

# How much are Alaska and the U.S. projected to grow?

10:30 to 11:15 a.m.

- David Howell, State Demographer, Alaska DOLWD
- Anne Morse, Survey Statistician, U.S. Census Bureau
- Moderator: Liz Brooks, Research Analyst, Alaska DOLWD

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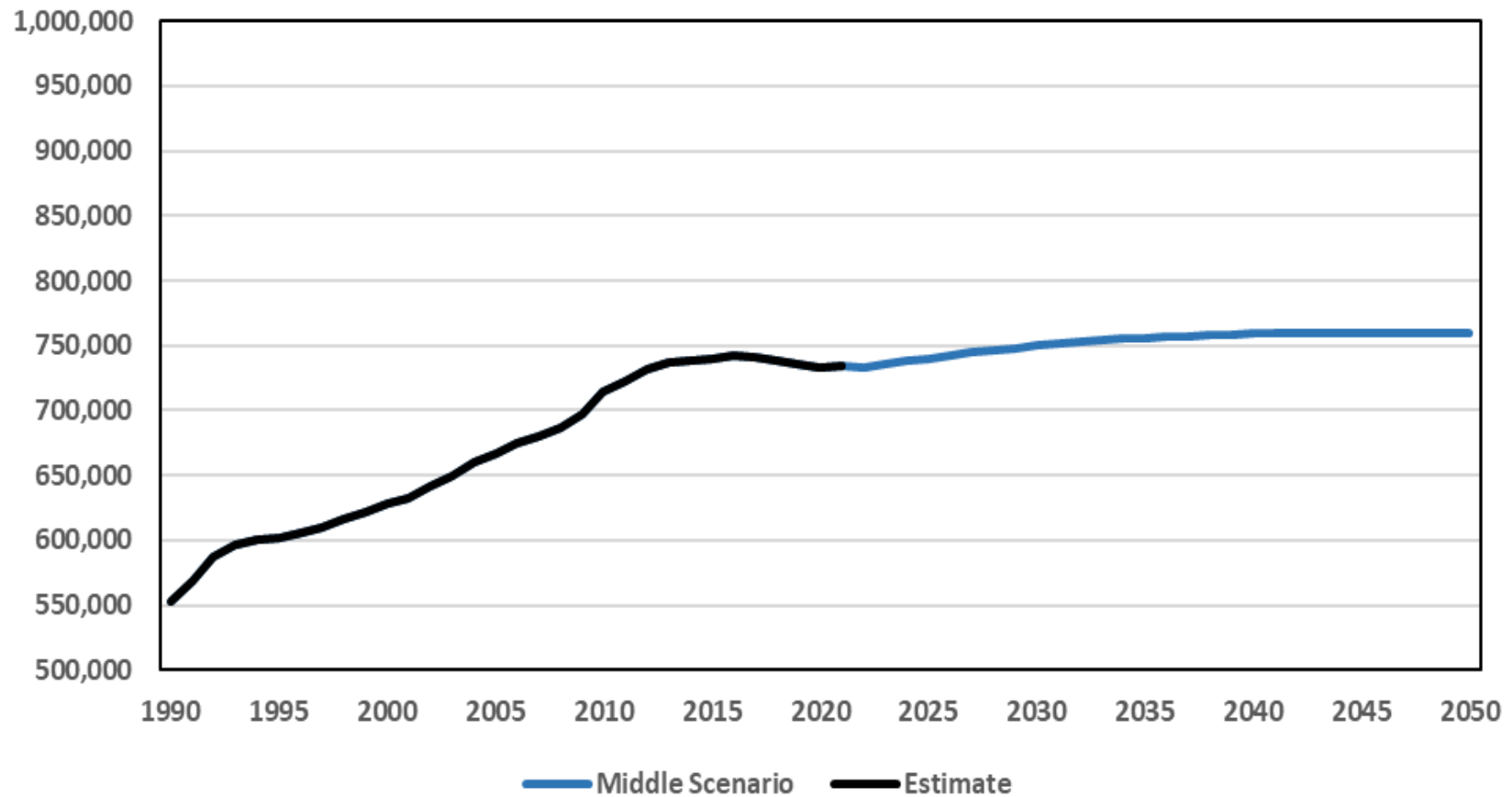
The screenshot shows the website header with the Department of Labor and Workforce Development logo and the text "RESEARCH AND ANALYSIS". A search bar is located in the top right. A red circle highlights the "MENU" button with a close icon (X) in the top right navigation bar. A red arrow points from the "MENU" button to the "EMAIL SUBSCRIPTIONS" link in the footer. The footer also includes a "SITE MAP" link. The main content area is organized into several columns with various data categories and links.

LABOR MARKET INFORMATION	TRENDS MAGAZINE	OTHER ECONOMIC DATA
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Unemployment Rate	UNEMPLOYMENT SYSTEM DATA	Alaska Housing Information
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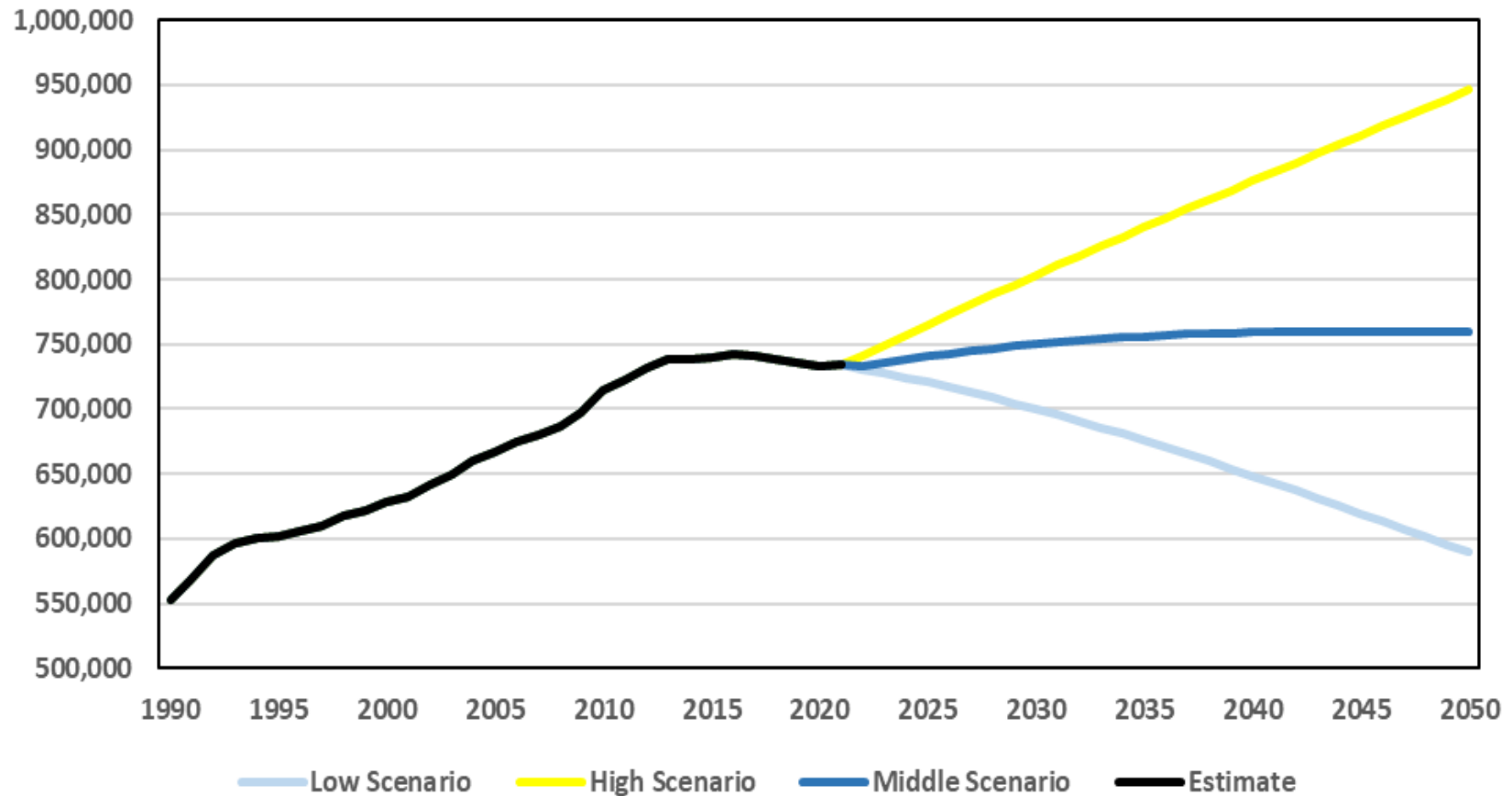
**SITE MAP**  
**EMAIL SUBSCRIPTIONS**

How much is Alaska  
projected to grow?

