Texas Demographic Characteristics, Trends, and Projections and the Changing Workforce

Mexican American Legislative Caucus

Austin, TX

December 10, 2018

@TexasDemography

TEXAS DEMOGRAPHIC CENTER

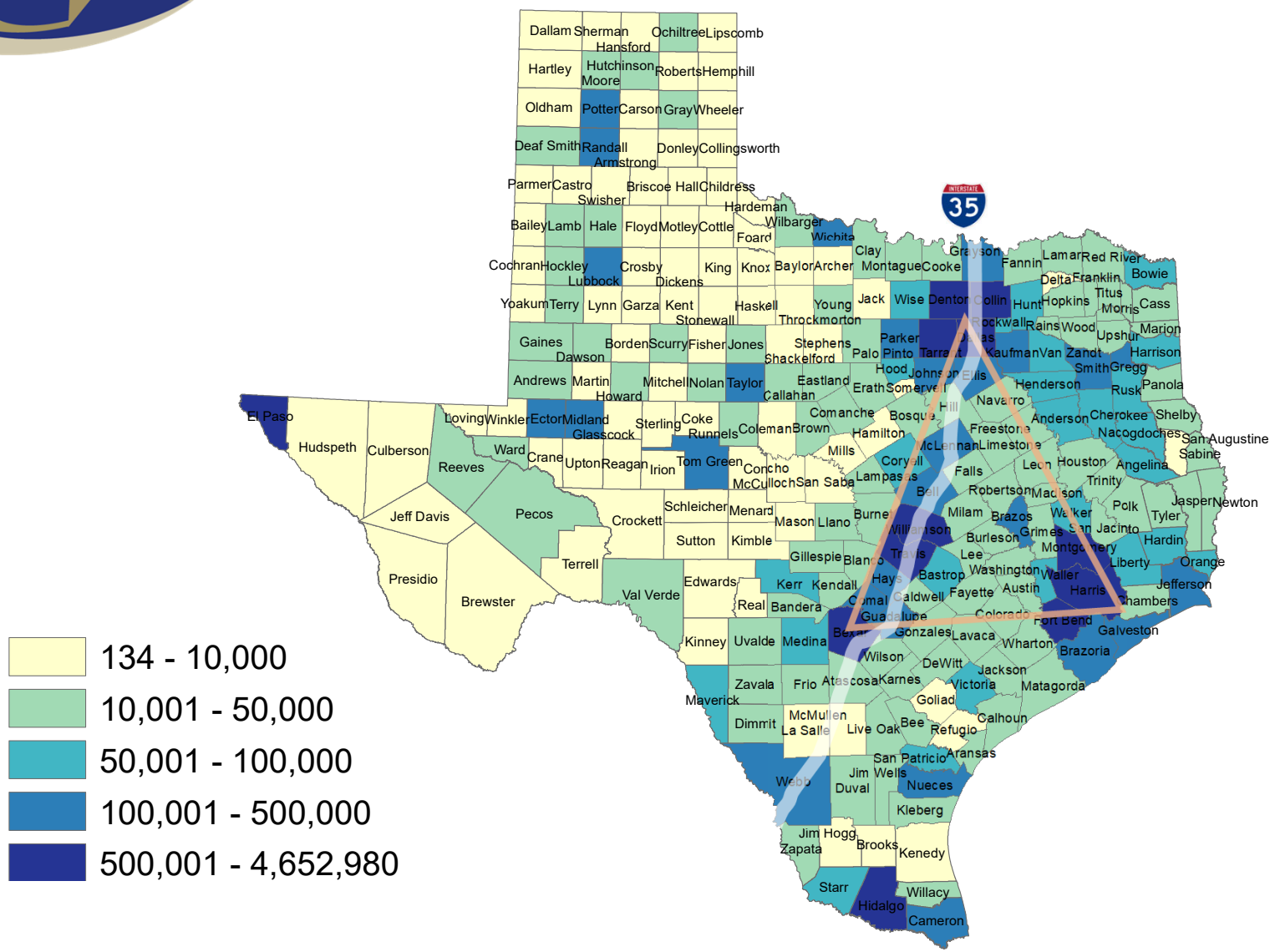
Texas is experiencing significant growth.

Population Growth of Select States, 2000-2017

	2000 Population	2010 Population	2017 Population	Numeric Change 2010-2017	Percent Change 2010-2017
United States	281,421,906	308,745,538	325,719,178	16,961,073	5.5%
Texas	**20,851,820**	**25,145,561**	**28,304,596**	**3,158,496**	**12.6%**
California	33,871,648	37,253,956	39,536,653	2,282,135	6.1%
Florida	15,982,378	18,801,310	20,984,400	2,179,806	11.6%
Georgia	8,186,453	9,687,653	10,429,379	740,689	7.7%
North Carolina	8,049,313	9,535,483	10,273,419	737,698	7.7%
Washington	5,894,121	6,724,540	7,405,743	681,198	10.1%
Arizona	5,130,632	6,392,017	7,016,270	623,961	9.8%
Colorado	5,029,196	5,029,196	5,607,154	577,829	11.5%

Source: U.S. Census Bureau. 2000 and 2010 Census Count, 2017 Population Estimates.

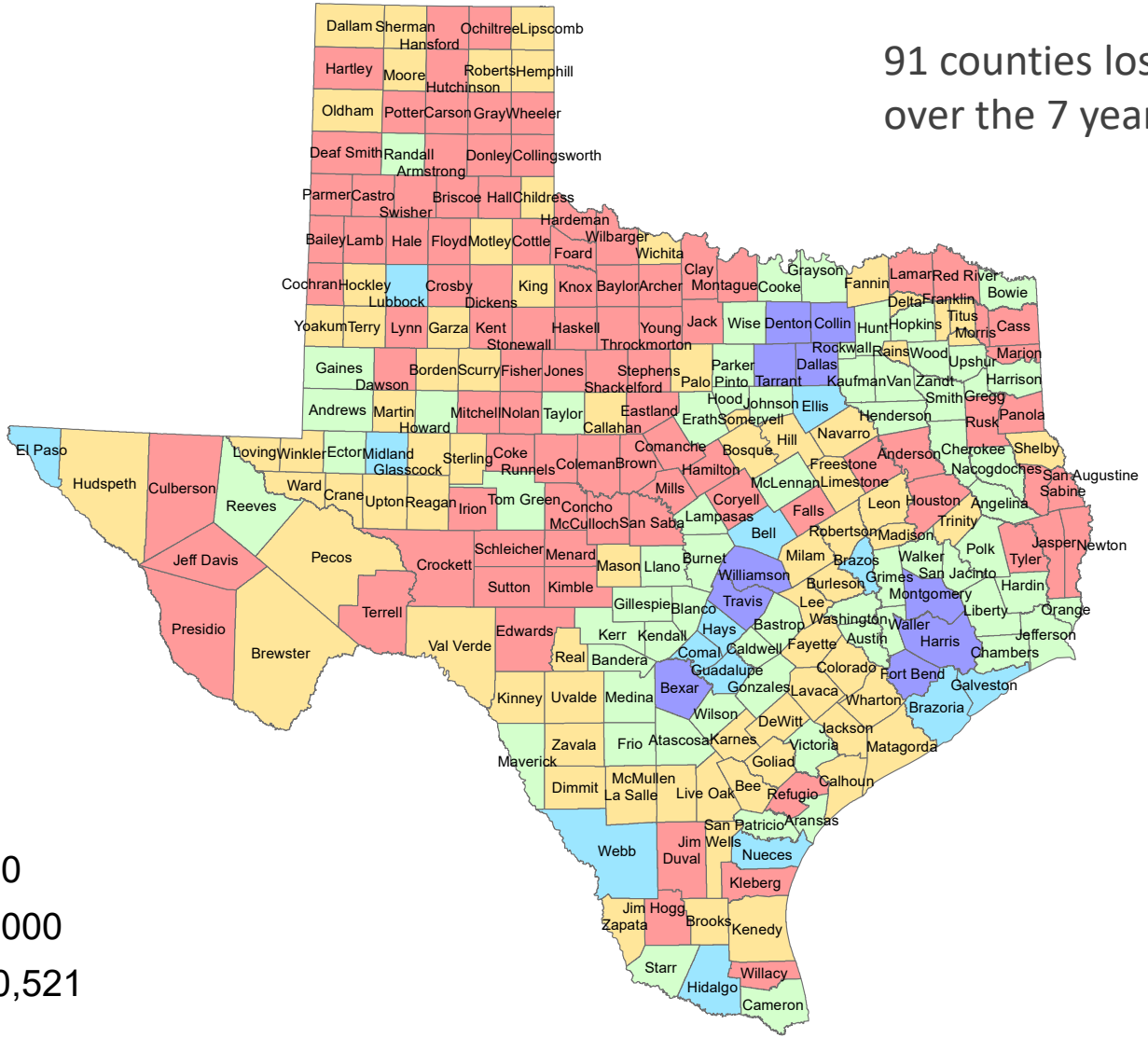
Total Estimated Population by County, Texas, 2017



Source: U.S. Census Bureau, 2017 Vintage Population Estimates

Estimated Population Change, Texas Counties, 2010 to 2017

91 counties lost population over the 7 year period.



