



Texas Future in Numbers: Population Projections Explained

Helen You, Ph. D., Texas Demographic Center, UT San Antonio

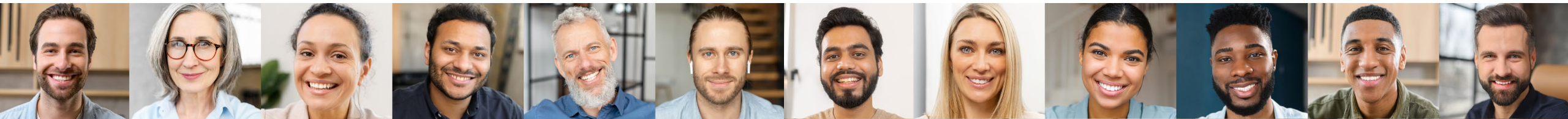


TDC Projection Overview

Overview

Total population and population by **age, race, and sex** for Texas and all its counties:

- Single year of age;
- 5 race/ethnic groups: Hispanic, NH White, NH Black, NH Asian, and NH Other;
- From the most recent Census (2020) out to 40 years in the future (2060);
- Three migration scenarios are provided – low, mid and high.



Access the TDC Projections





Lloyd Potter
Texas State Demographer

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Viz of the Week
Texas Projected Population by Age, 2020 - 2060

Texas' Future in Numbers

Texas Projected Population by Age, 2020 - 2060

	2020	2040	2060
65+ Years	5.2M 17%	6.2M 16%	8.2M 19%
18-64 Years	17.0M 55%	15.0M 40%	13.0M 31%
0-17 Years	3.8M 12%	2.8M 7%	2.0M 5%
Total Population	26.0M	24.0M	23.2M

Home

Estimates

Projections

Data & Geography

Library

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Data about the people and future of Texas

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Latest Data



Texas Population Projections

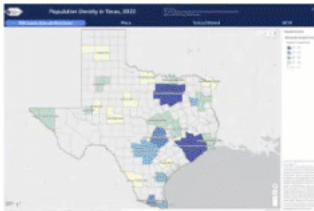
County-Level



Texas Population Projections Release

Texas Demographic Center released today its updated county-level population projections. The data provides detailed projections of Texas' residential population by age, sex, and race/ethnicity for each year from 2020 to 2060 across all counties in Texas. These projections will be available under multiple migration scenarios.

September 30, 2025

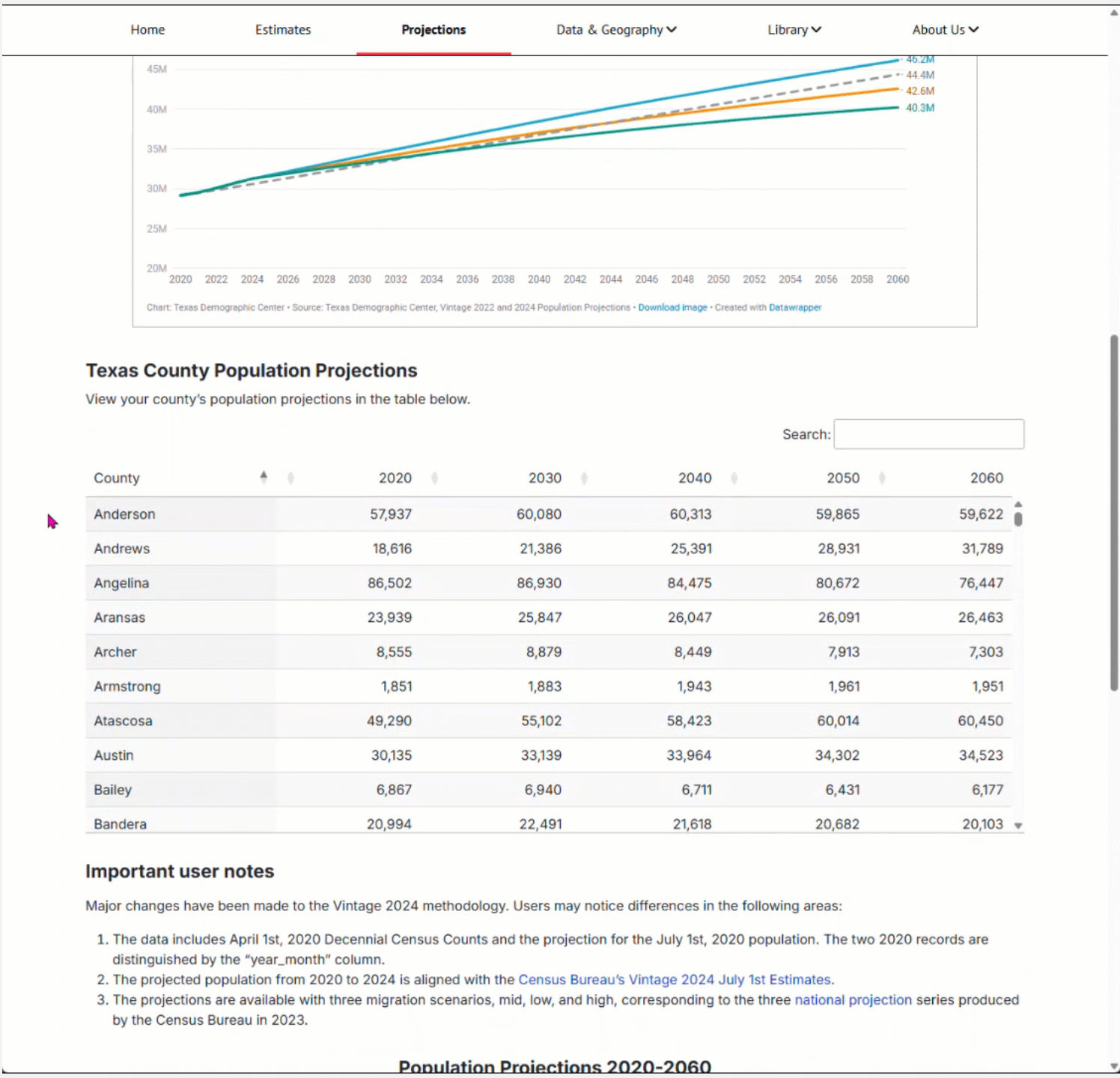


JUST RELEASED

2024 Population Projections

2023 Population Estimates

TDC Projections Table



TDC Projections Data Tool

Home

Estimates

Projections

Data & Geography

Library

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Archer	8,555	8,879	8,449	7,913	7,303
Armstrong	1,851	1,883	1,943	1,961	1,951
Atascosa	49,290	55,102	58,423	60,014	60,450
Austin	30,135	33,139	33,964	34,302	34,523
Bailey	6,867	6,940	6,711	6,431	6,177
Bandera	20,994	22,491	21,618	20,682	20,103

Important user notes

Major changes have been made to the Vintage 2024 methodology. Users may notice differences in the following areas:

- The data includes April 1st, 2020 Decennial Census Counts and the projection for the July 1st, 2020 population. The two 2020 records are distinguished by the "year_month" column.
- The projected population from 2020 to 2024 is aligned with the Census Bureau's Vintage 2024 July 1st Estimates.
- The projections are available with three migration scenarios, mid, low, and high, corresponding to the three national projection series produced by the Census Bureau in 2023.

Population Projections 2020-2060

Suggested Citations

Projections Methodology

Review the methodology prior to using the data.

Methodology

Build Your Own Table

Create custom tables by your selected demographic characteristics, geography, and migration scenarios.

Custom Download

Download Data

Download the zip file with data for the state and all counties by age, race, sex, and methodology.

Mid Migration Scenario

Assumes the US and Texas migration patterns remain similar to the past two decades. Recommended for most purposes.

