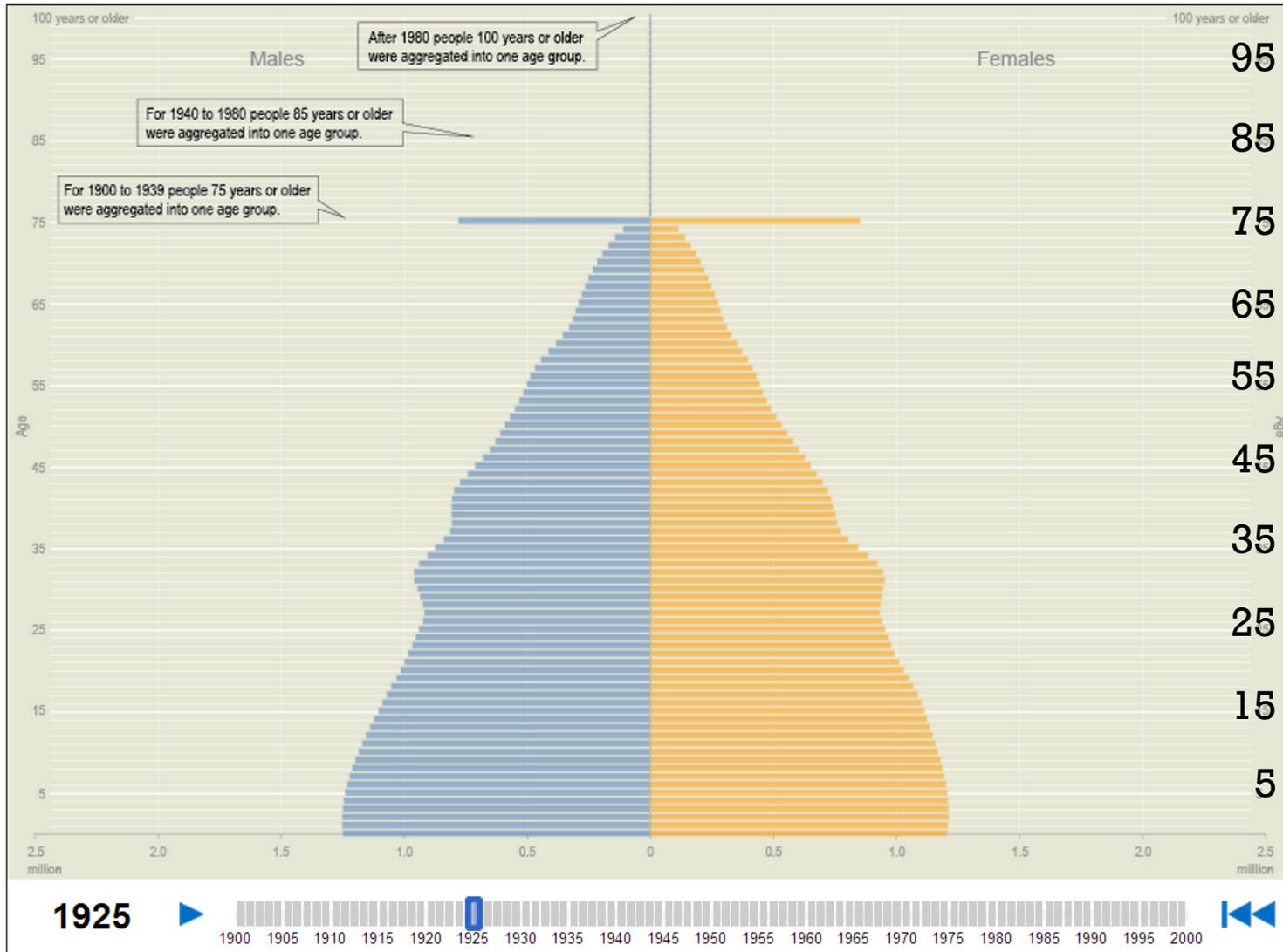


# The nation in 1900



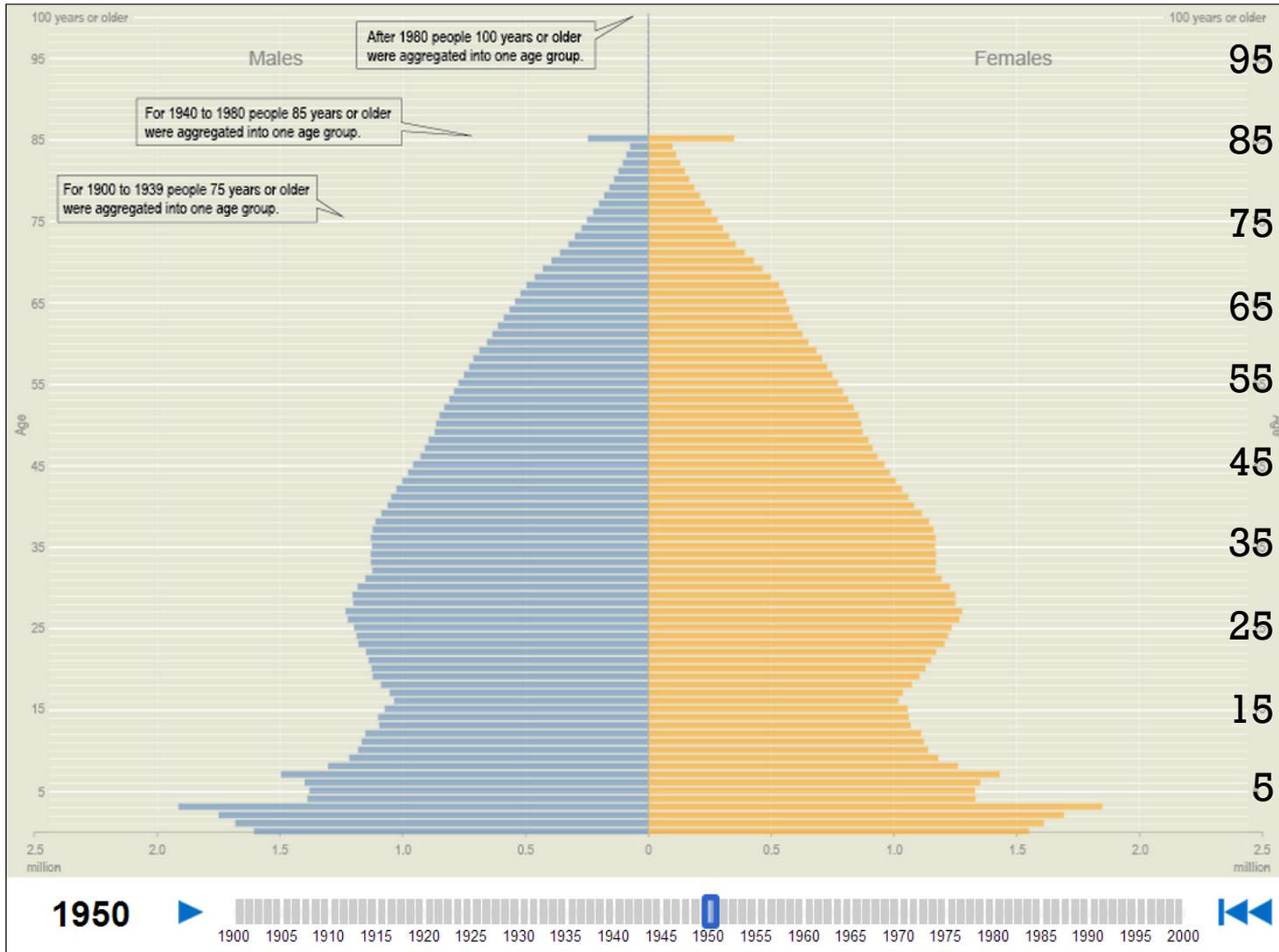


# The nation in 1925



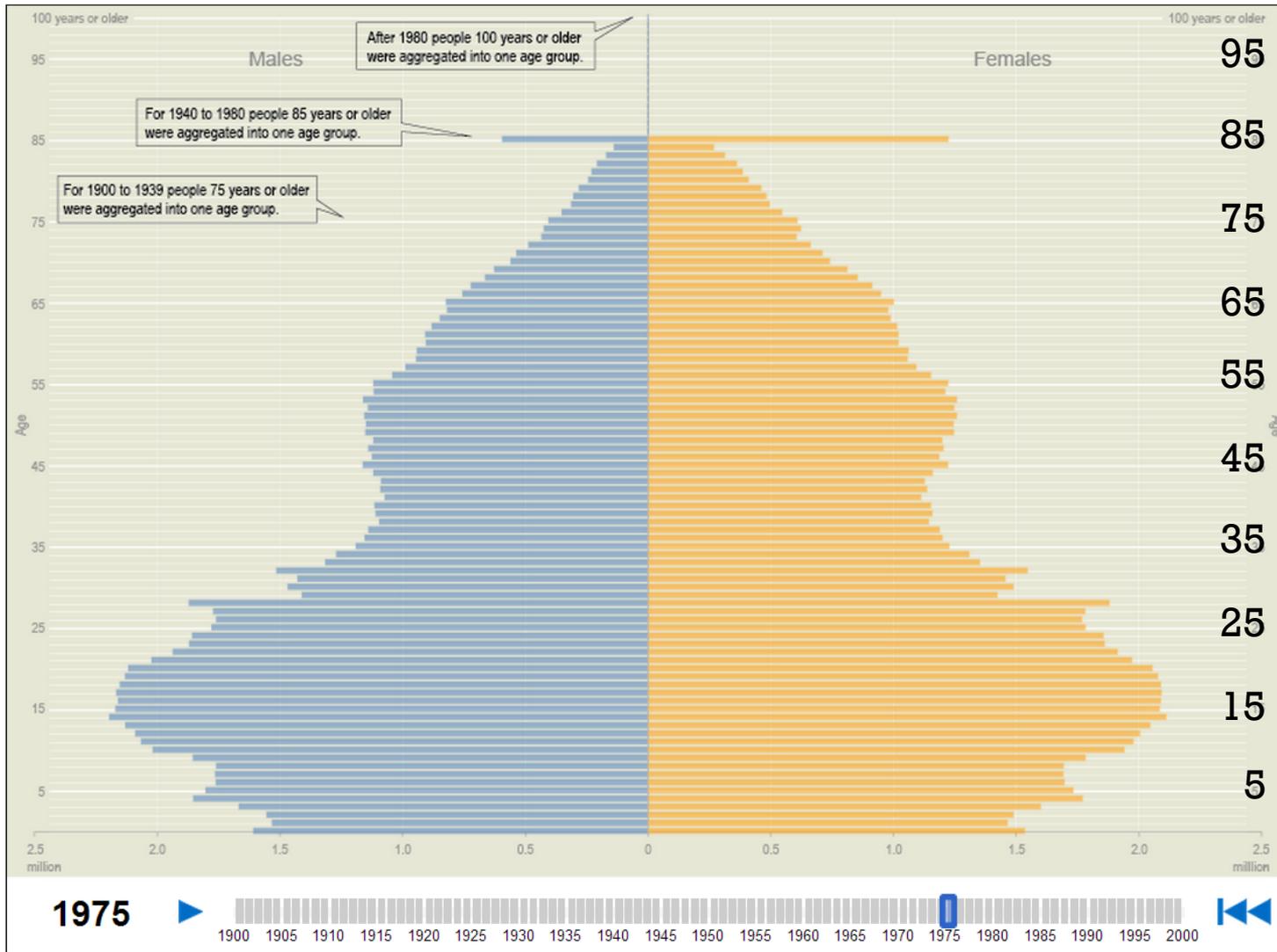


# The nation in 1950



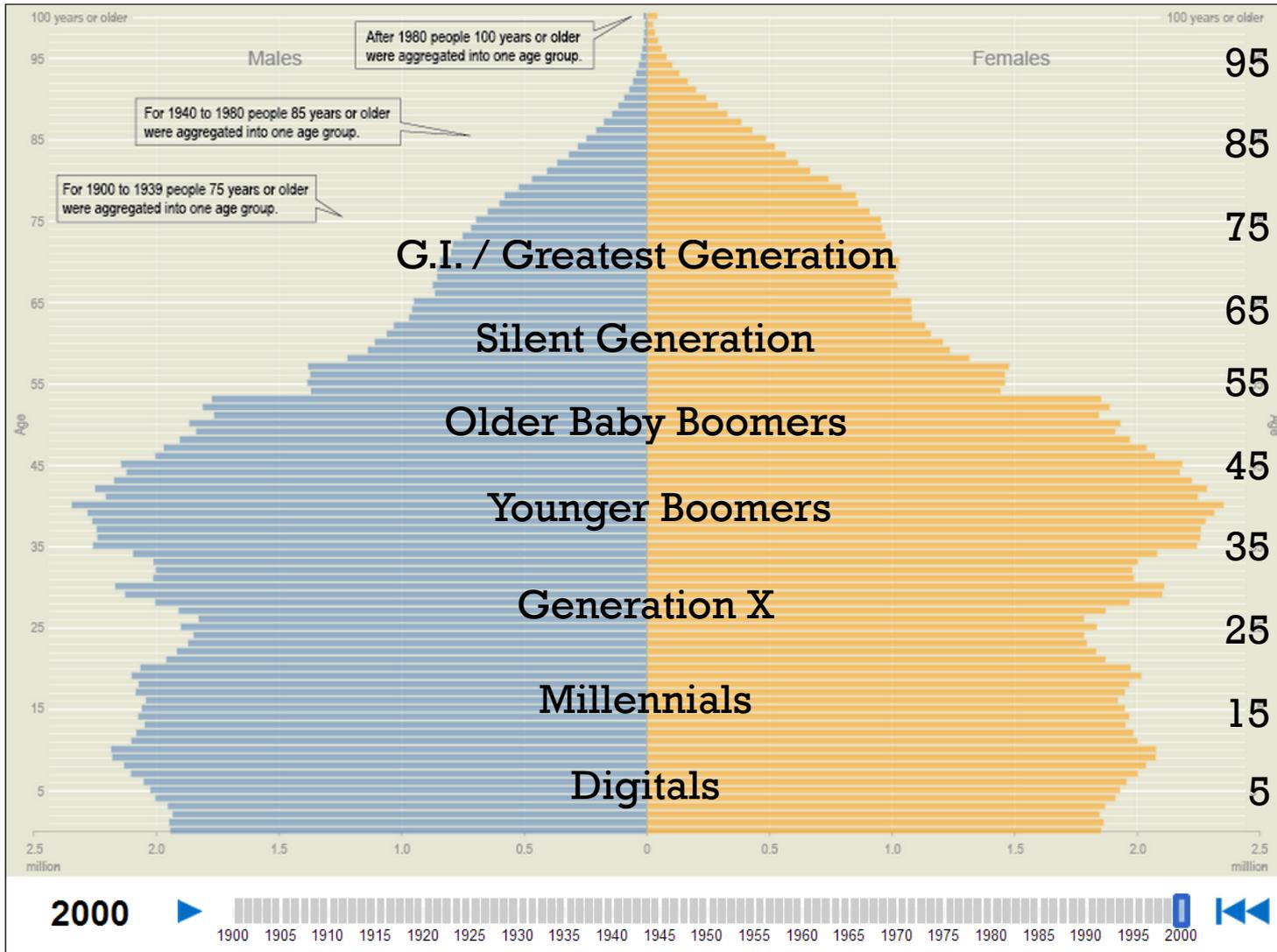


# The nation in 1975



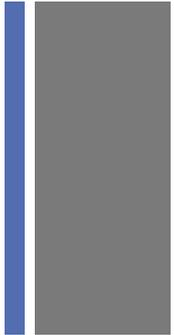


# The nation in 2000

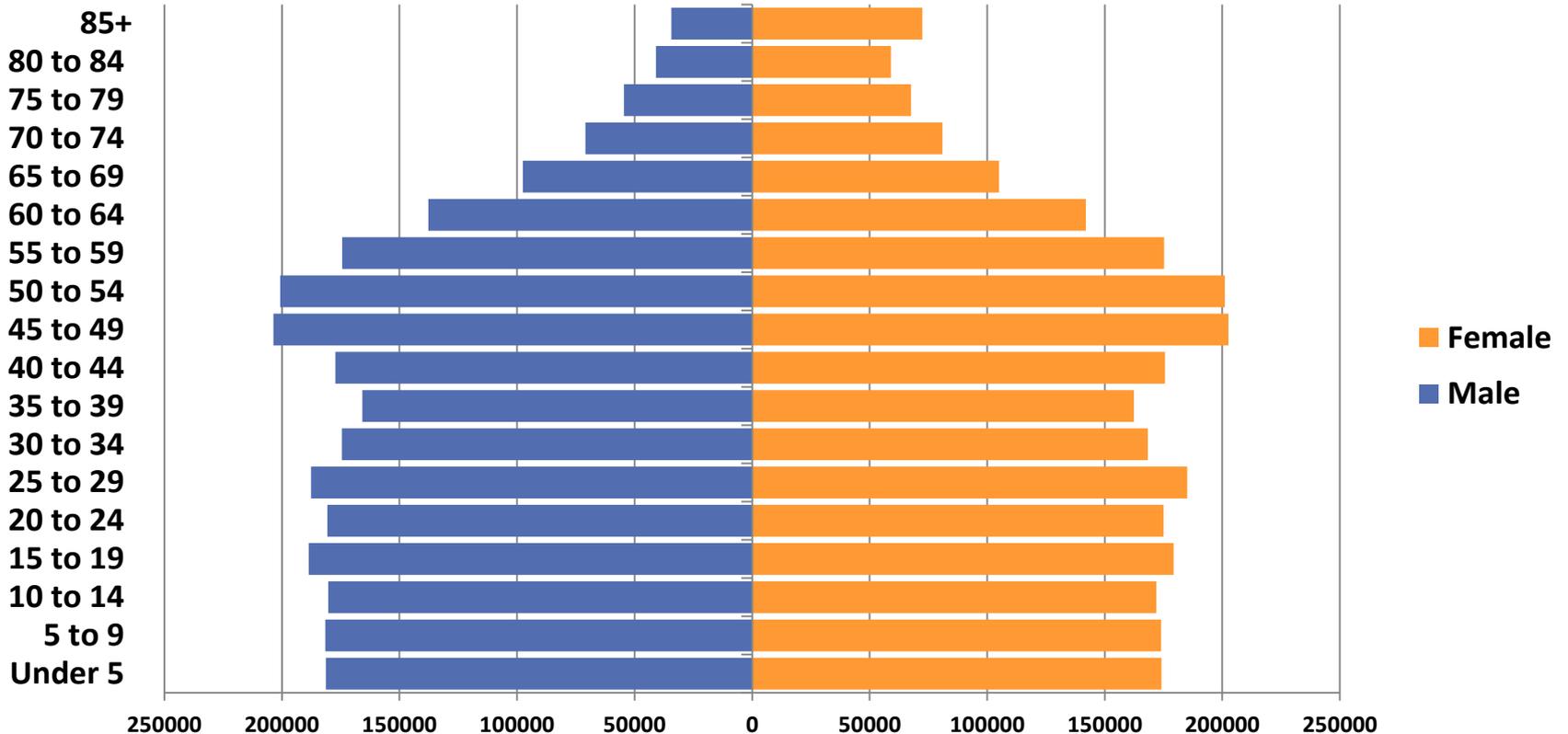




# Minnesota total population in 5-year bars, 2010 decennial census

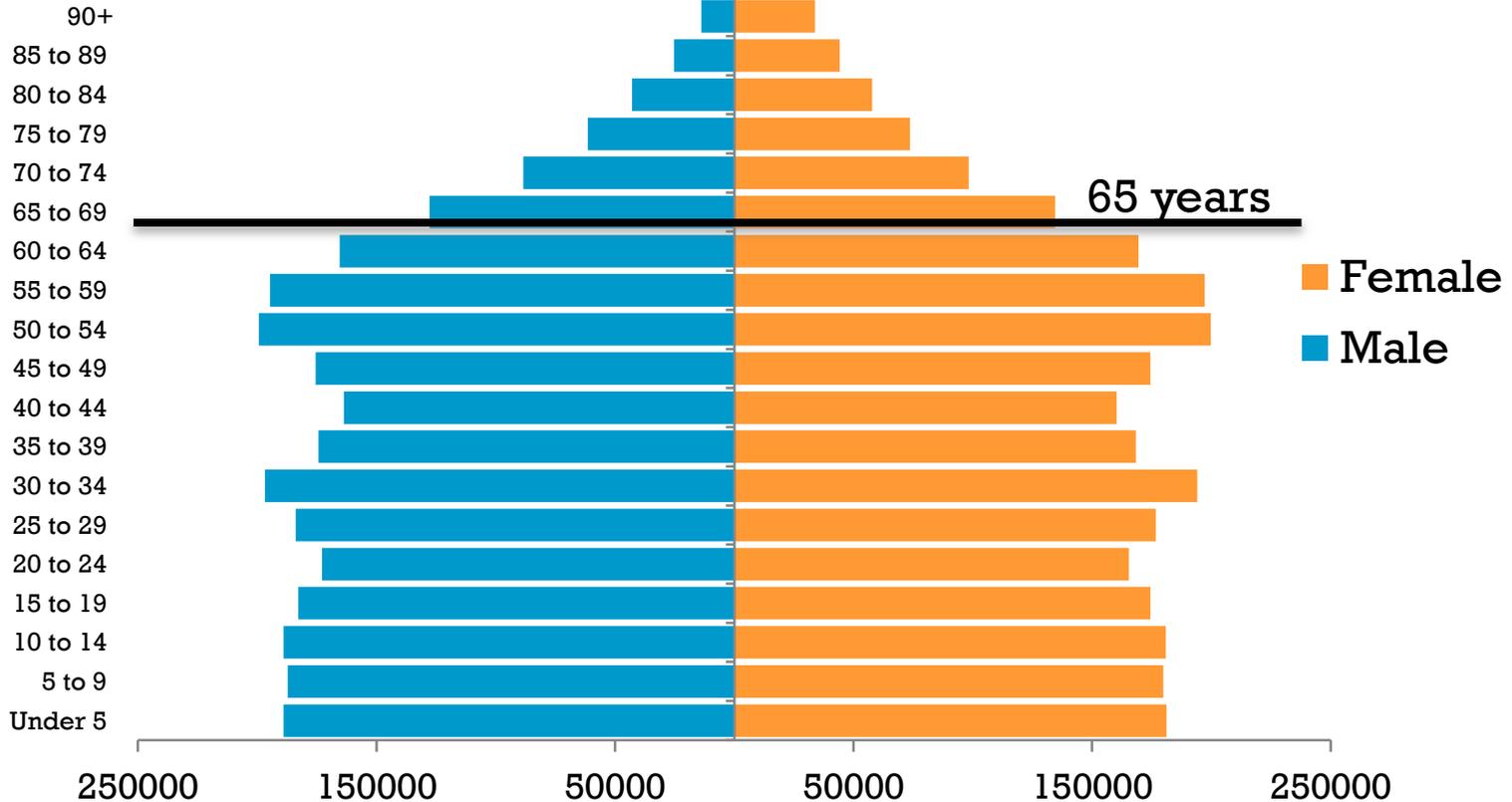


Population by age and sex  
Minnesota, 2010



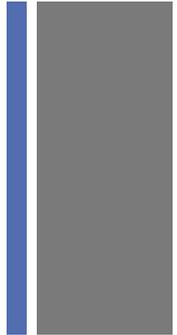
# + What Minnesota looks like... this year (2015)