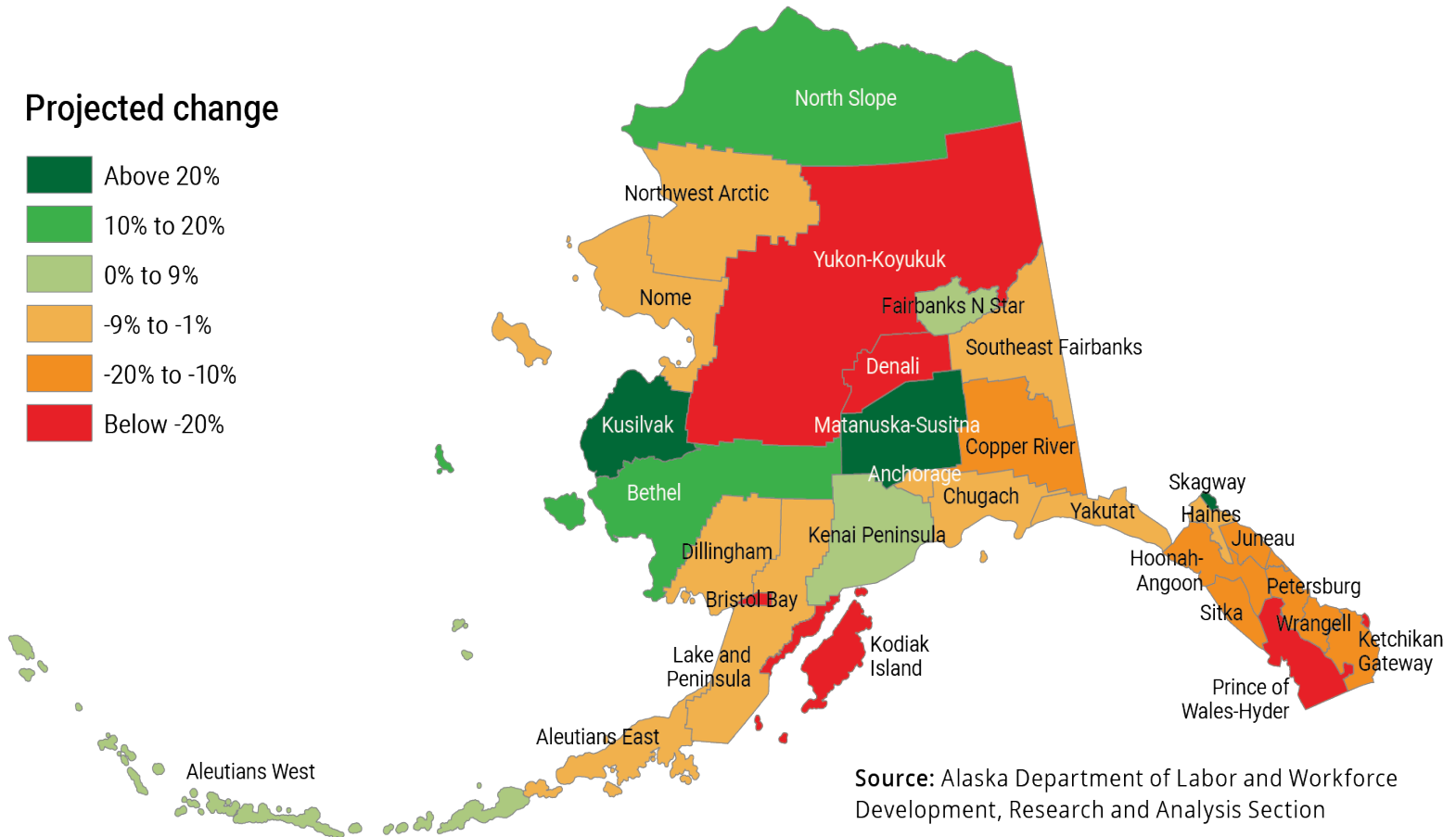
## Total Population, 1990-2050



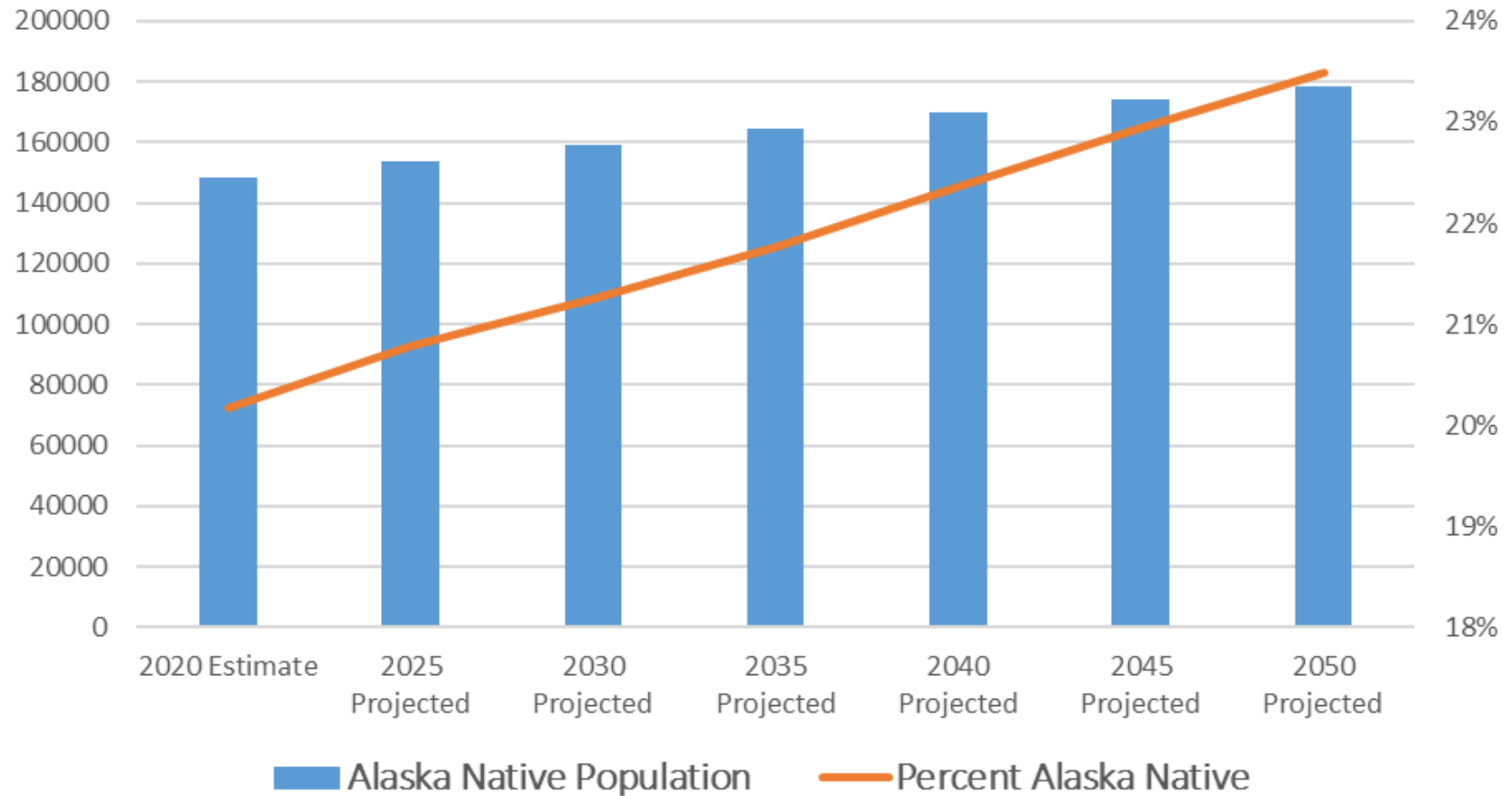
# Total Population, 1990-2050



# Population projections by borough or census area, 2021 to 2050



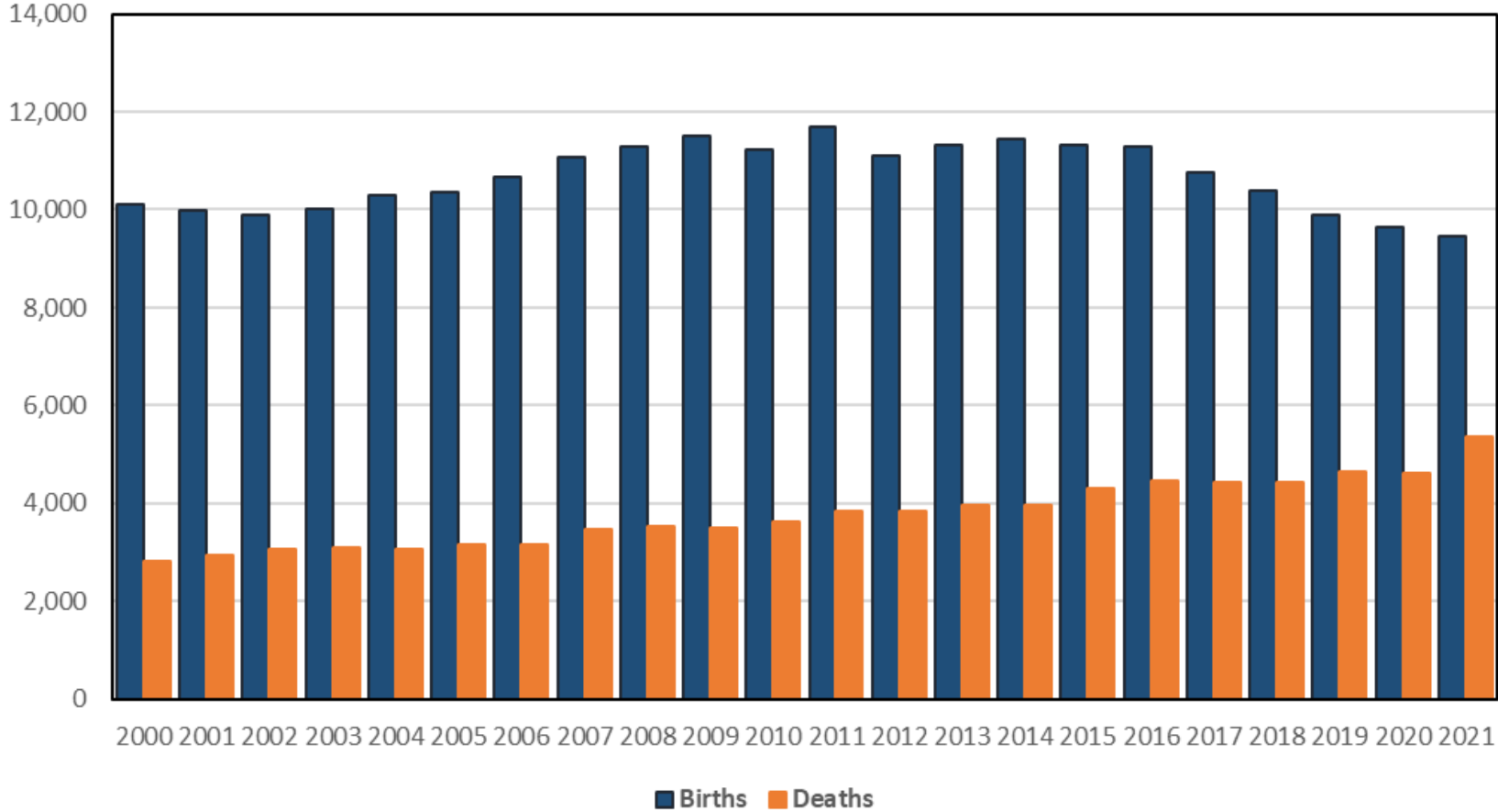
## Alaska Native Population, 2020-2050



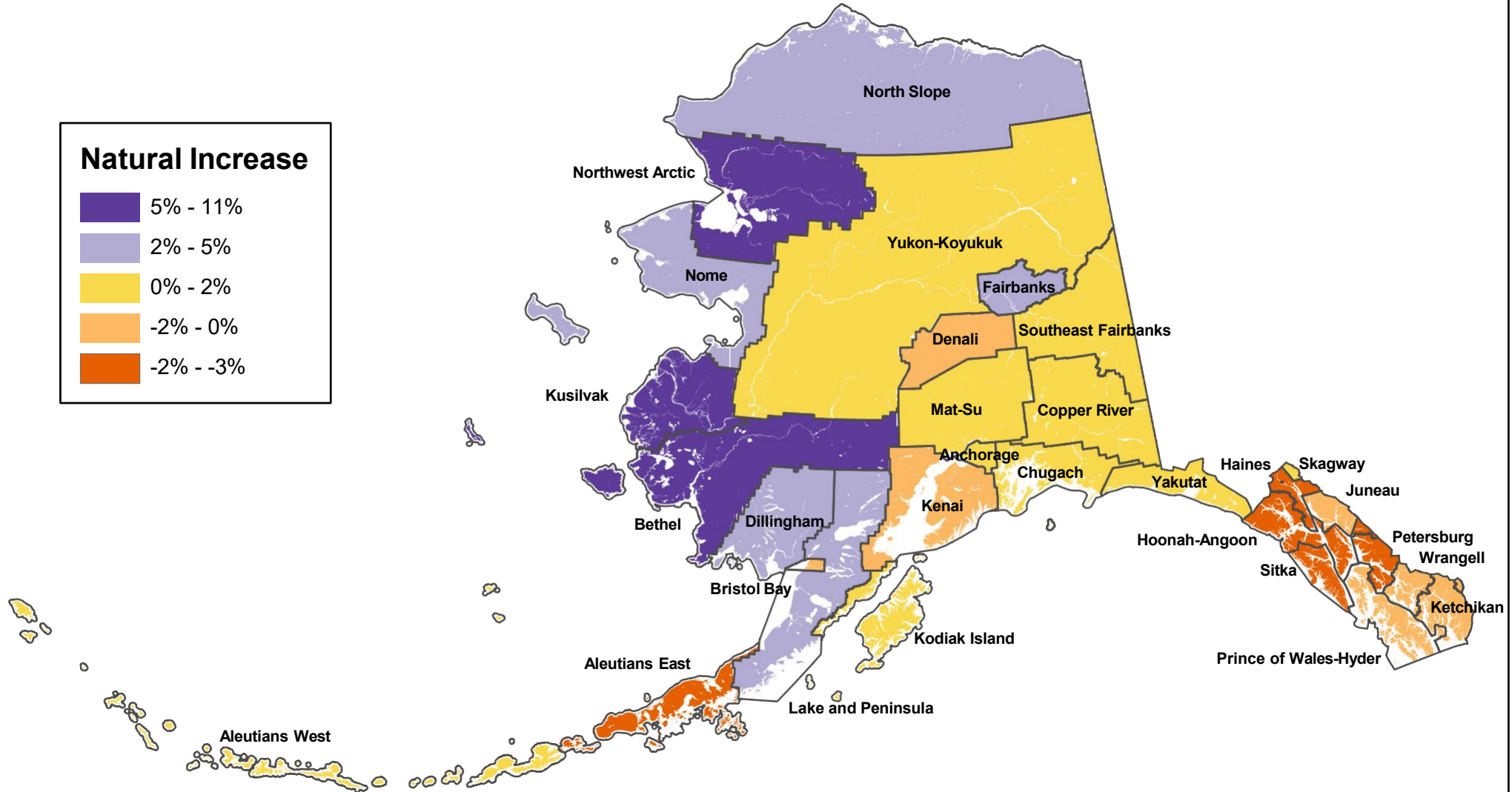
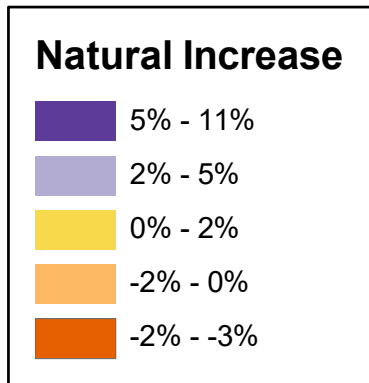
What are the drivers of  
growth?