-2,139 - 0

1 - 1,000

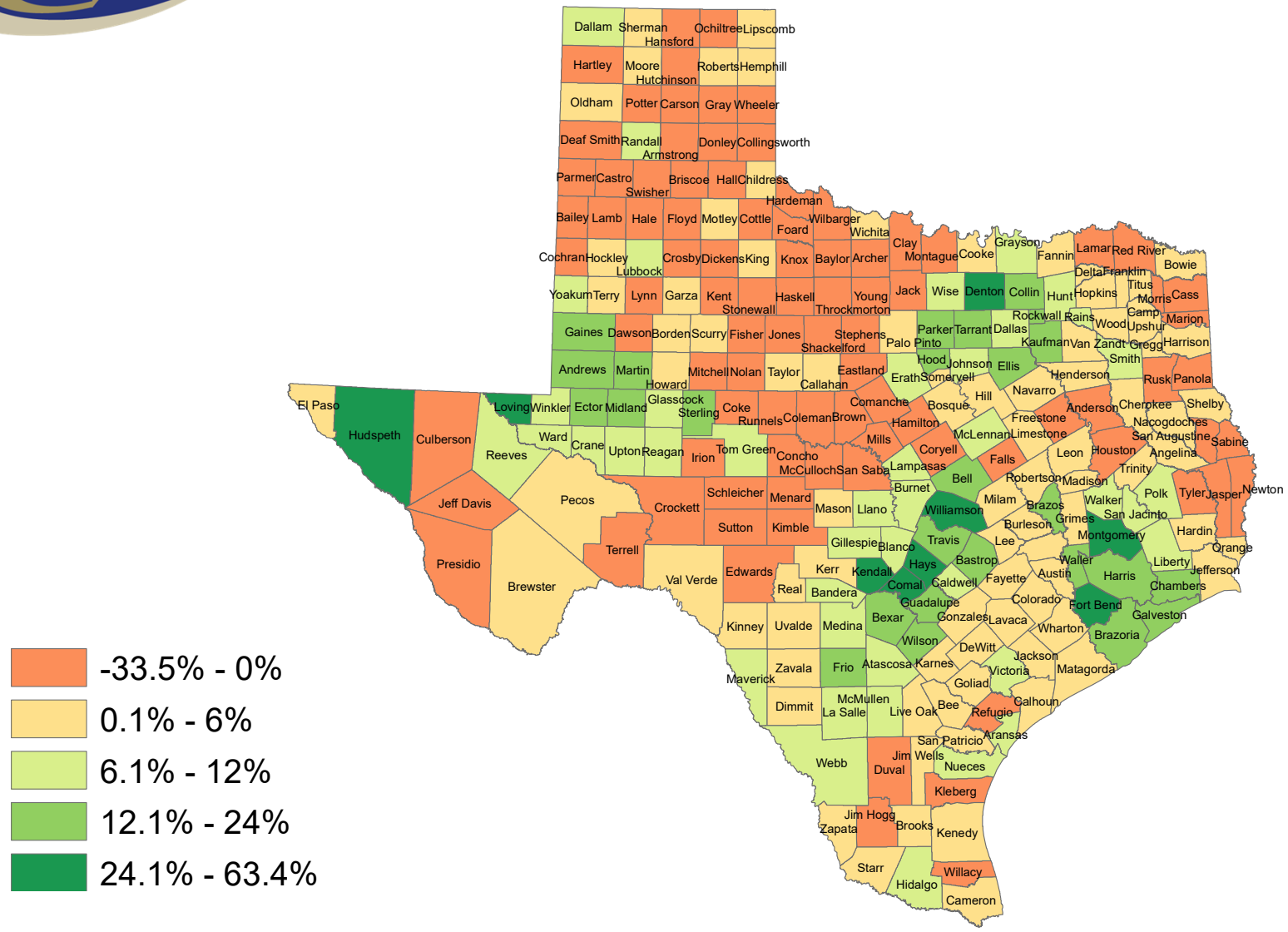
1,001 - 20,000

20,001 - 100,000

100,001 - 560,521

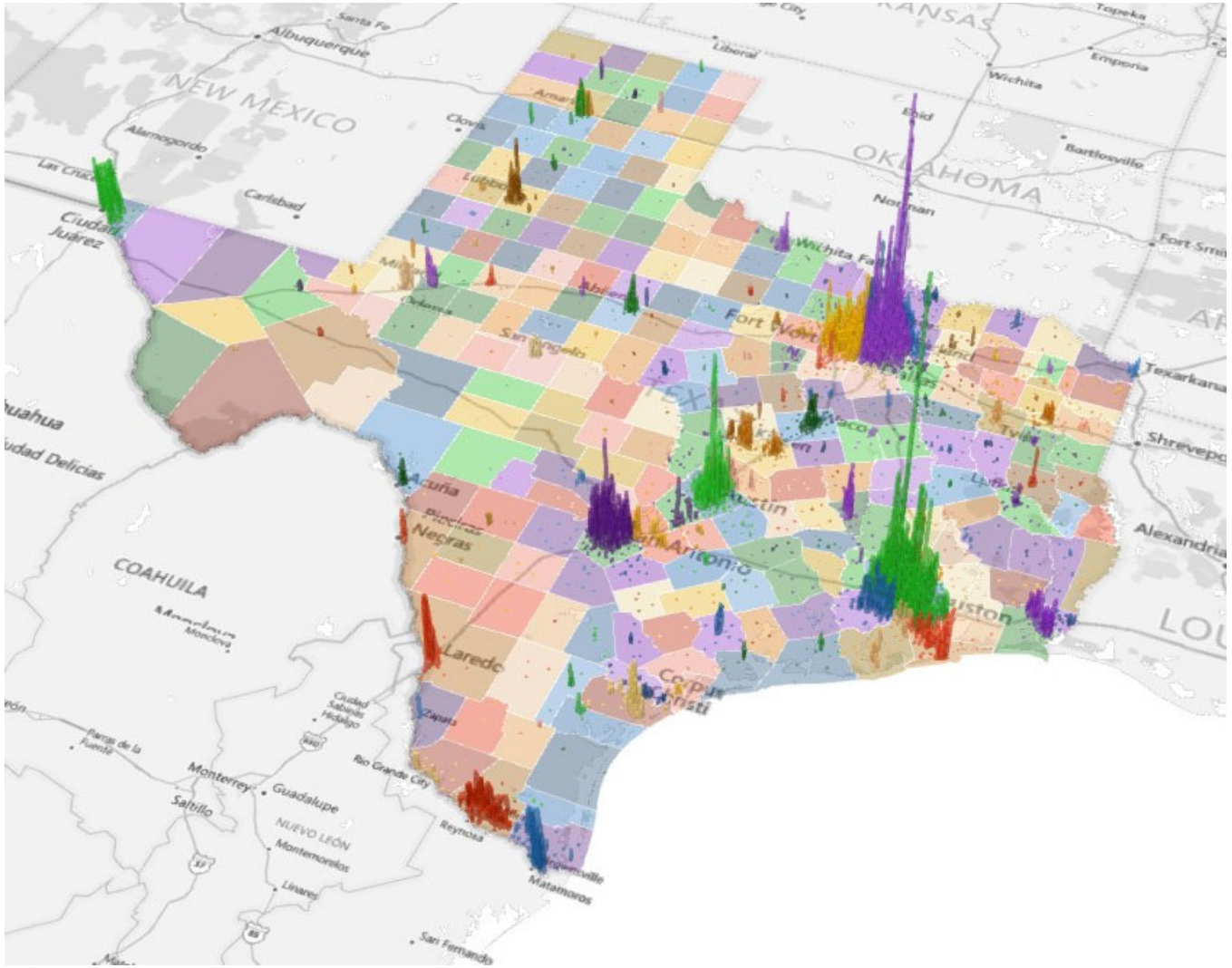
Source: U.S. Census Bureau, 2016 Vintage Population Estimates