## MN population by age and sex, 2015

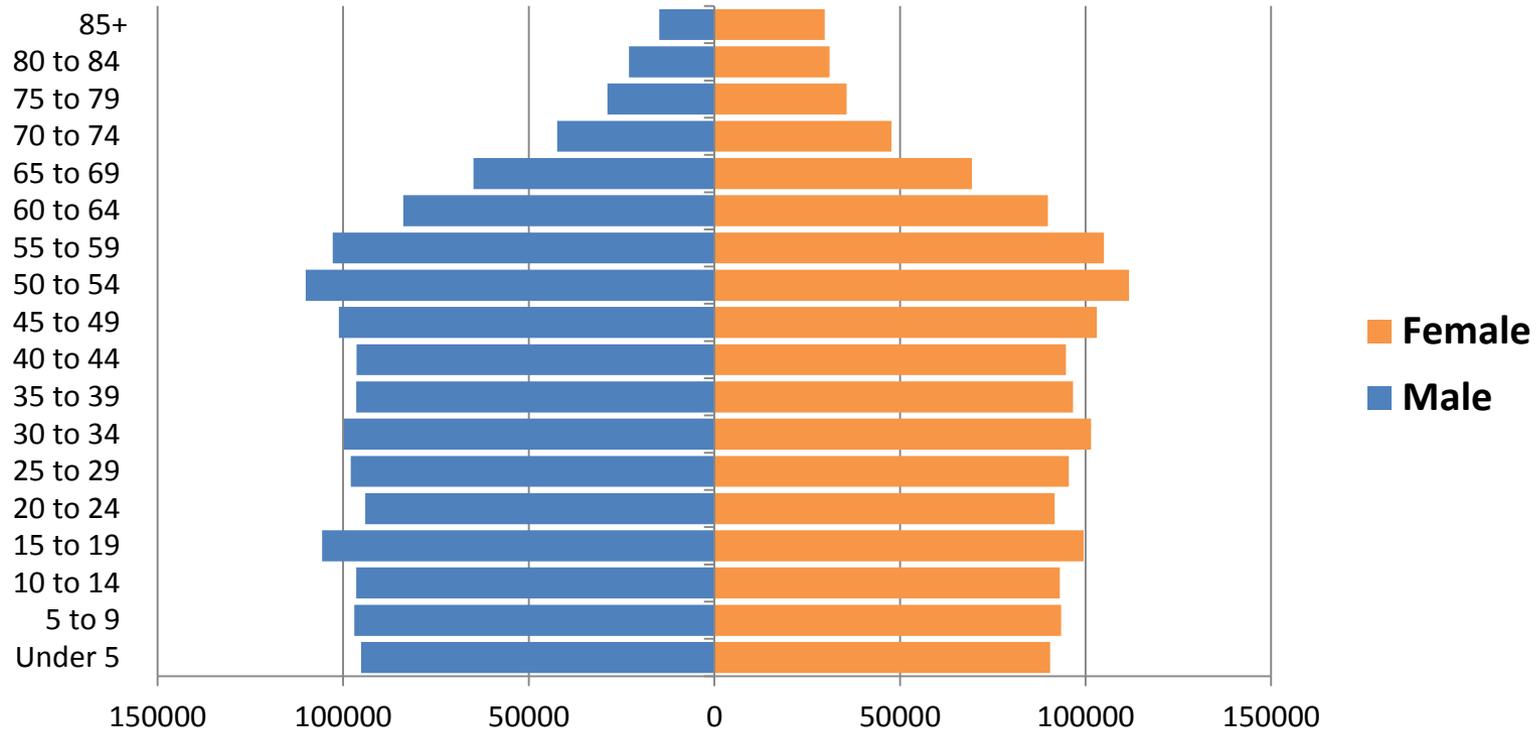




# What the Twin Cities 7-county metro looks like... **this year**

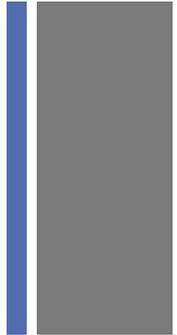


**Population by age and sex**  
7-county Twin Cities metro, 2015

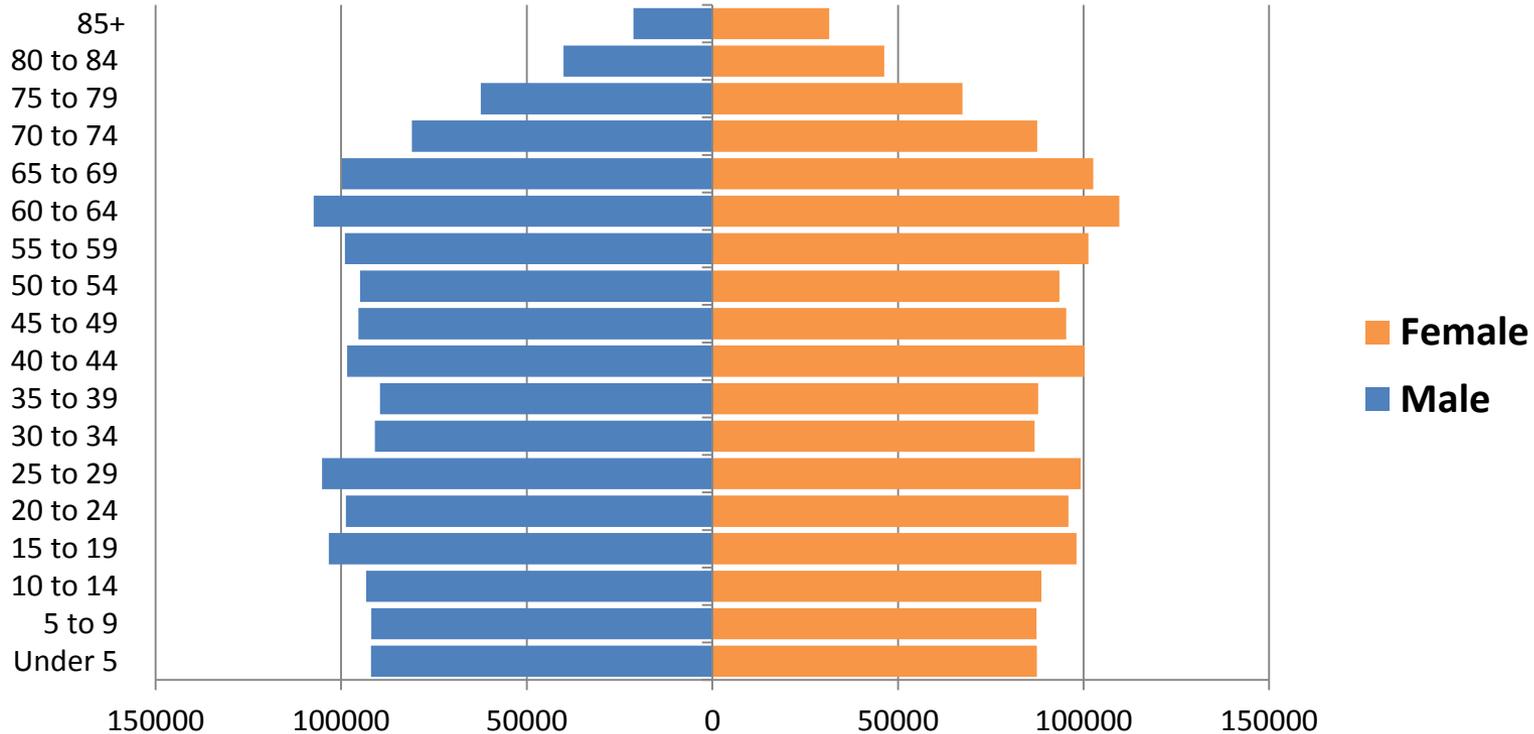




# What the Twin Cities 7-county metro will look like... in 10 years

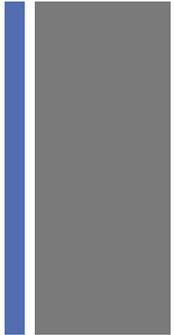


**Population by age and sex**  
7-county Twin Cities metro, 2025

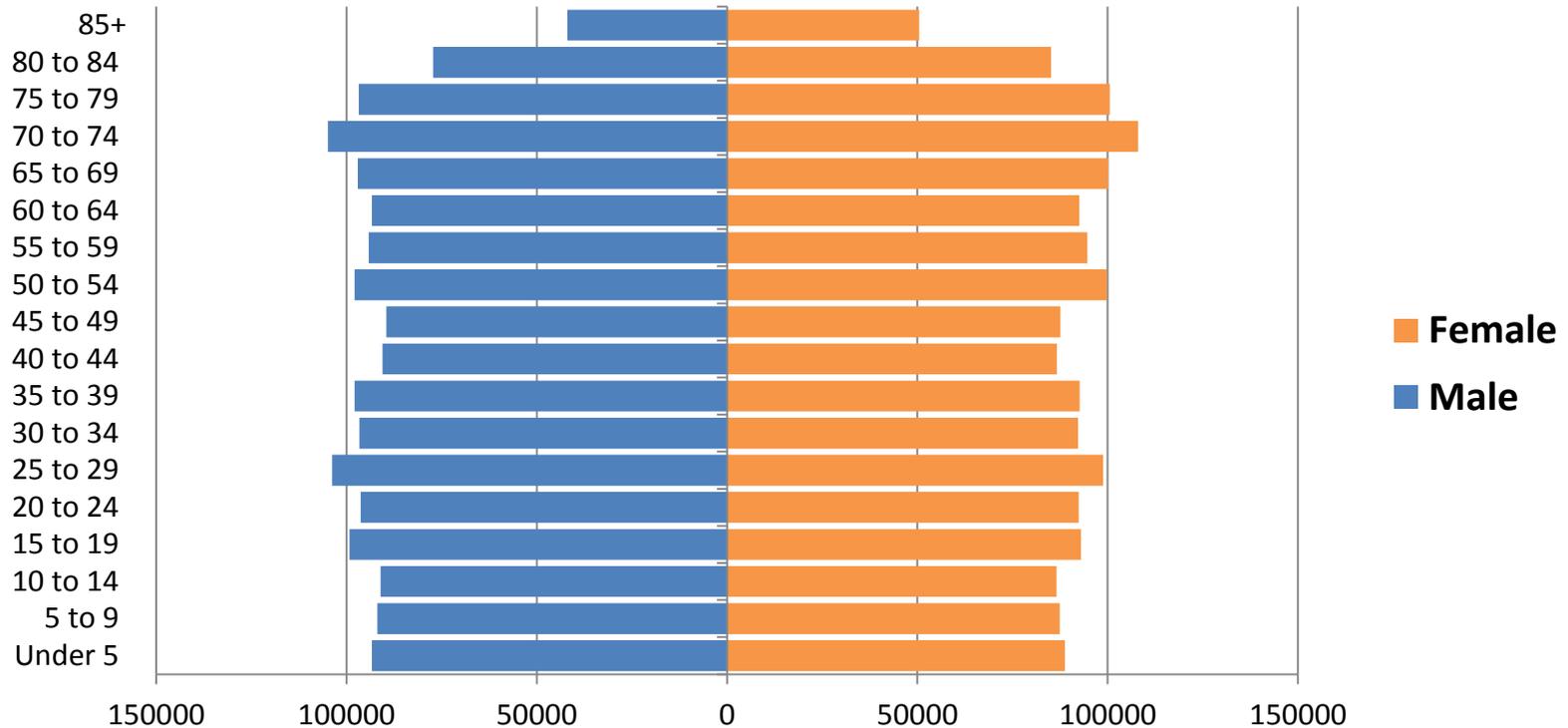




# What the Twin Cities 7-county metro will look like... in 20 years

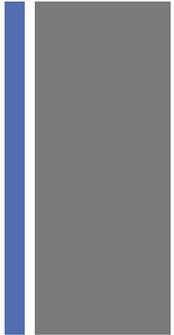


Population by age and sex  
7-county Twin Cities metro, 2035

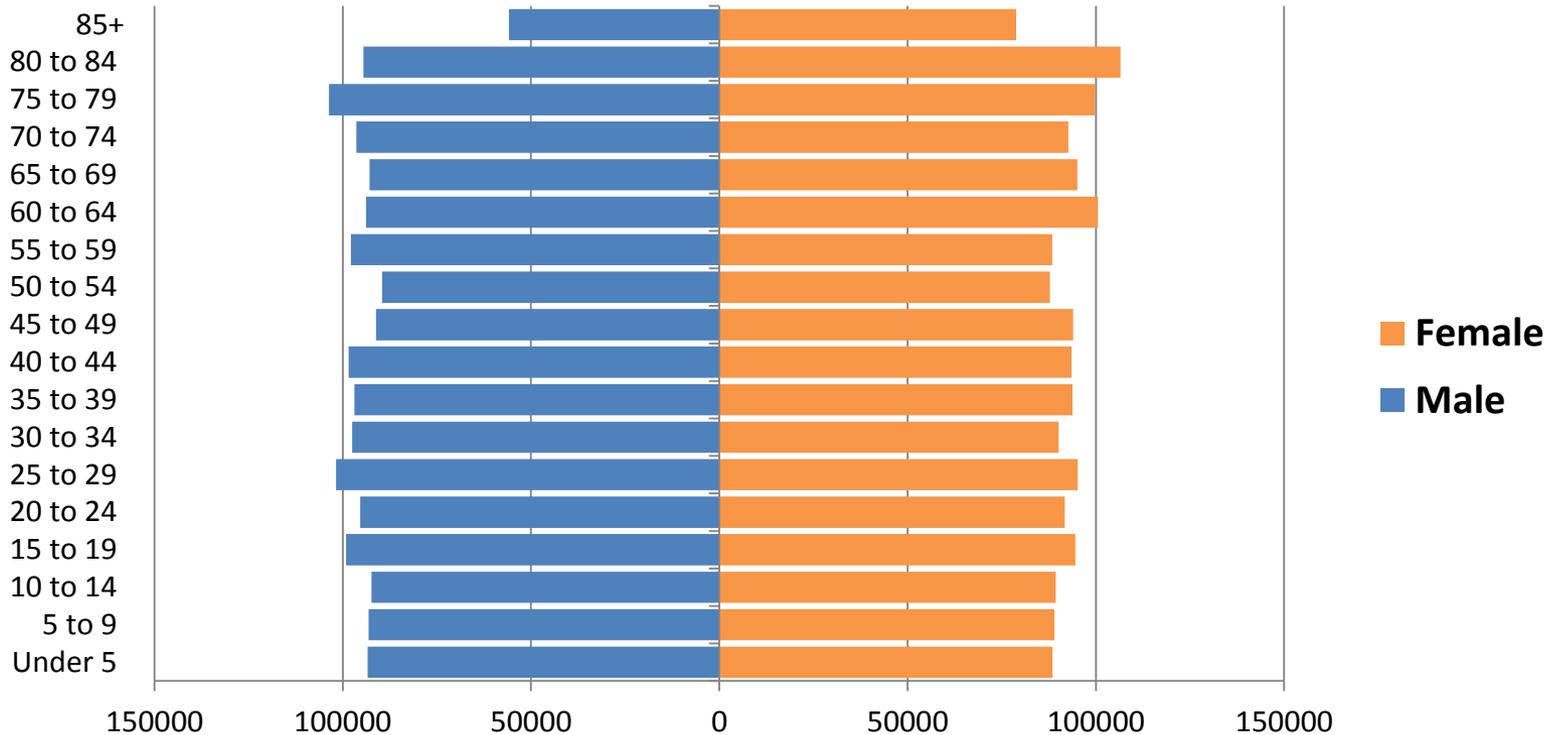




# What the Twin Cities 7-county metro will look like... in 30 years

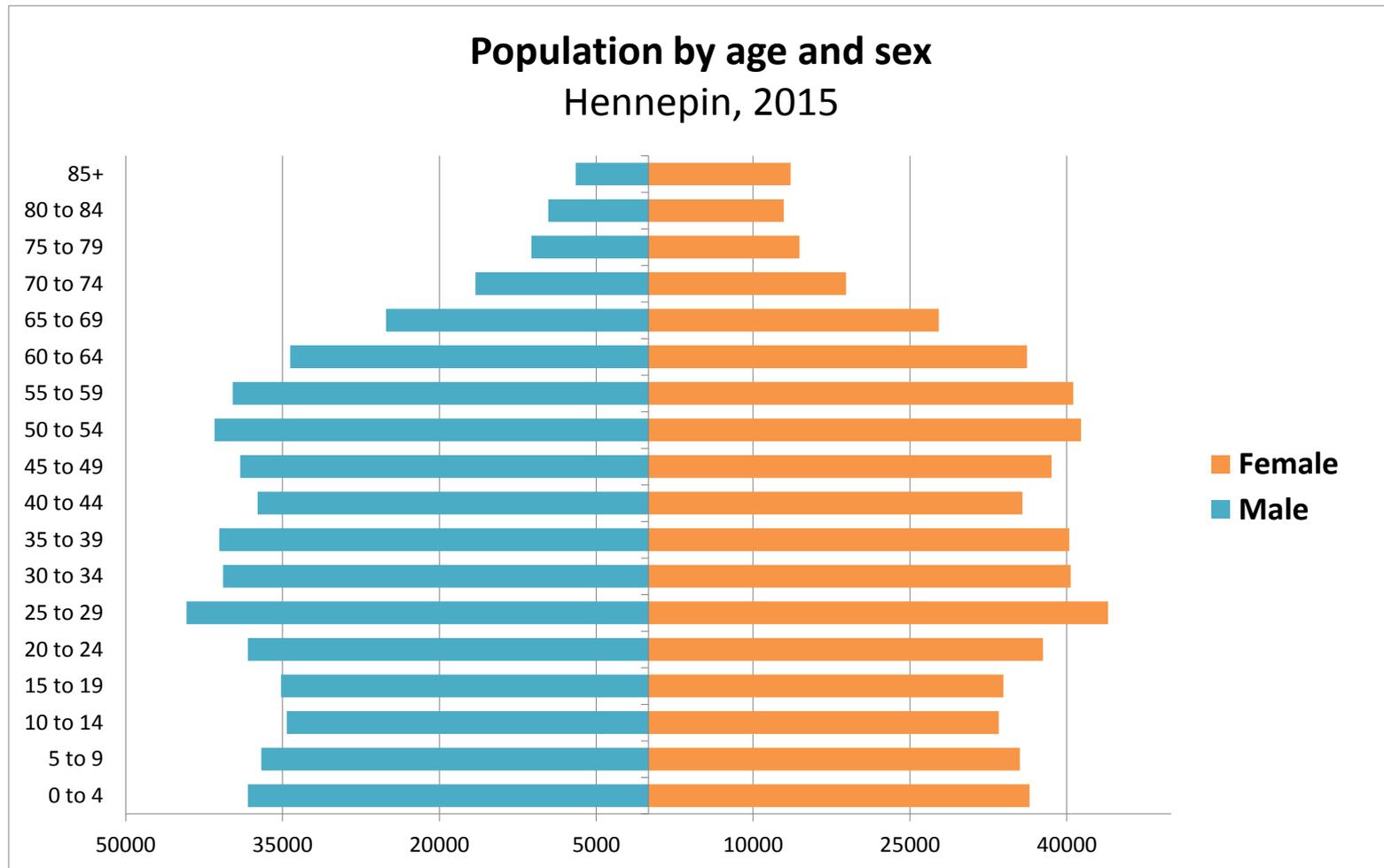


**Population by age and sex**  
7-county Twin Cities metro, 2045



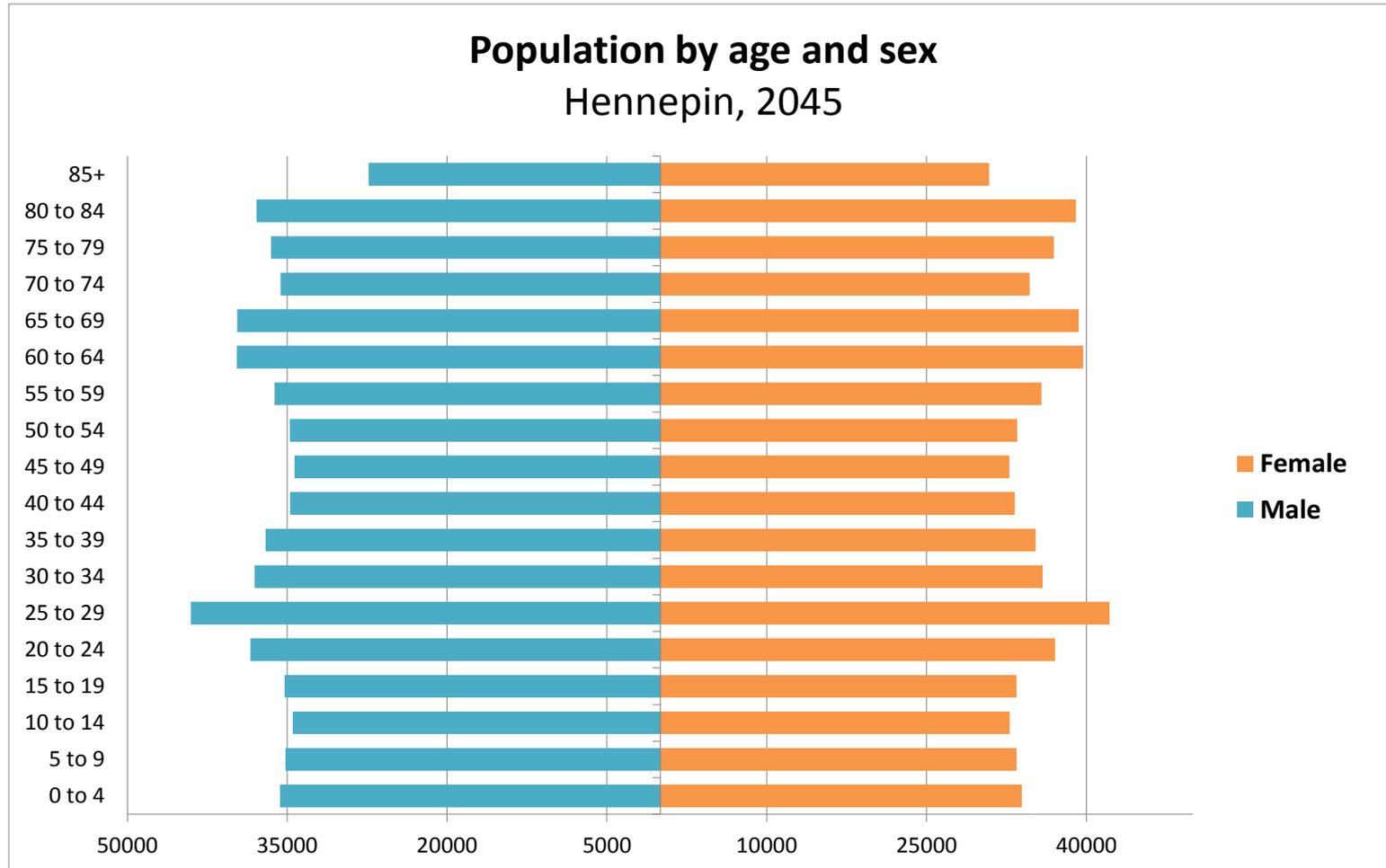


# What Hennepin County looks like... **this year**



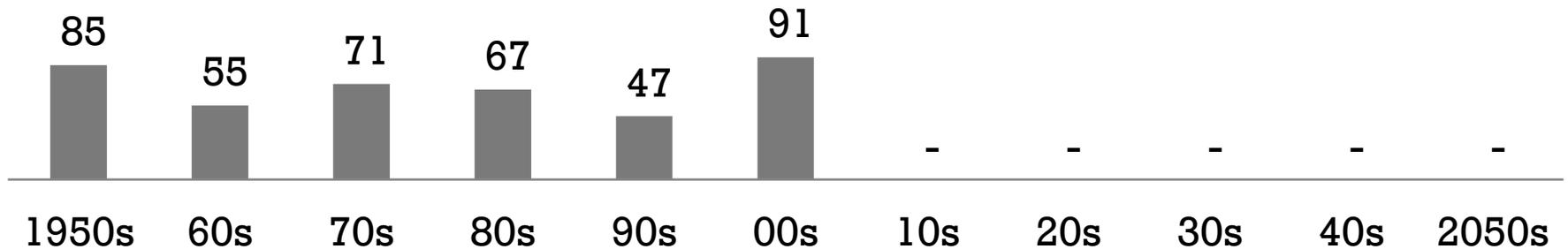