# Births and Deaths by Year

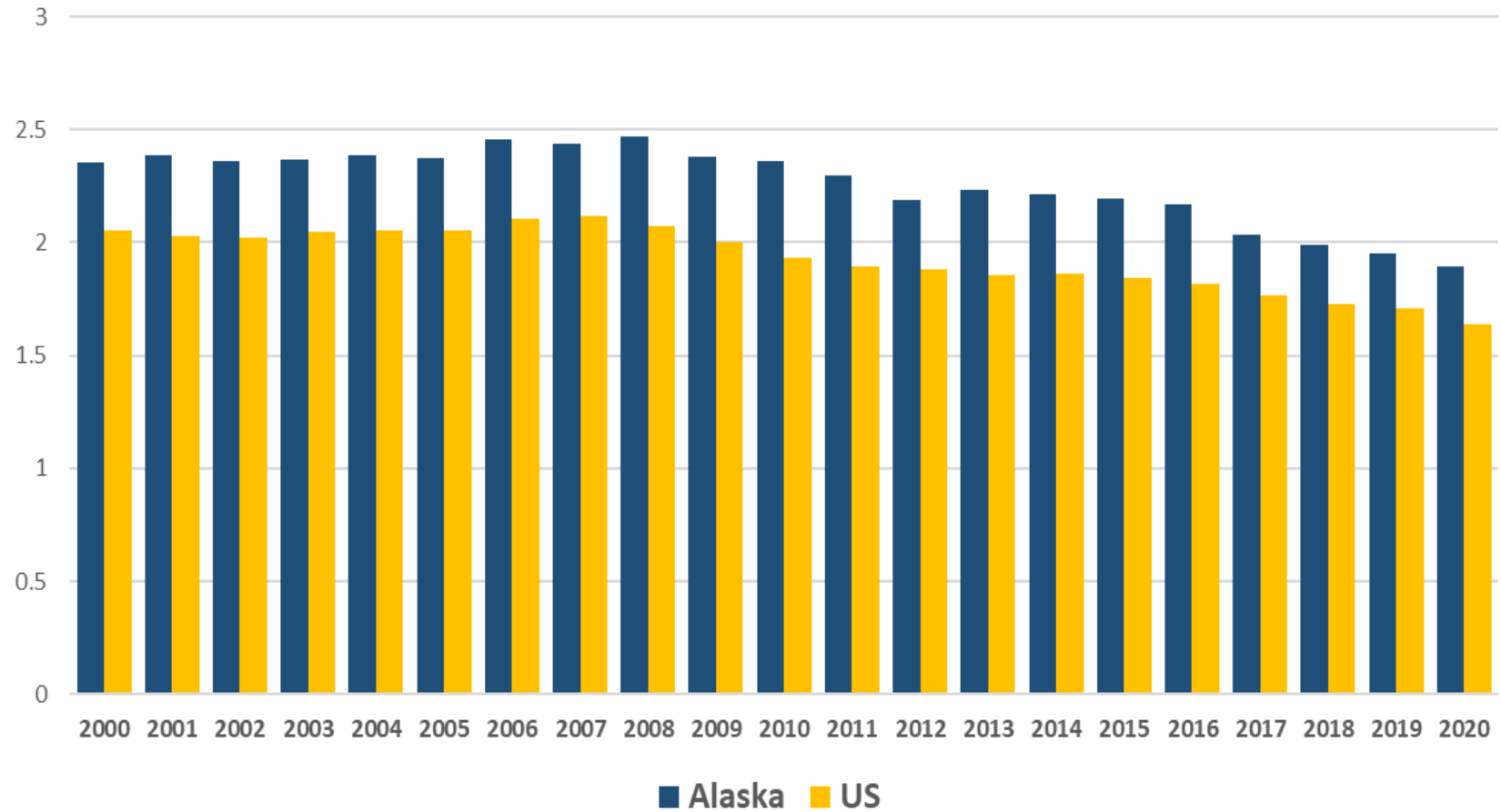


# Rate of Natural Increase by Borough and Census Area

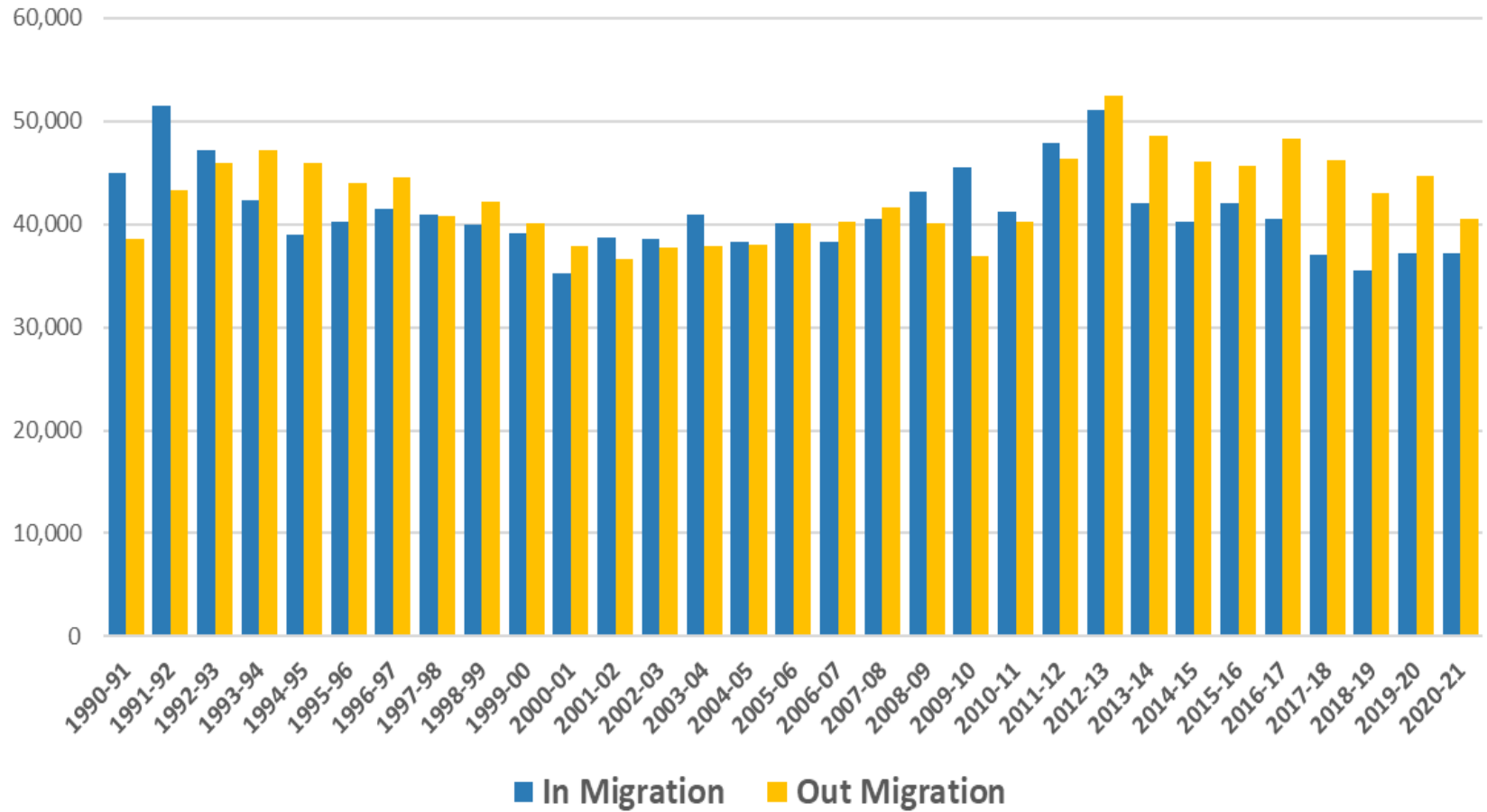


How have growth trends  
changed?