Estimated Percent Change of the Total Population by County, Texas, 2010 to 2017



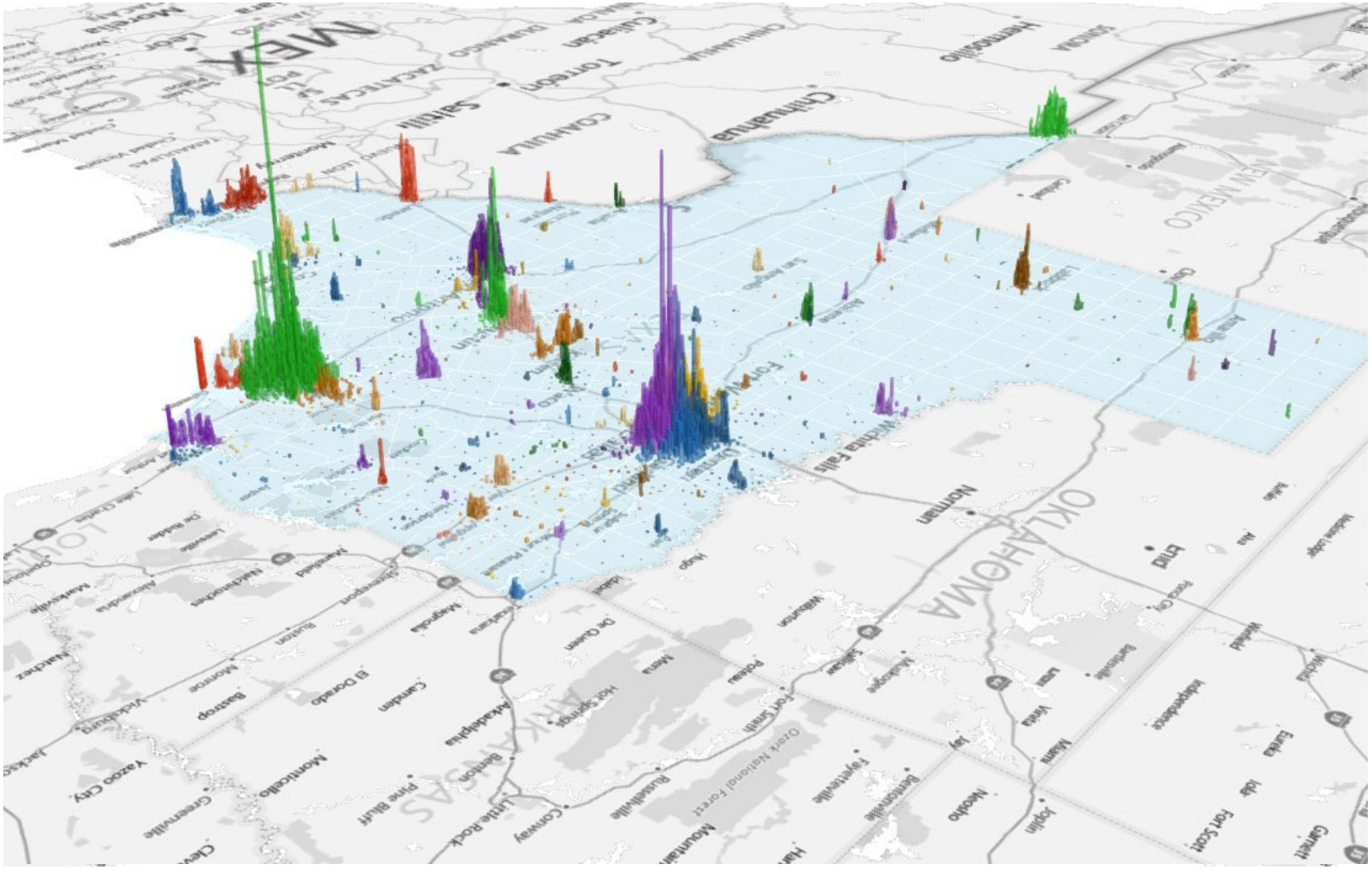
Source: U.S. Census Bureau, 2017 Vintage Population Estimates

Population Density for Census Tracts, Texas, 2016



Source: U.S. Census Bureau, American Community Survey, 2012-2016 5-Year Sample

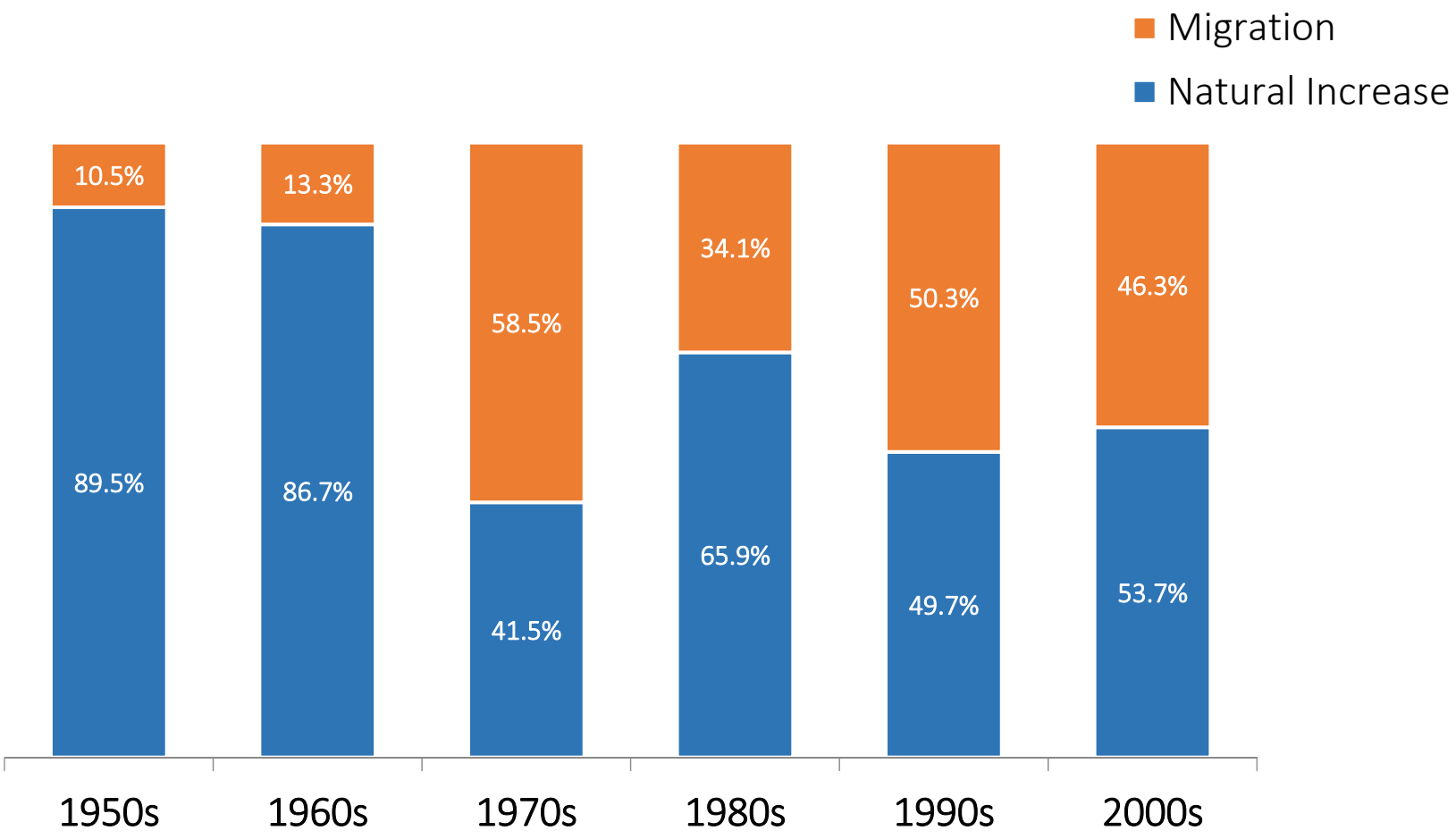
Population Density for Census Tracts, Texas, 2016