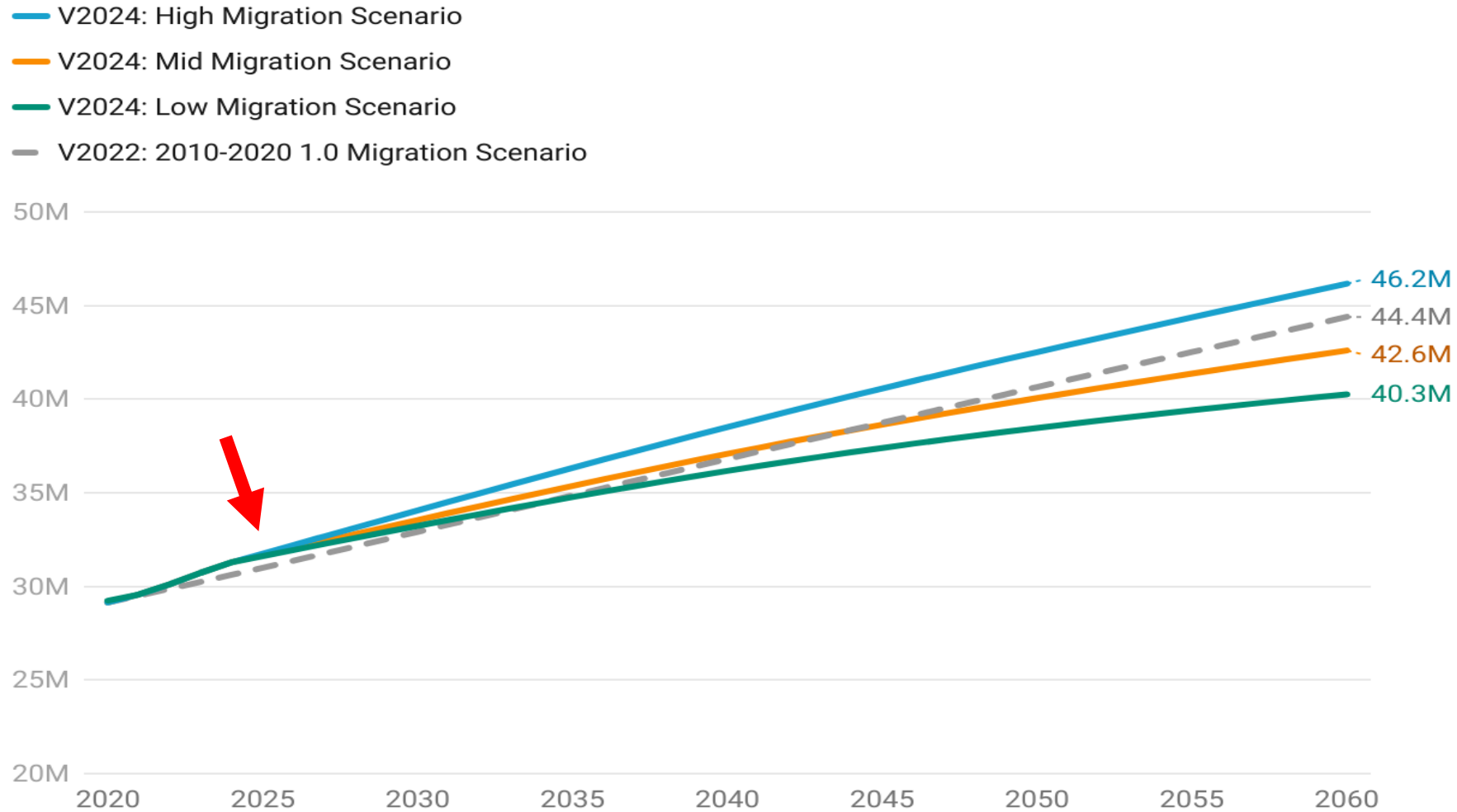
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High Migration Scenario

Assumes a higher migration scenario than the average patterns in the past two decades. Recommended for use when immigration levels are high.

Download Data

Projected Population Growth in Texas under Various Migration Scenarios

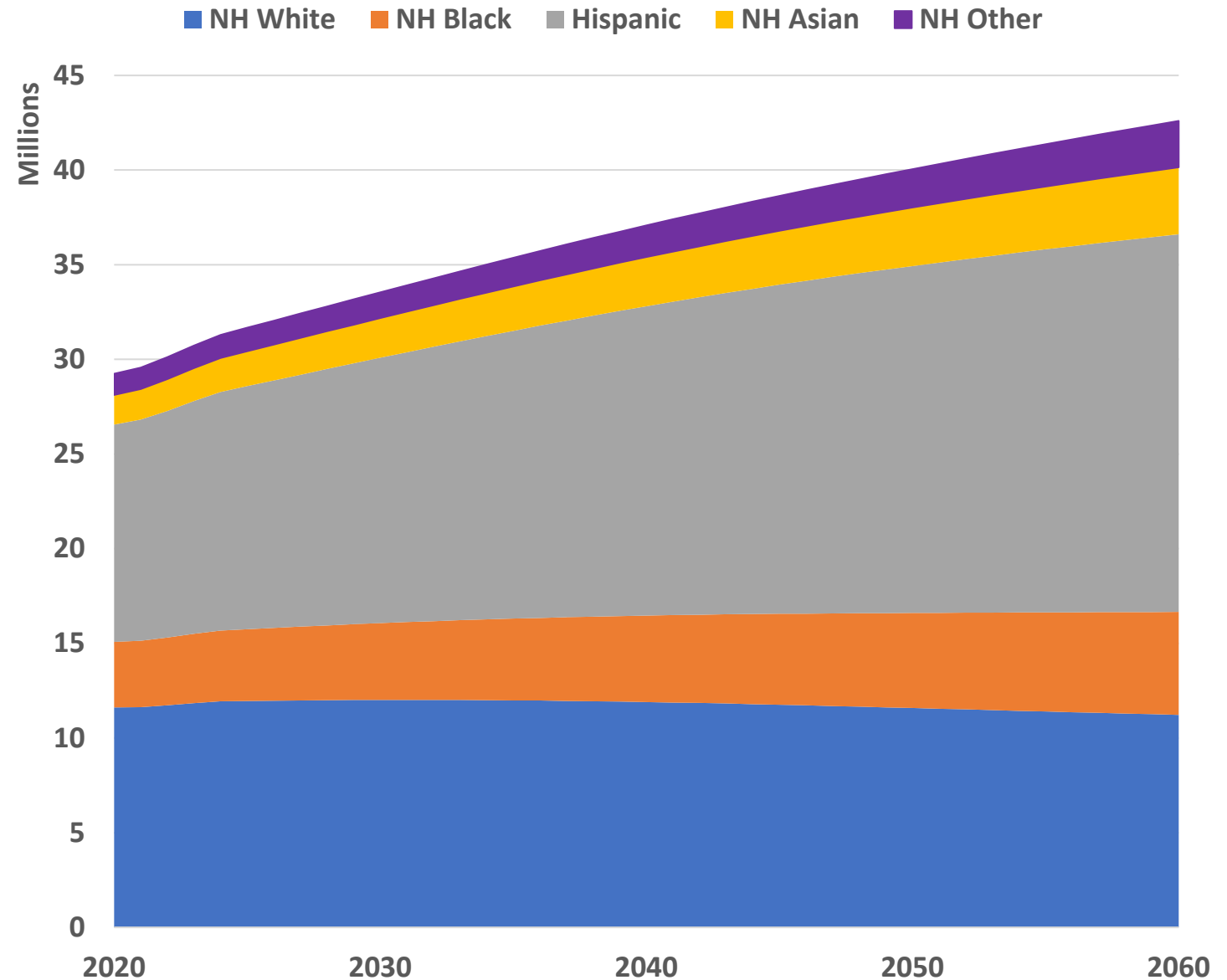


Projected Population by Race/Ethnicity 2020-2060

Mid Migration Scenario

All race/ethnic groups are projected to grow in size except for the non-Hispanic White.