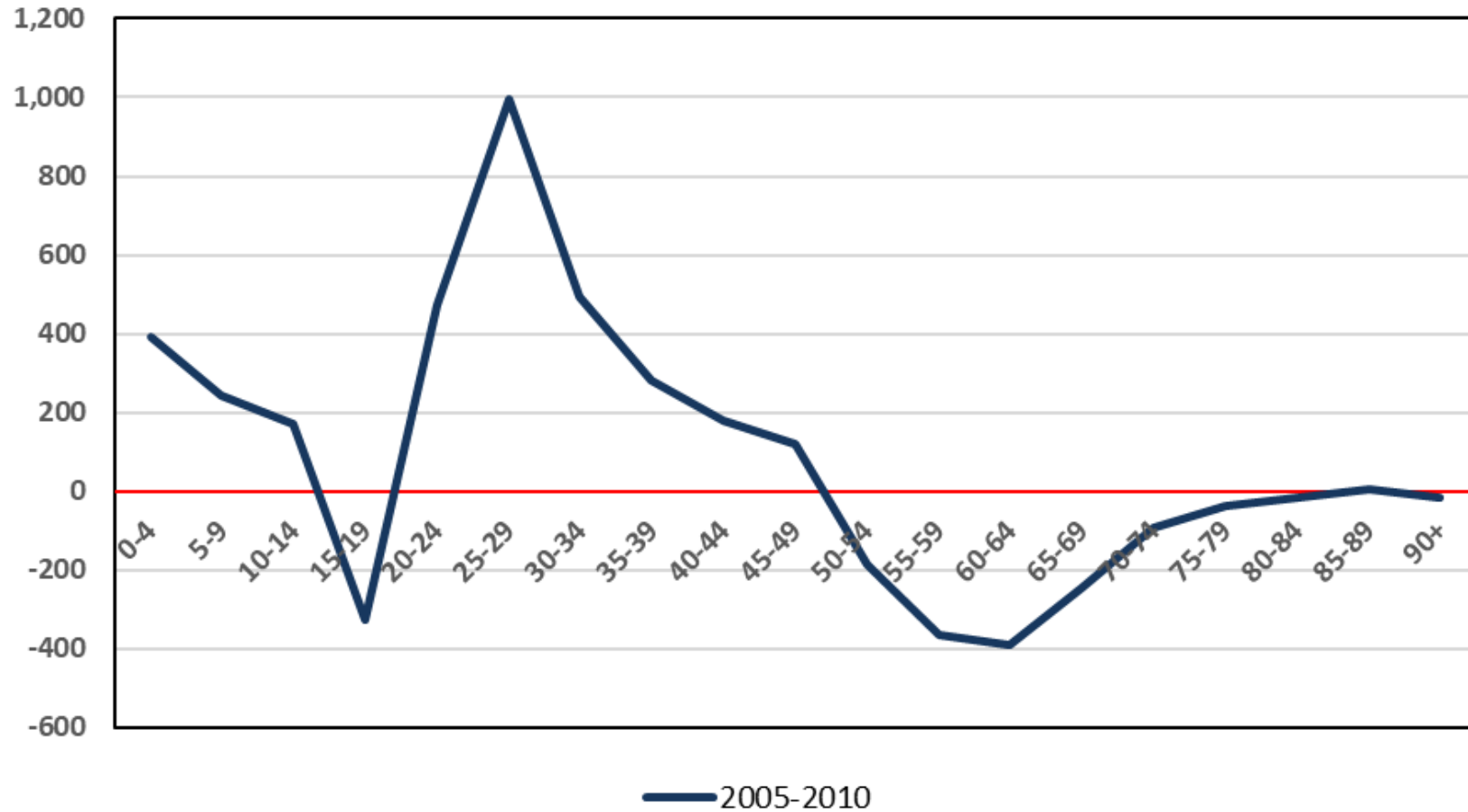
## Total Fertility Rate by Year



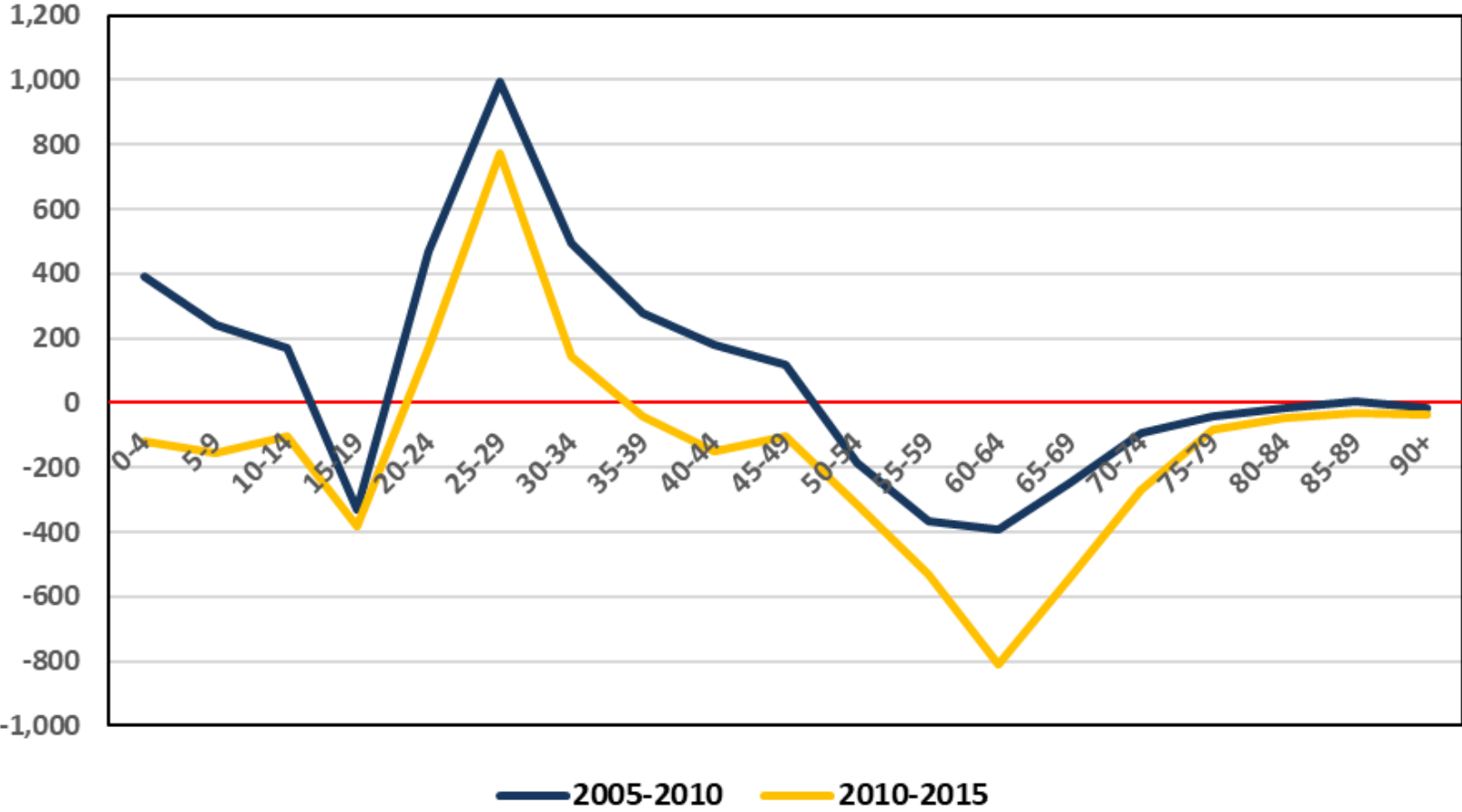
## Gross Migration by Year



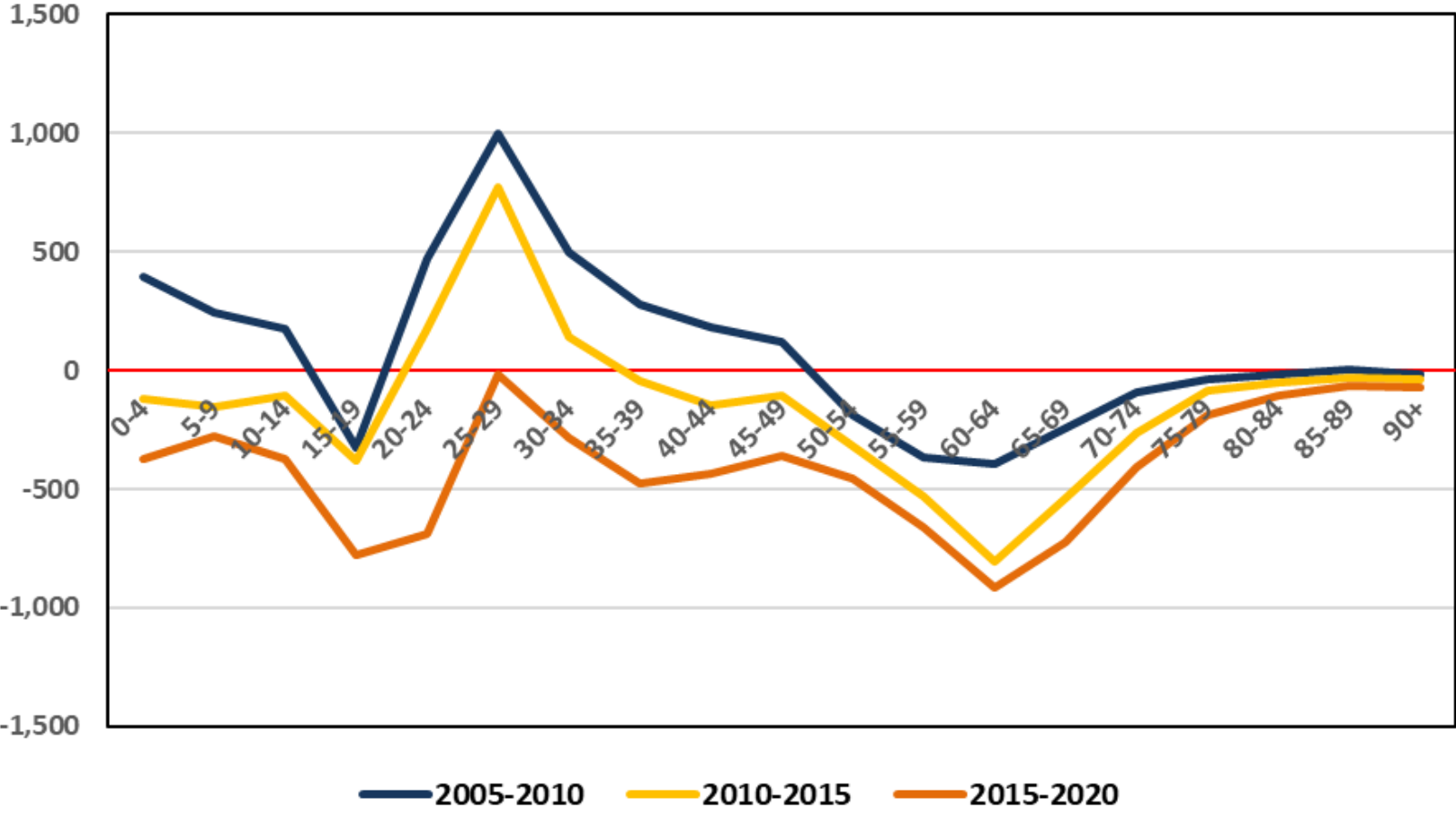
## Net Migration 2005-2010



### Net Migration 2005-2010, 2010-2015



### Net Migration 2005-2010, 2010-2015, 2015-2020





# A Changing Nation

## Population Projections Under Alternative Immigration Scenarios

Anne Morse [Huércanos], Ph.D.

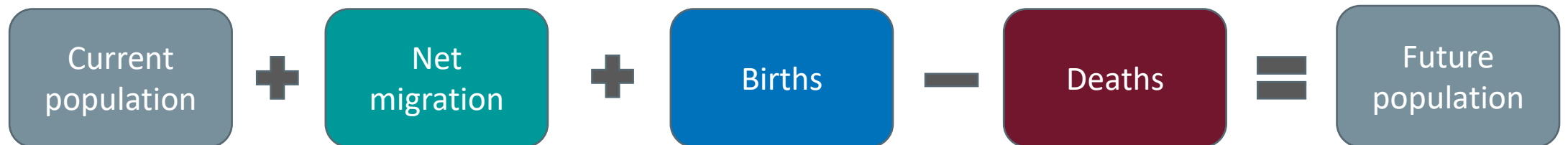
Population Evaluation, Analysis, and Projections Branch  
Population Division

October 11, 2022

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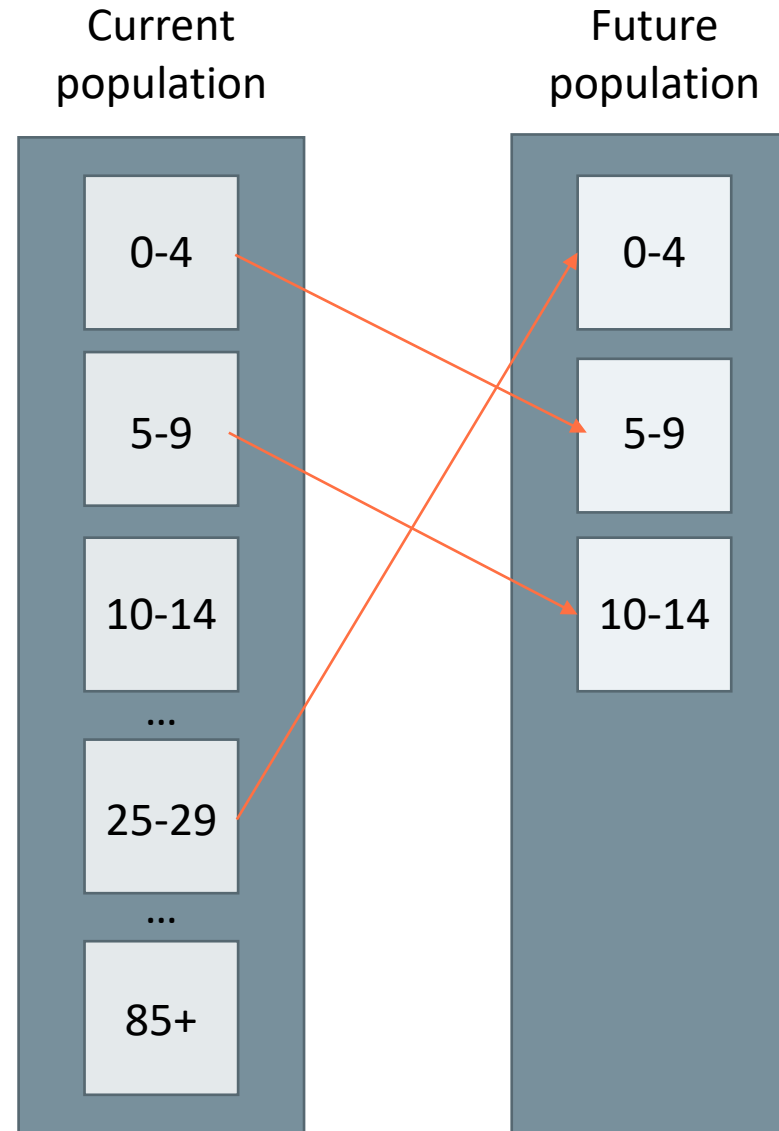
# What are projections?

- Estimates of the population for future dates
- Components of population change
  - Migration
  - Fertility
  - Mortality



# What are projections? (cont.)

- Projections answer the question: “If we apply these assumptions about fertility, mortality, and migration to the population, what would the future population look like?”

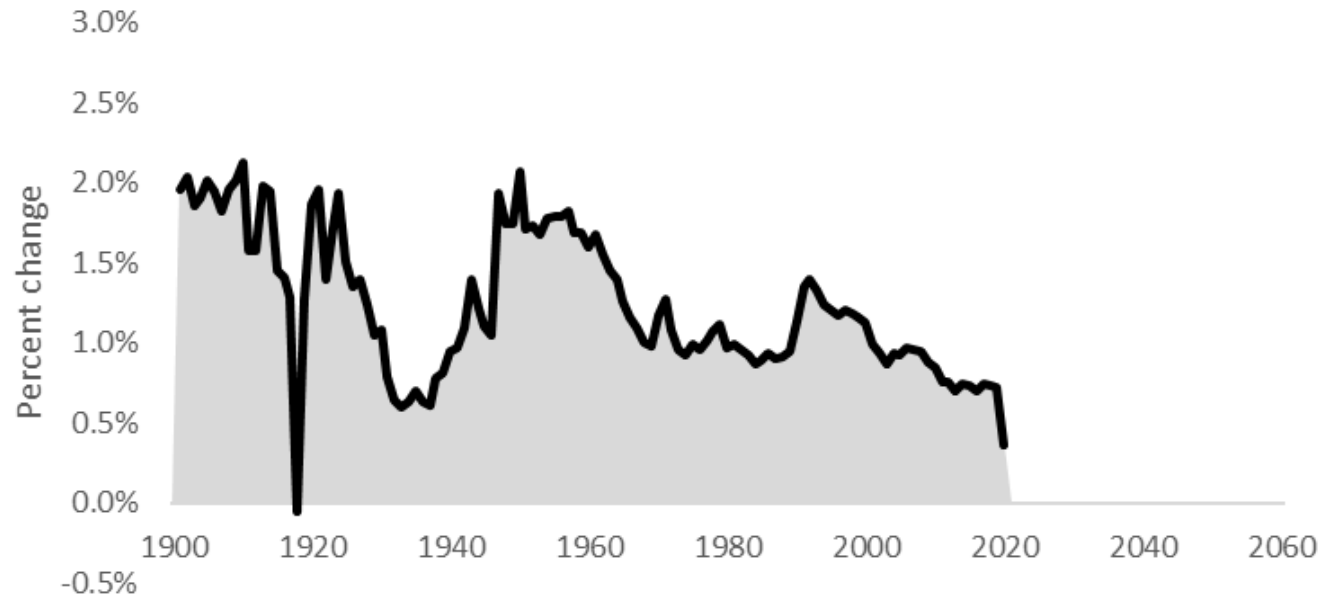


# 2017 National Projections

- Projections of U.S. population (2017-2060) by:
  - Age
  - Sex
  - Race
  - Hispanic origin
  - Nativity
- Three alternative immigration scenarios
  - High
  - Low
  - Zero

# Big picture: population

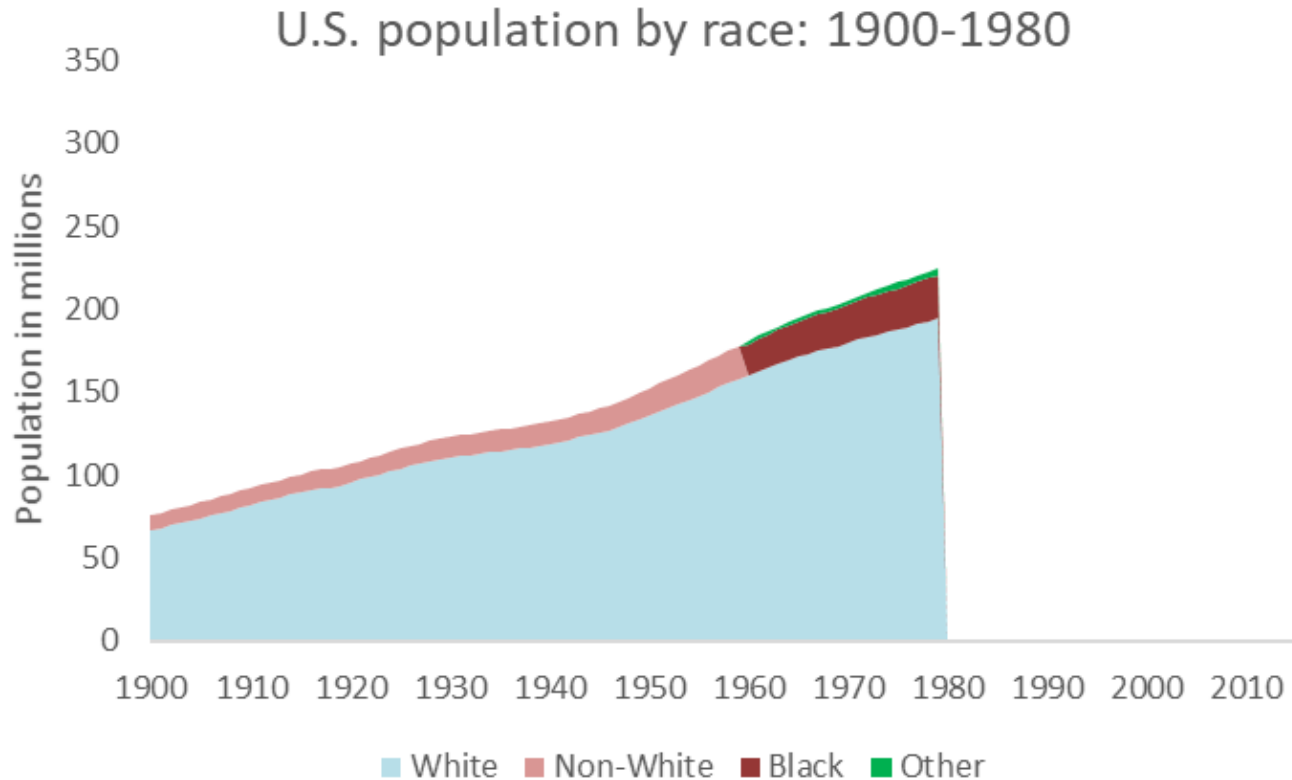
Annual percent change in U.S. population:  
1900-2020