Source: U.S. Census Bureau, American Community Survey, 2012-2016 5-Year Sample

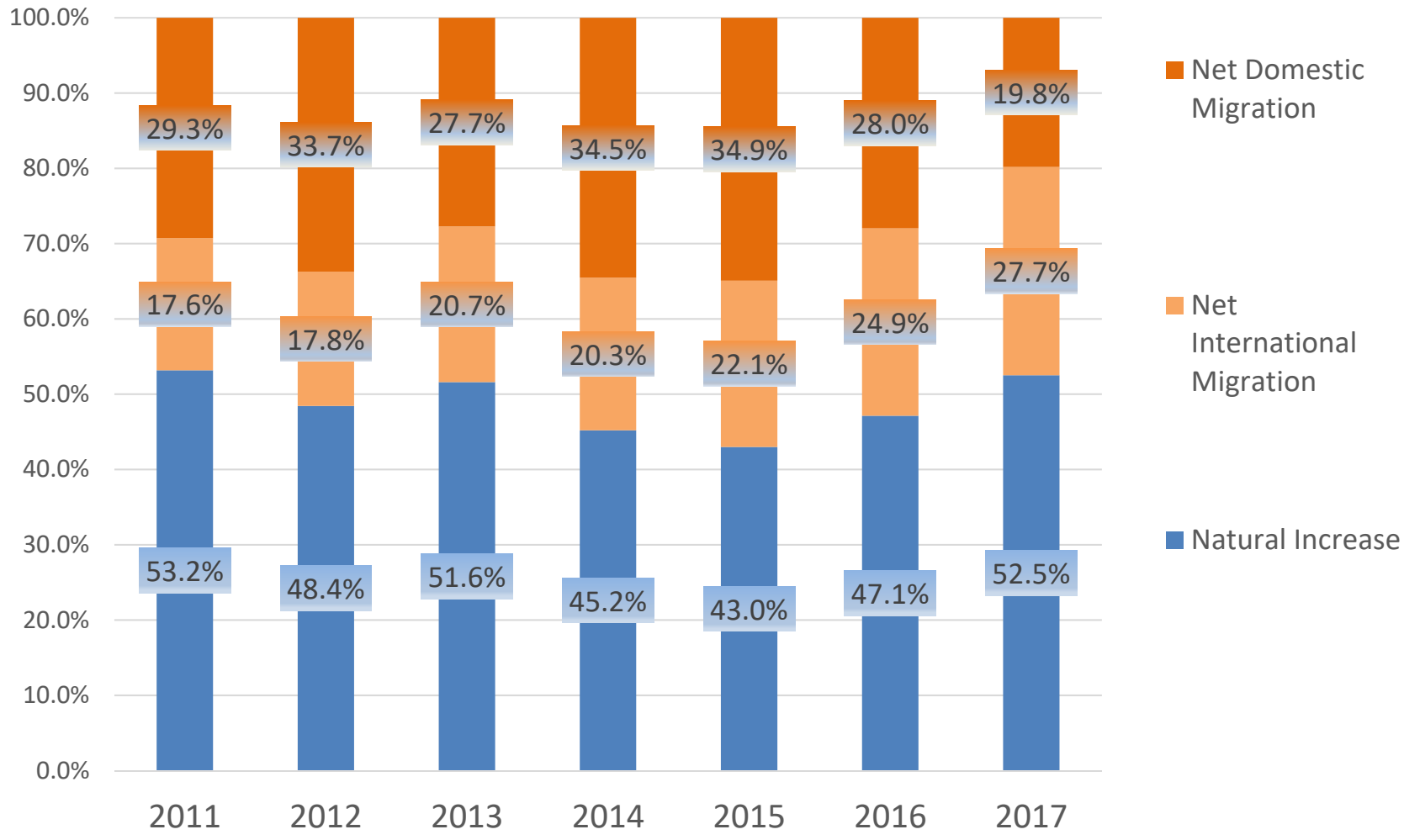
Gone to Texas

Components of Population Change by Percent in Texas, 1950-2010



Source: U.S. Census Bureau, Population Estimates

Estimates of percent components of population change, Texas, 2011-2017



Source: U.S. Census Bureau, 2017 Vintage population estimates

Top Counties for Numeric Growth in Texas, 2016-2017

County	U.S. Rank Population Change	Population Change	Percent of Change from Natural Increase	Percent Change from Domestic Migration	Percent Change from International Migration
Harris*	4	35,939	128.8%	-126.0%	97.2%
Tarrant	5	32,729	47.9%	29.0%	23.1%
Bexar	7	30,831	47.8%	33.4%	18.8%
Dallas	8	30,686	78.0%	-25.5%	47.6%
Denton	9	27,911	23.3%	67.0%	9.7%
Collin	10	27,150	24.4%	56.5%	19.0%
Fort Bend	14	22,870	29.4%	48.1%	22.6%
Travis	15	22,116	47.9%	22.1%	30.0%
Williamson	19	19,776	20.1%	73.5%	6.3%
Montgomery	28	16,412	22.7%	68.5%	8.8%
Hidalgo*	49	10,474	105.9%	-34.5%	28.5%

*Hidalgo and Harris Counties had negative net migration (Harris -10,322 and Hidalgo -621).

*Among Counties with 10,000 or more population in 2017

Source: U.S. Census Bureau, 2017 Vintage Population Estimates

Top Counties for Percent Growth* in Texas, 2016-2017

County	U.S. Rank	2016-2017 Percent Population Change	Percent Change from Domestic Migration	Percent Change from International Migration
Comal	2	5.1%	90.7%	1.9%
Hays	4	5.0%	81.6%	2.8%
Kendall	5	4.9%	96.3%	3.3%
Kaufman	11	4.1%	83.0%	2.2%
Rains	13	4.0%	103.1%	2.9%
Williamson	16	3.7%	73.5%	6.3%
Rockwall	22	3.6%	81.8%	2.4%
Parker	26	3.6%	89.7%	1.3%
Denton	32	3.5%	67.0%	9.7%
Guadalupe	36	3.3%	81.4%	2.7%
Ellis	44	3.1%	78.2%	3.0%
Llano	45	3.1%	119.8%	0.5%
Fort Bend	48	3.1%	48.1%	22.6%

*Among Counties with 10,000 or more population in 2017

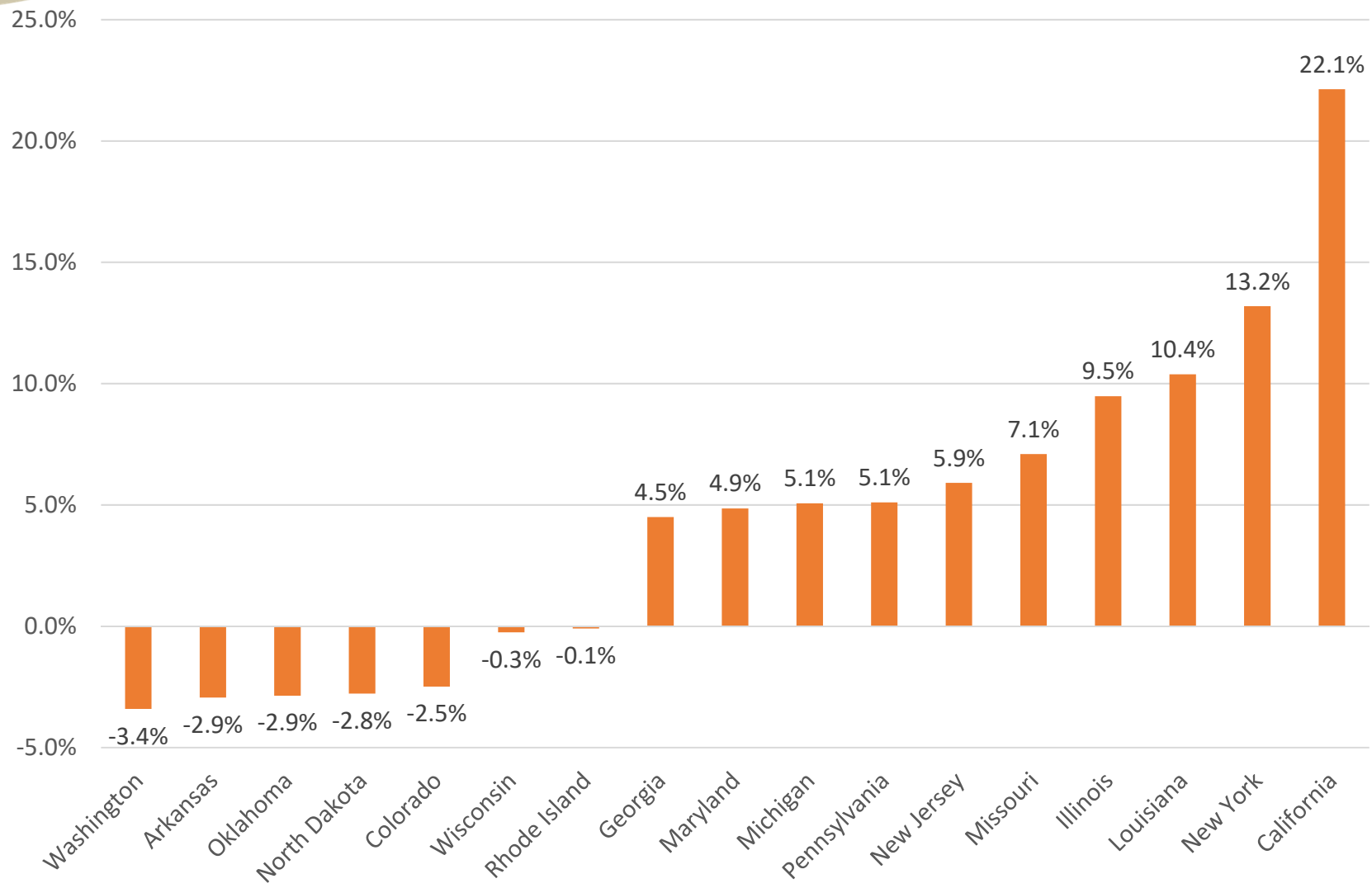
Source: U.S. Census Bureau, 2017 Vintage Population Estimates

The 15 Fastest-Growing Large Cities and Towns Between July 1, 2016, and July 1, 2017 (Populations of 50,000 or more in 2016)

Rank	City	State	Percent increase	2017 total population
1	**Frisco**	**Texas**	**8.2**	**177,286**
2	**New Braunfels**	**Texas**	**8.0**	**79,152**
3	**Pflugerville**	**Texas**	**6.5**	**63,359**
4	Ankeny	Iowa	6.4	62,416
5	Buckeye	Arizona	5.9	68,453
6	**Georgetown**	**Texas**	**5.4**	**70,685**
7	Castle Rock town	Colorado	5.1	62,276
8	Franklin	Tennessee	4.9	78,321
9	**McKinney**	**Texas**	**4.8**	**181,330**
10	Meridian	Idaho	4.7	99,926
11	**Flower Mound town**	**Texas**	**4.3**	**76,681**
12	Bend	Oregon	4.3	94,520
13	**Cedar Park**	**Texas**	**4.2**	**75,704**
14	Doral	Florida	4.2	61,130
15	Fort Myers	Florida	4.2	79,94