Hispanics will gain the most population, while NH Asians will experience the fastest growth

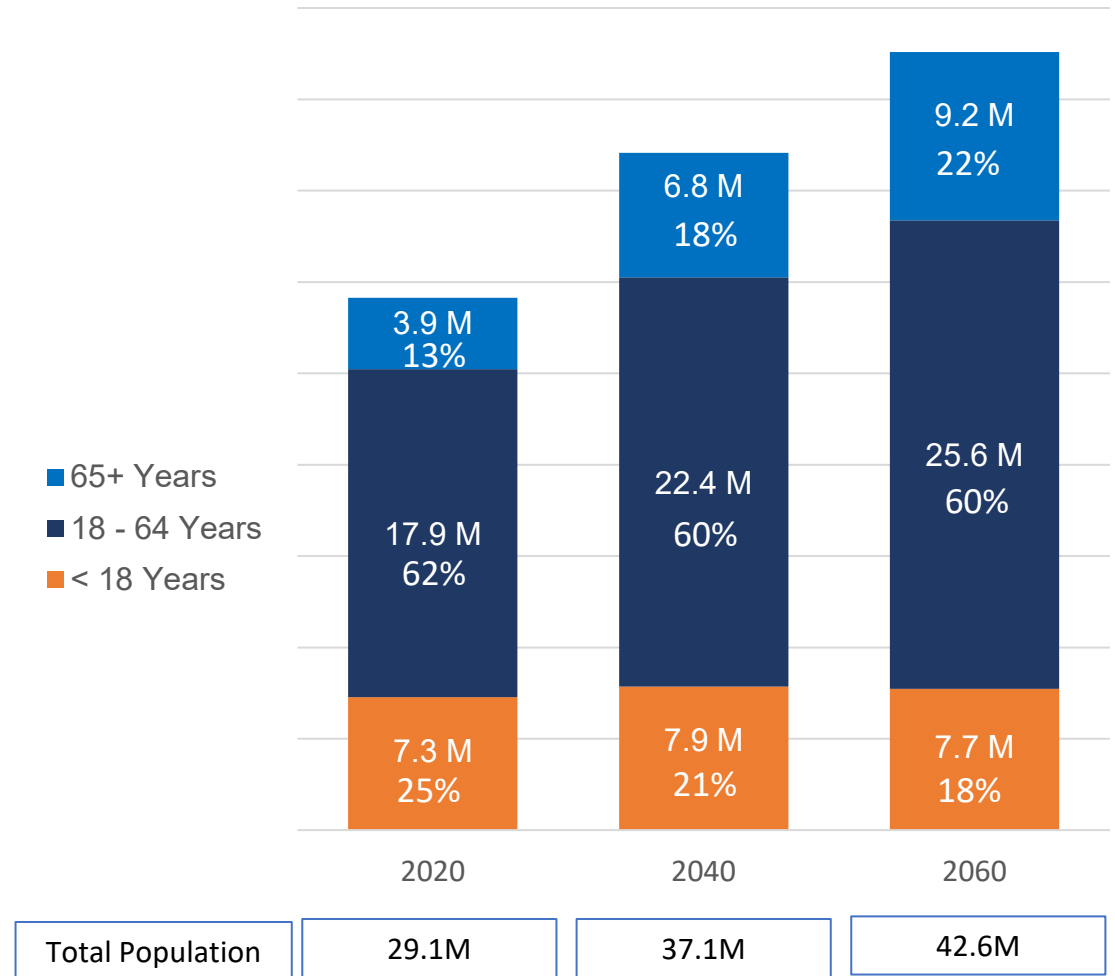


Projected Population by Age 2020, 2040, and 2060

Mid Migration Scenario

- Texas will continue to age in the next few decades.
- The 65+ group will grow fastest.
- Growth among those under 18 will slow and begin to decline.
- The working-age population will grow and maintain a stable share of the total population.

Texas Projected Population by Age

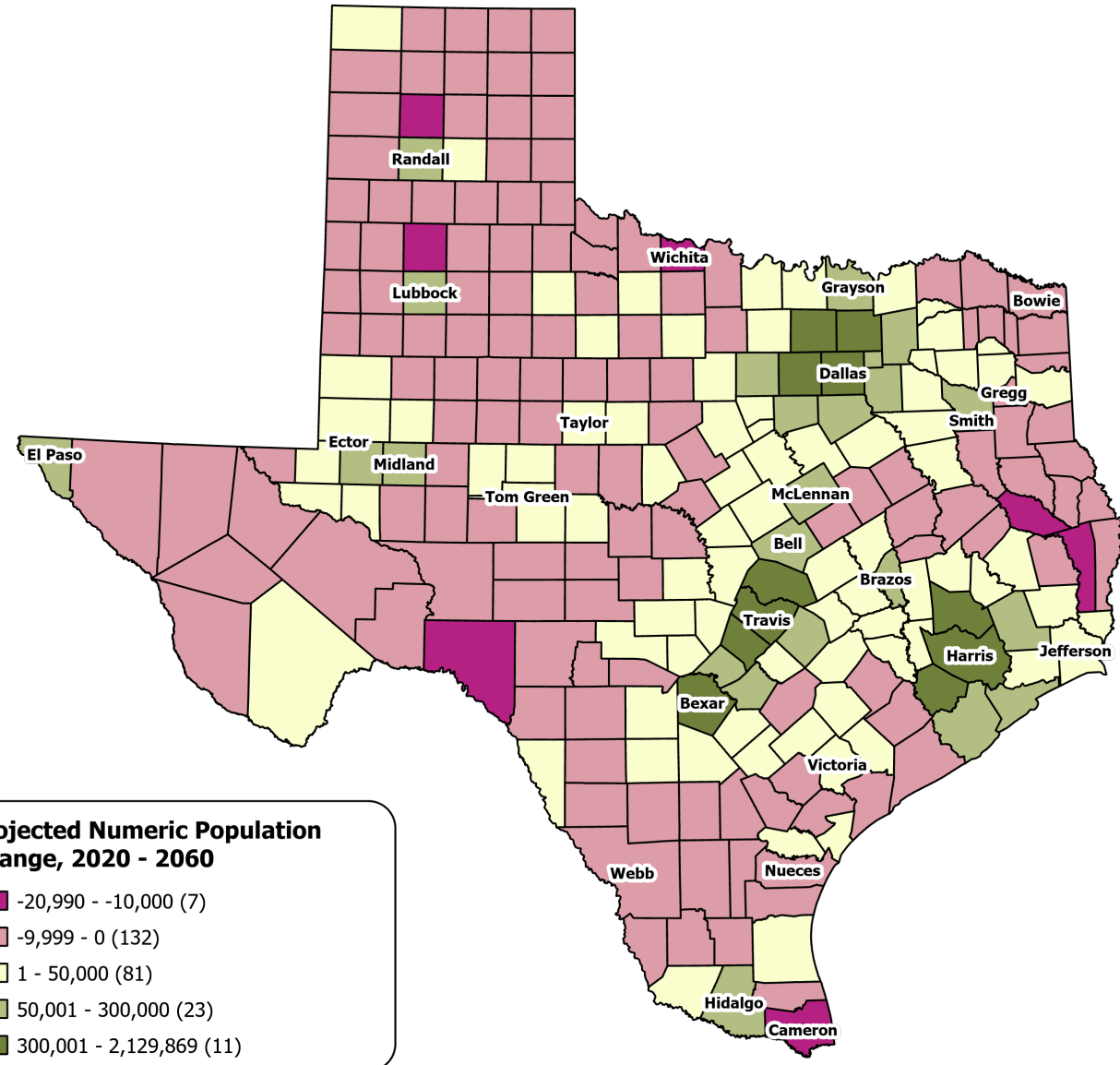


Texas Counties

Projected Population Numeric Change 2020-2060

Mid Migration Scenario

- 139 Counties are projected to lose population
- Current MSA counties will account for 99% of the state's growth from 2020 to 2060
- The four MSAs within the TX Triangle will increase their share of population from 67% to 74%