- US population still increasing
- Increase is lower than previously

Source: U.S. Census Bureau, 2020 Decennial Census, Intercensal Estimates (1900-2009),  
Vintage 2020 Estimates (2010-2020)

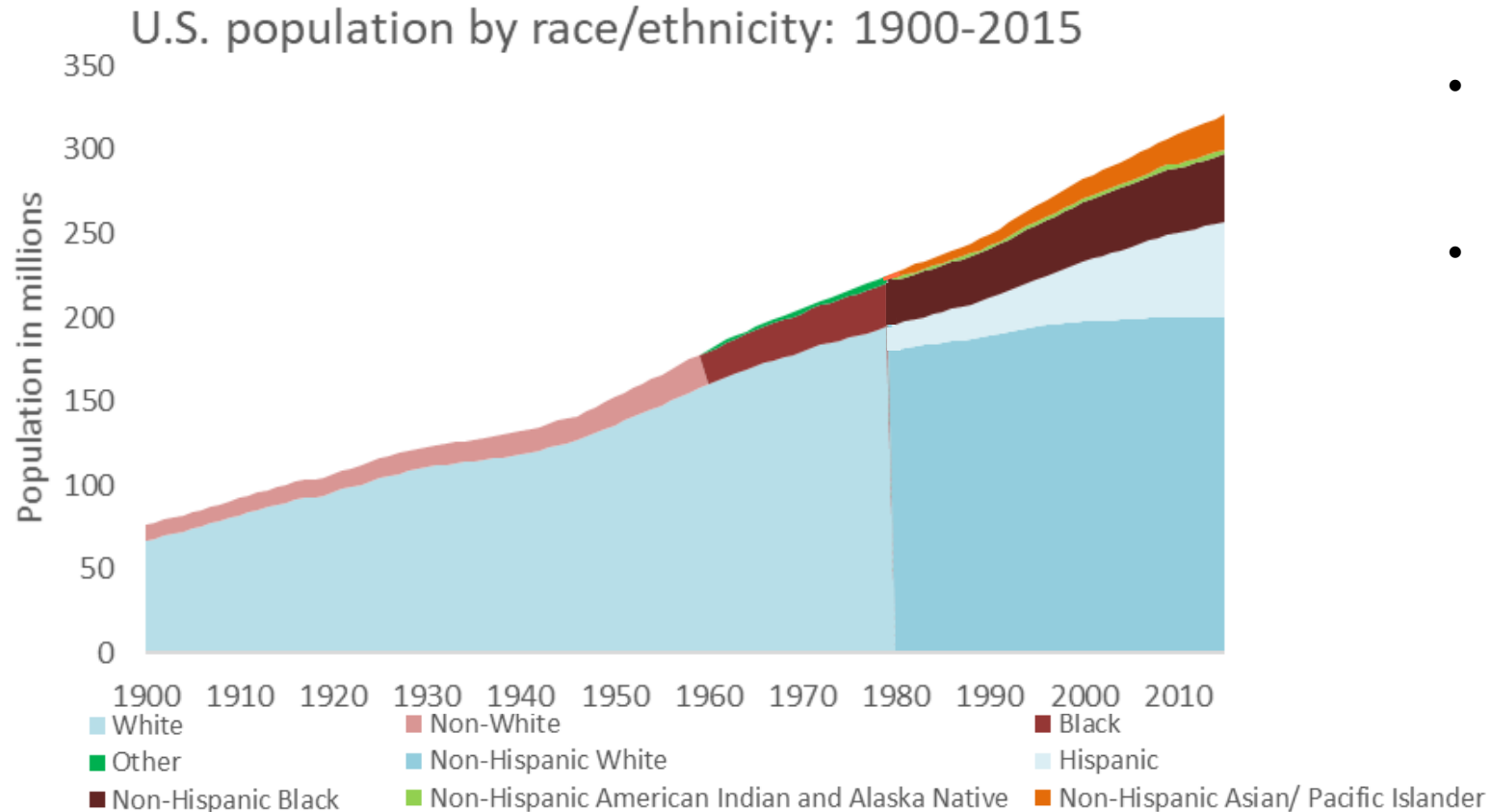
# Population by race



Source: U.S. Census Bureau, Intercensal Estimates (1900-1980)

- Race categories have changed over time
- All race groups have grown in size
- The White group grew at a slightly lower rate

# Population by race/ethnicity



- Race/ethnicity categories have changed over time
- Changes in data can come from changes in the population or from changes in methods/measurement

Source: U.S. Census Bureau, Intercensal Population Estimates (1900-2010)

# Components of change: migration

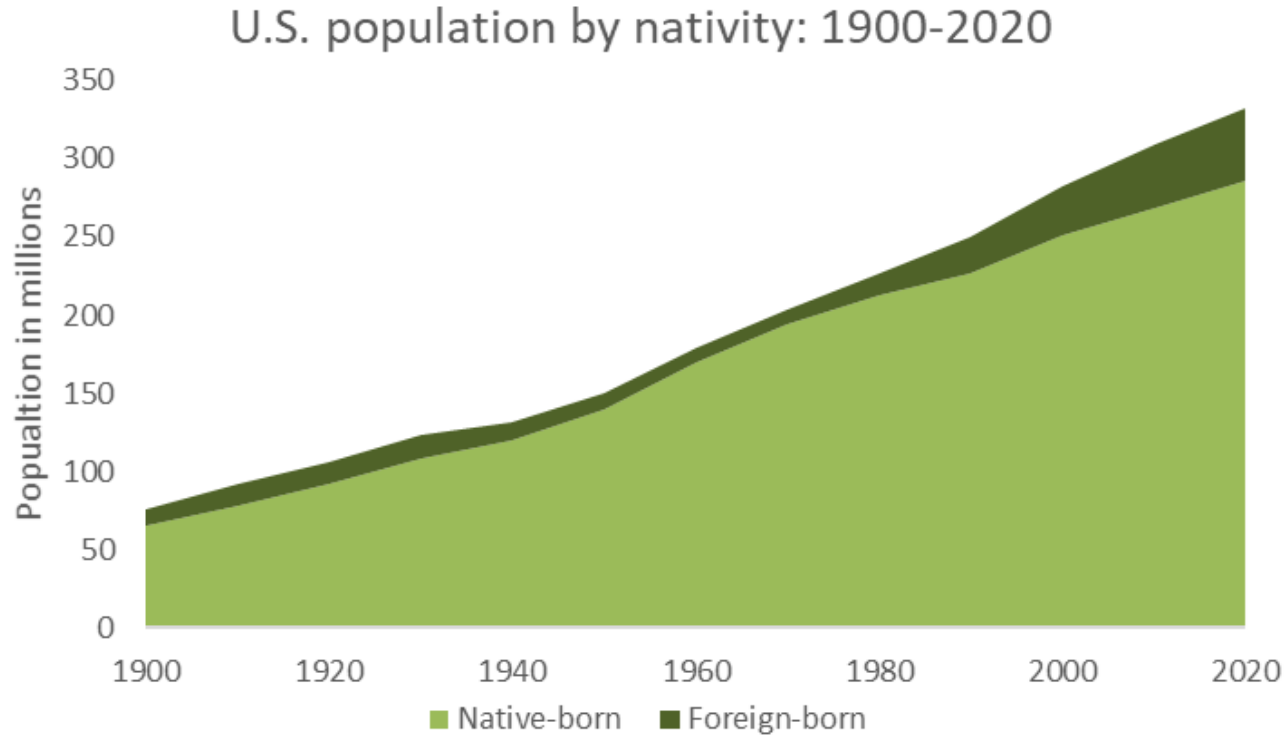


- Levels of migration change over time
- Migration is relatively high, but not at an unprecedented level

Source: U.S. Census Bureau, Population Division, Working Paper POP-WP029



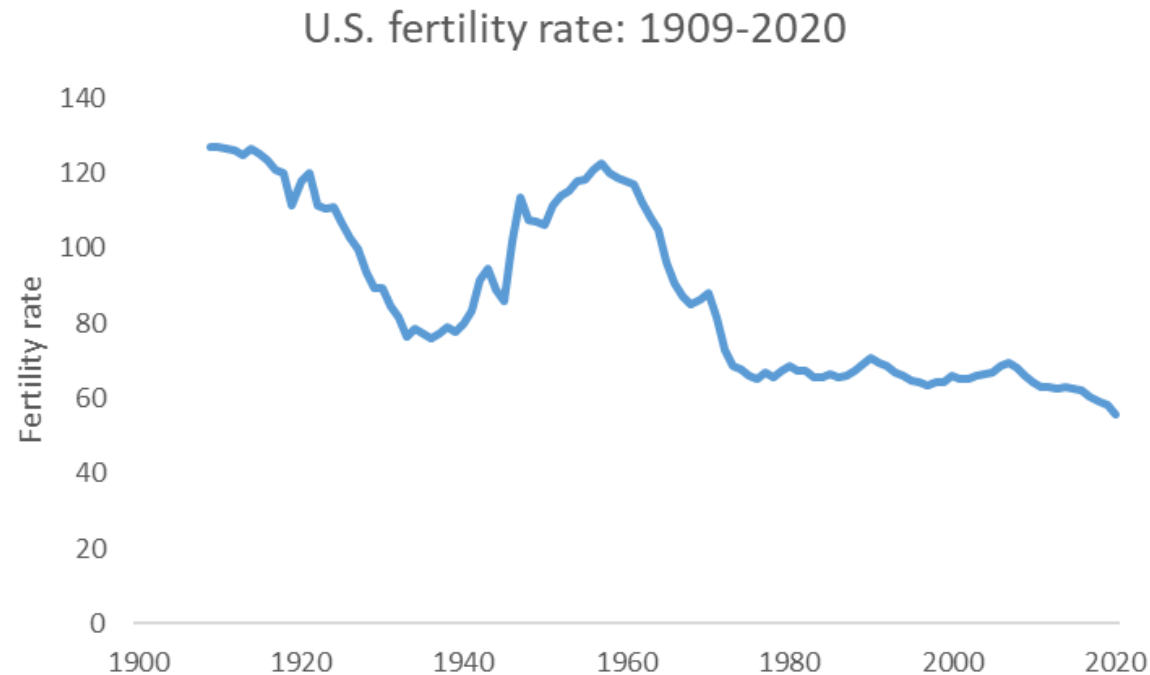
# Components of change: migration (cont.)



- Levels of migration change over time
- Migration is relatively high, but not at an unprecedented level
- The number and share of the population who are foreign born is increasing