# What Hennepin County will look like... in 30 years



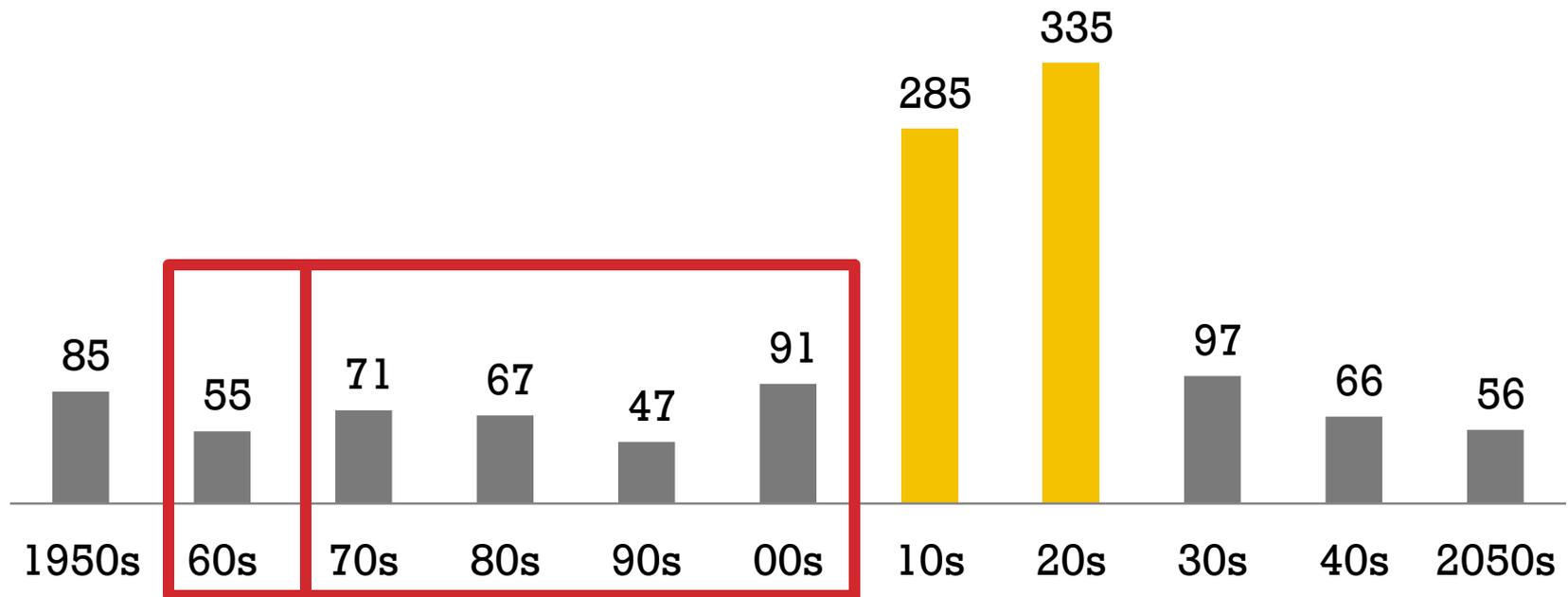
# + How many additional “older adults” will we gain during this decade?

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



# + This decade and next: *Unprecedented* increases in MN's 65+ population

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





## QUIZ QUESTION:



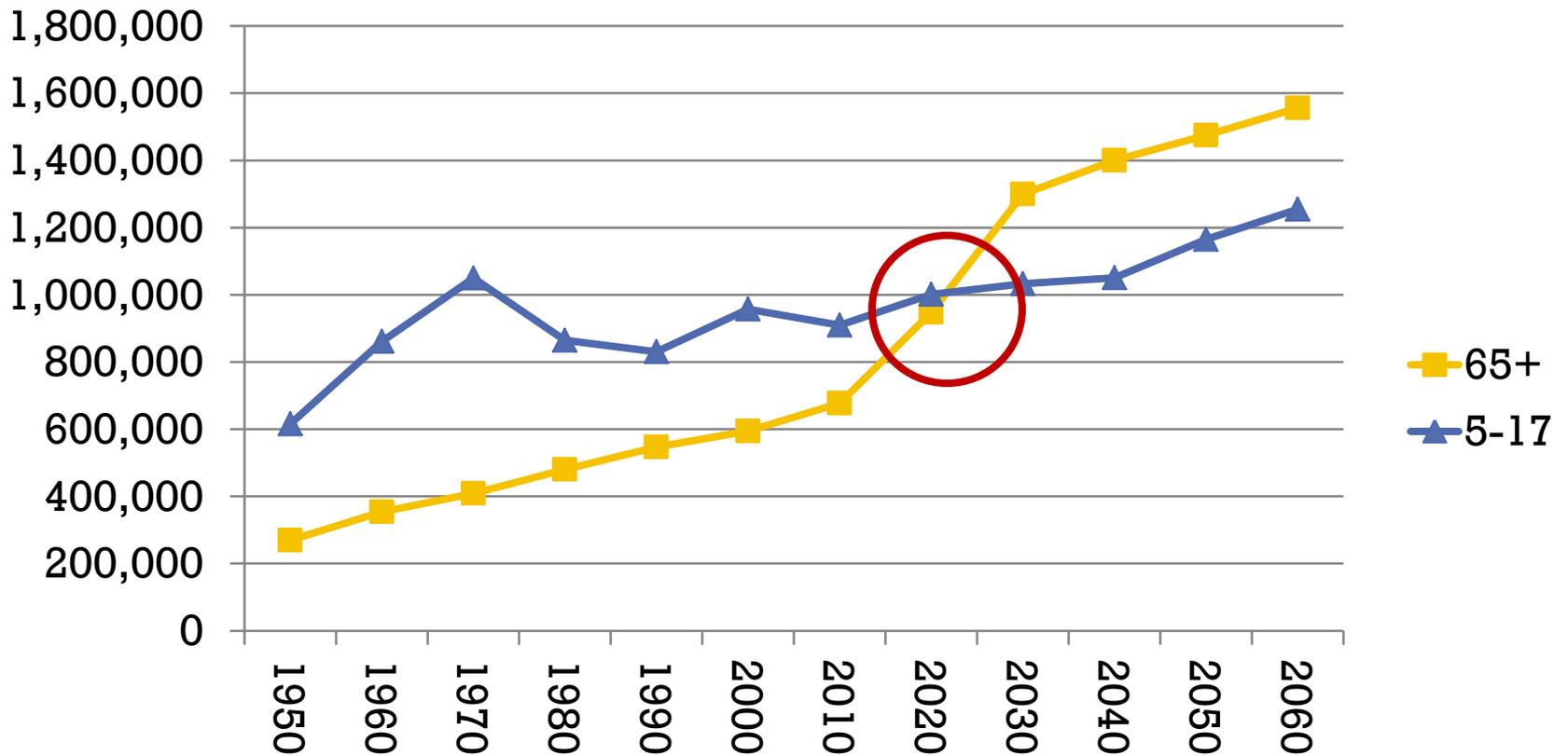
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What event is predicted to happen in 2020 that has never before happened in the history of our state?

- A. The Vikings will win the Super Bowl
- B. MN will have more immigrants than U.S.-born residents
- C. MN will have more 65+ residents than school-age children, 5-17

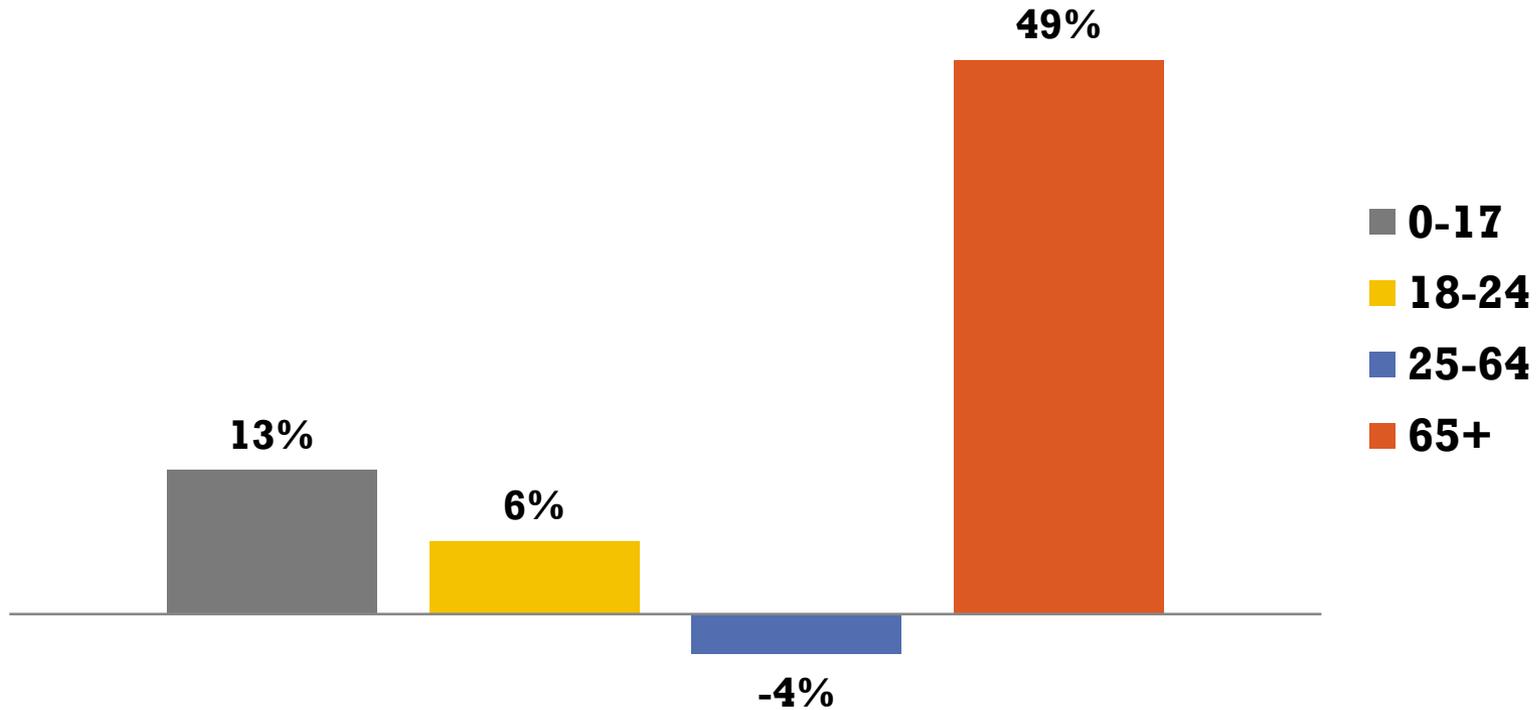
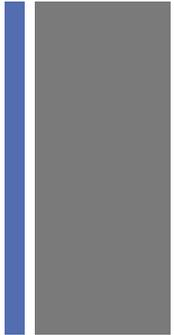


# For the first time in MN history: More 65+ than school-age by 2020



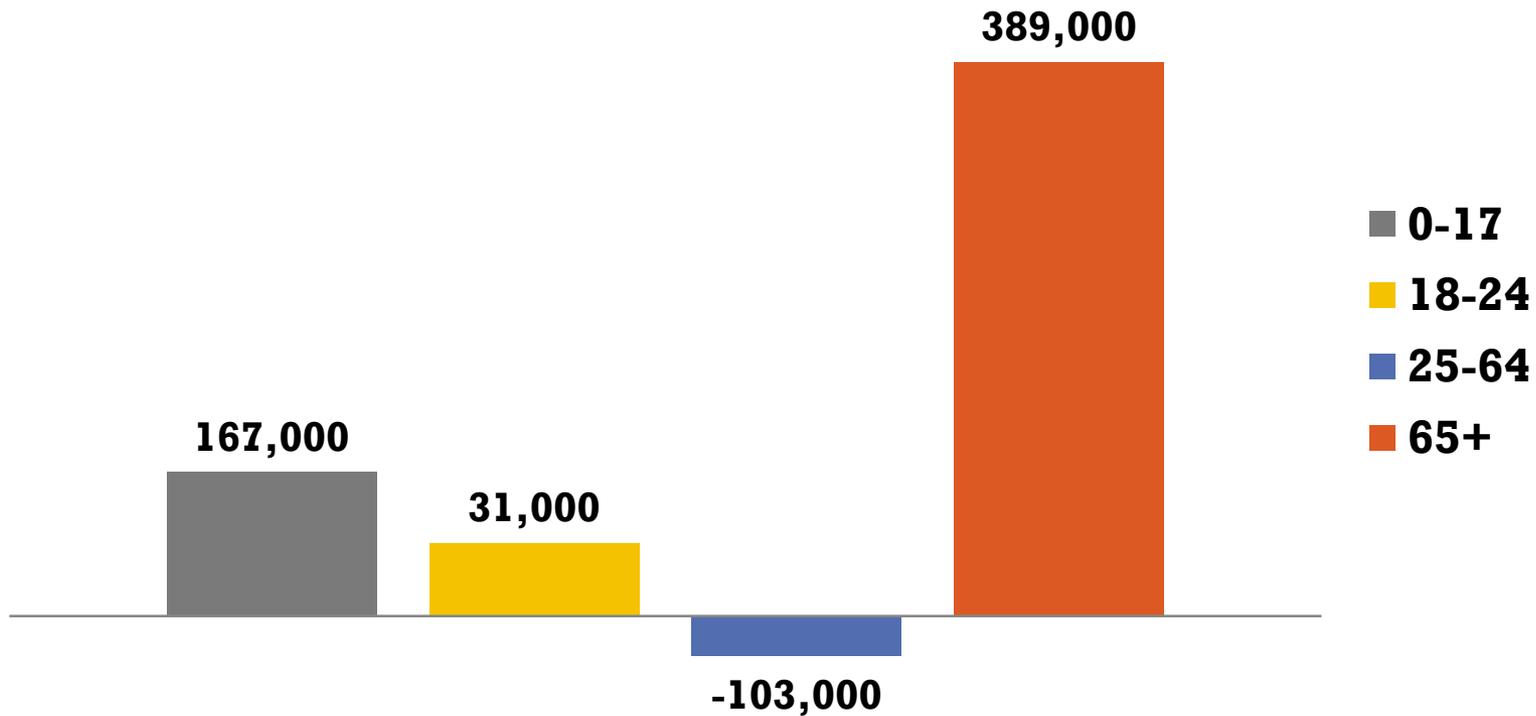
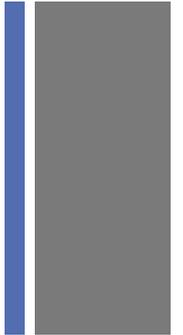