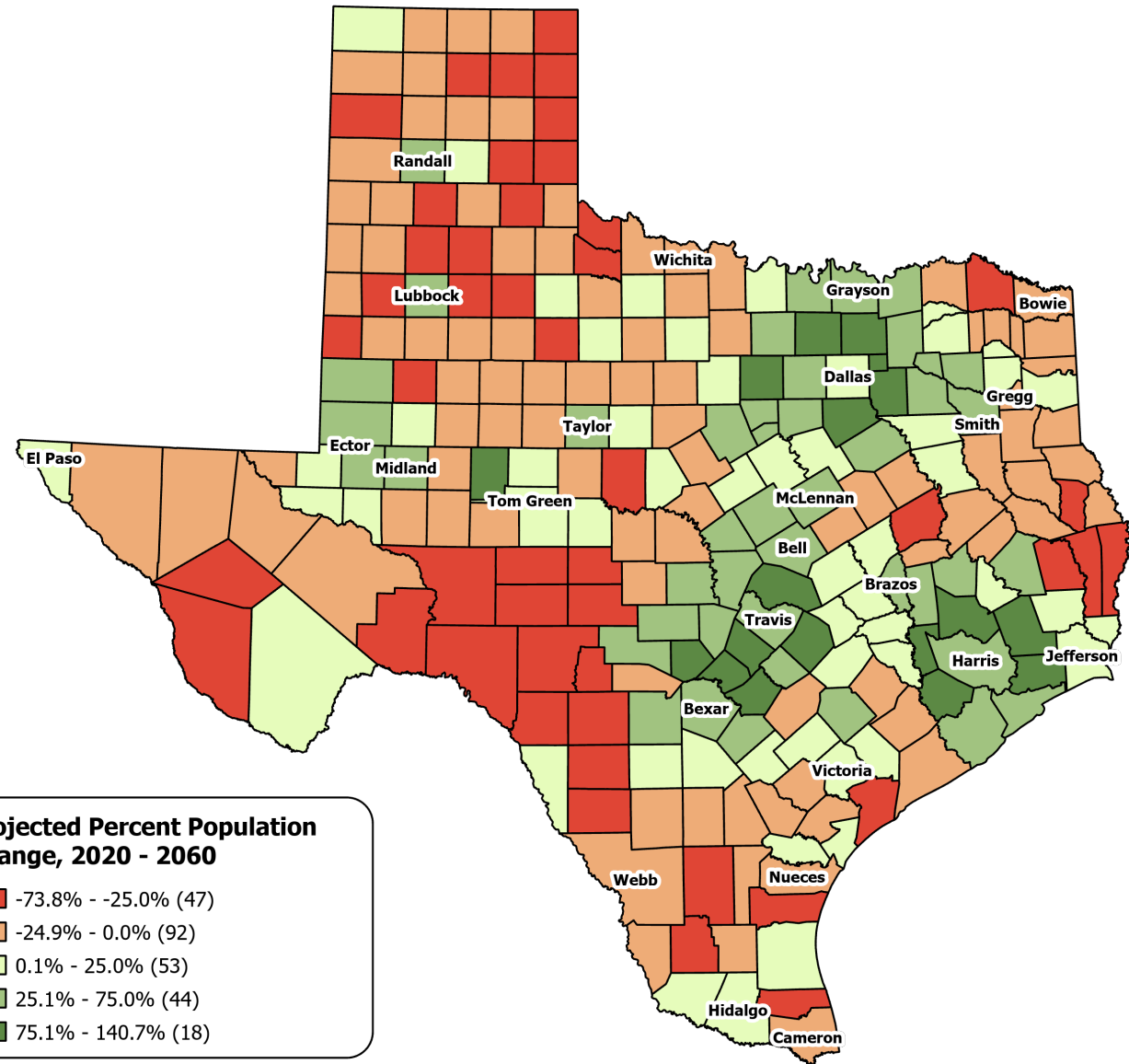
Texas Demographic Center, Vintage 2024 Population Projections, Mid Migration Scenario

Texas Counties

Projected Population Percent Change 2020-2060

Mid Migration Scenario

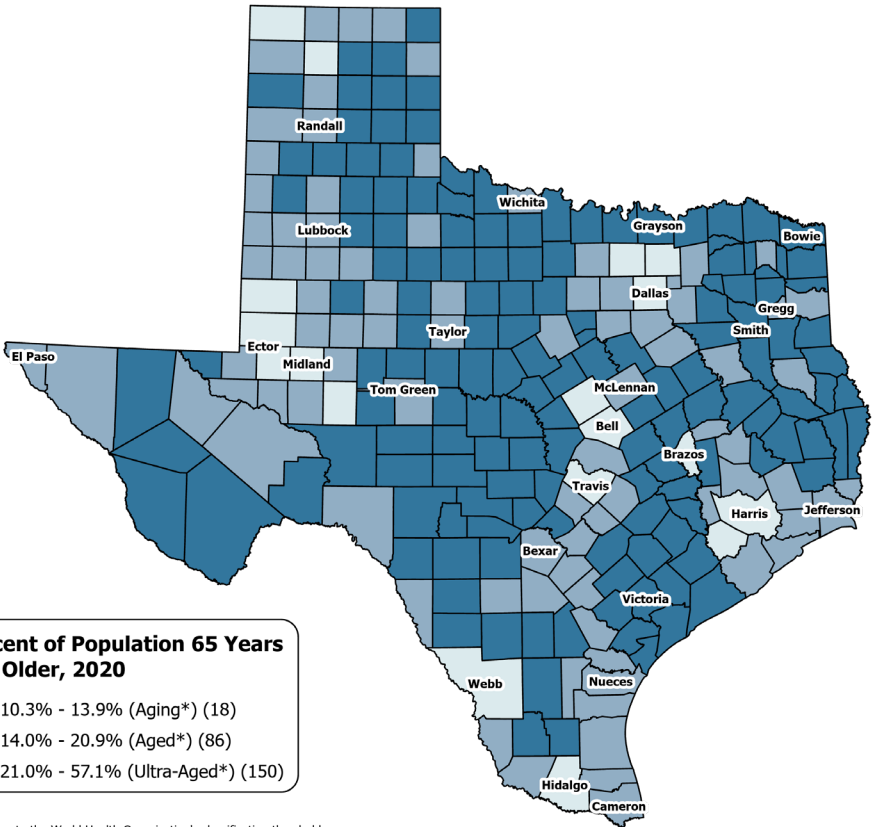
- Suburban ring counties in the triangle area will see the fastest growth rates.



Texas Demographic Center, Vintage 2024 Population Projections, Mid Migration Scenario

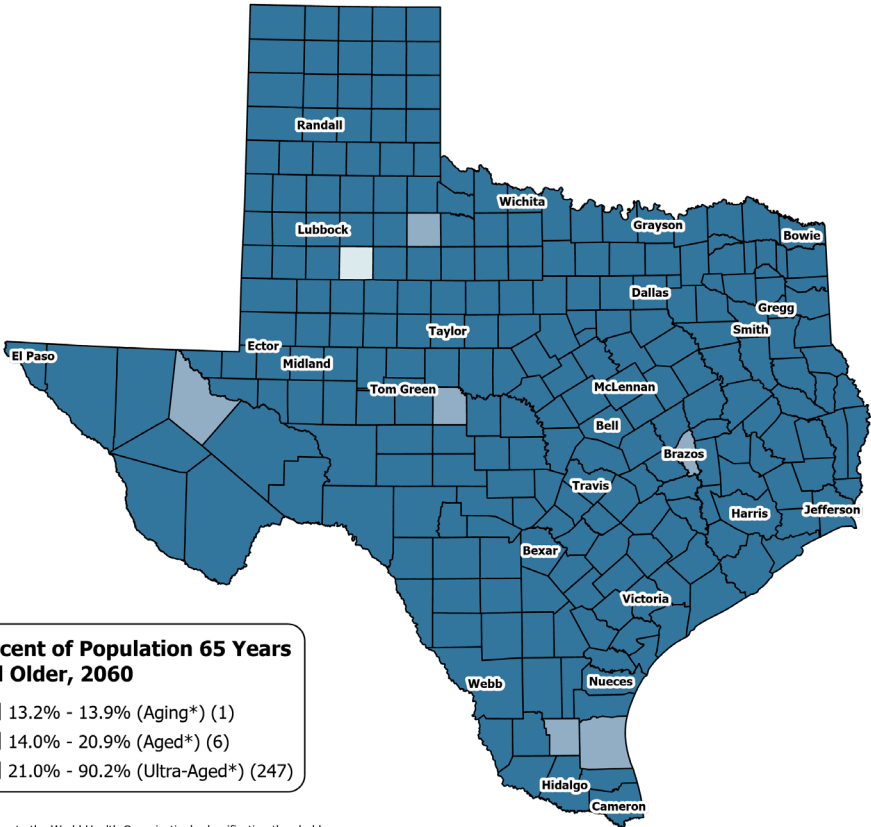
County Aging Map – Using the % of 65+ to Measure