Source: U.S. Census Bureau, Population Division, Working Paper POP-WP029

# Components of change: fertility

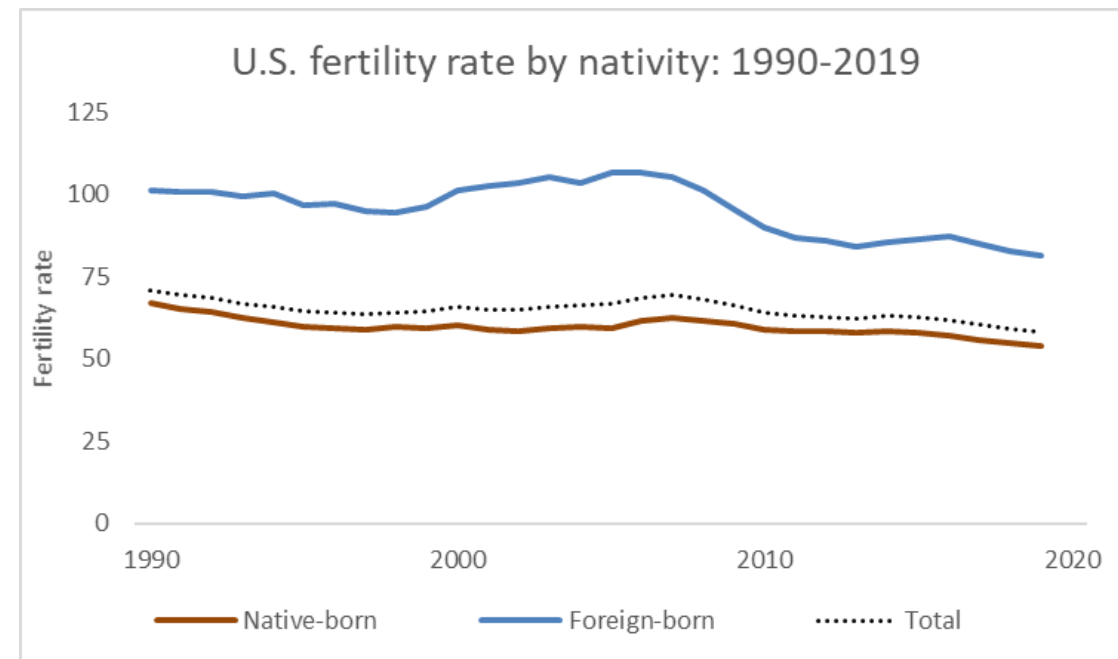
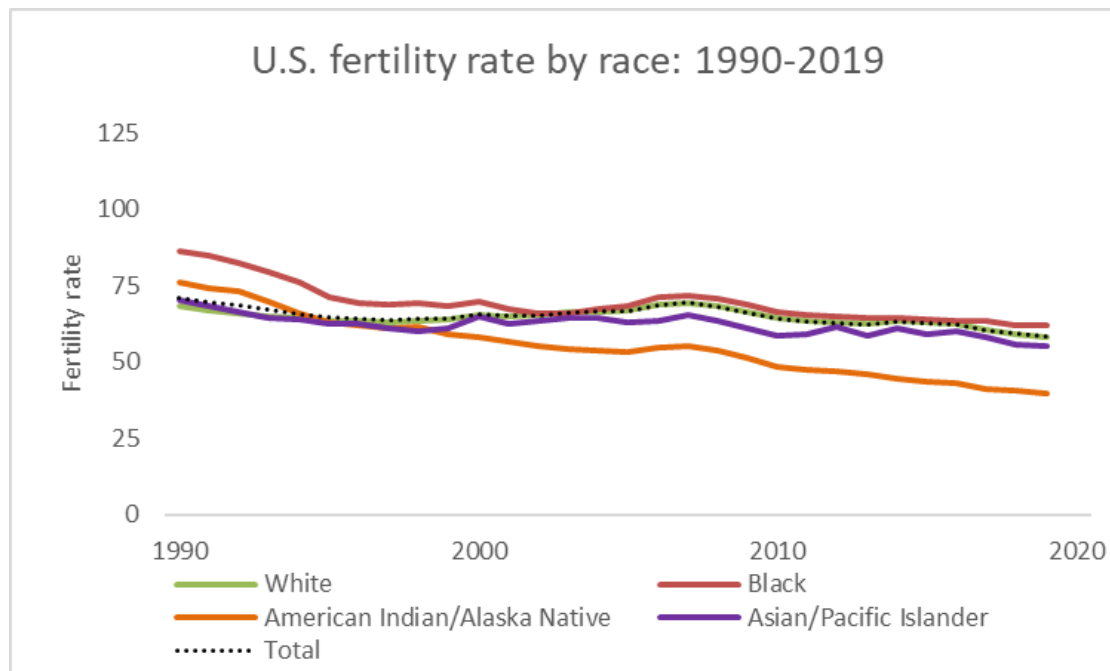


- Fertility decline in the U.S. began in the late 19<sup>th</sup> century
- There was a baby boom in the 1946-1964
- In the last 50 years, fertility rates have been comparatively stable, but decreasing slowly

Note: Fertility rate is births per 1,000 women ages 15-44.

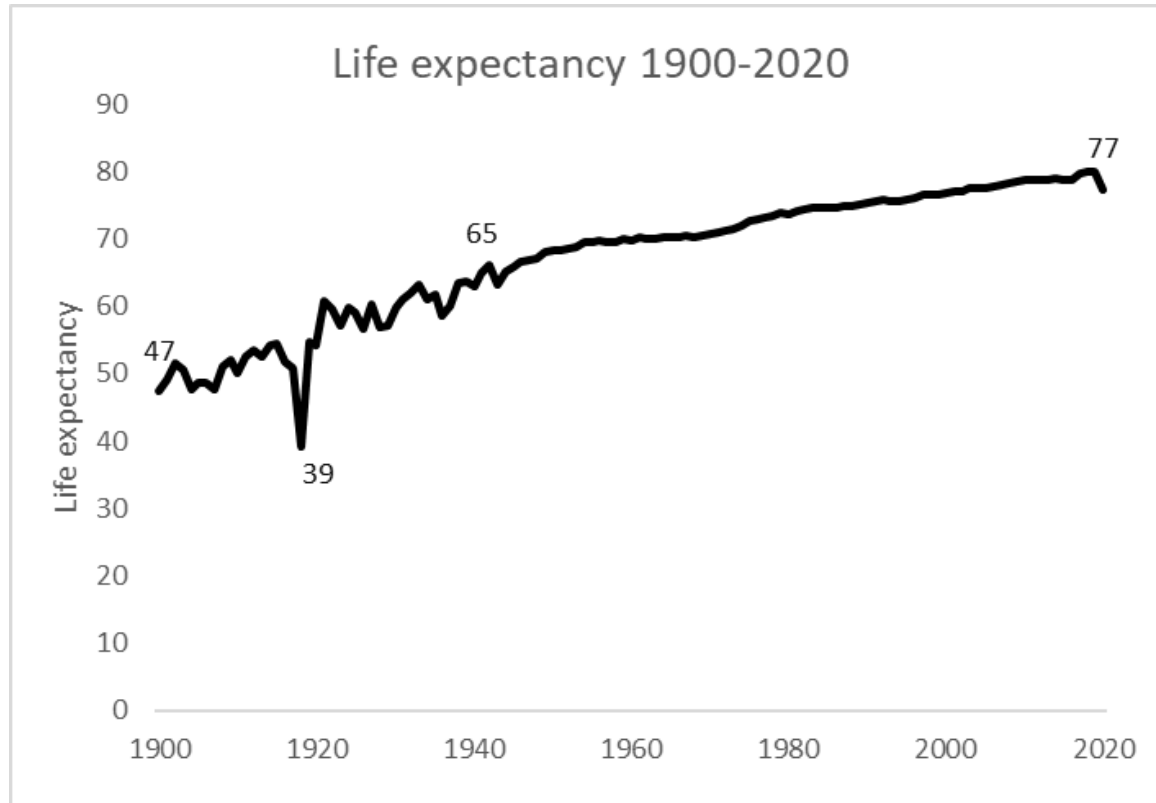
Source: National Center for Health Statistics

# Components of change: fertility (cont.)



Note: Fertility rate is births per 1,000 women ages 15-44.  
Source: U.S. Census Bureau, Population Projections Program

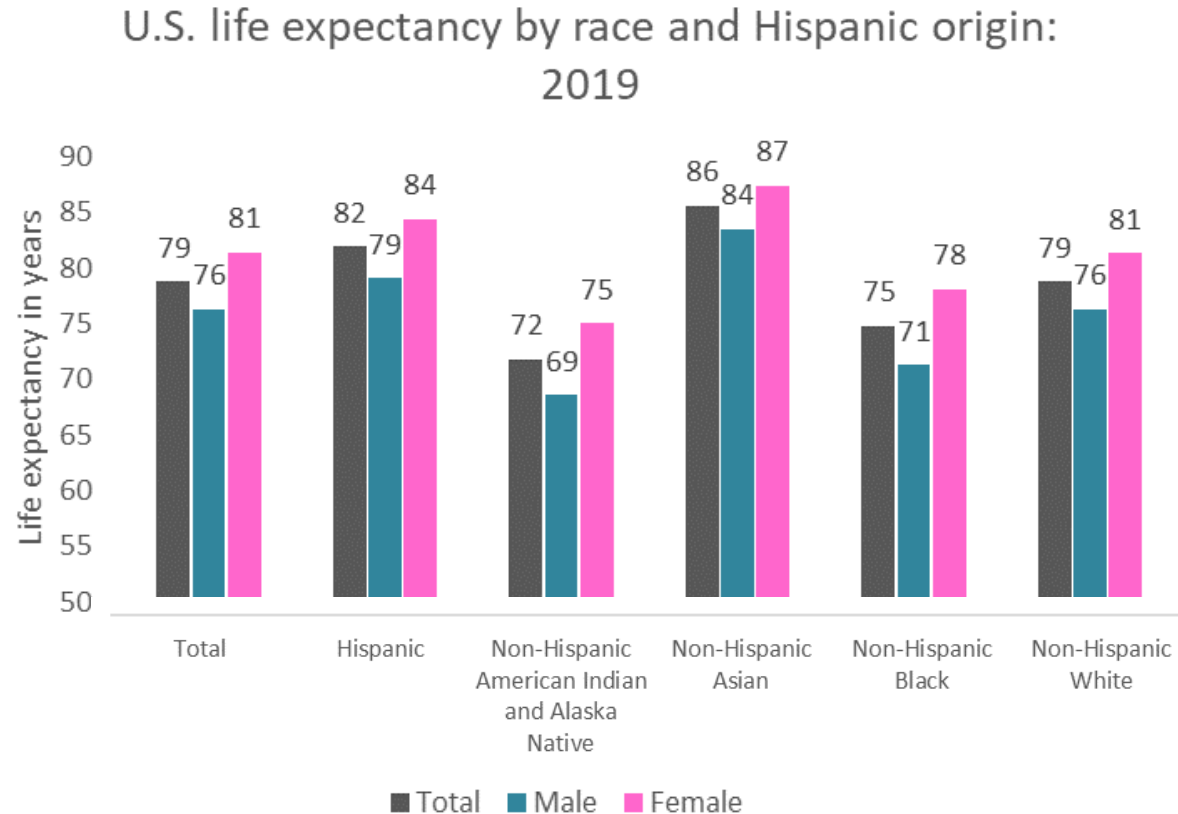
# Components of change: mortality



Source: National Center for Health Statistics

- Life expectancy generally is increasing
- It declined in 2020

# Components of change: mortality (cont.)

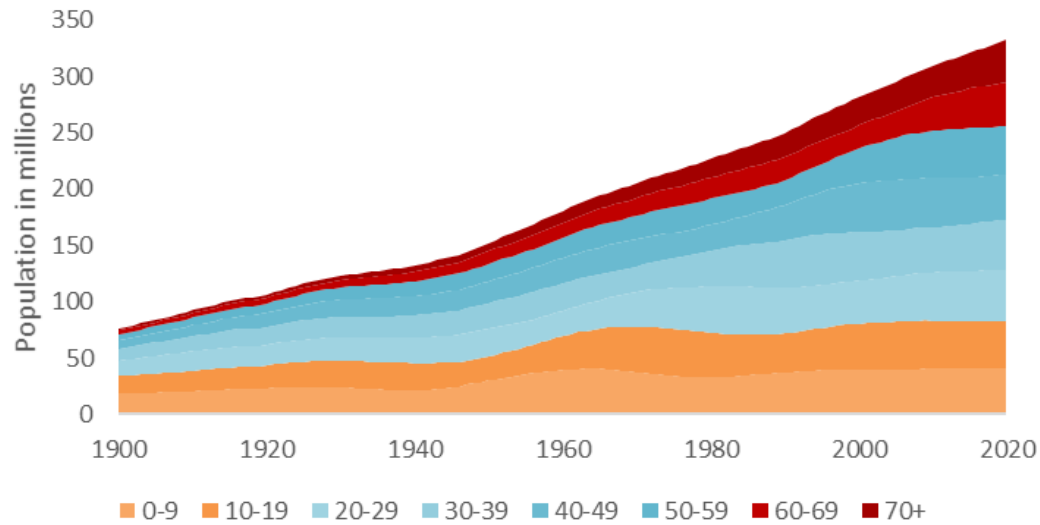


- Life expectancy differs meaningfully by ethnicity, race, and sex
- Non-Hispanic American Indian and Alaska Native males have the lowest life expectancy, on average
- Non-Hispanic Asian females have the highest life expectancy, on average

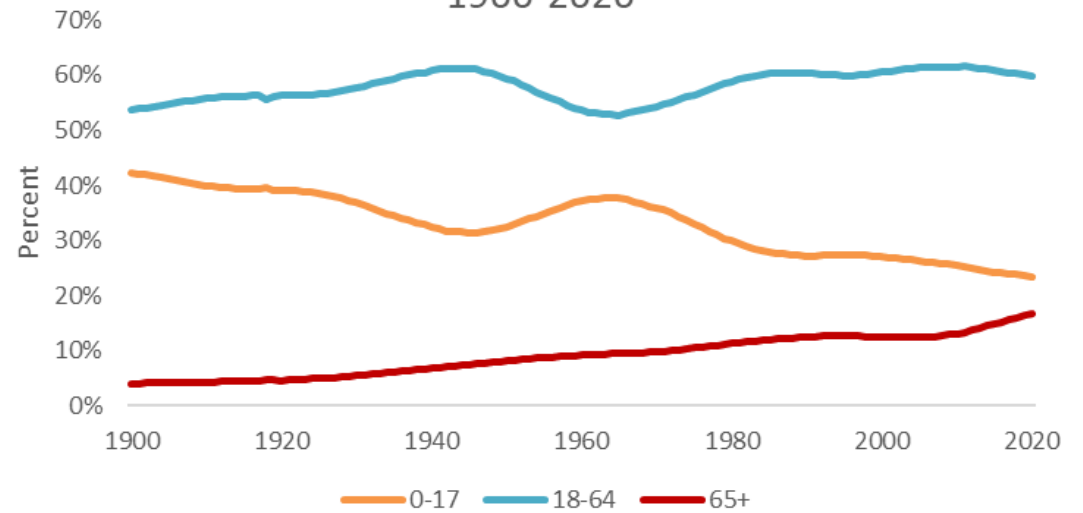
Source: National Center for Health Statistics