Source: U.S. Census Bureau, 2017 Vintage Population Estimates

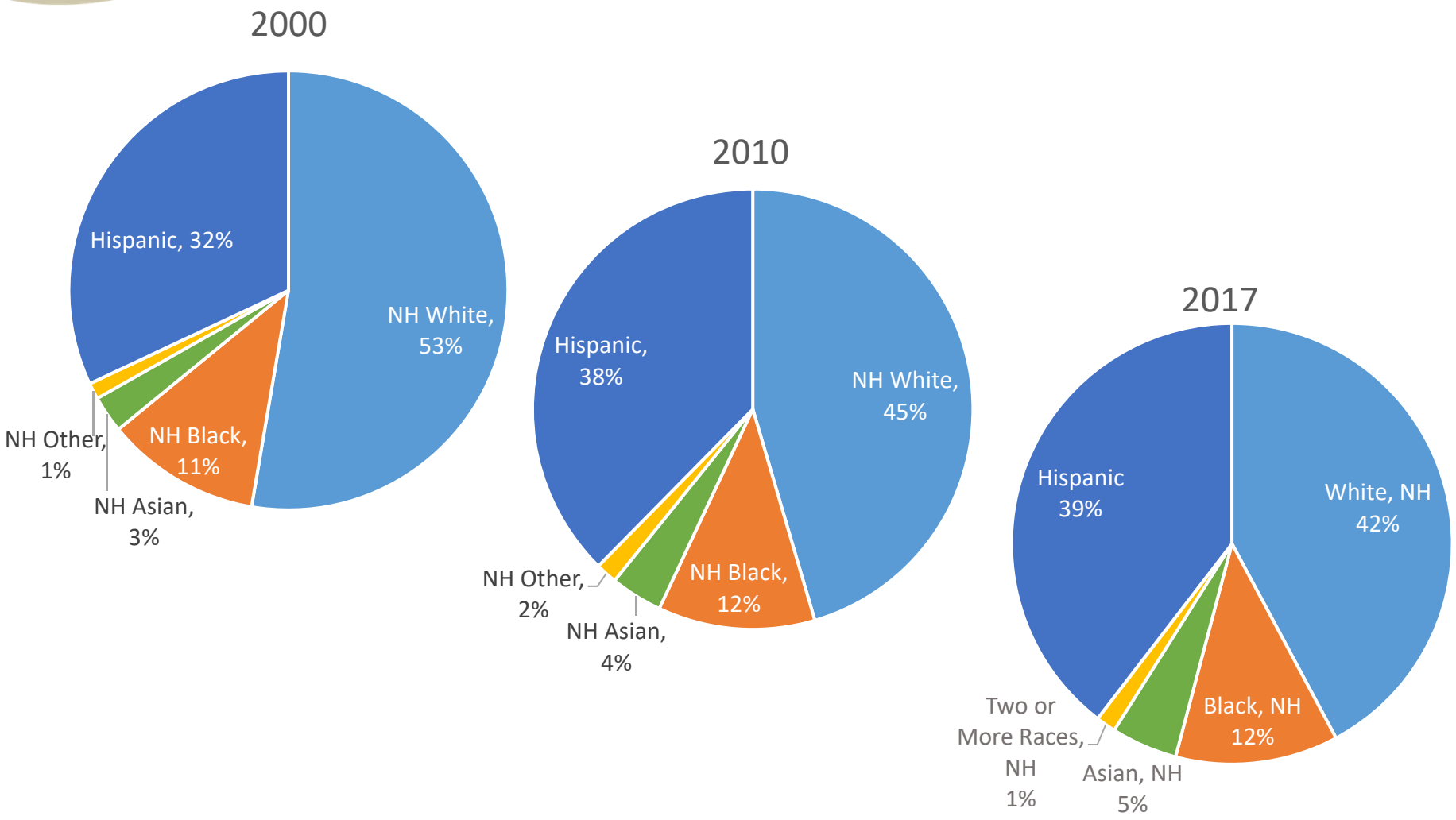
Estimated Percent of Total Net-Migrant Flows to and From Texas and Other States, 2015



Source: U.S. Census Bureau, 2016. ACS Migration Flows, 2015

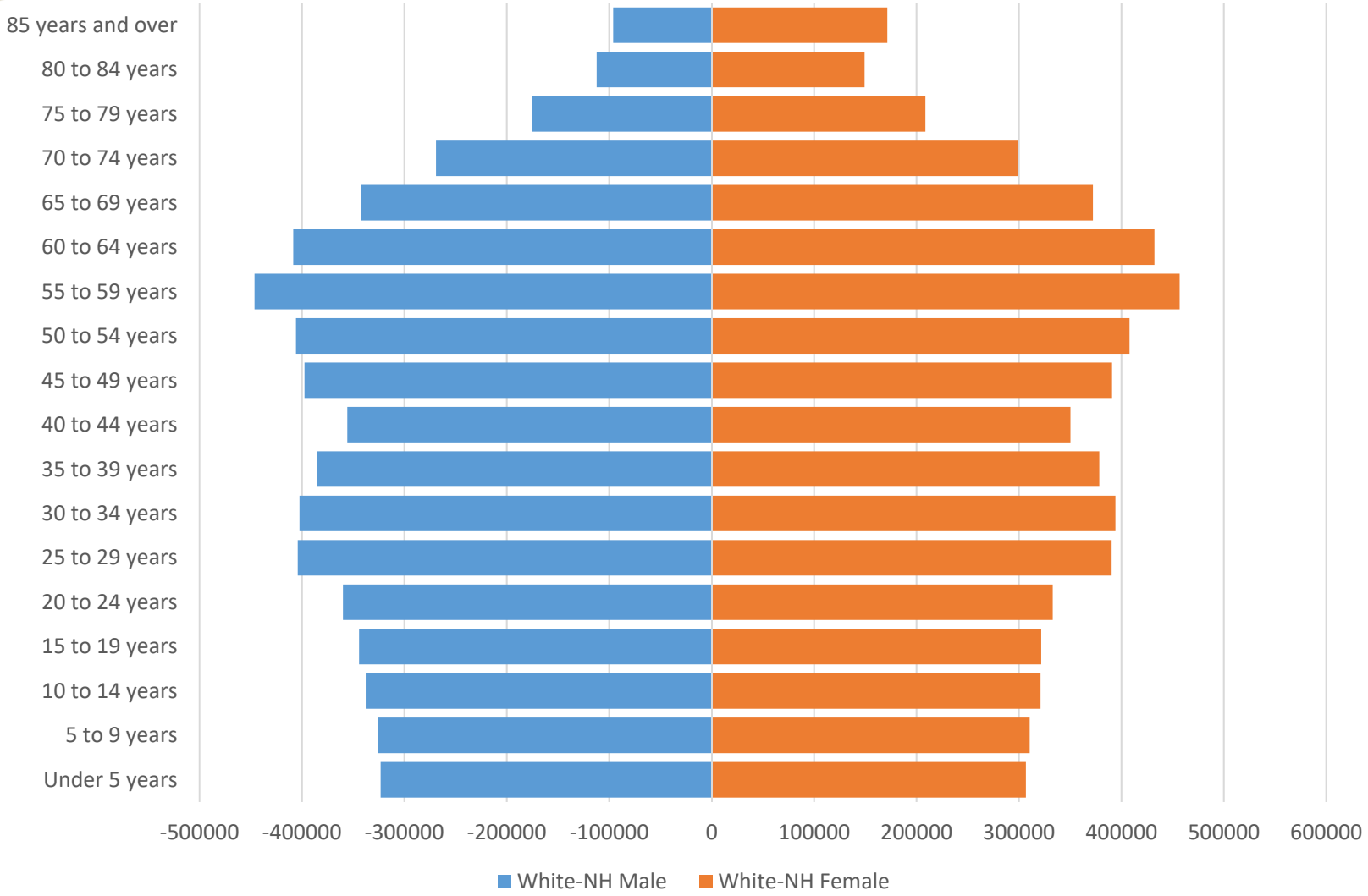
Texas continues to diversify.

Texas Racial and Ethnic Composition, 2000, 2010, and 2017



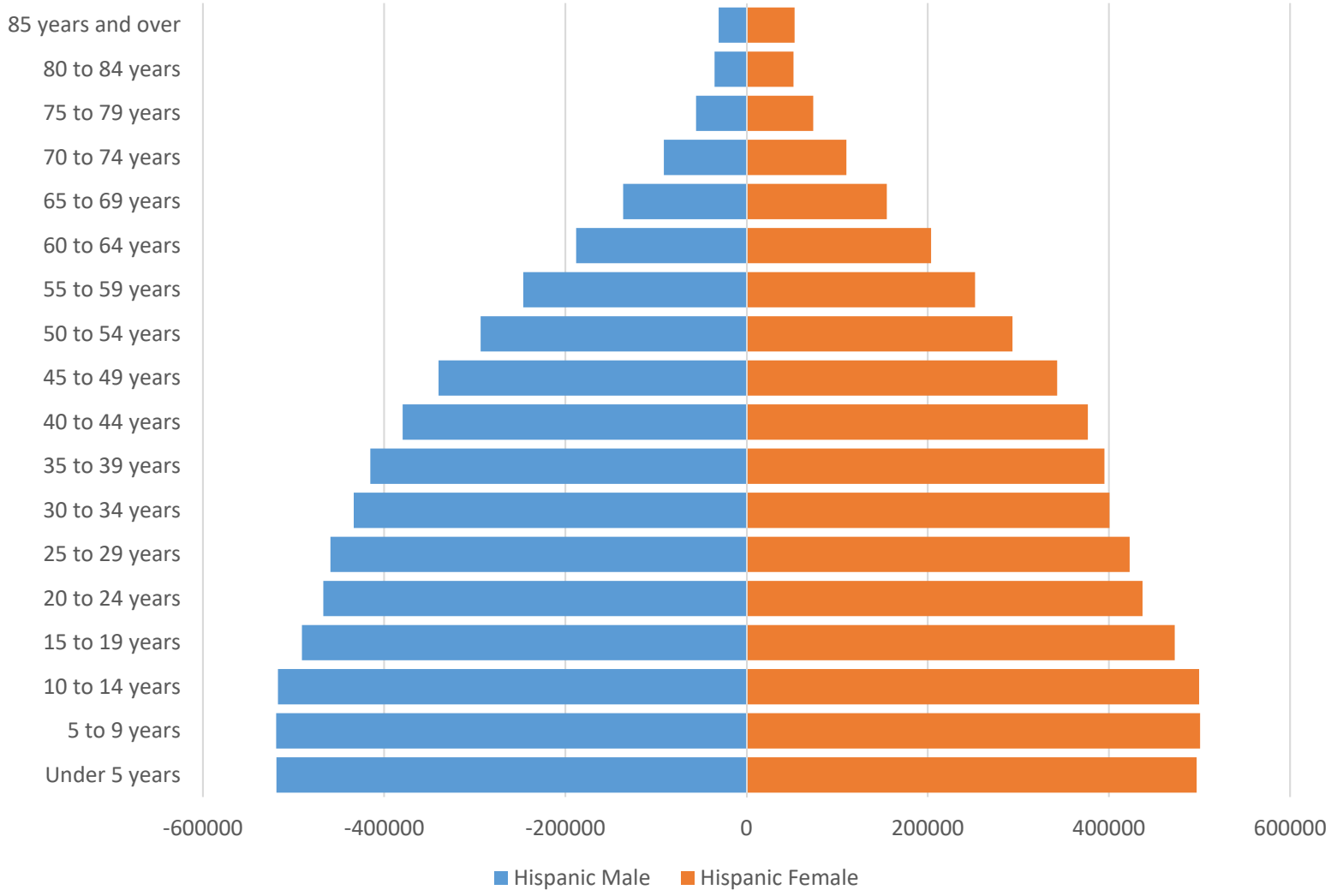
Source: U.S. Census Bureau. 2000, 2010 Decennial Census and 2017 Population Estimates