Texas 2020: Aging (13.5%)



*According to the World Health Organization's classification thresholds
Texas Demographic Center, Vintage 2024 Population Projections, Mid Migration Scenario

Texas 2060: Ultra-Aged (21.7%)



*According to the World Health Organization's classification thresholds
Texas Demographic Center, Vintage 2024 Population Projections, Mid Migration Scenario

Methodology for TDC Population Projections

➤ *The Cohort Component Model*

- ❖ Components of Change: births, deaths, migration
- ❖ Cohort: Each cohort has its own pattern.
- ❖ In TDC projections, each race/ethnic group has its unique model

➤ **Future Population** = Current Population + Population Change

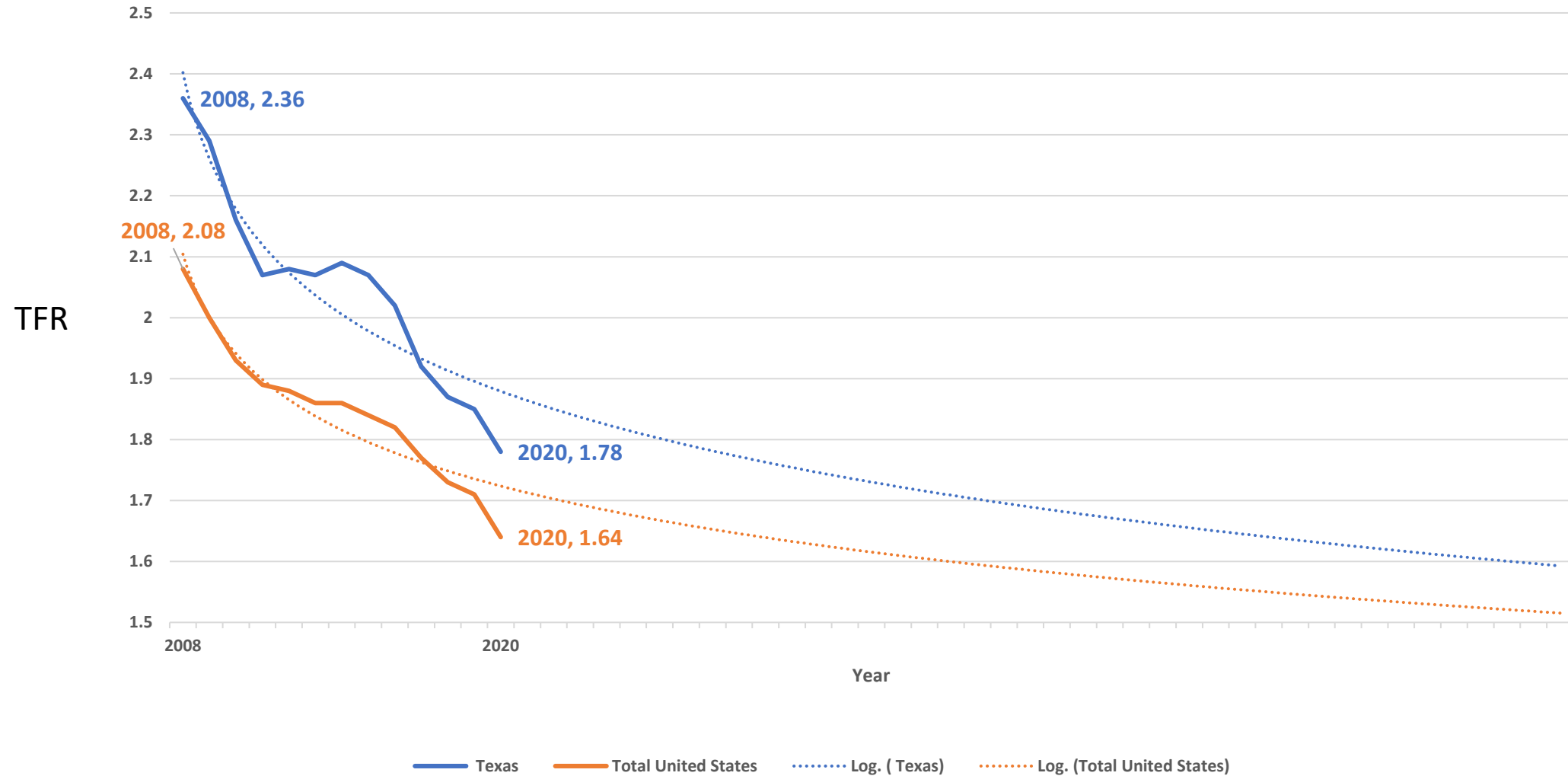




Projected Births