# Age

U.S. population by age: 1900-2020

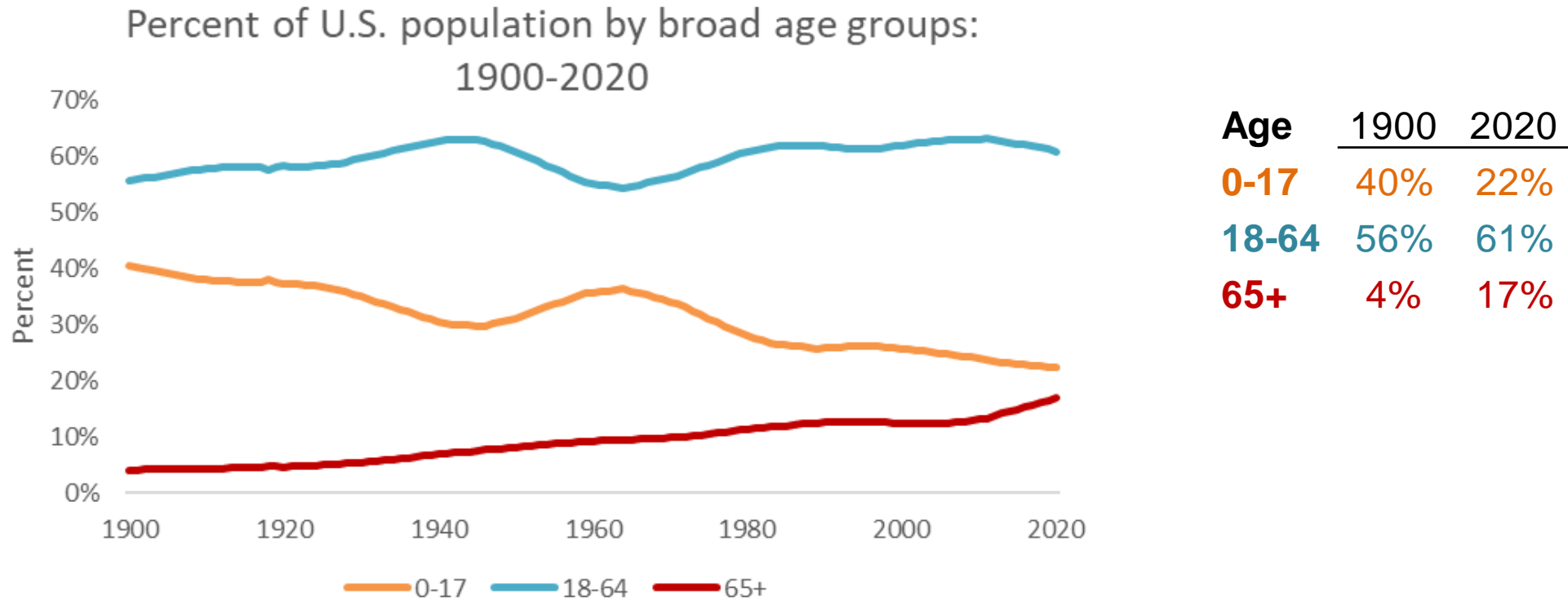


Percent of U.S. population by broad age groups: 1900-2020



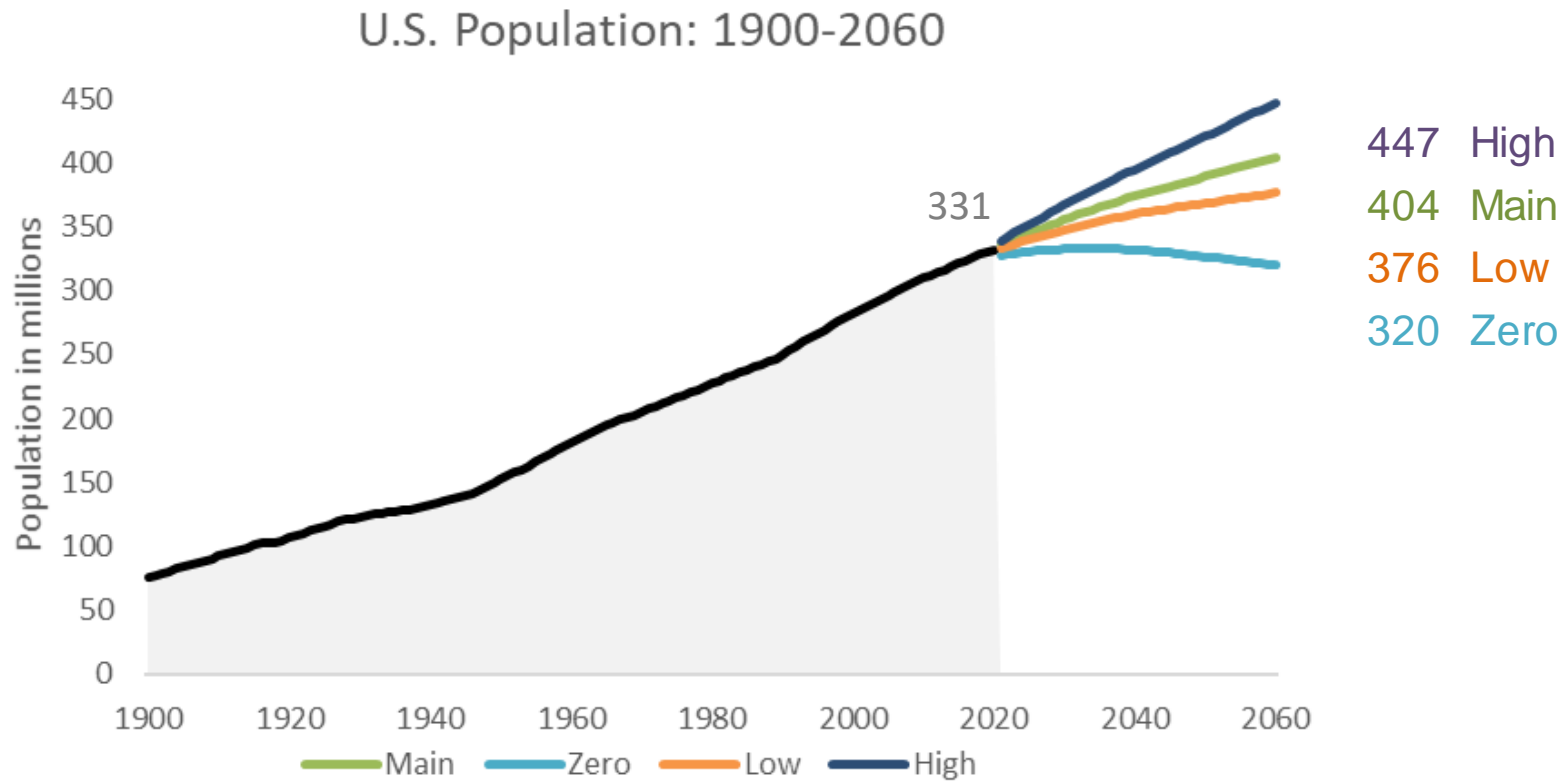
Source: U.S. Census Bureau, Intercensal Estimates (1900-2009), Vintage 2020 Estimates (2010-2020)

# Age (cont.)



Source: U.S. Census Bureau, Intercensal Estimates (1900-2009), Vintage 2020 Estimates (2010-2020)

# Projections: total population



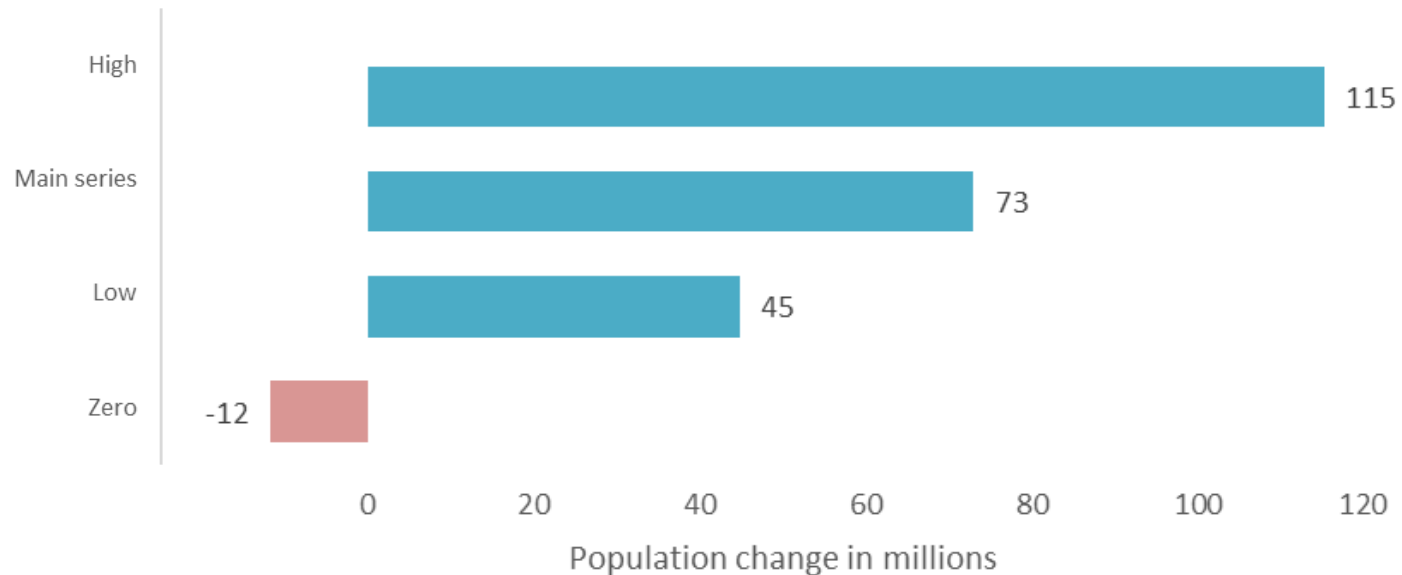
- The U.S. population will likely continue to grow

Source: U.S. Census Bureau, Intercensal Estimates (1900-2009), Vintage 2020 Estimates (2010-2020), 2017 National Population Projections (2020-2060)



# Projections: total population (cont.)

Change in population by alternative migration scenario: 2020-2060

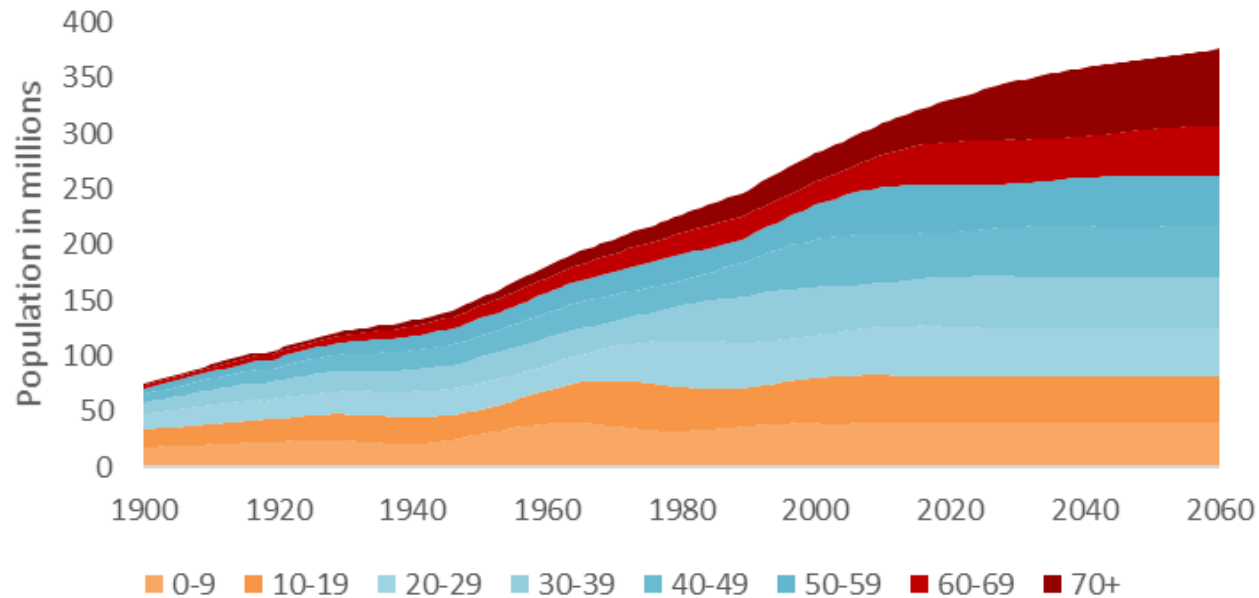


- The U.S. population will likely continue to grow
- Immigration levels are likely to be the determining factor in whether the U.S. population grows or declines