# Change in MN age groups between 2015 and 2030 (percent)



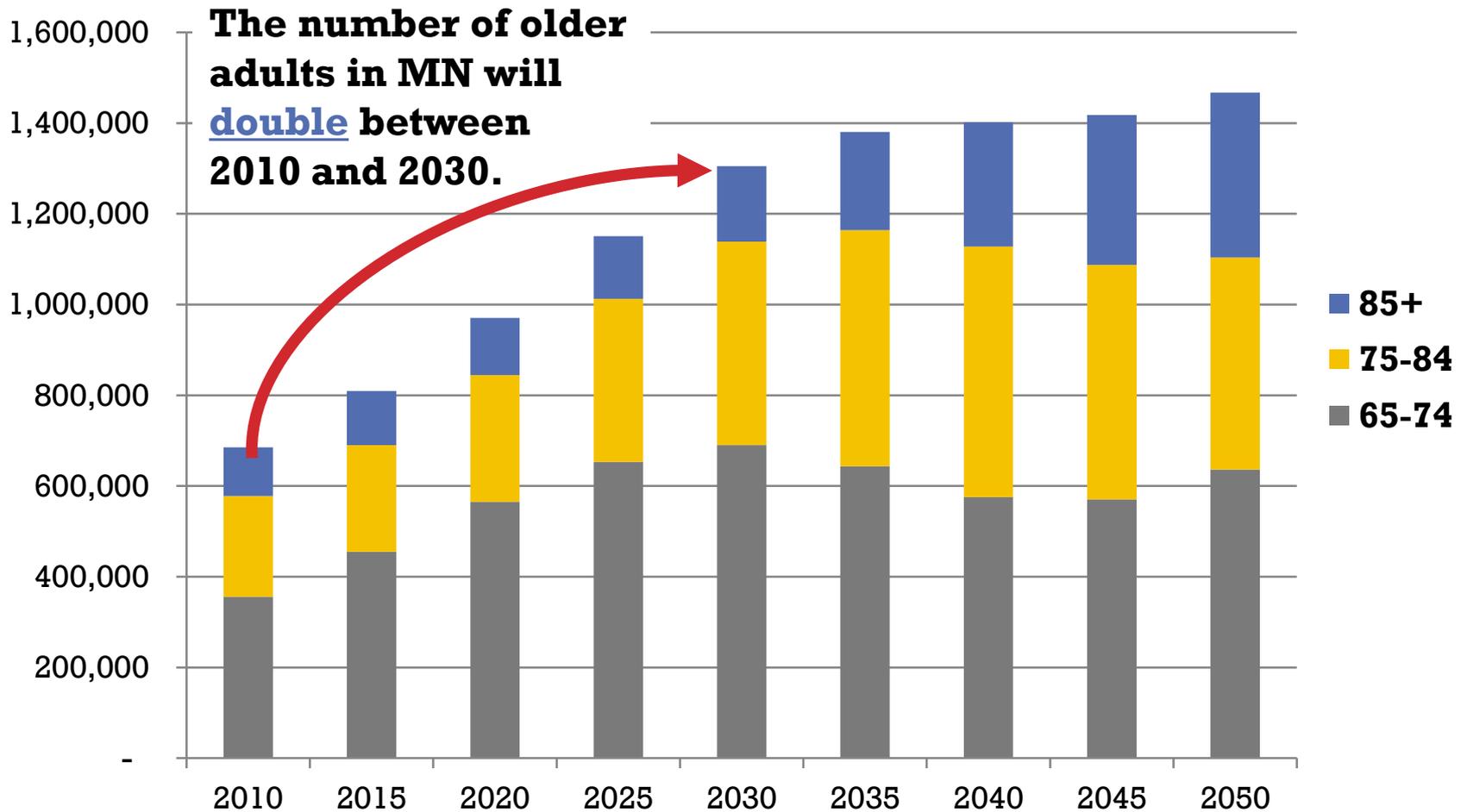


# Change in MN age groups between 2015 and 2030 (people)



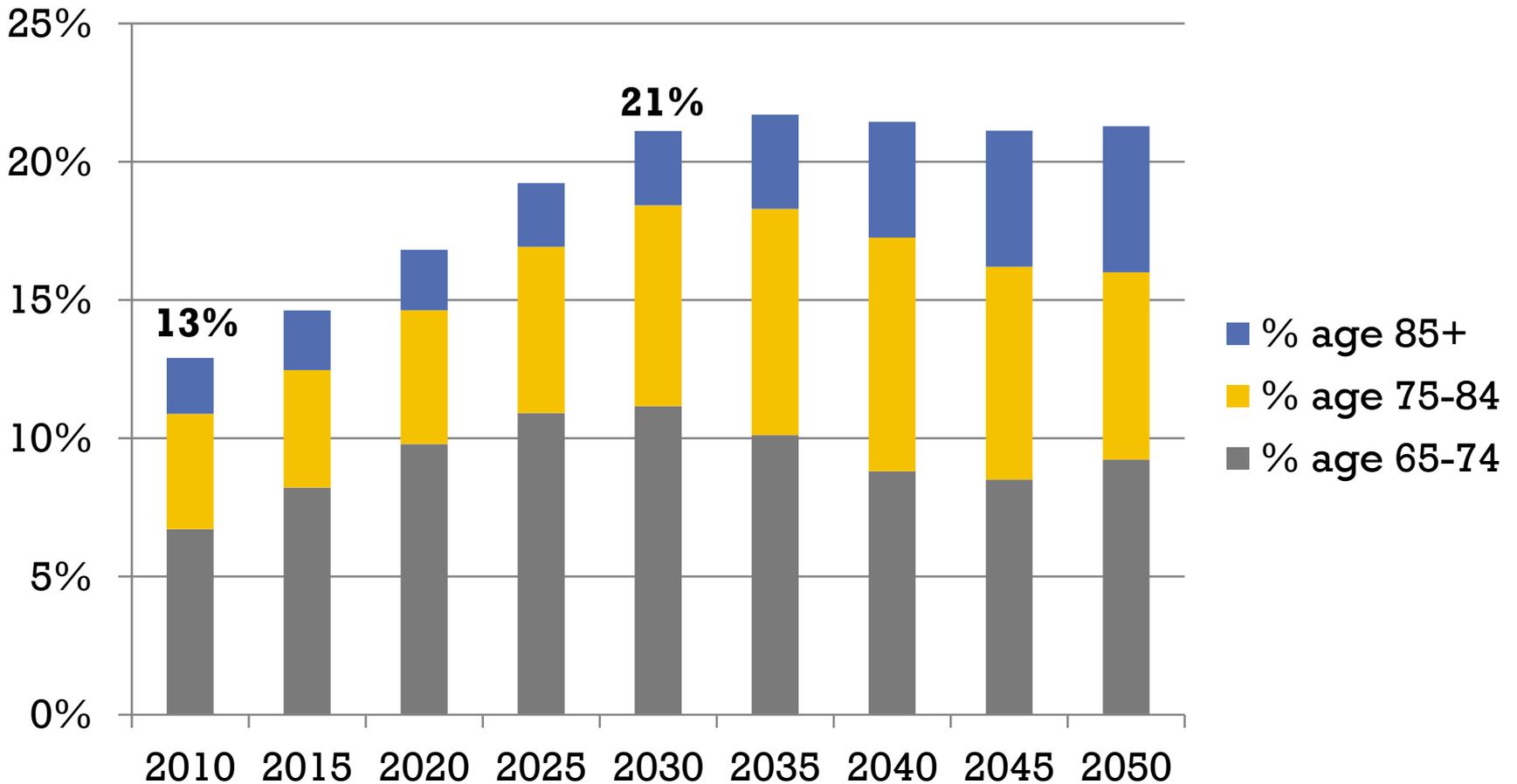


# Older adults in Minnesota by age cohort, 2010-2050





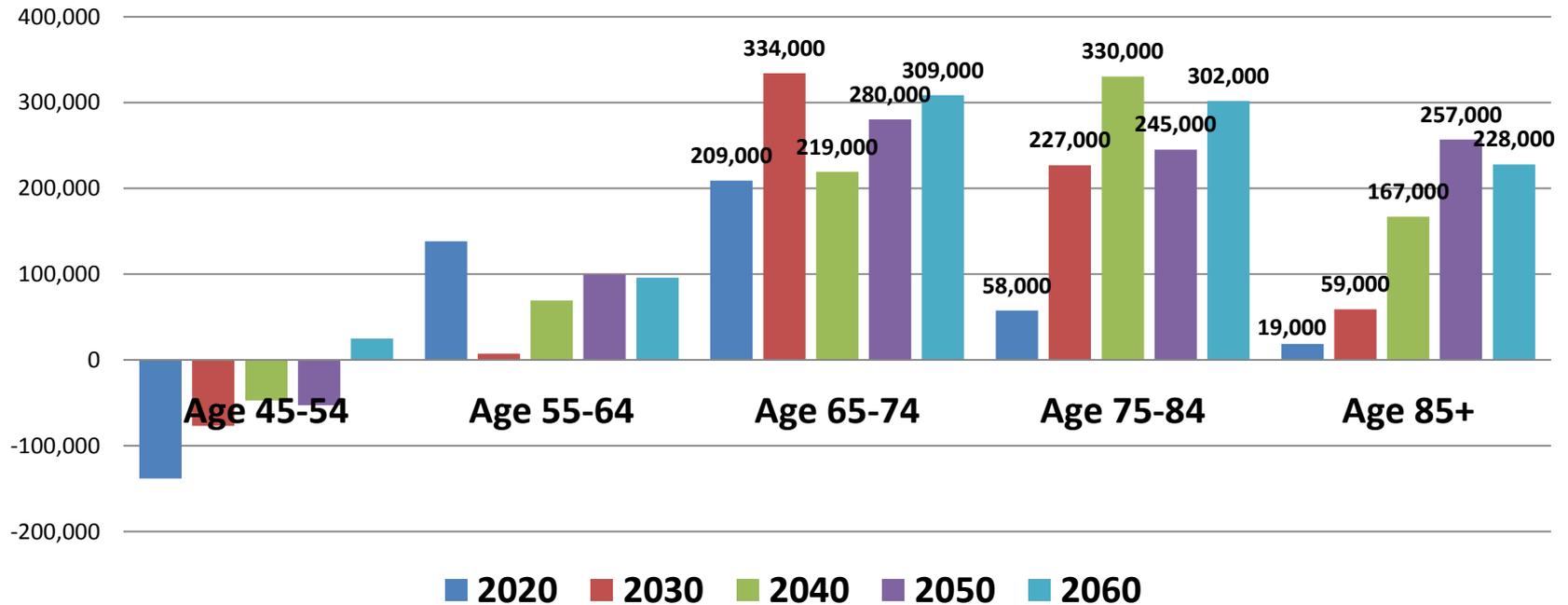
# By 2030, more than 1 in 5 Minnesotans will be 65+, including all Baby Boomers





# The coming decades will see dramatic growth in older cohorts

Expected numeric change in people by age cohorts, between 2010 and given year, Minnesota





# Aging is gender lopsided

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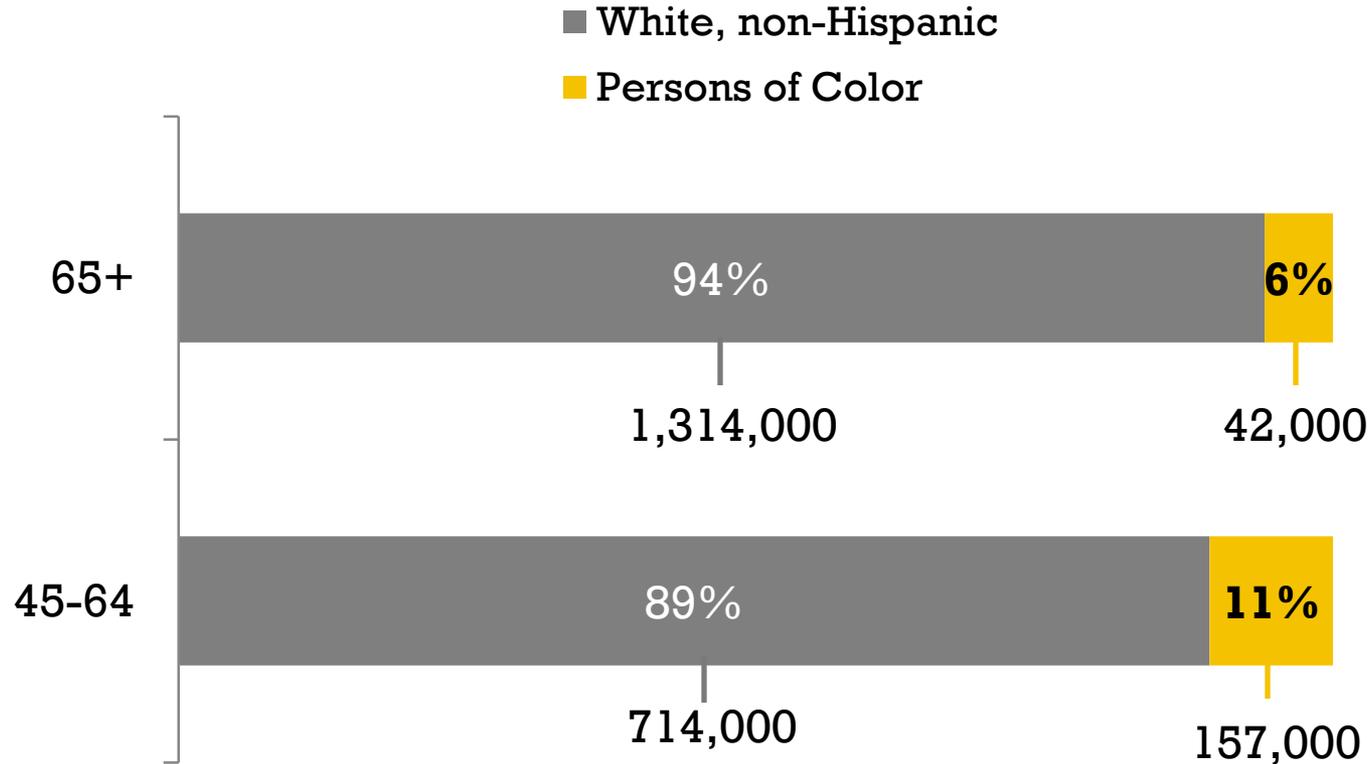
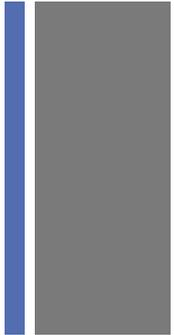


- Among Minnesotans in their:

- early 60s, there are 97 men, for every 100 women
- early 70s, there are 87 men...
- early 80s, there are 69 men...
- 90s plus, there are 35 men...



# Diversity among Minnesota's older adults and next wave (2013)



# + Visualizing the aging population by 2030

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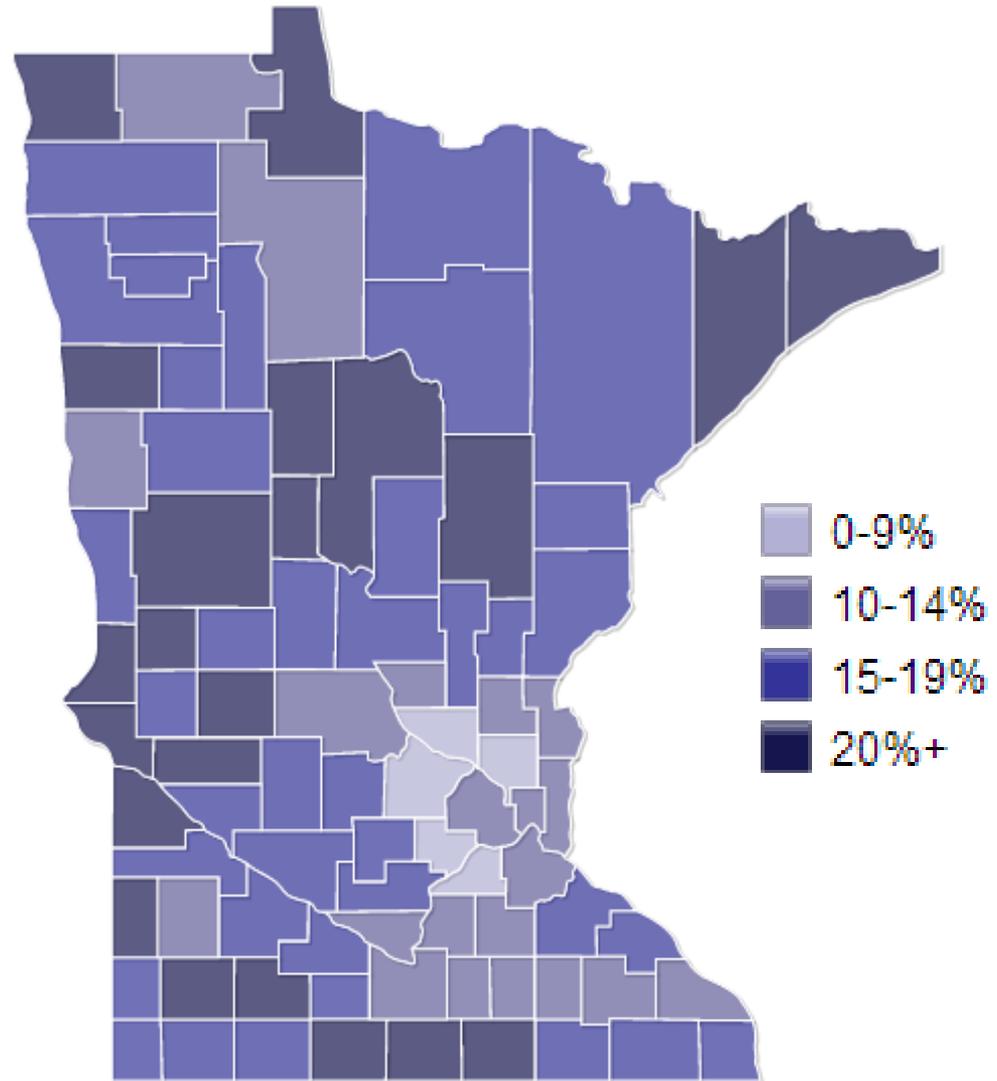
- <http://www.chmuraecon.com/blog/2015/october/06/the-graying-of-america/#viz2075>



# County and regional level differences in aging

## Population age 65 years and older

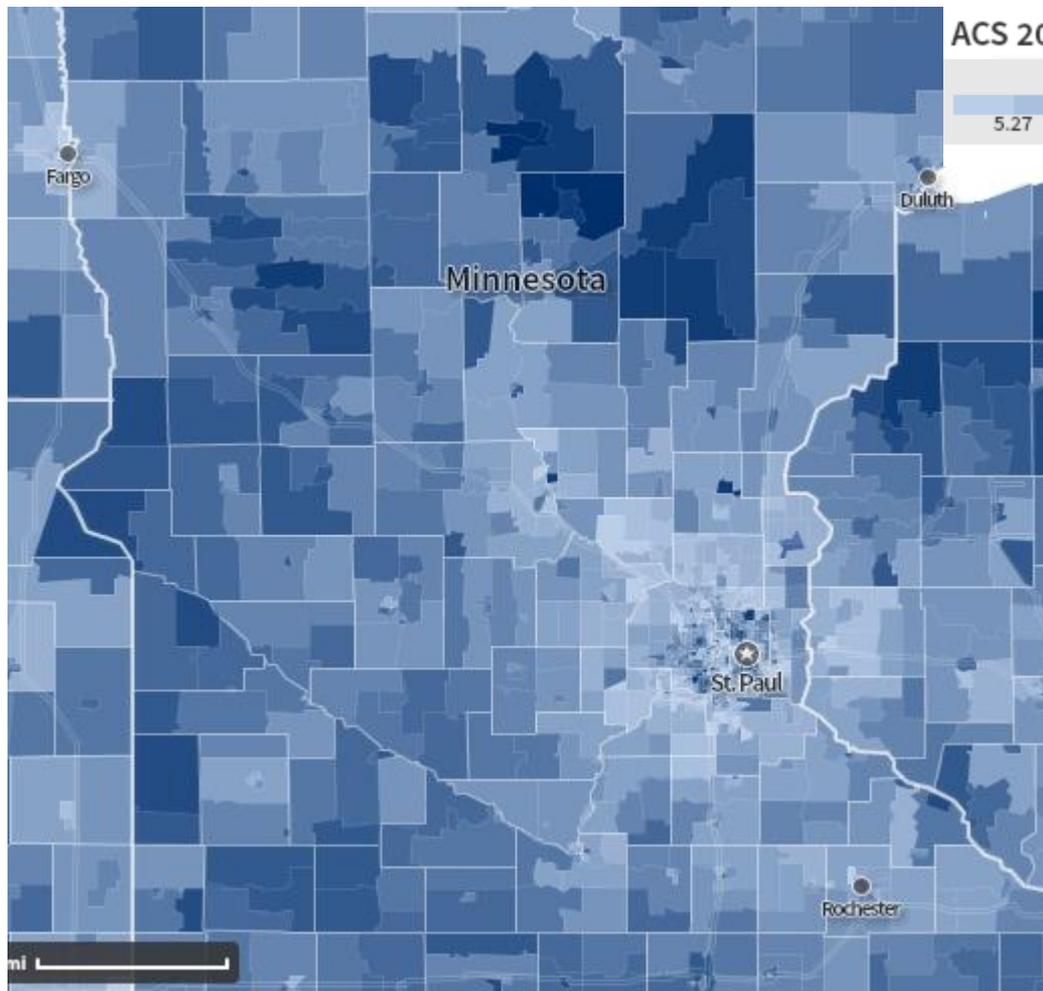
By county, 2010



Sources: U.S. Census Bureau, decennial census, via MNCompass.org.



# Higher percentages of older adults (65+) – patterning is very local



ACS 2008 -- 2012 (5-Year Estimates) - More than 65 Years

5.27

17.56

33

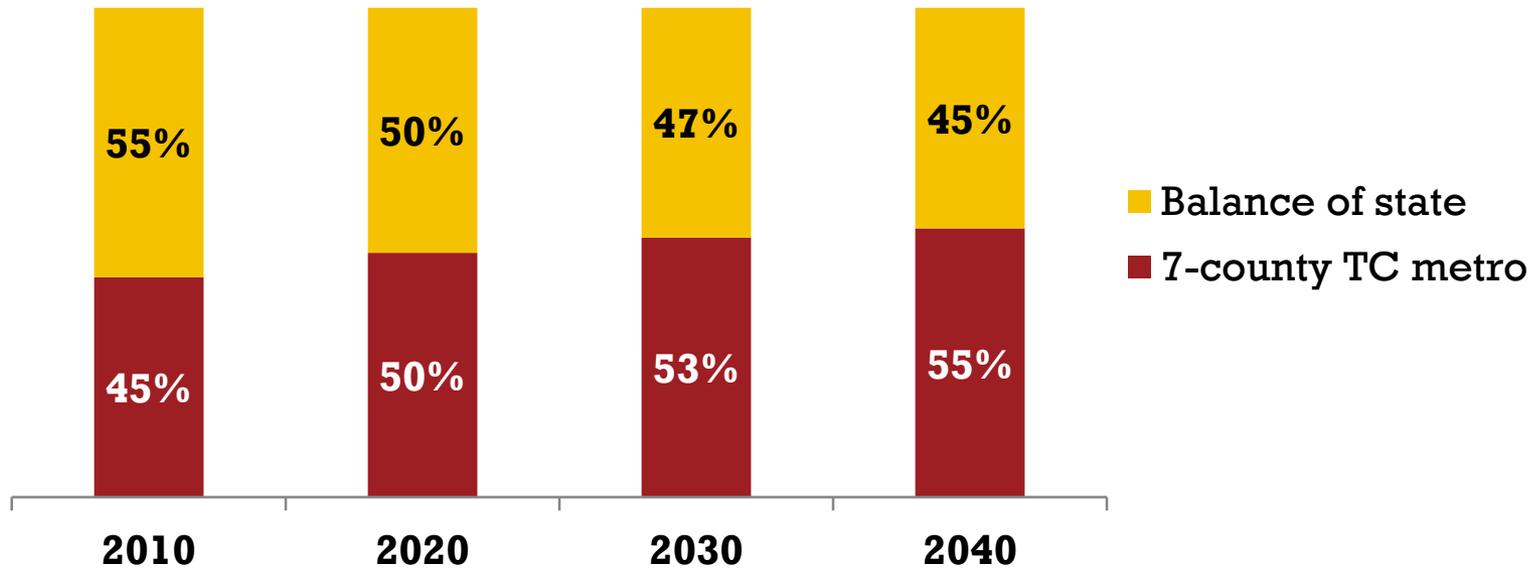
- Visit our website <http://mn.gov/admin/demography/data-by-topic/aging/>

for an interactive map showing % 65+



# By about 2020, half of MN's older adults will live in the 7-county metro

**Share of MN's 65+ population, actual and projected, 2010-2040**



Healthy Aging – with grace,  
dignity and joy





# Aging: not what it used to be...

- Minnesota's older adults are healthier, living longer, and working longer than prior generations
  - Life expectancy for Minnesotans age 65 now is 20.1 more years (15.6 years in good health)
  - Minnesota's Boomers and older adults volunteer in record numbers
  - Opportunities to travel, mentor, start a new business, babysit





# Challenges related to our aging population

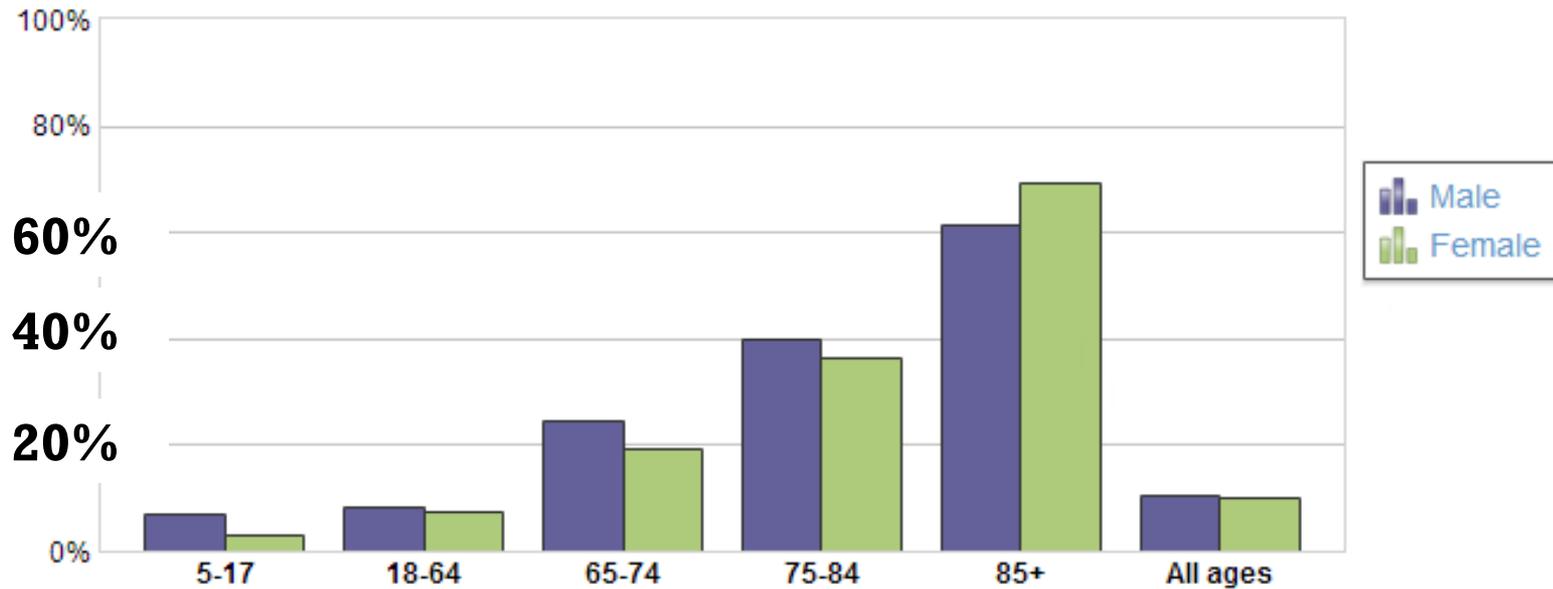
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- Will we have or create sufficient **infrastructure** for more transportation, caregiving, health care, and social support needs, as **health challenges and disabilities increase**, especially when children live far away?
- Will we be able to **finance needed services**, especially long-term care? Private and public medical expenses will increase considerably.
- Will we have the workers to form a strong, skilled, highly **productive labor force** as the Boomers retire — for economic growth, tax revenues for needed services, and maintaining a high quality of life in MN?