Population Pyramid for White Non-Hispanics in Texas, 2017



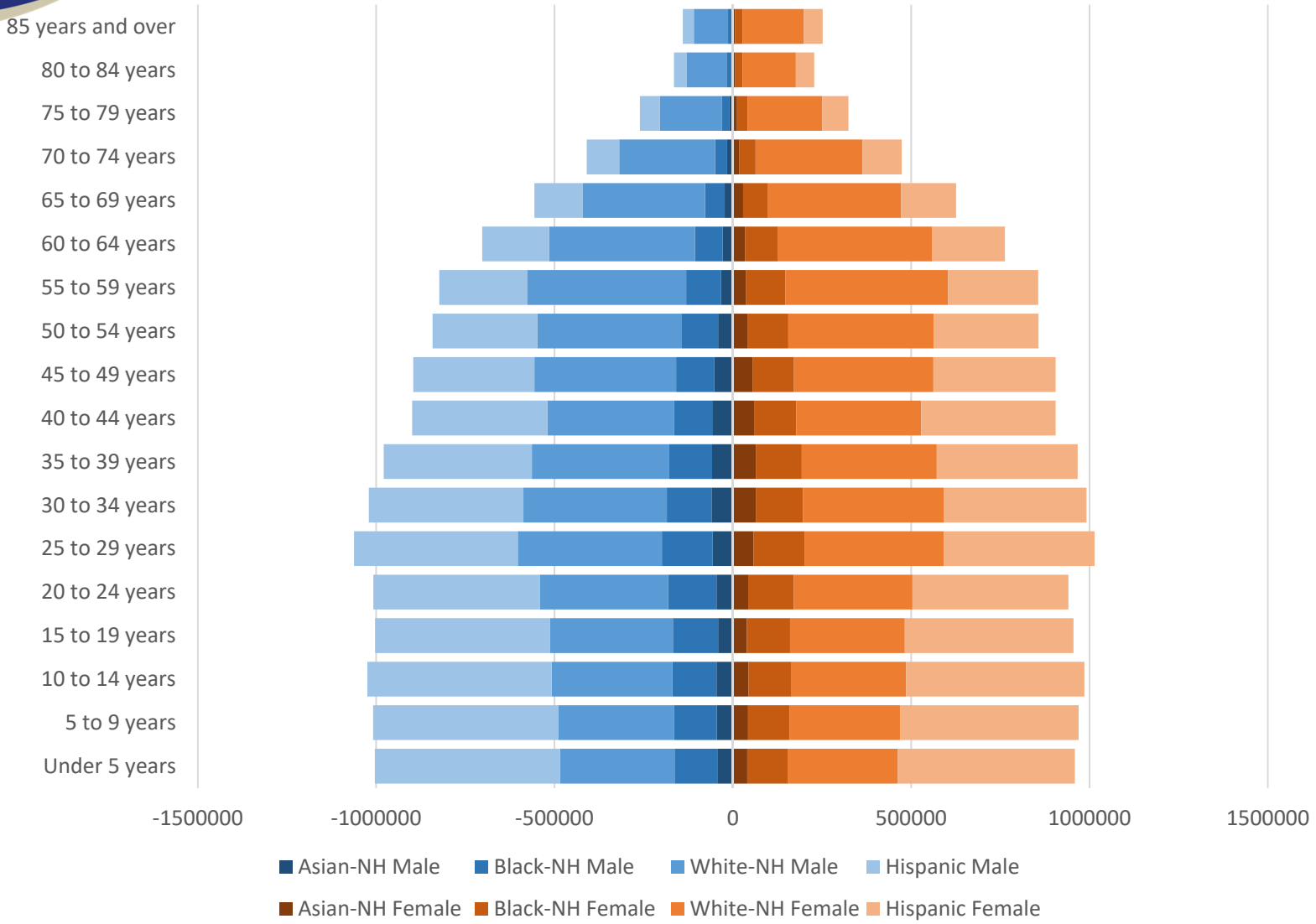
Source: U.S. Census Bureau, 2017 Population Estimates

Population Pyramid for Hispanics in Texas, 2017



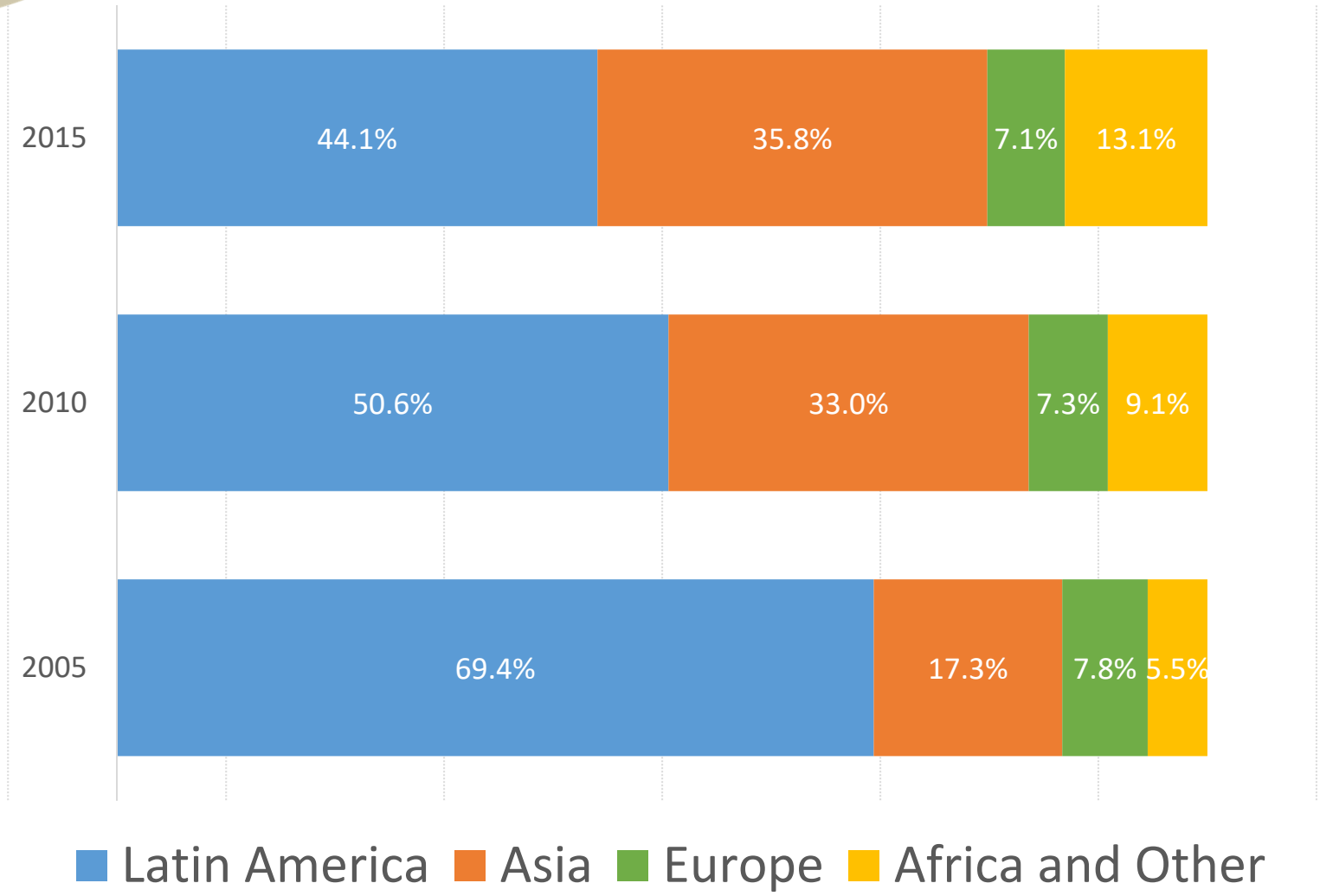
Source: U.S. Census Bureau, 2017 Population Estimates

Texas Population Pyramid by Race/Ethnicity, 2017



Source: U.S. Census Bureau, 2017 Population Estimates

Annual Shares of Recent Non-Citizen Immigrants to Texas by World Area of Birth, 2005-2015