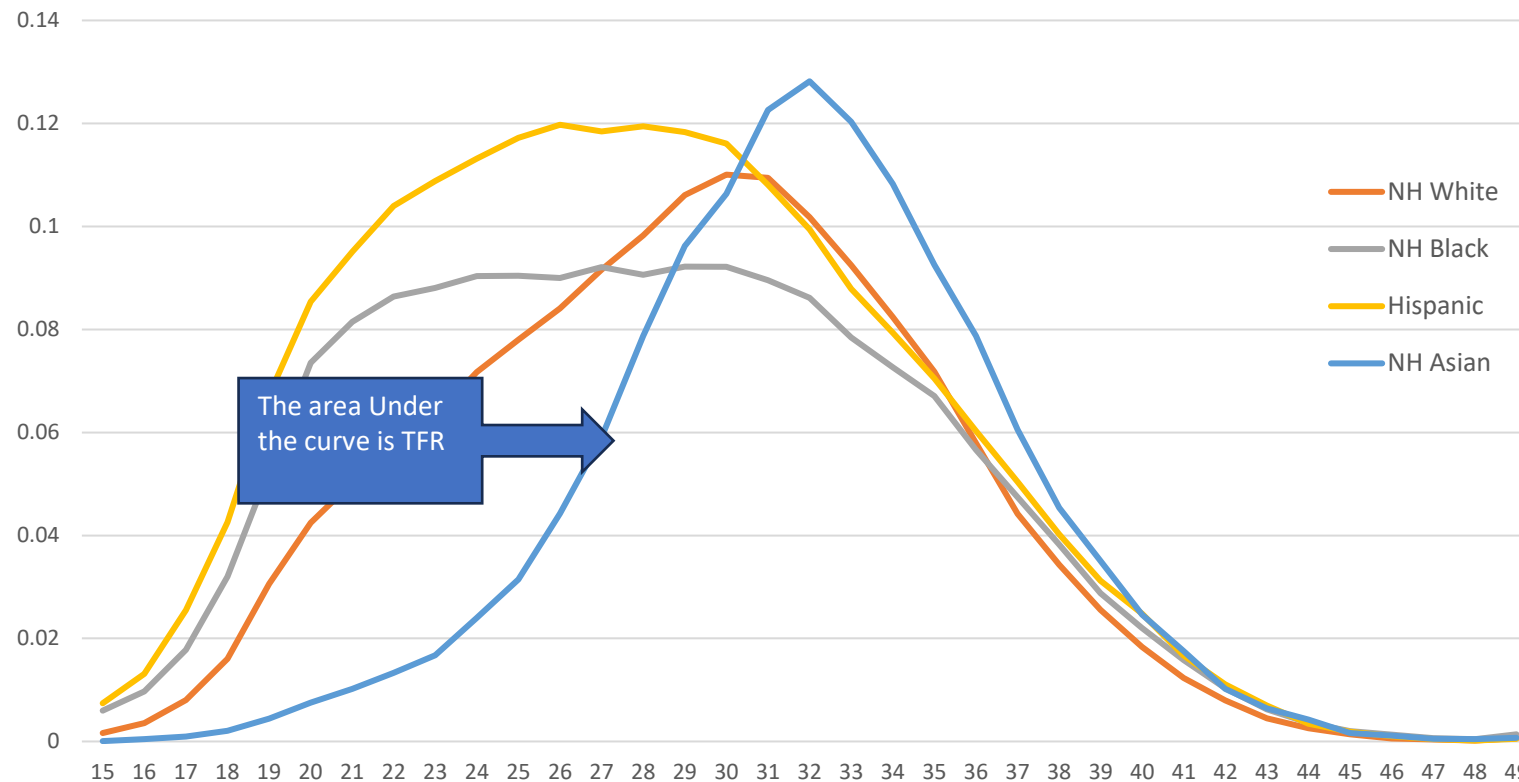
Female Population 15-49 * Birth Rate

Total Fertility Rate Trend



Fertility Rates Differ by Age, and Race/Ethnicity

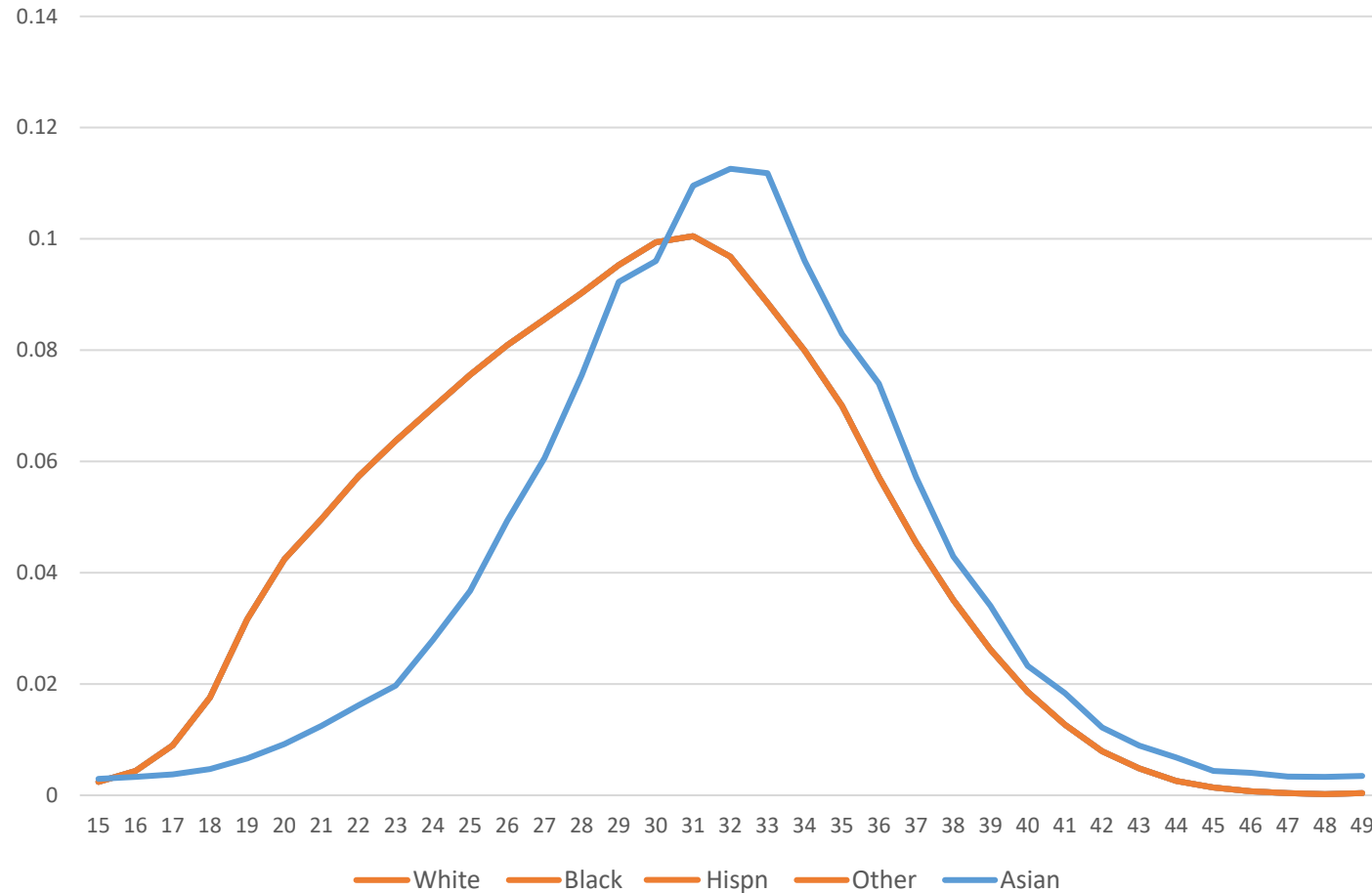
Age-specific Fertility Rates by Mother's Race/Ethnicity, 2019-2021



Age Specific Fertility Rates (ASFRs)

TFR has been on the decline, ASFRs have been moving to a **delayed** pattern

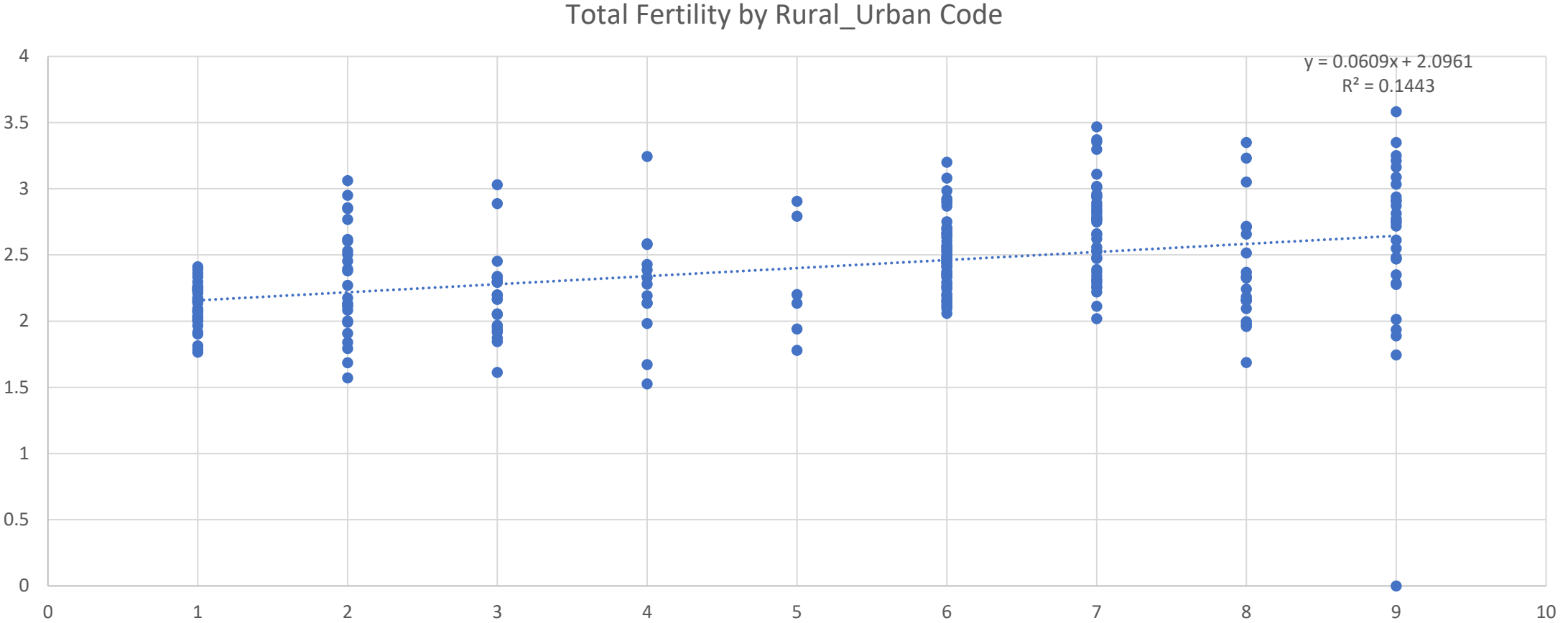
Projected ASFR in 2060 by Race/Ethnicity



TFR 2060

- Texas Asian will “converge” to the **current US NH Asian** ASFRs
- The rest of the groups will converge to the current **US NH White** ASFRs

Group Counties for Fertility Projection by Rural/Urban Status





Projected Deaths

Population * Death Rates

Historical and Projected Life Expectancy for the U.S.