# Aging brings rising rates of disability among those living in the community

**Percent with a disability by gender and age**  
Minnesota, 2011



Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

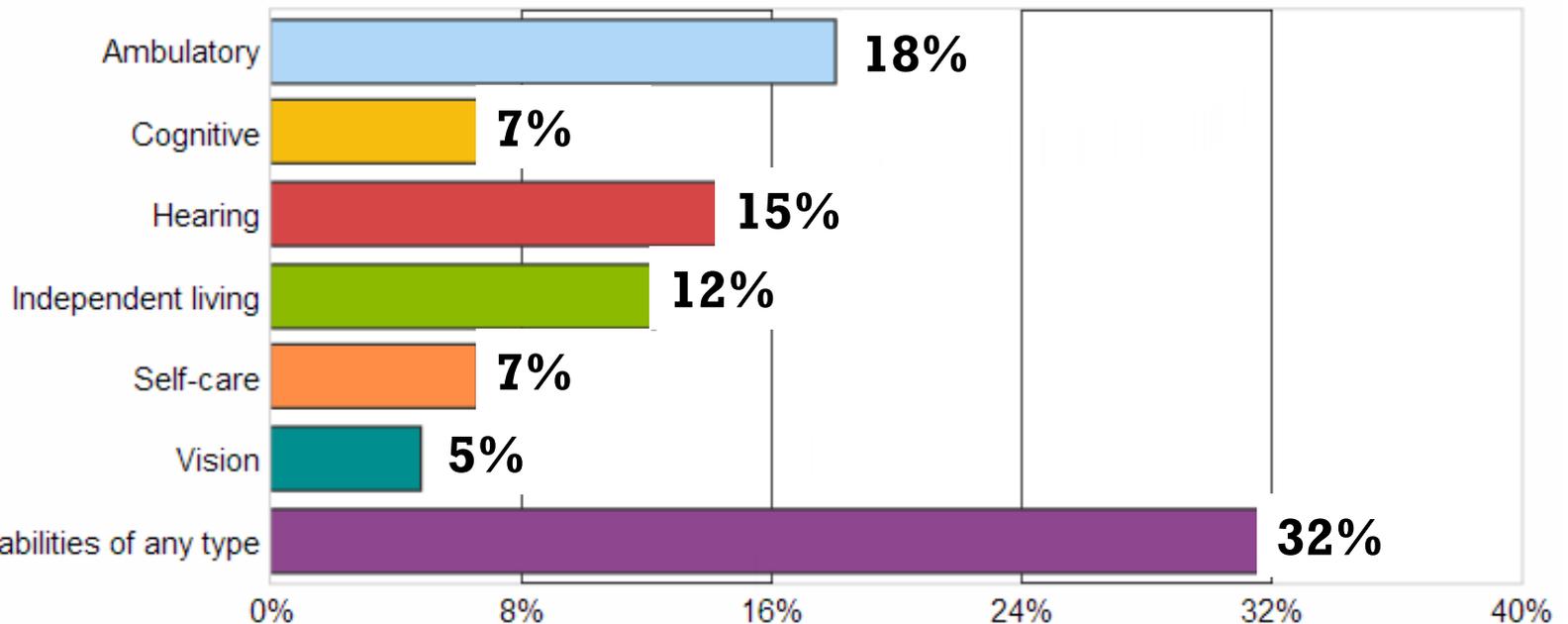
Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.



# Types of disabilities among older adults *living in the community*



Individuals with a disability by type,  
ages 65 and older  
Minnesota, 2012



Sources: U.S. Census Bureau, American Community Survey, via MNCompass.org.

Note: Relates only to the civilian, non-institutionalized population with a serious difficulty in one or more of four basic areas of functioning: vision, hearing, ambulation, and cognition.



Compiled by  
Compass

# + Considerations of aging:

## More residents in their 60s & early 70s

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- Most transition out of the labor force in their 60s, impacting:
  - Daily activities
  - Transportation
  - Spending habits
  - Housing and migration
- Community impacts include:
  - Surplus of “free” time
  - Population and housing shifts
  - Changes in labor force growth and dampened economic growth



# Considerations of aging: More residents in their 80s+

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- Prevalence of disability and dementias, and need for long-term care will grow dramatically
  - 1 in 2 people age 85+ have Alzheimer's or another dementia
- Private, public medical expenses will increase greatly
- Gender imbalance much more prominent
  - In early 80s, there are 69 men for every 100 women
  - In 90s plus, there are 35 men for every 100 women
- Outliving financial resources of great concern

# Diversity & Immigration

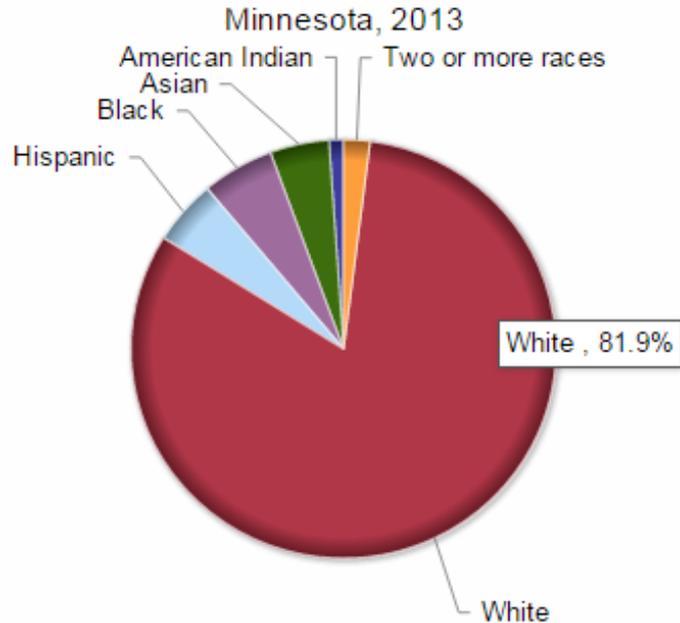


See our “Minnesota on the Move” special report on migration – available off our homepage at [mn.gov/demography](https://mn.gov/demography)



# MN today by race/ethnicity (Hispanics removed from all other race groups)

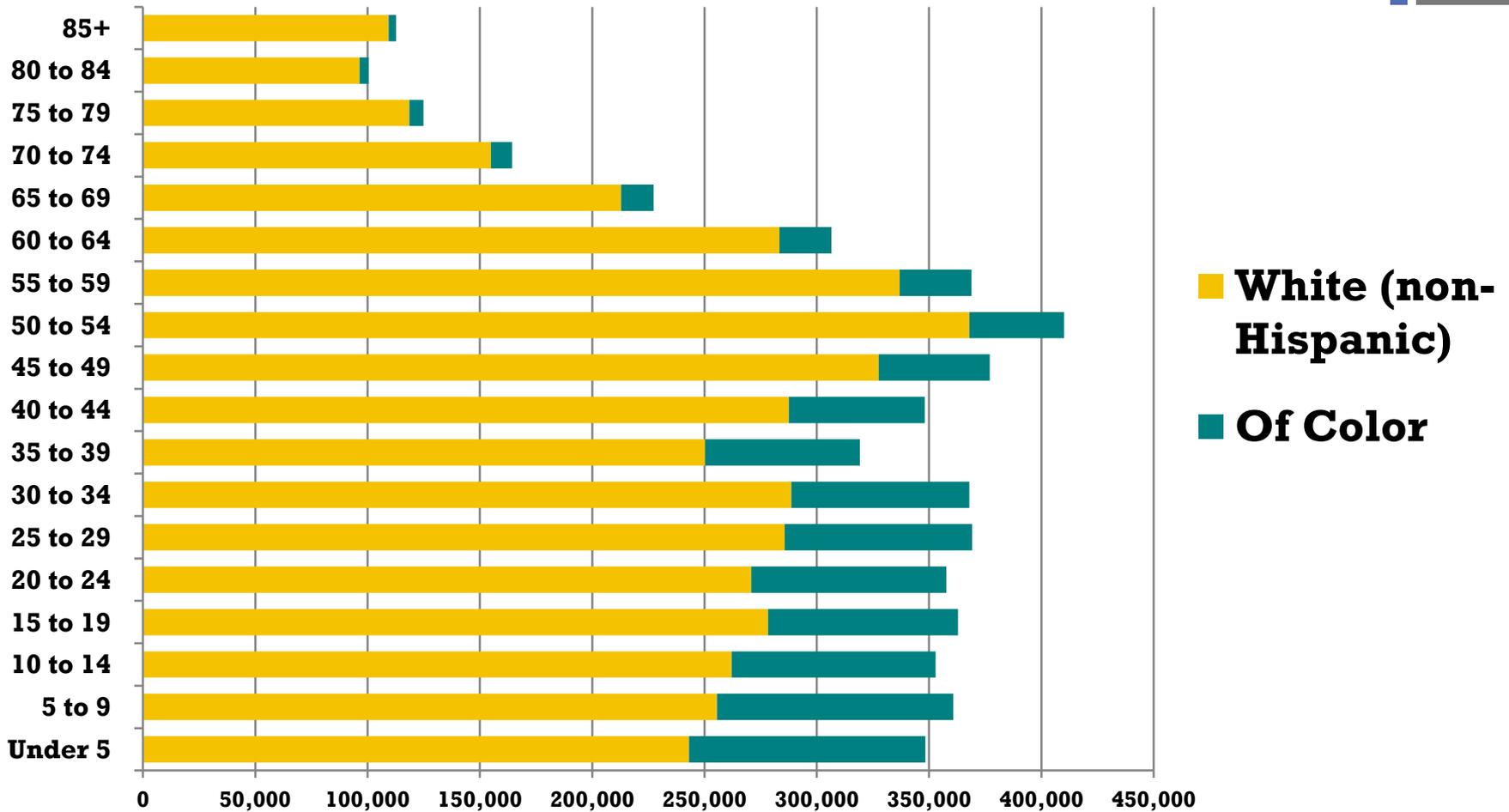
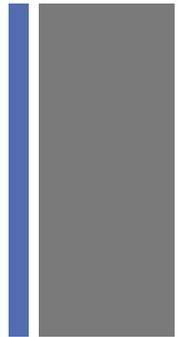
## Population by racial and ethnic group

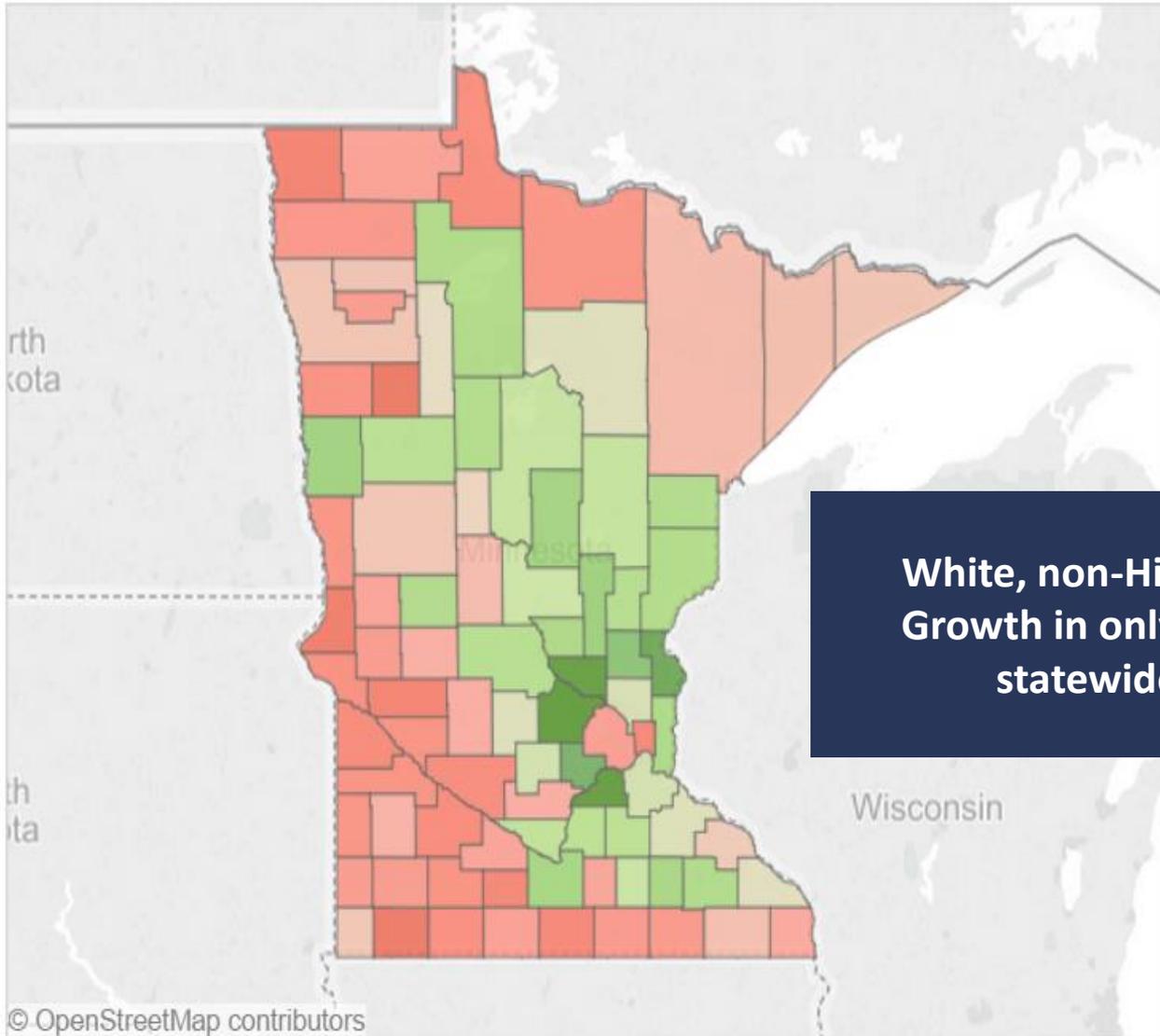


- 82% White
- 6% Black
- 5% Hispanic
- 5% Asian
- 2% Multiracial
- 1% American Indian



# Minnesota's population by age groups, 2012





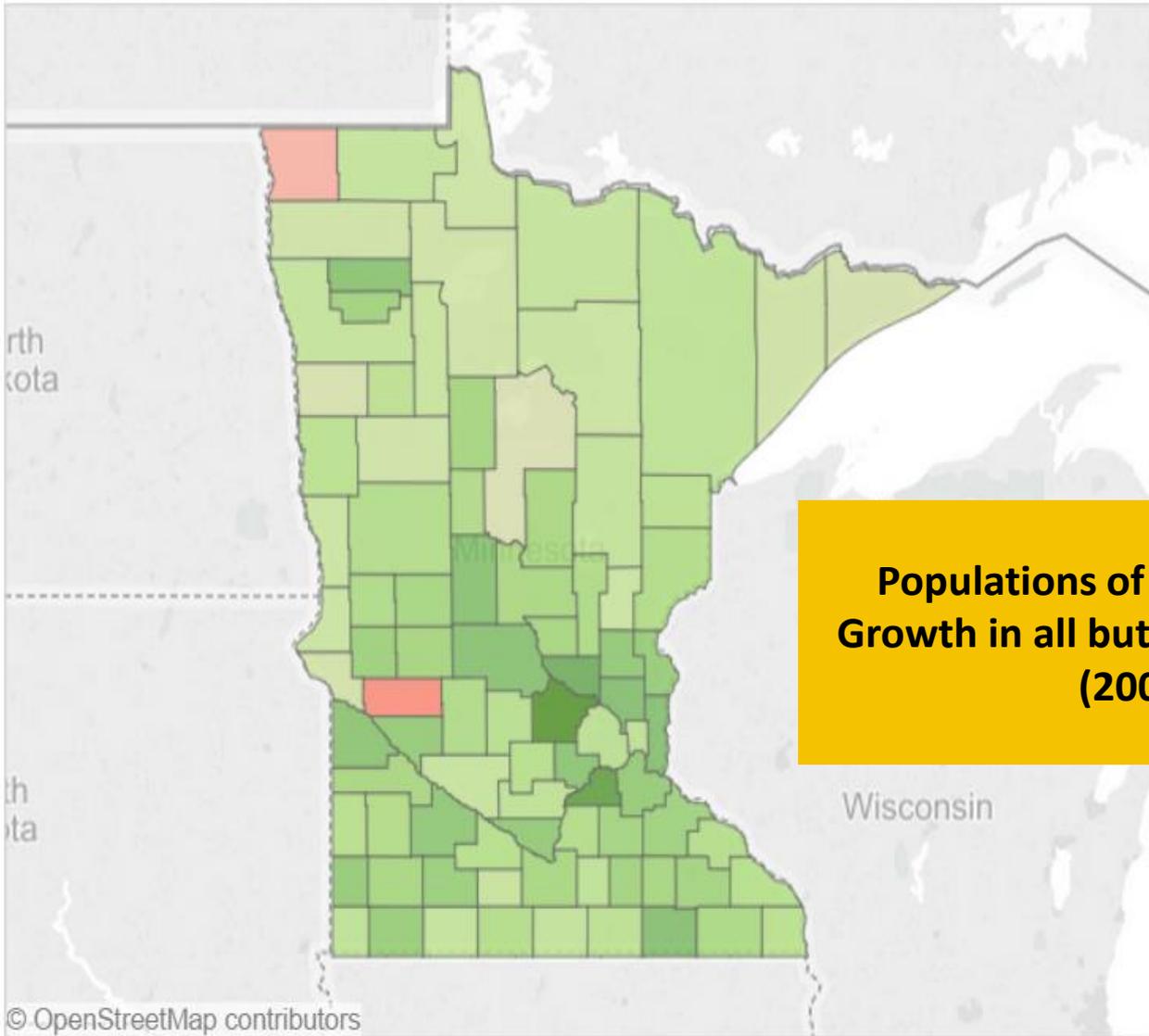
**% Change, 2000-2010**



**White, non-Hispanic population:  
Growth in only 37 of 87 counties  
statewide (2000-2010)**

© OpenStreetMap contributors



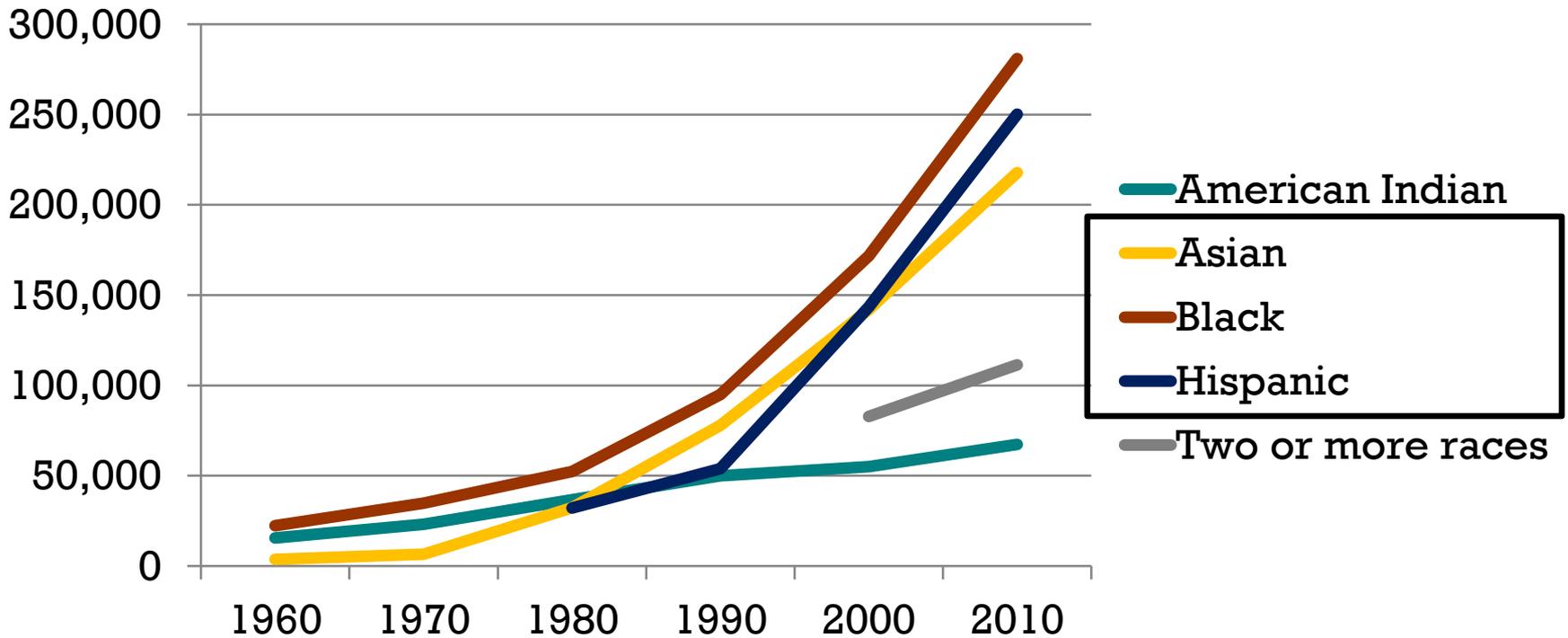


**Populations of Color (non-White):  
Growth in all but 2 counties statewide  
(2000-2010)**



# Black, Latino and Asian populations growing rapidly

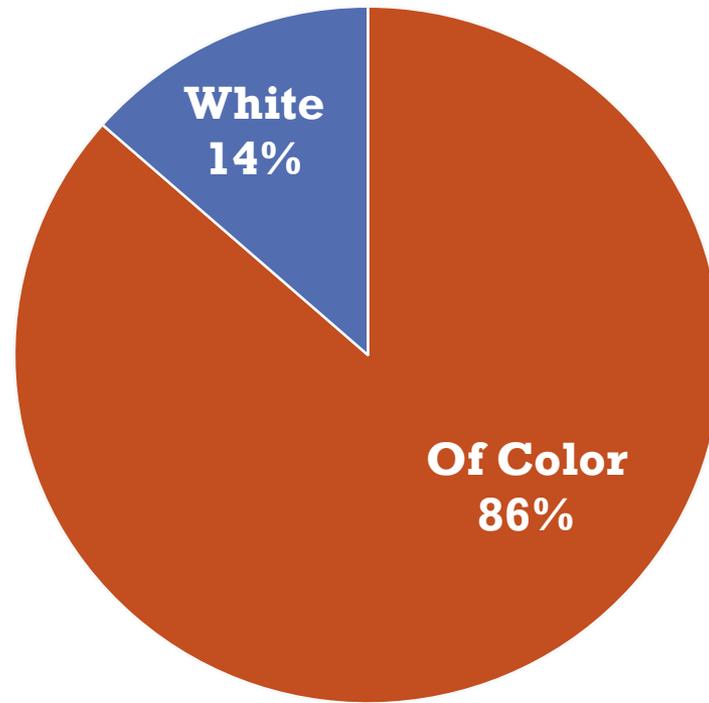
## Populations of color, MN



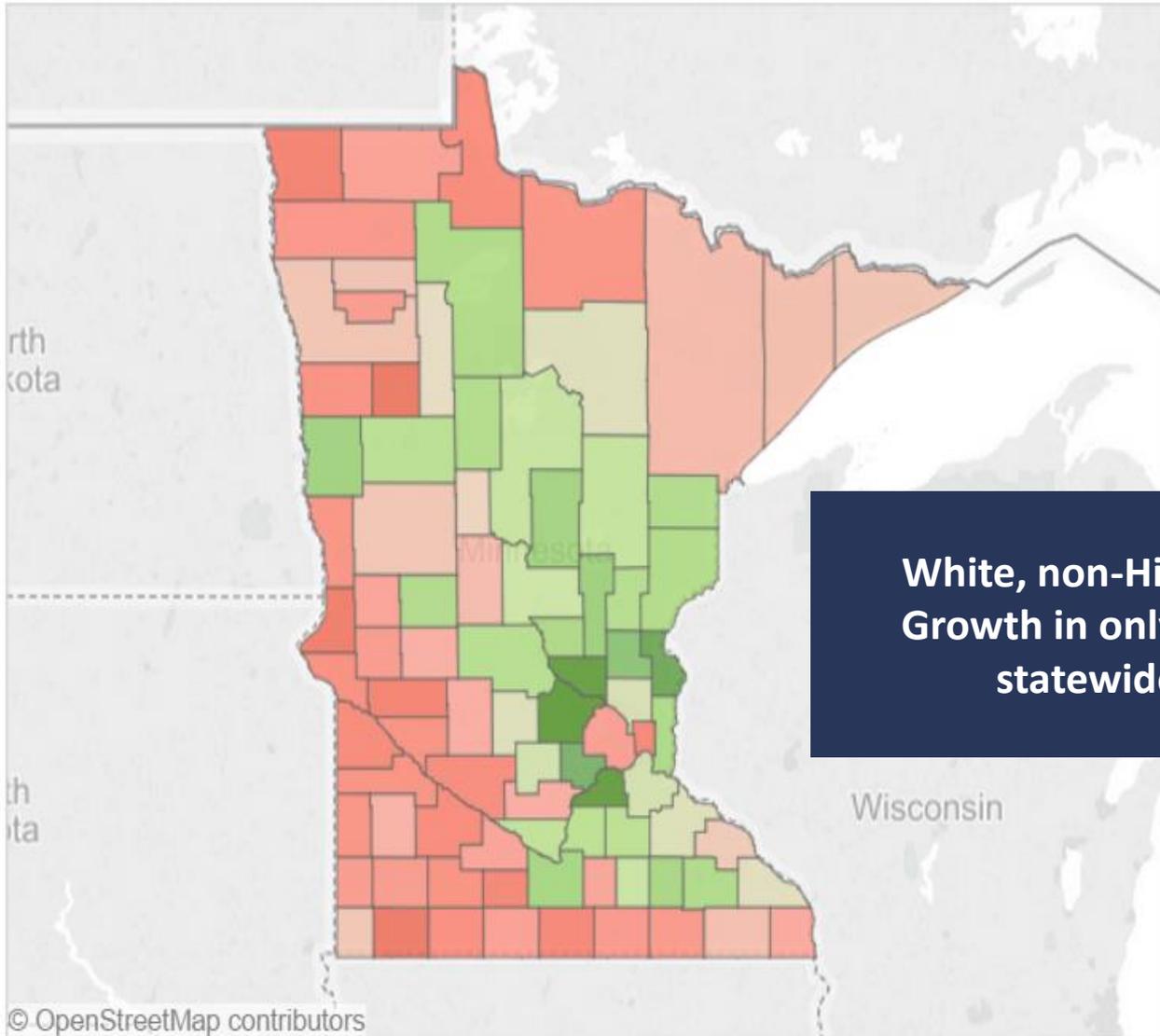
Source: Tabulated by the Minnesota State Demographic Center from the Integrated Public Use Microdata Series