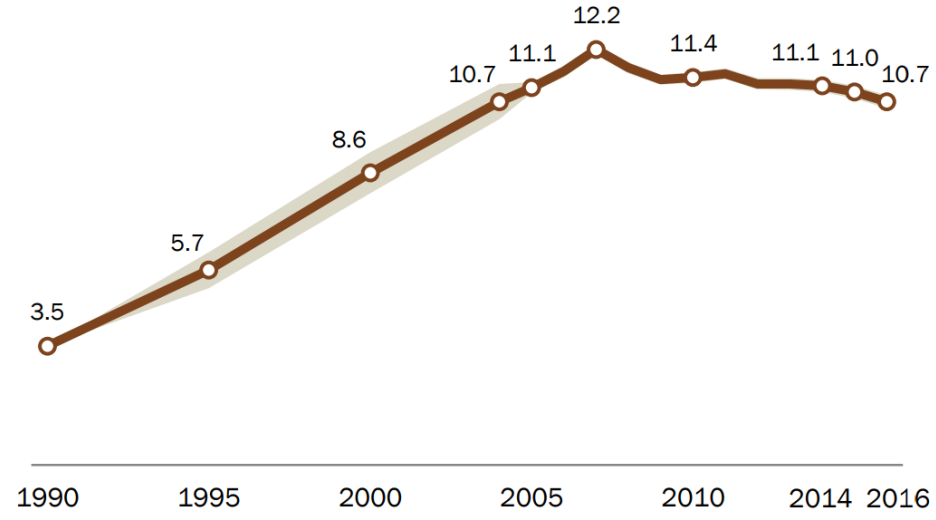


Source: U.S. Census Bureau, American Community Survey, 1-Year PUMS

Unauthorized Immigration, 2016

U.S. unauthorized immigrant total rises, then falls

In millions

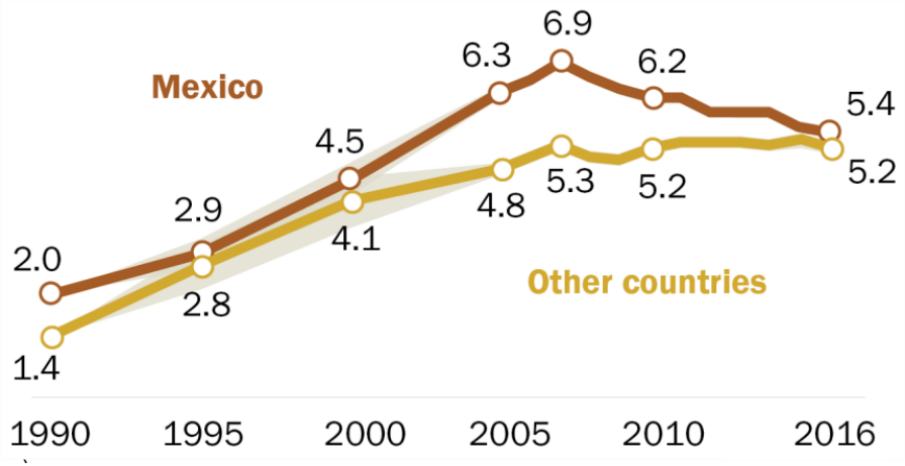


Note: Shading shows range of estimated 90% confidence interval.
Source: Pew Research Center estimates based on augmented U.S. Census Bureau data. See Methodology for details.
"U.S. Unauthorized Immigrant Total Dips to Lowest Level in a Decade"

PEW RESEARCH CENTER

U.S. unauthorized immigrant total declines from Mexico but is steady from other nations

In millions



Note: Shading shows range of estimated 90% confidence interval.
Source: Pew Research Center estimates based on augmented U.S. Census Bureau data. See Methodology for details.
"U.S. Unauthorized Immigrant Total Dips to Lowest Level in a Decade"

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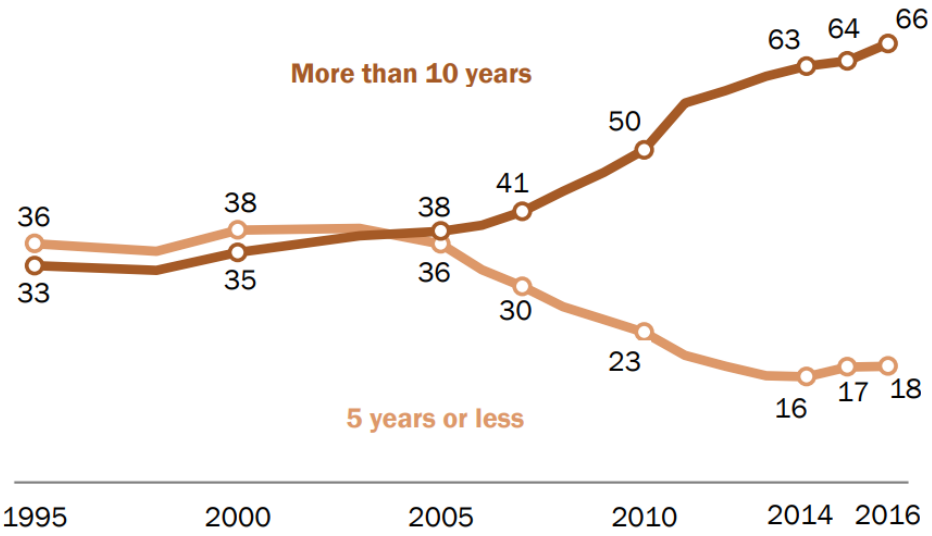
In 2016, the number of unauthorized immigrants in Texas remained stable at 1.6 million, or 5.7% of the total population.

Texas experienced an increase in the number of unauthorized in its workforce, or 1.15 million, but unauthorized workers made up a shrinking of the Texas labor force at 8.2%.

Unauthorized Immigration, 2016

Short-term residents decline and long-term residents rise as share of U.S. unauthorized immigrants

% of adult unauthorized immigrants, by duration of U.S. residence



Source: Pew Research Center estimates based on augmented U.S. Census Bureau data. See Methodology for details.
"U.S. Unauthorized Immigrant Total Dips to Lowest Level in a Decade"

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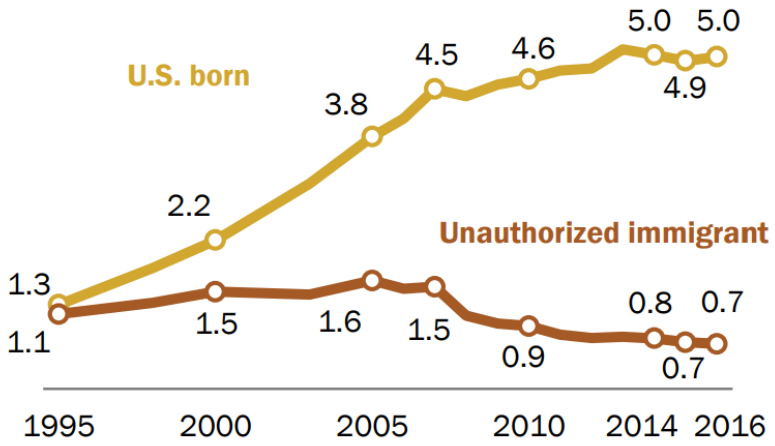
13.3% of Texas K-12 students have at least one parent who is an unauthorized immigrant.

Most children living with unauthorized immigrant parents are born in the U.S.

In millions



Note: More than 99% of the U.S.-born and unauthorized immigrant children live with their unauthorized immigrant parents or live in households where the only adult(s) are a related unauthorized immigrant or a related couple in which one or both spouses/partners are unauthorized immigrants.
Source: Pew Research Center estimates based on augmented U.S. Census Bureau data. See Methodology for details.
"U.S. Unauthorized Immigrant Total Dips to Lowest Level in a Decade"