Life Expectancy at Birth 2020

US: 77

Male: 74.2

Female: 79.9

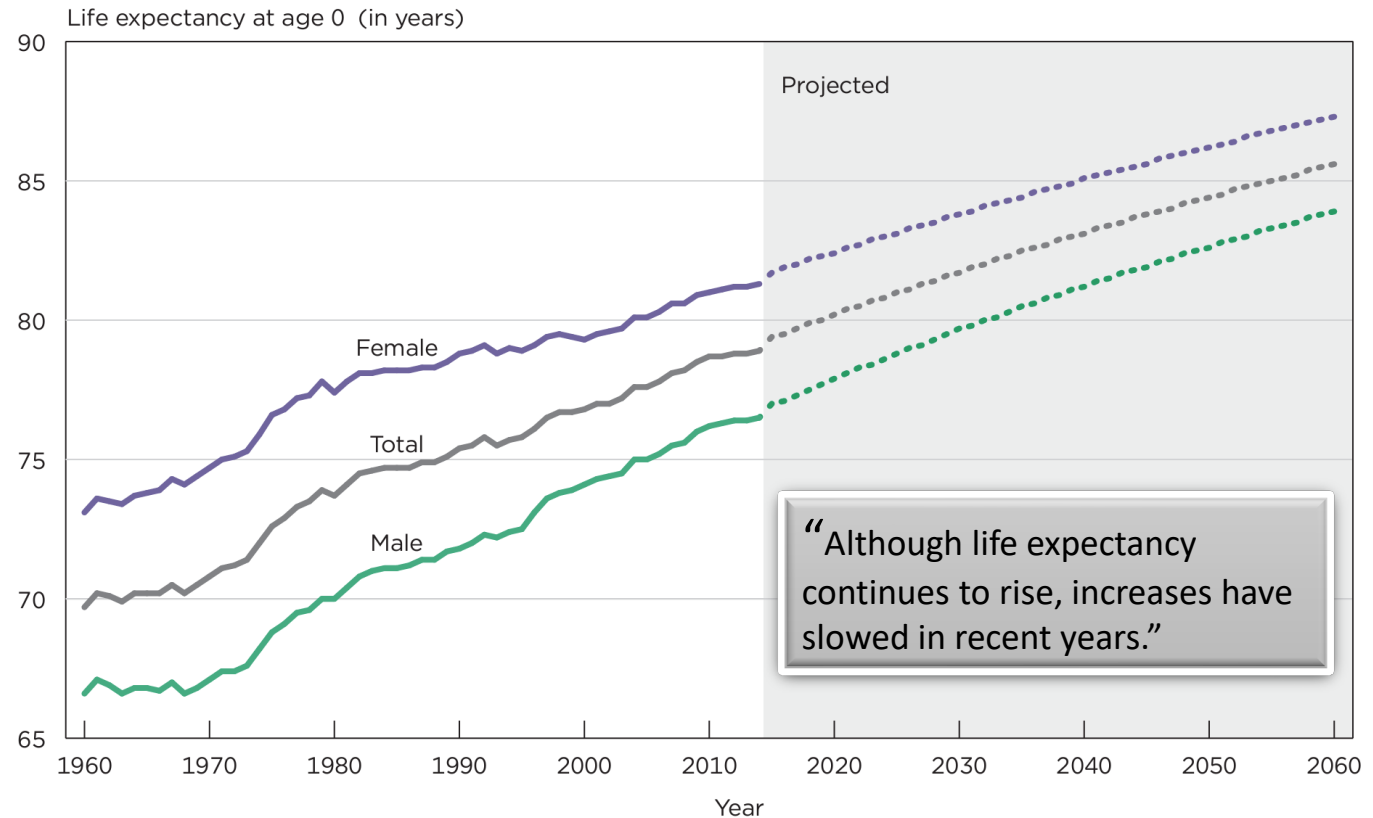
Texas: 76.5

Male: 73.7

Female: 79.3

Figure 1.

Historical and Projected Life Expectancy for the Total U.S. Population at Birth: 1960-2060



Sources: U.S. Census Bureau, 2017 National Population Projections, 2015-2060, and National Center for Health Statistics Life Tables, 1960-2014, <www.cdc.gov/nchs/data/nvsr/nvsr68/nvsr68_07-508.pdf>.

County Survival Projection



State

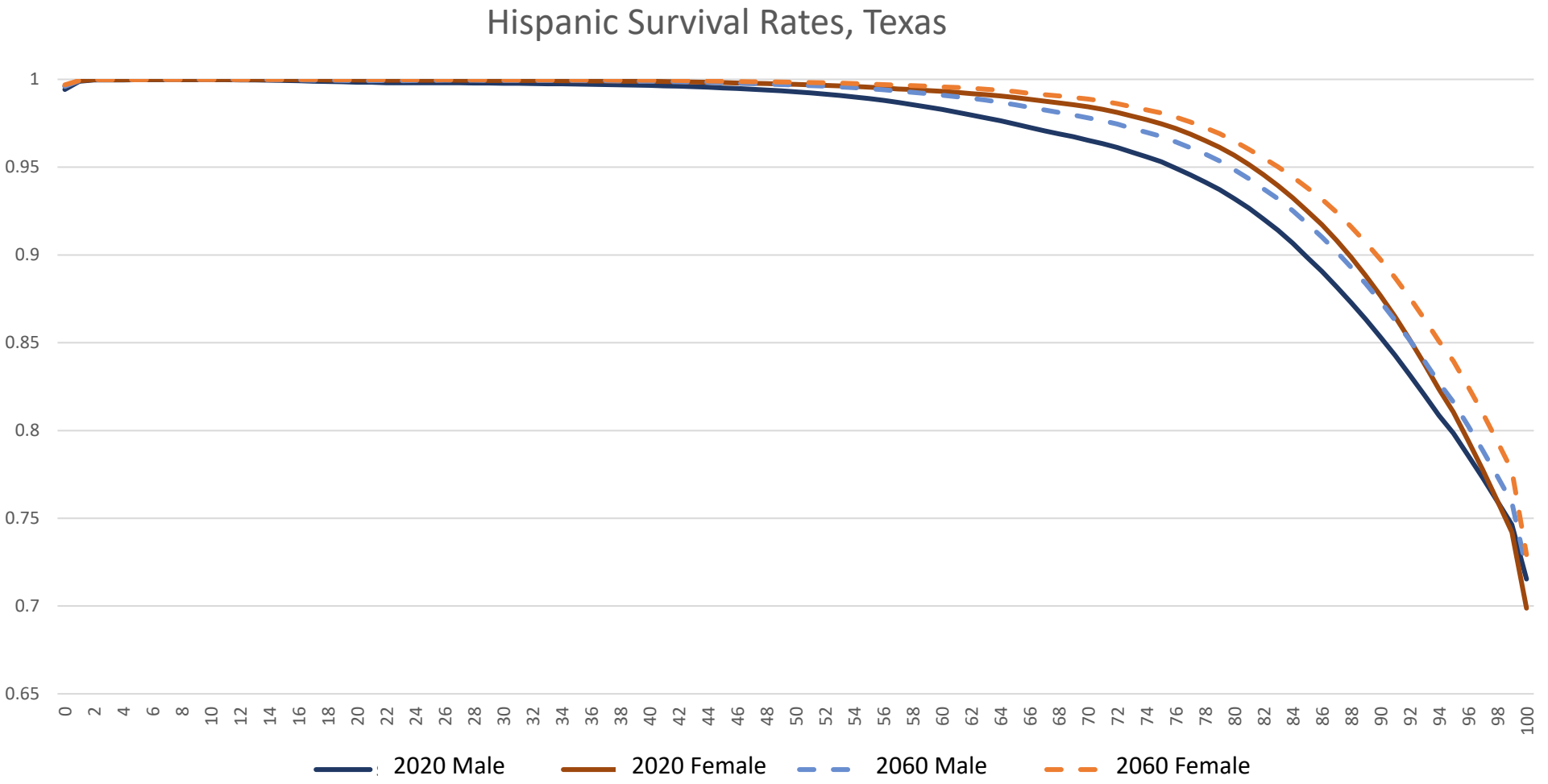
- Use US projected survival rates.
- Apply TX/US ratio (2021)