# Between 2000 and 2010 most of MN's growth was from populations of Color



**350,000  
more  
Minnesota  
residents  
in 2010  
than in  
2000**



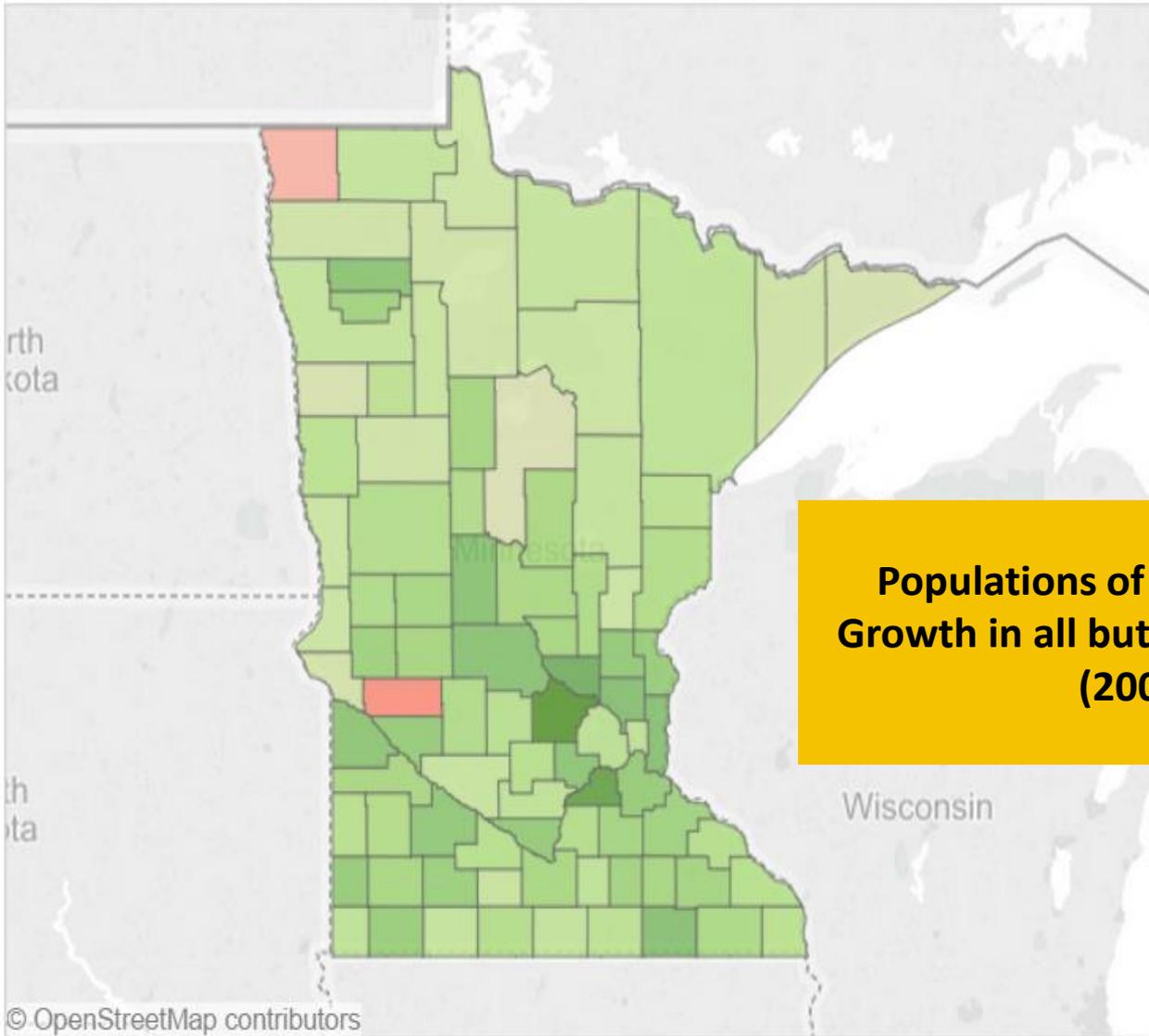
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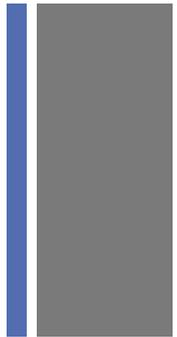


**Populations of Color (non-White):  
Growth in all but 2 counties statewide  
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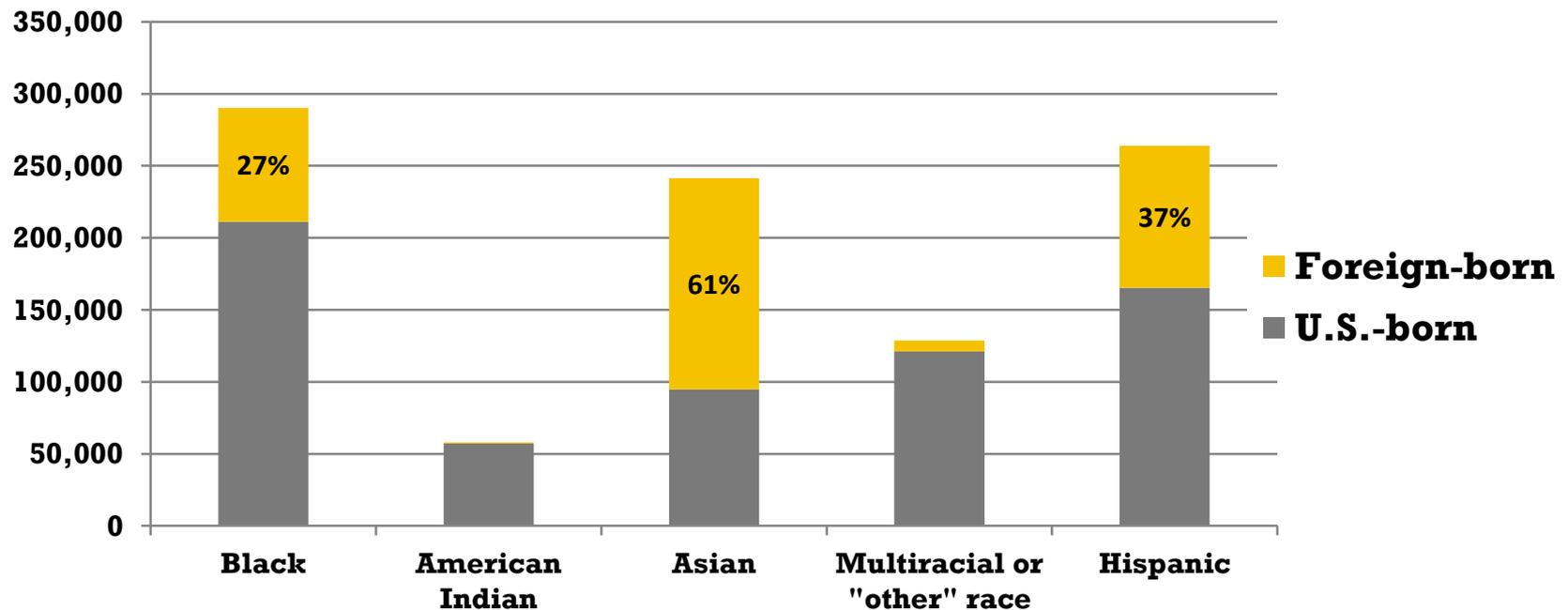




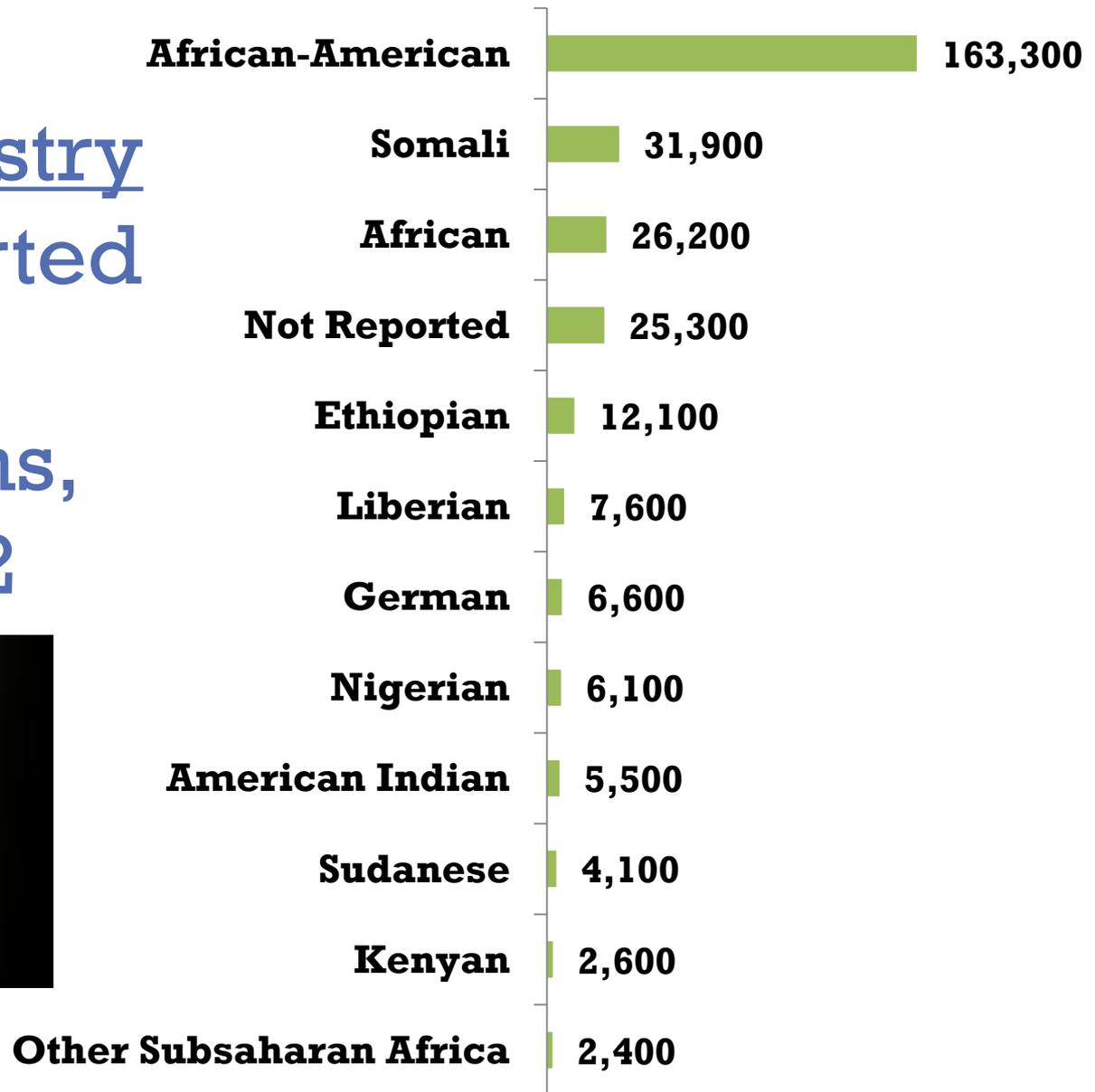
# About 400,000 foreign-born among MN populations of Color



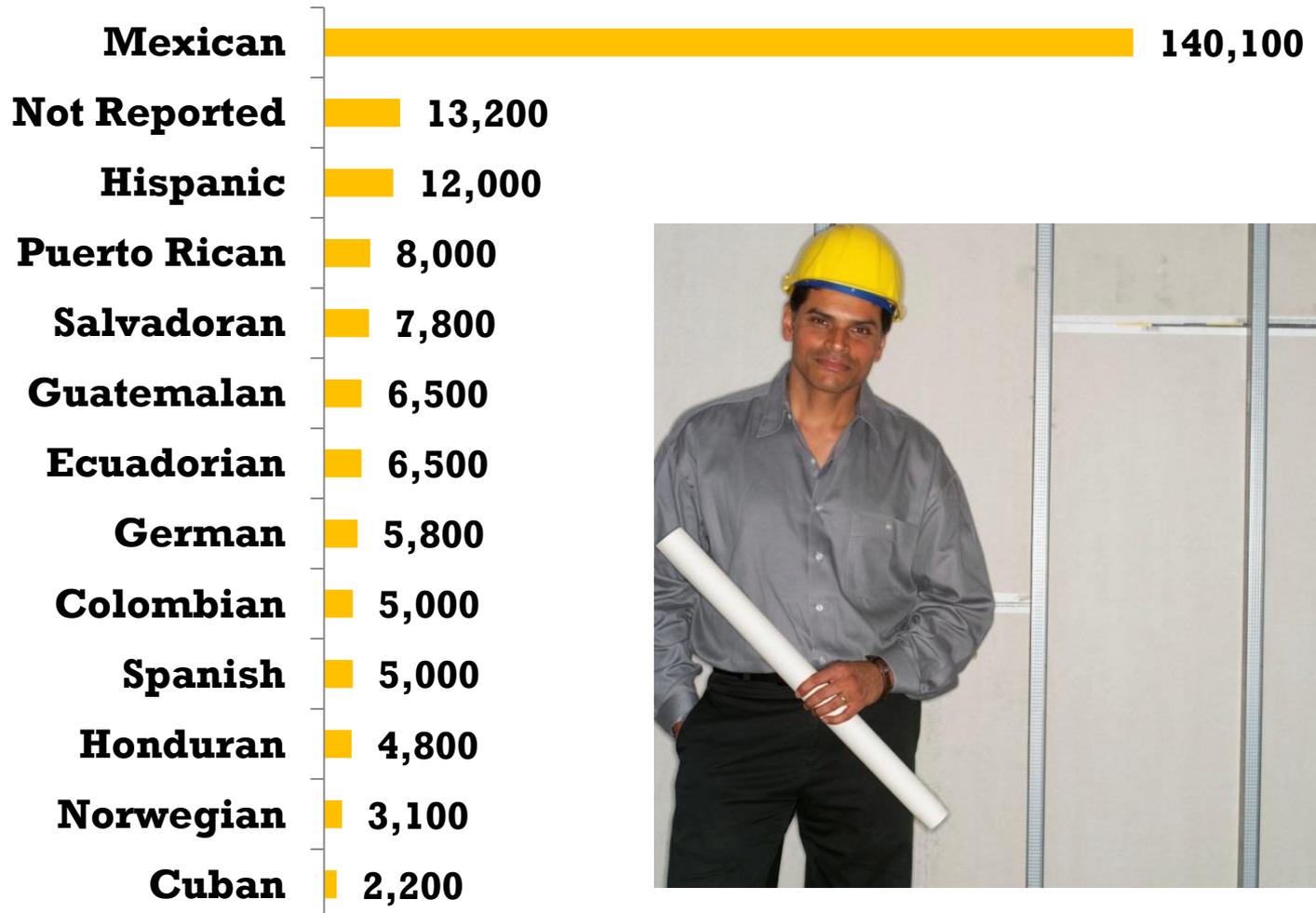
**Minnesota populations of Color,  
by nativity, 2013**



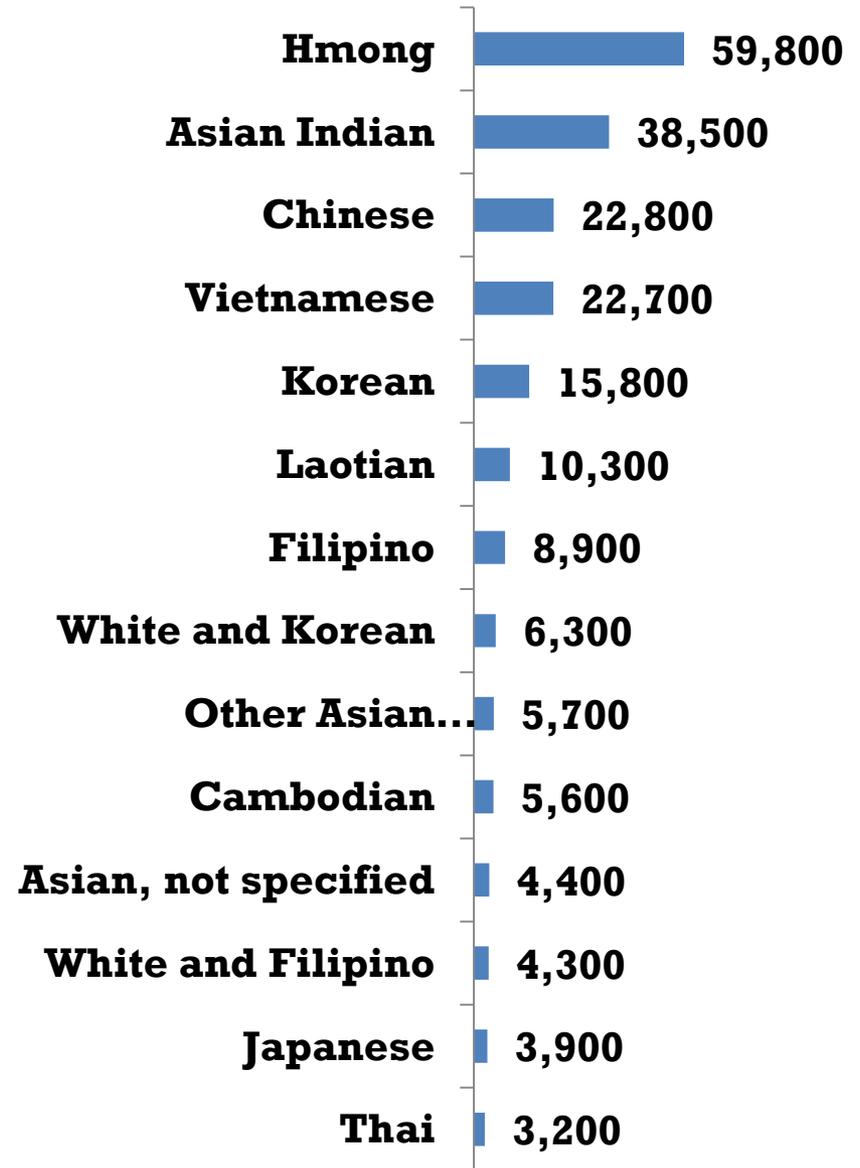
# Largest ancestry groups reported by Black Minnesotans, 2008-2012



# Largest ancestry groups reported by Hispanic Minnesotans, 2008-2012



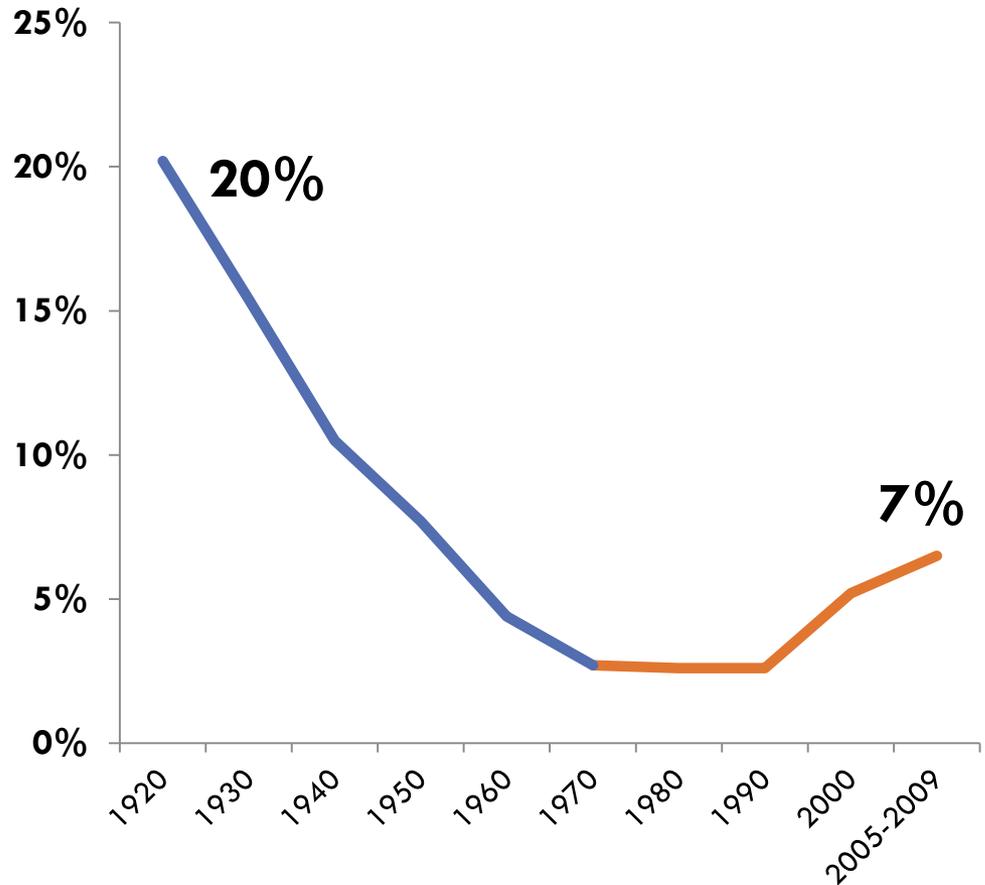
Largest detailed  
race groups  
reported among  
Asian  
Minnesotans,  
2008-2012