Source: U.S. Census Bureau, 2017 National Population Projections

# Projections: age

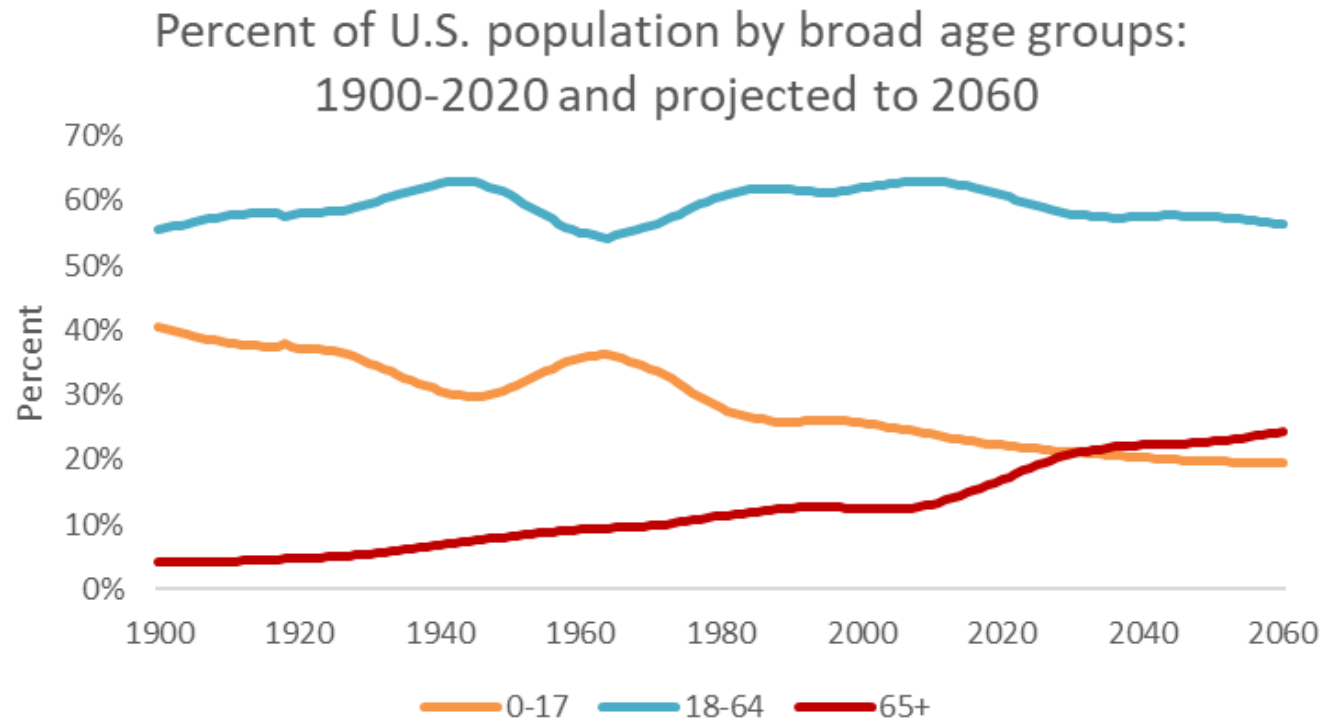
U.S. population by age group:  
1900-2020 and projected to 2060



- The population is projected to continue to grow
- Growth is expected to be concentrated among the older age groups

Source: U.S. Census Bureau, Intercensal Estimates (1900-2009), Vintage 2020 Estimates (2010-2020), 2017 National Population Projections (2020-2060)

# Projections: age (cont.)

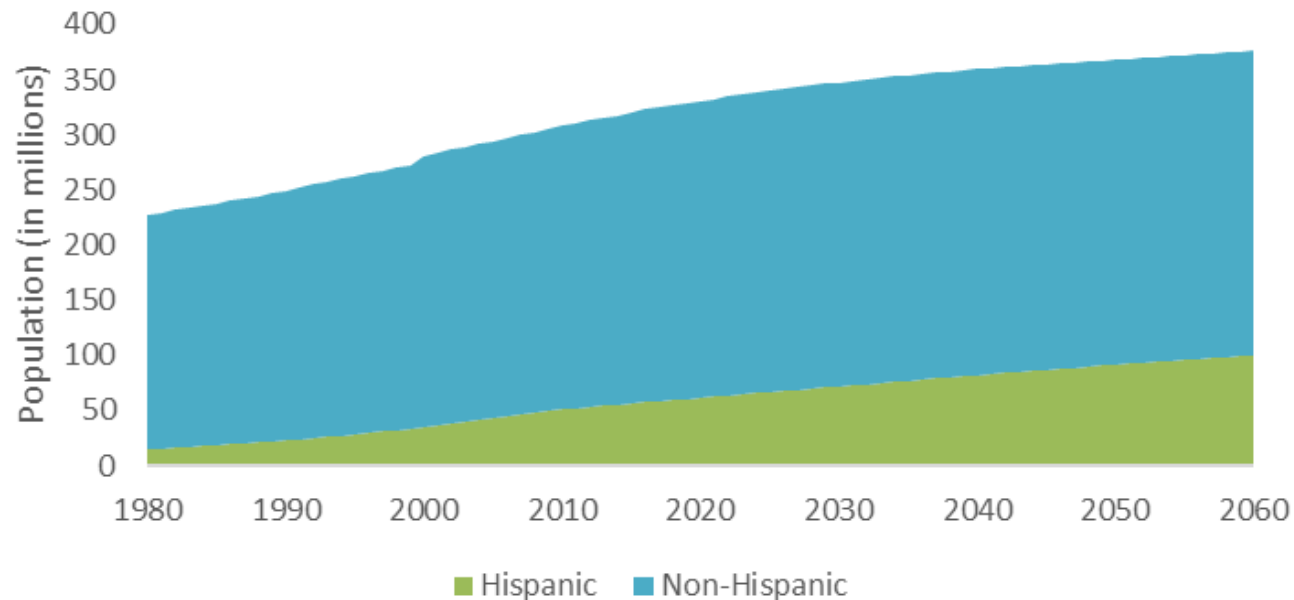


Age	1900	2020	2060
0-17	40%	22%	19%
18-64	56%	61%	56%
65+	4%	17%	24%

Source: U.S. Census Bureau, Intercensal Estimates (1900-2009), Vintage 2020 Estimates (2010-2020), 2017 National Population Projections (2020-2060)

# Projections: Hispanic origin

U.S. population by ethnicity:  
1980-2020 and projected to 2060



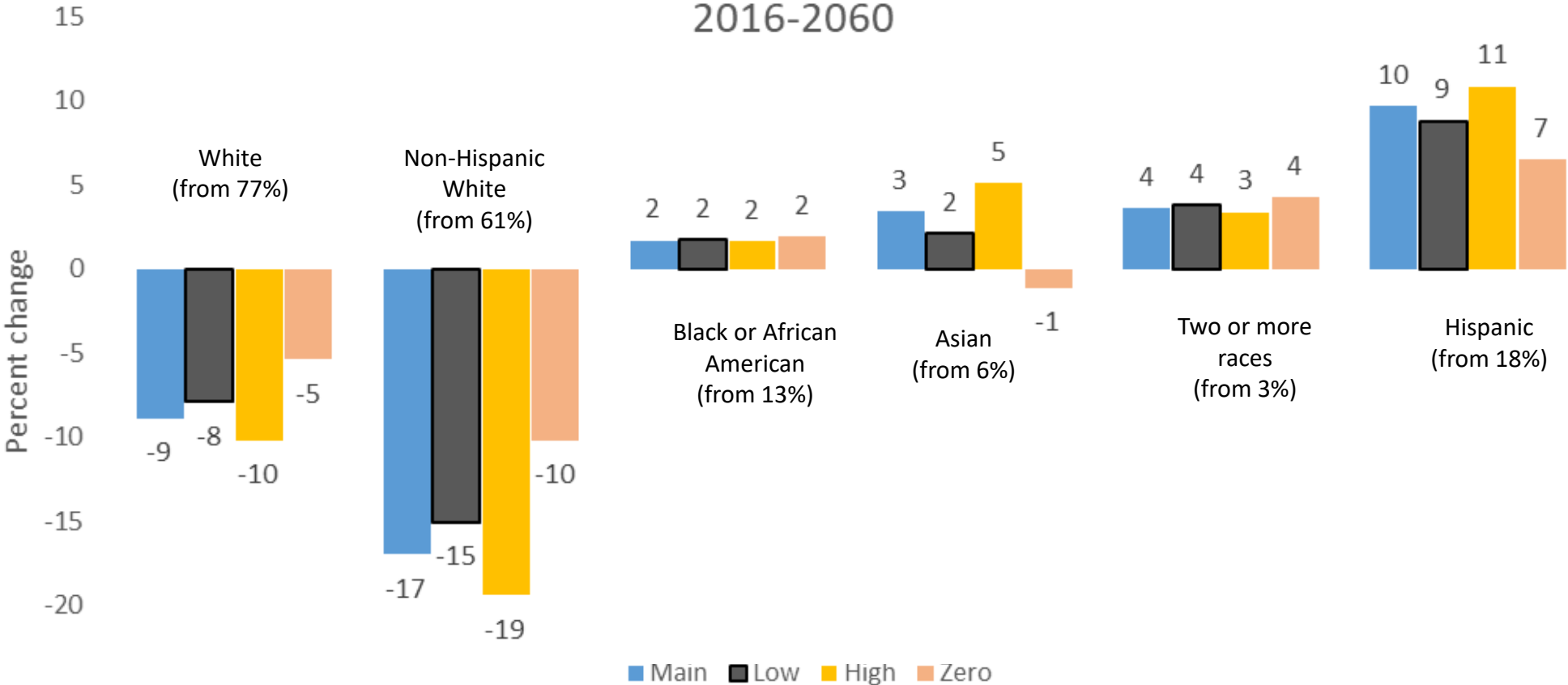
## Percent Hispanic

1980	7%
2020	19%
2060	27%

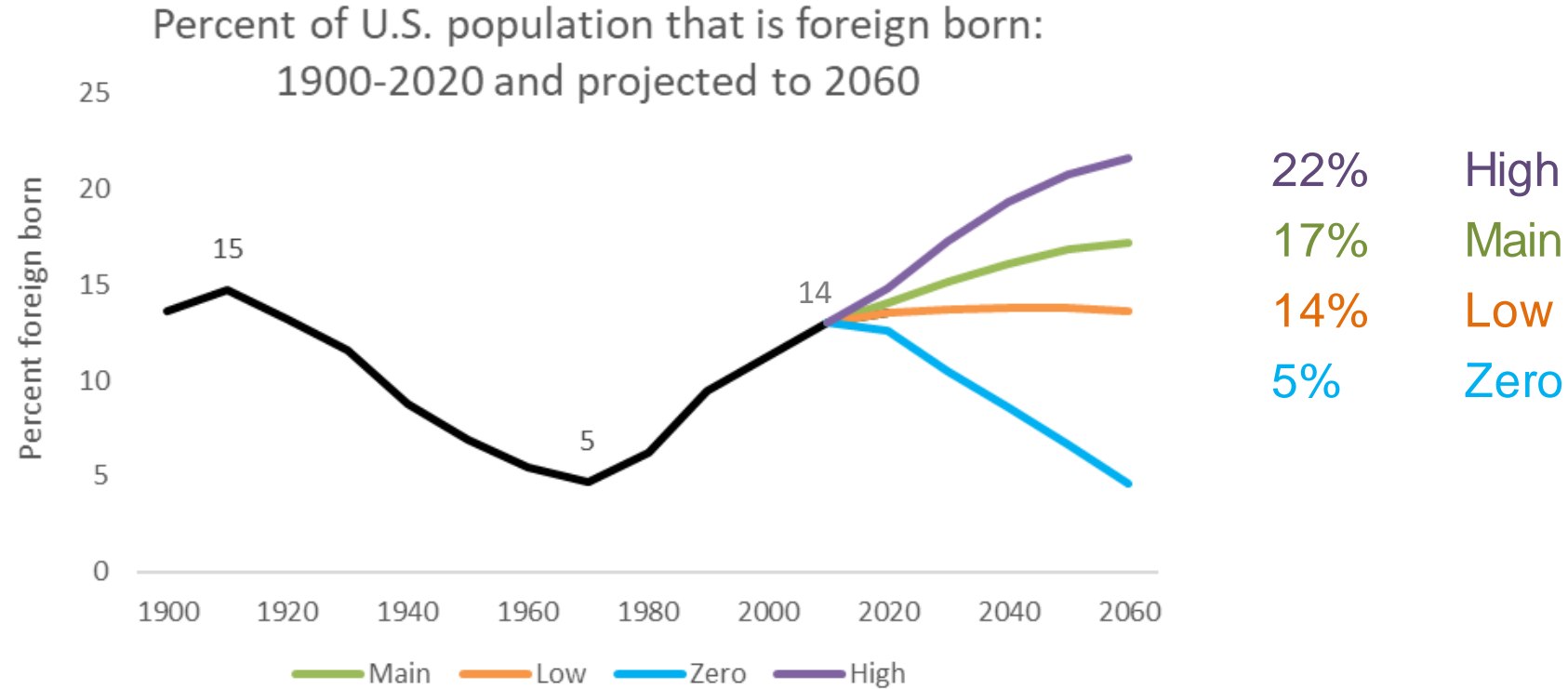
Source: U.S. Census Bureau, Intercensal Estimates (1980-2009), Vintage 2020 Estimates (2010-2020), 2017 National Population Projections (2020-2060)

# Projections: race and Hispanic origin

Percent change in race/Hispanic origin group by immigration scenario:  
2016-2060



# Projections: nativity



Source: U.S. Census Bureau, Population Division, Working Paper POP-WP029; Intercensal Estimates (1900-2009); Vintage 2020 Estimates (2010-2020); 2017 National Population Projections (2020-2060)

# Future directions

- New projections are underway
- Projections of US population (2023-2060) by:
  - Age
  - Sex
  - Race
  - Hispanic origin
  - Nativity
- Projection of US population (2023-2100)
- Set to come out in summer 2023

# Summary

- The U.S. population is growing and expected to keep growing
- The U.S. population is aging
  - The number of people over age 65 is expected to outnumber the population under age 18 by 2060
- The U.S. population is becoming more racially and ethnically diverse



# Thank you!

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U.S. Census Bureau Population Projections Website:

<https://www.census.gov/programs-surveys/popproj.html>