County

- The same as the state.

Survival Rates by Age and Sex for the Hispanic Population, 2020 and 2060



Source: Texas Demographic Center, Vintage 2024 Population Projections



Projected Net Migrants

Net International Migration

US Net International Migrants =
World population (*region/country-specific*) * Net immigration rate to the US.

Texas Net International Migrants =
(1) US Net International Migrants * (2) Texas Share

Data

- (1) *U.S. NIM from CB 2023 U.S. Population Projection*
- (2) *ACS 2009-2019 PUMs file*

Note: *The calculations are done for each race/age/sex group*



Net Domestic Migration

Texas Net Domestic Migrants =

(1) US population * (2) Net migration rate to Texas

Data

(1) *CB 2023 U.S. Population Projection*

(2) *ACS 2009-2019 PUMs file*

Note: *The calculations are done for each race/age/sex group*

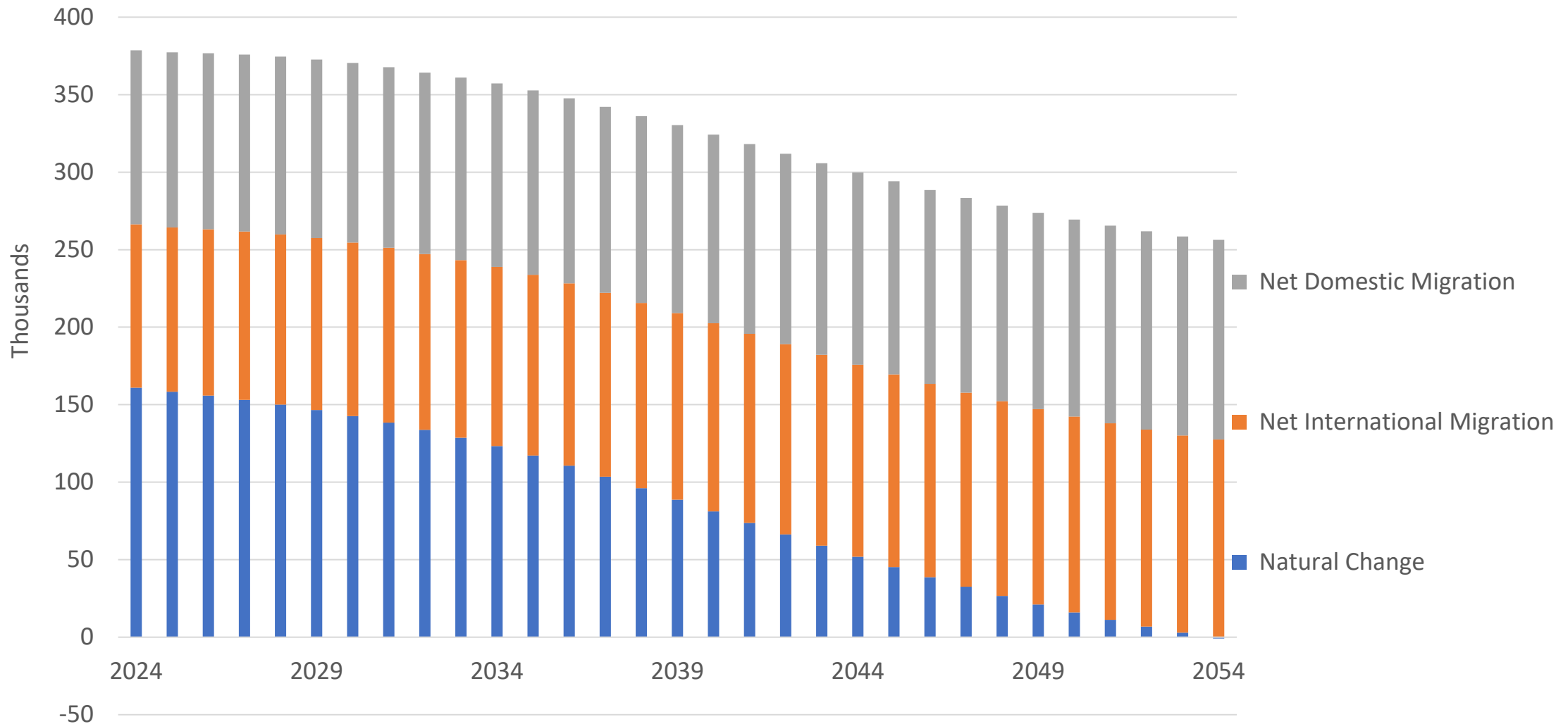


County Migration

Allocate the state migrants using the Census Bureau Vintage 2020 Population Estimates

- ❖ Calculate the yearly average of the migration component of change from 2011 to 2020.
- ❖ Calculate the county share of domestic and international migrants.

Projected Components of Change under the Mid Migration Scenario



Key Takeaways



Continued Growth:

Texas will grow under all migration scenarios, but at a slower pace over time.



Migration-Driven Growth:

Declining birth rates and aging means migration will be the main source of growth by 2060.



Demographic Shifts:

Non-Hispanic White population declines

Hispanic population sees the largest growth



Regional Growth Patterns:

Growth concentrated in the Texas Triangle and metro counties statewide.



Aging Population:

Texas shifts from an Aging (13.5%) to an Ultra-Aged (21.7%) society

150 counties were Ultra-aged in 2020

Nearly all counties will be Ultra-aged by 2060

? Frequently Asked Questions



What are migration scenarios?

- Migration scenarios are assumptions about future migration patterns.
- These scenarios help model different possibilities.
- Vintage 2024 TDC projections utilize the high, medium, and low international migration scenarios from the national projections.
- For Vintage 2024, in general:
High migration scenario – higher population projection; Low migration scenario – lower population projection.



What's the difference between population projections and population estimates?

- Estimates are calculations of the current or past population based on data of events that have already happened.
- Projections are forecasts of future population based on assumptions about fertility, mortality, and migration.
- When both are available for the same period, use the estimates.



Why don't you incorporate economic and other factors in your projections?

- We need projections of these factors, which are often not available.

Coming up



TDC Population Projection Story Map

A dynamic blend of **narratives**, **interactive maps**, and **visualizations** that illustrate how Texas's population is expected to change over the next 40 years



“Special” Projections

These go beyond basic population numbers to explore how demographic changes affect other areas:



Labor Force – Who will be working?



Household – How will living arrangements shift?



Income – What might income distributions look like?



Other? – Population projections with **different development scenarios**



We would like to hear from you!!



Data at Work

Connecting
People, Places, and Possibilities



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Texas Demographic Conference

May 20-21, 2026 | Austin, TX



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Helen You, Ph.D.

 (210) 458-6543

 TDC@UTSA.edu

 demographics.texas.gov/

 @TexasDemography