Immigration is  
not a new  
phenomenon  
in MN

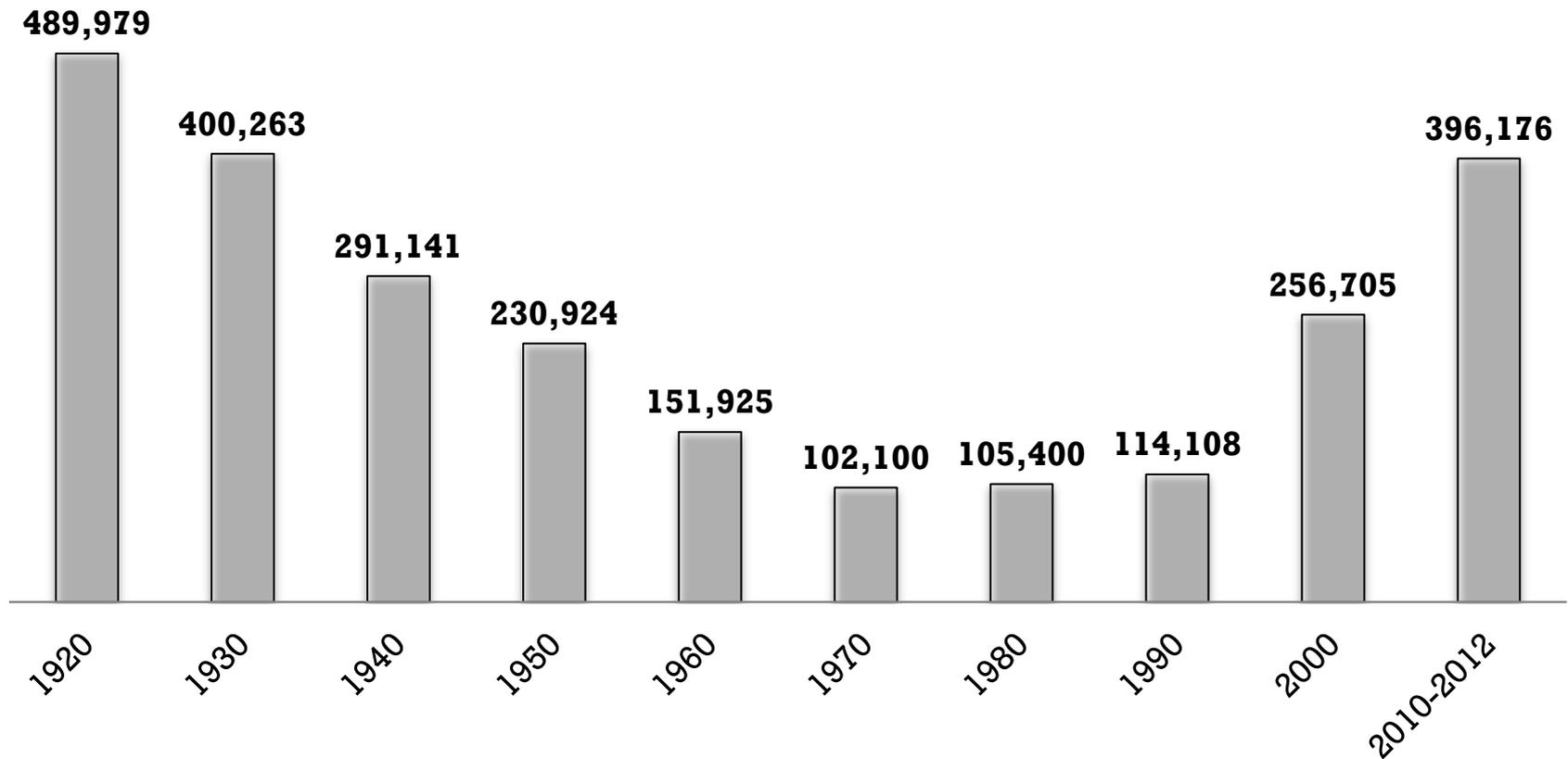
## Percent Foreign-Born in Minnesota, 1970-2009



Source: U.S. Census Bureau



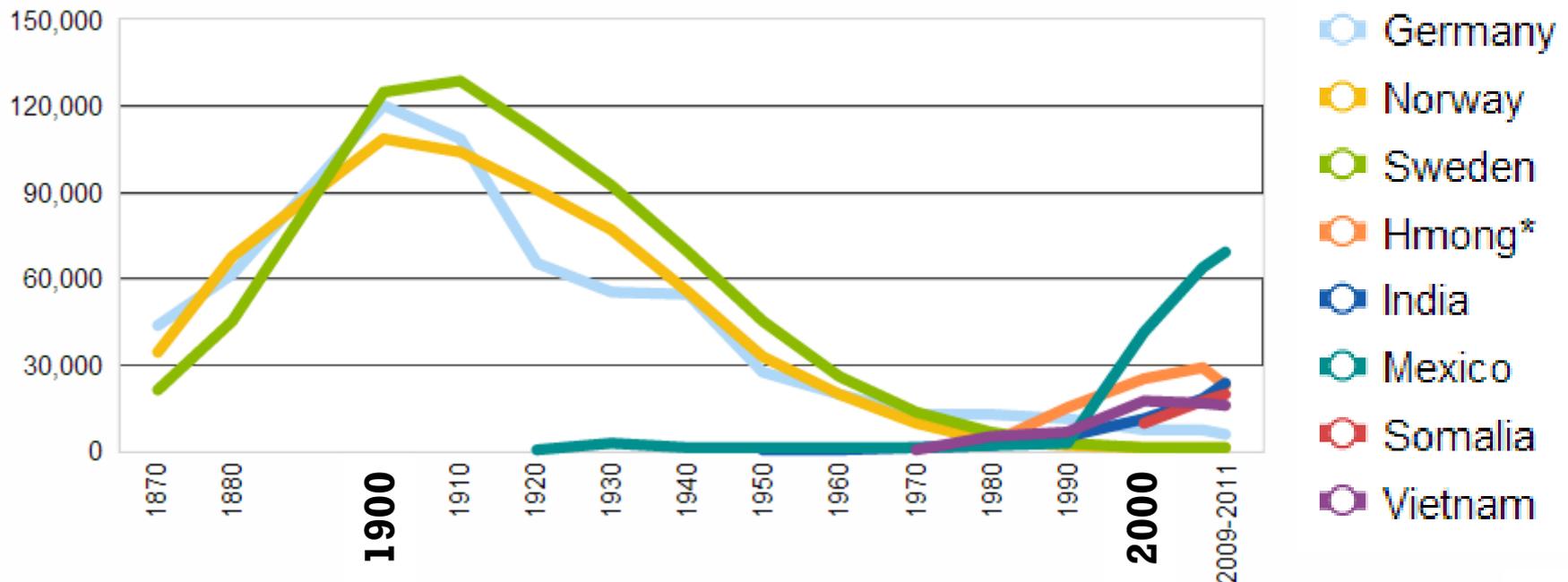
# Number of foreign-born in Minnesota, 1920-2012



Source: IPUMS version of U.S. Census Bureau's decennial censuses and 2010-2012 American Community Survey, Tabulated by MN State Demographic Center.

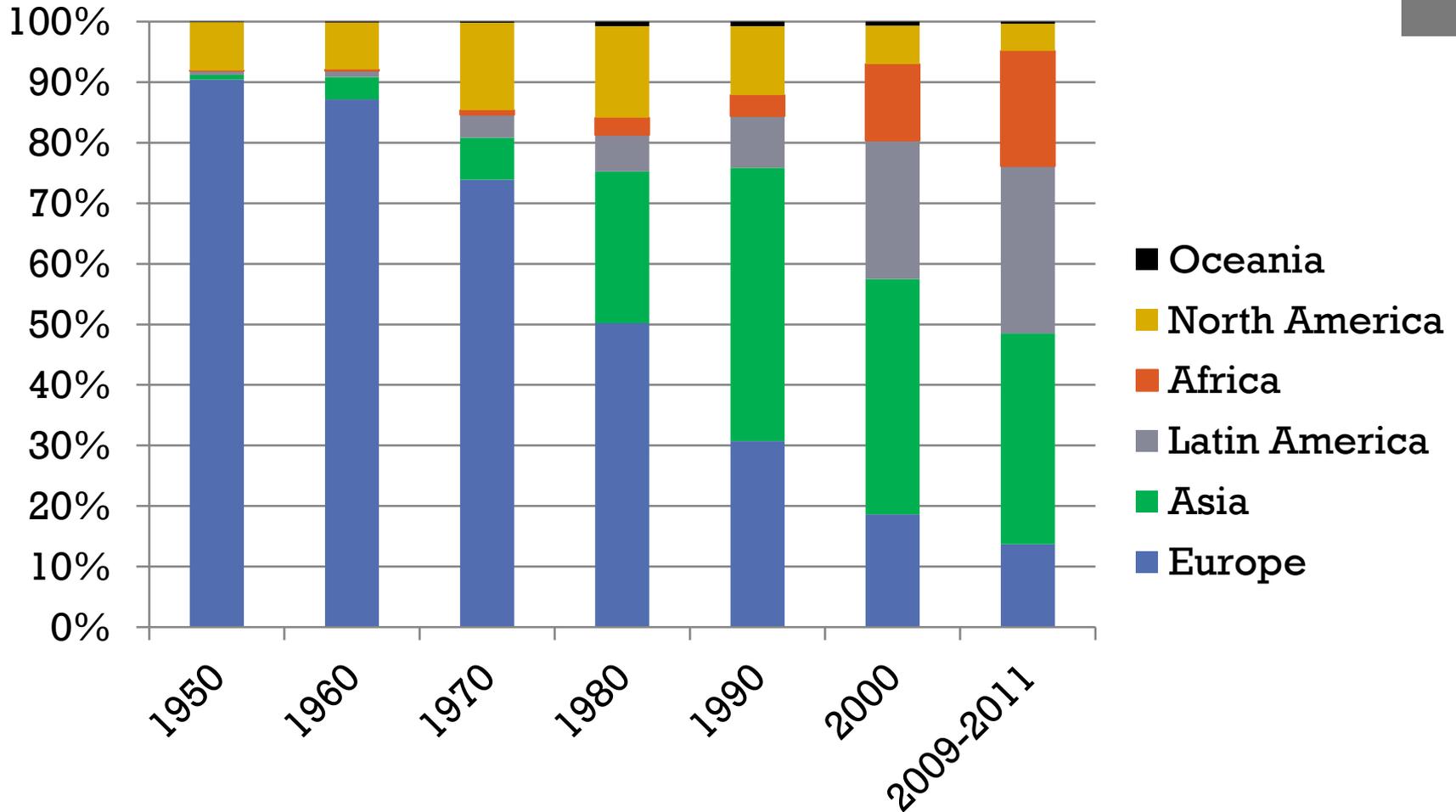
# + By late 1800s, German, Norwegian and Swedish immigrants began to arrive in MN in great numbers

Foreign born population by birthplace  
Minnesota, 1870-2011



Compiled by  
Compass

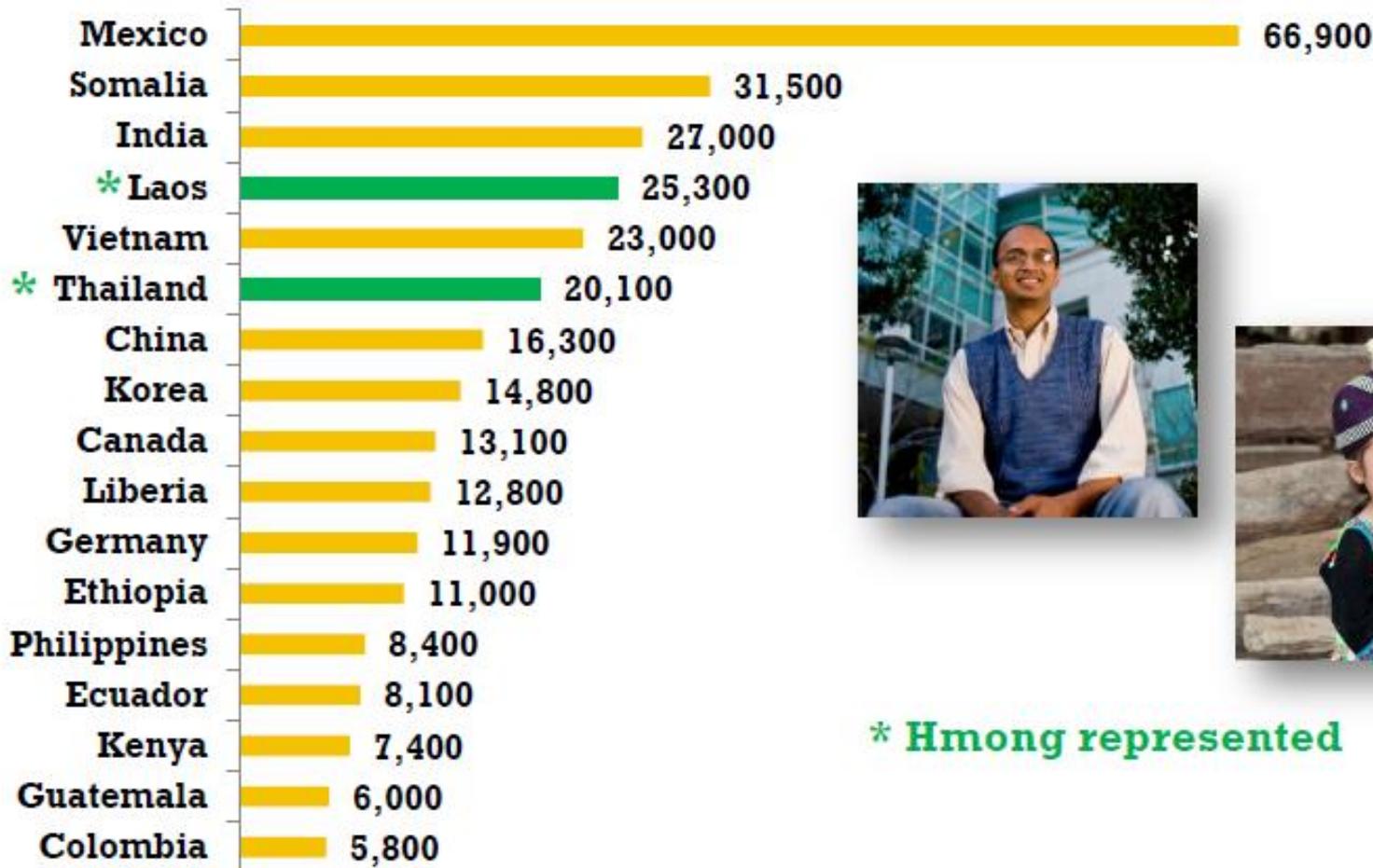
# + Minnesota's foreign-born population has become increasingly diverse



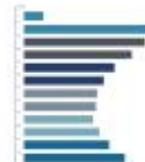
Source: Tabulated by the Minnesota State Demographic Center from the Integrated Public Use Microdata Series



# MN foreign-born populations: Largest groups by country of birth, 2013

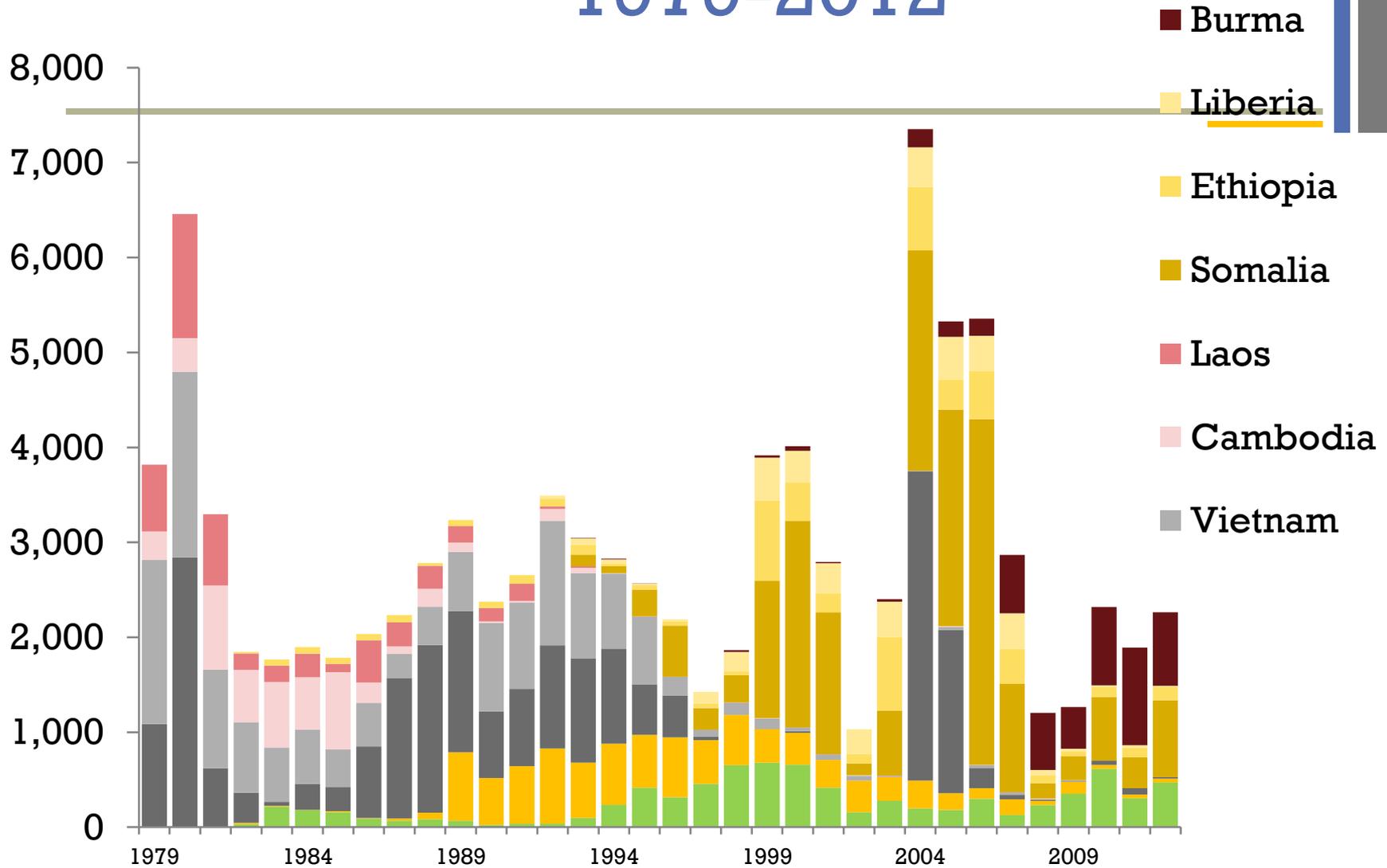


\* Hmong represented





# Primary Refugee Arrivals to MN 1979-2012



Source: Department of Homeland Security, Primary Refugee Arrivals to MN.



# Percent of MN young people who are “children of immigrants”



Under age 20, it's 1 in 6

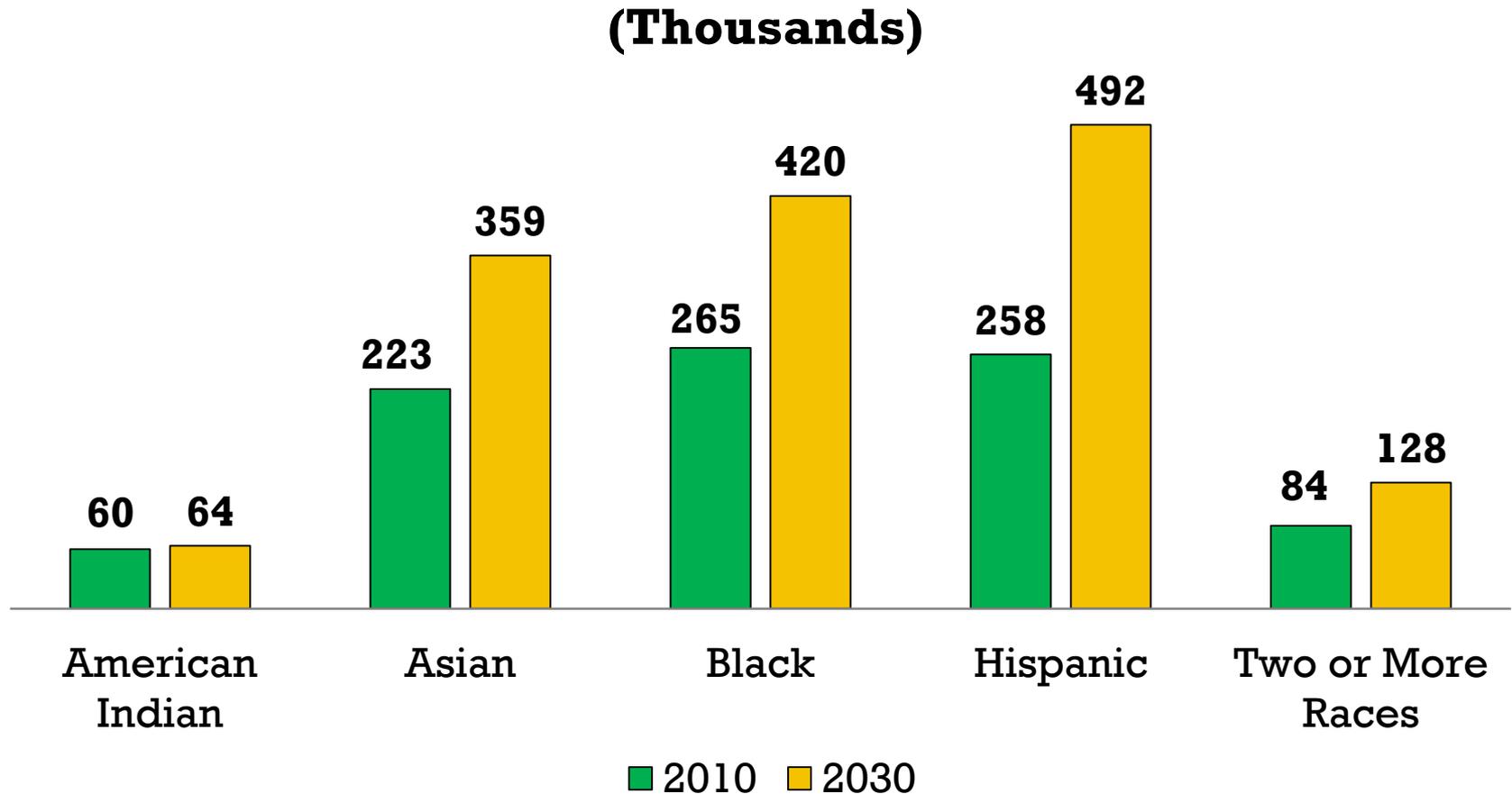


Under age 5, it's 1 in 5

“Children of immigrants” are foreign-born themselves, or have one or two foreign-born parents



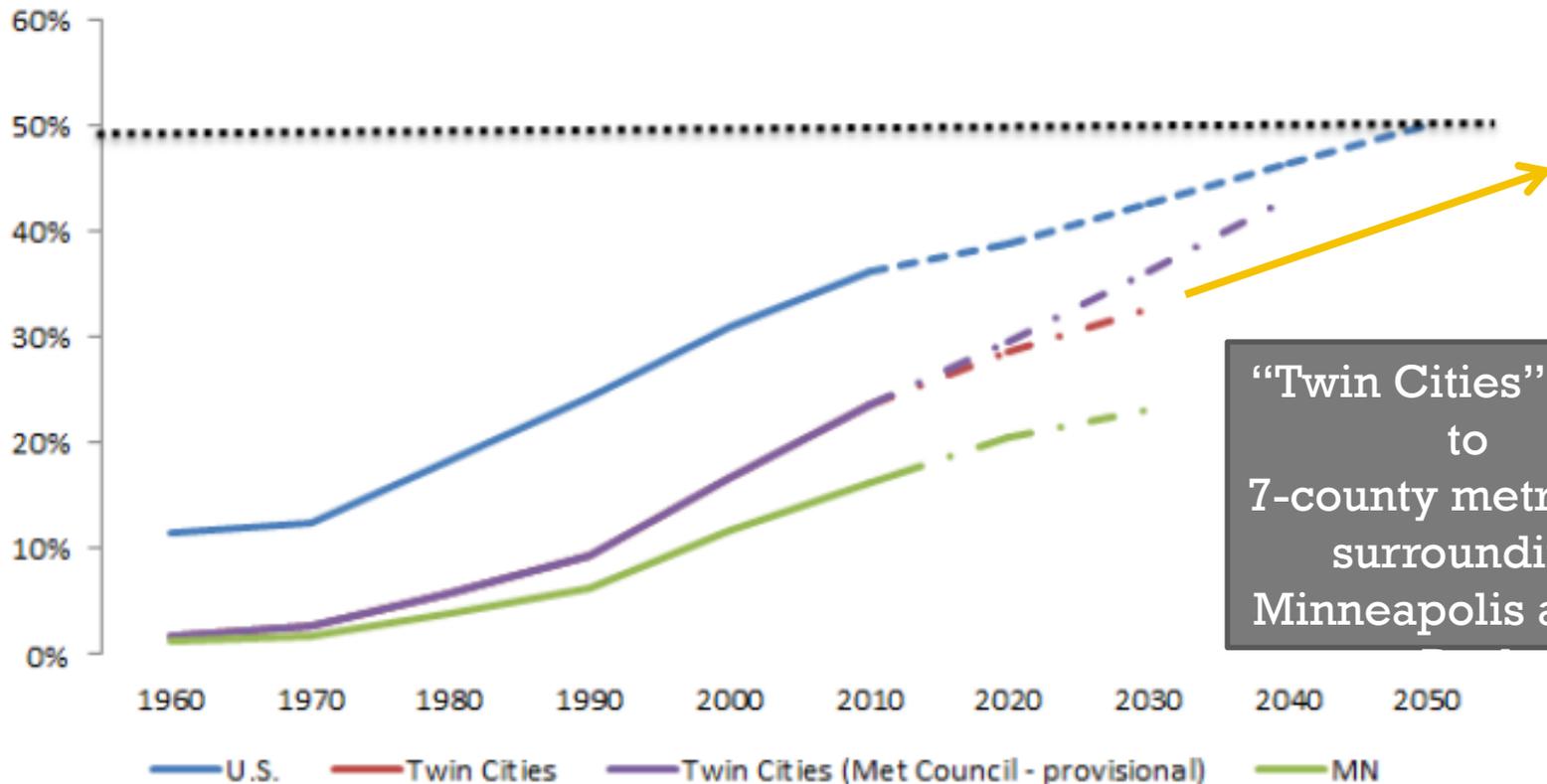
# Largest growth expected among Asian, Black & Hispanic Minnesotans



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



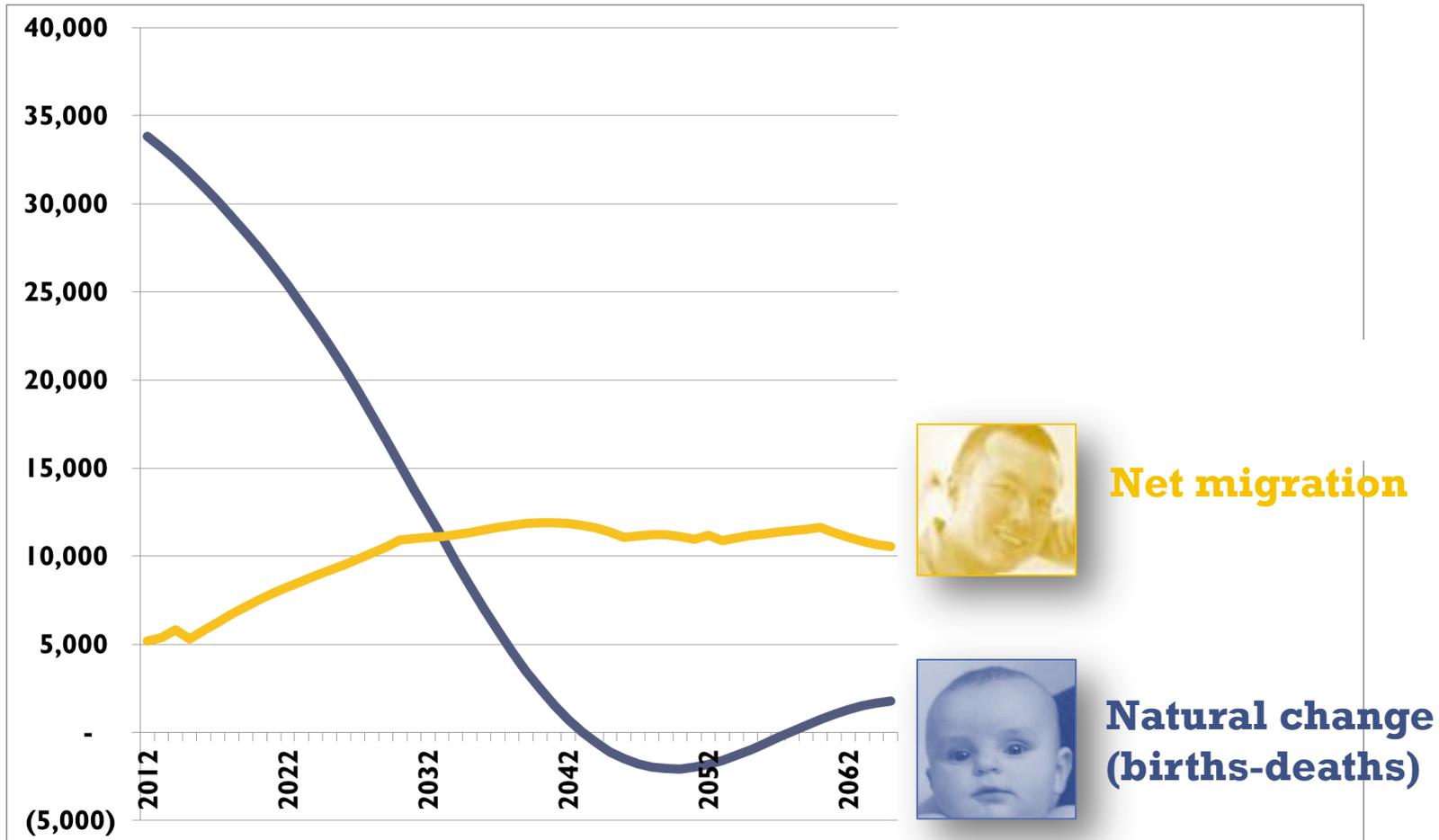
## Population of Color, 1960-2050



“Twin Cities” refers to 7-county metro area surrounding Minneapolis and St.

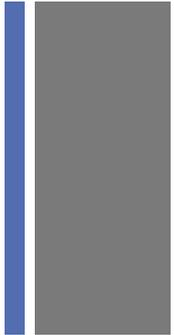


# Net migration will become the major driver of our state's growth

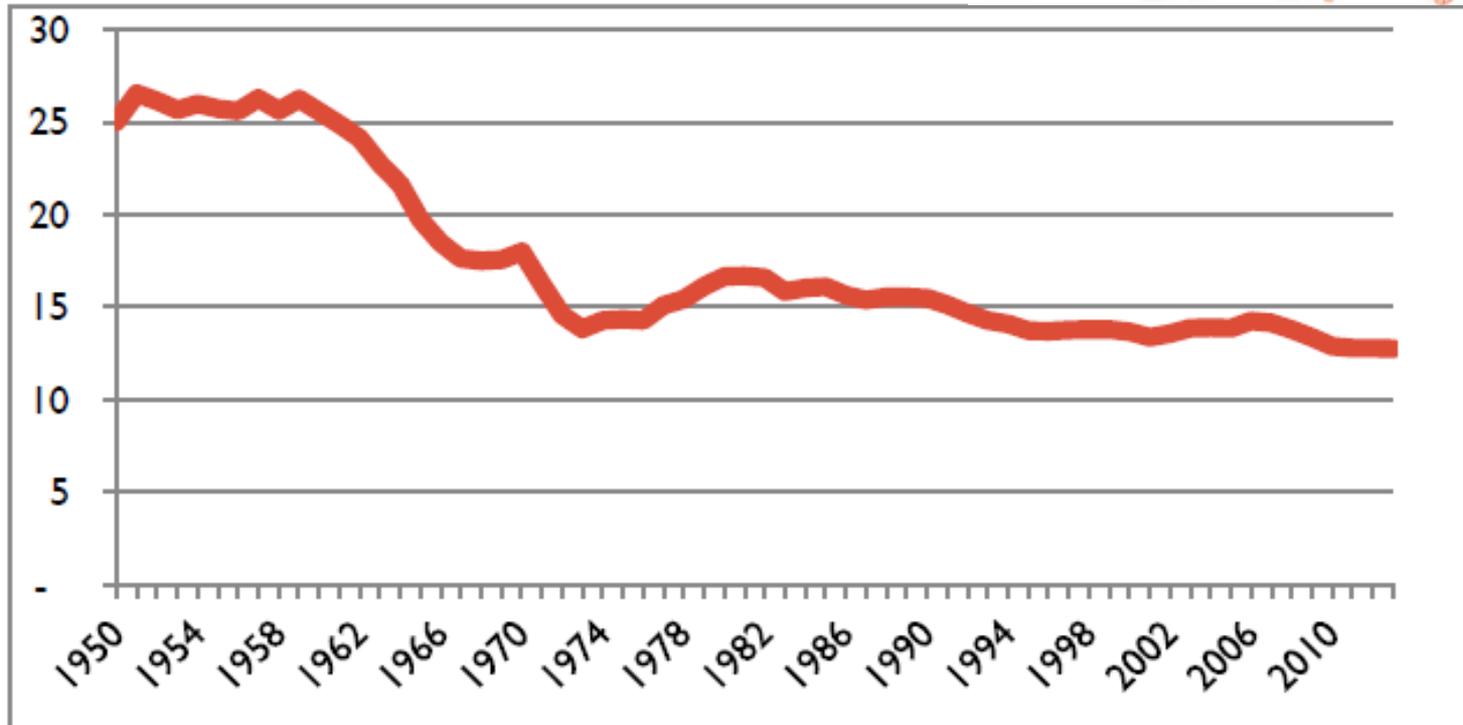




# Minnesotans not as fond of making babies as they were in the past



**Figure 3: Births Per 1,000 Minnesotans, 1950-2013**

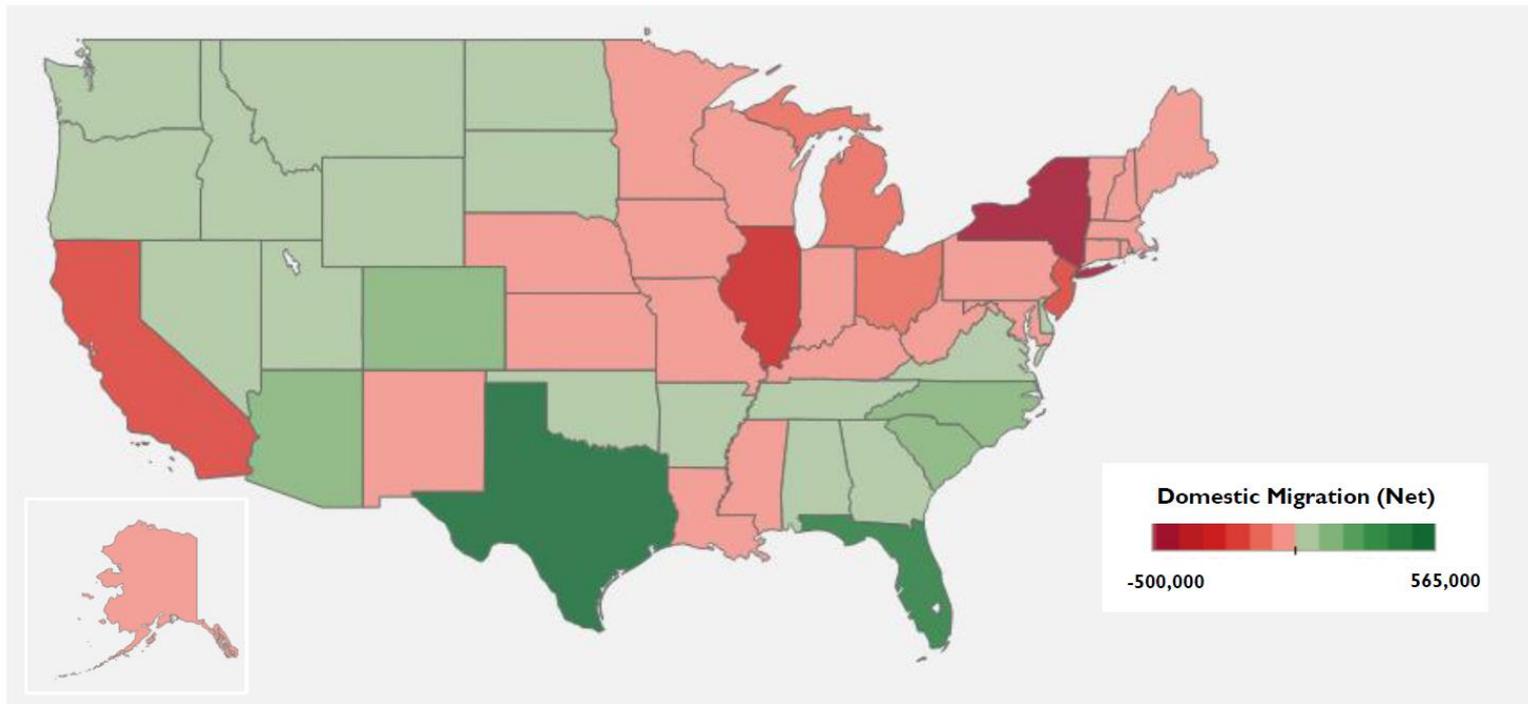


Source: Minnesota Department of Health, Vital Statistics; U.S. Census Bureau, Population Estimates.



# Domestic net migration, by state, since 2010 census

**Figure 6: Domestic Net Migration, By State, April 1, 2010 – July 1, 2014**



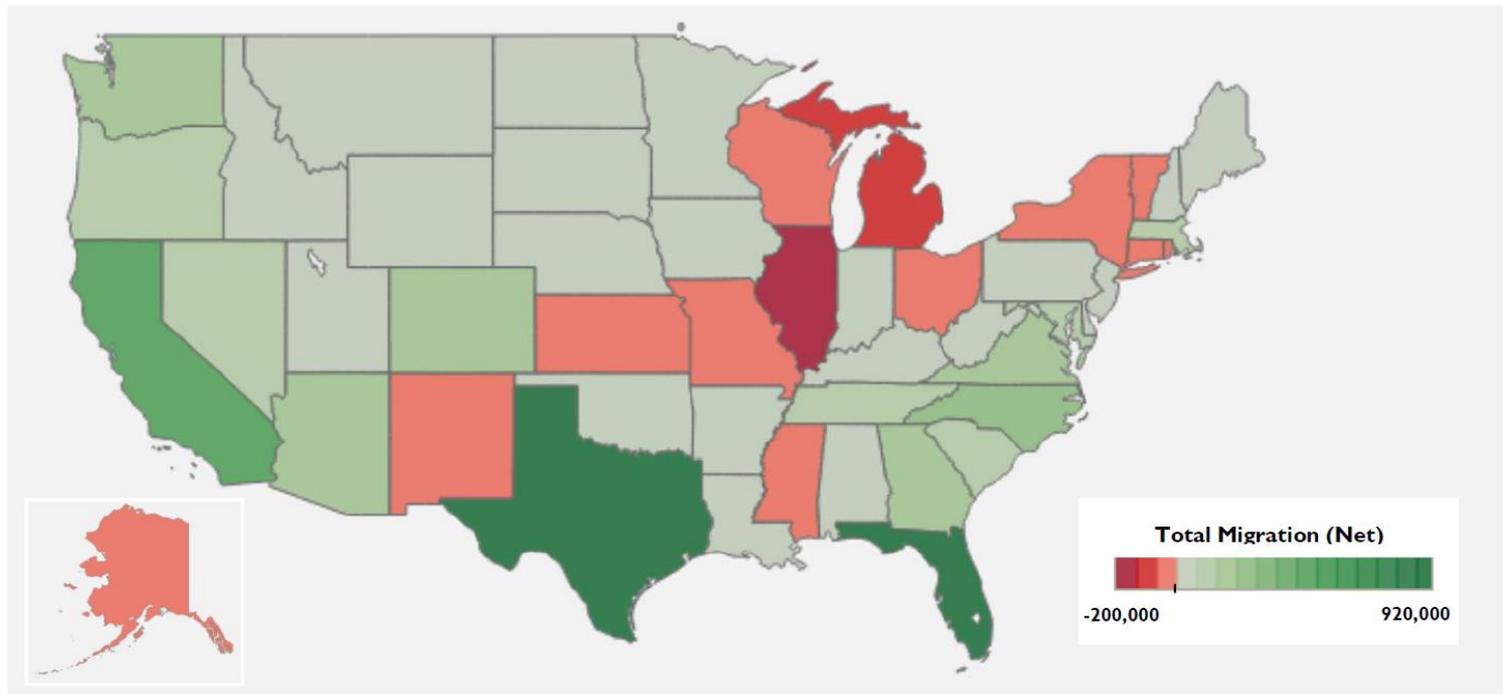
Source: U.S. Census Bureau, 2014 Population Estimates. Note: Domestic plus international figures may not equal totals due to rounding and a "residual," the result of controlling county populations to the national population for the entire set of estimates.

For interactive map online, see: [https://public.tableausoftware.com/views/MigrationReportMapping/DomesticMigrationNet?:embed=y&:display\\_count=no](https://public.tableausoftware.com/views/MigrationReportMapping/DomesticMigrationNet?:embed=y&:display_count=no)



# Total net migration, by state, since 2010 census

Figure 5: Total Net Migration, By State, April 1, 2010 – July 1, 2014



Source: U.S. Census Bureau, 2014 Population Estimates. Note: Domestic plus international figures may not equal totals due to rounding and a "residual," the result of controlling county populations to the national population for the entire set of estimates.  
For interactive map online, see: [https://public.tableausoftware.com/views/MigrationReportMapping/TotalMigrationNet?:embed=y&display\\_count=no](https://public.tableausoftware.com/views/MigrationReportMapping/TotalMigrationNet?:embed=y&display_count=no)



The future  
will look  
very  
different  
from today.

# + And Finally...

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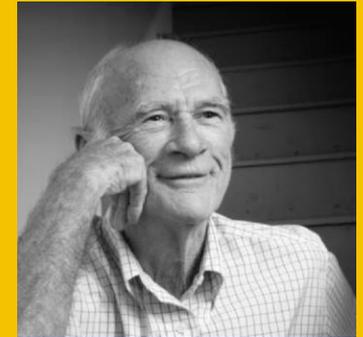
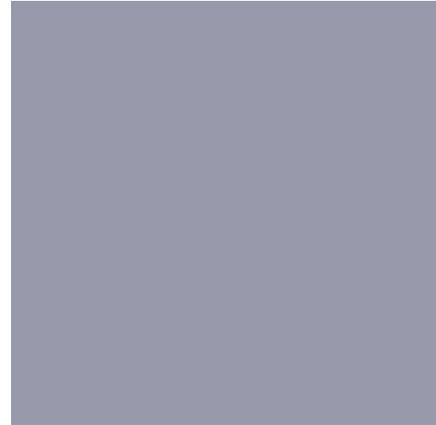
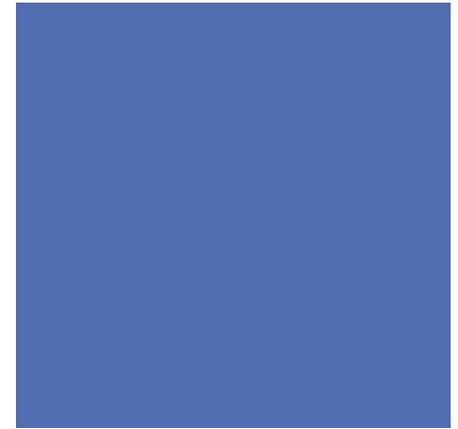
Community leaders will need to be brave, creative, collaborative, and adaptive in responding to these demographic changes.

You are part of the solution!



Questions?  
Comments?

**Thank you!**





Minnesota State Demographic Center

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**mn.gov/demography**

**@MN\_StateData**