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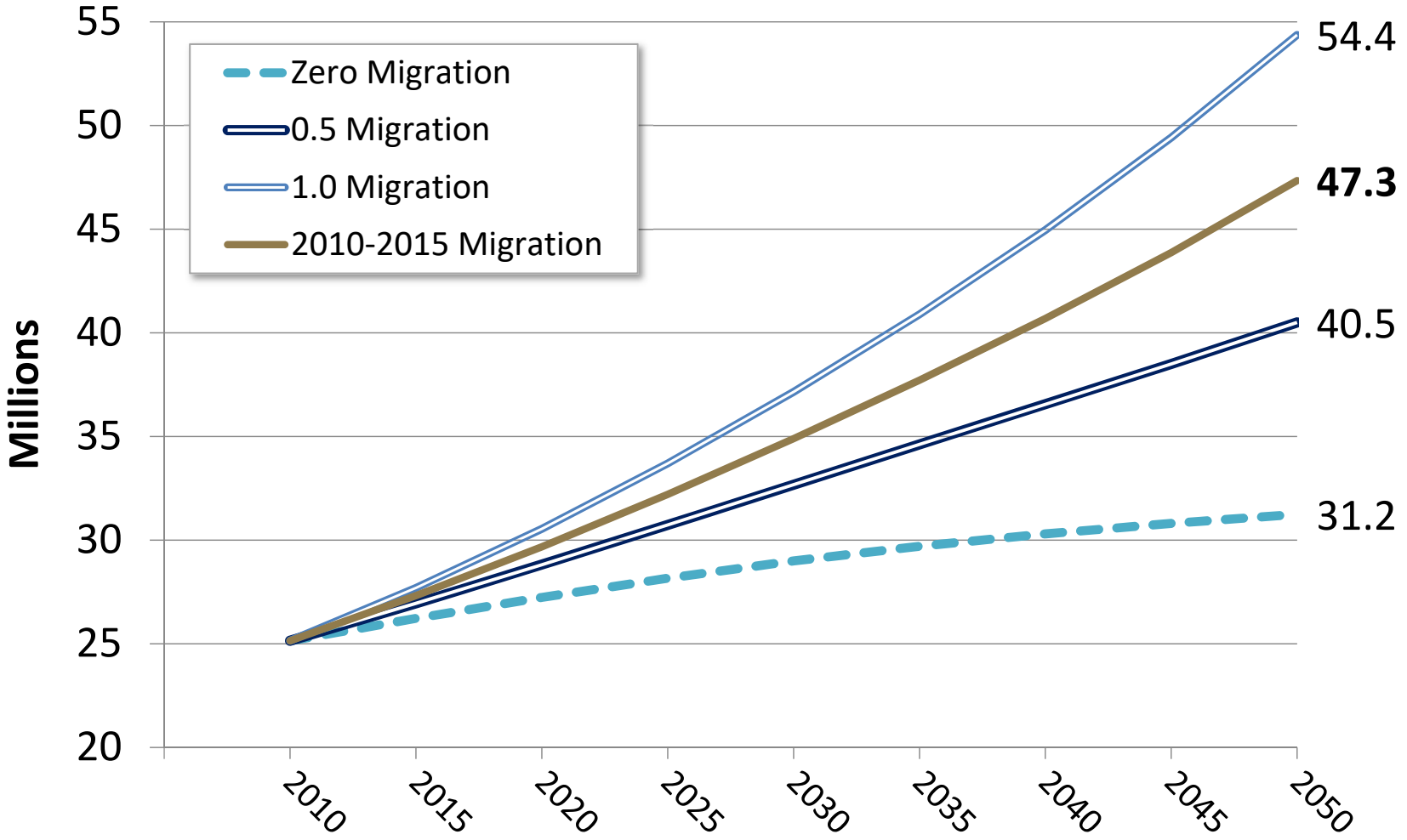
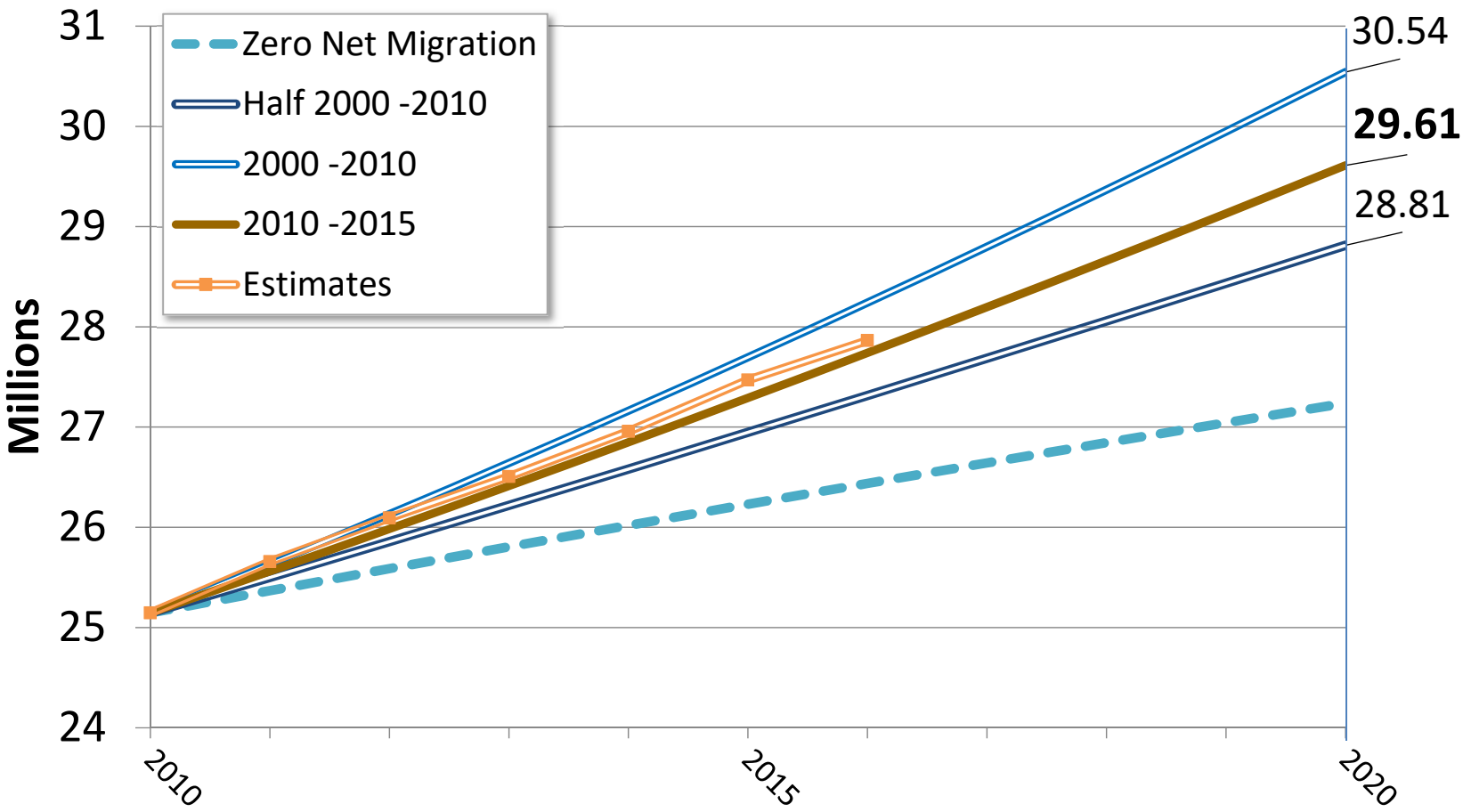
Population Projections

Projected Population, 2010-2050, Texas

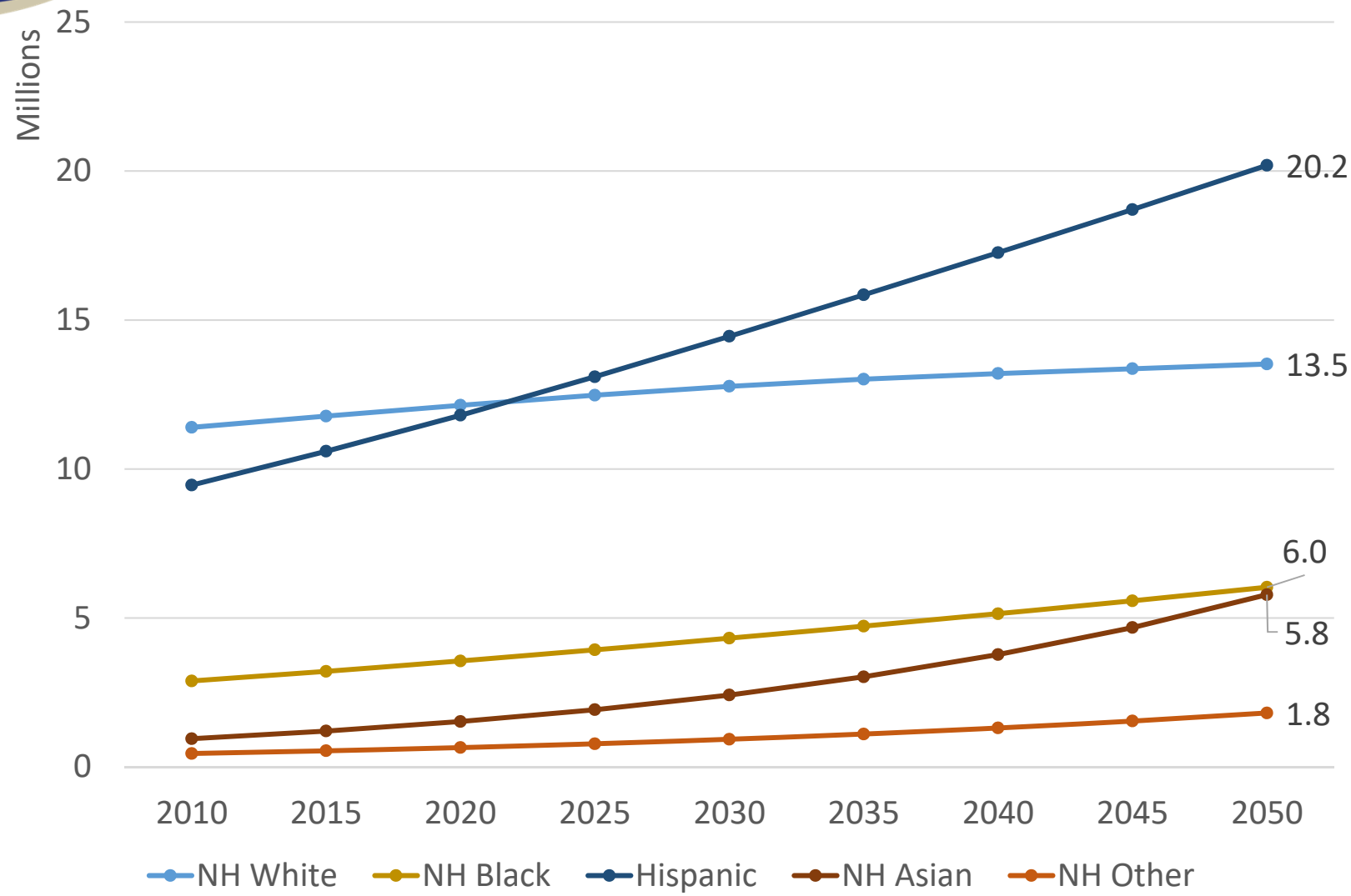


Projected Population Growth in Texas, 2010-2020



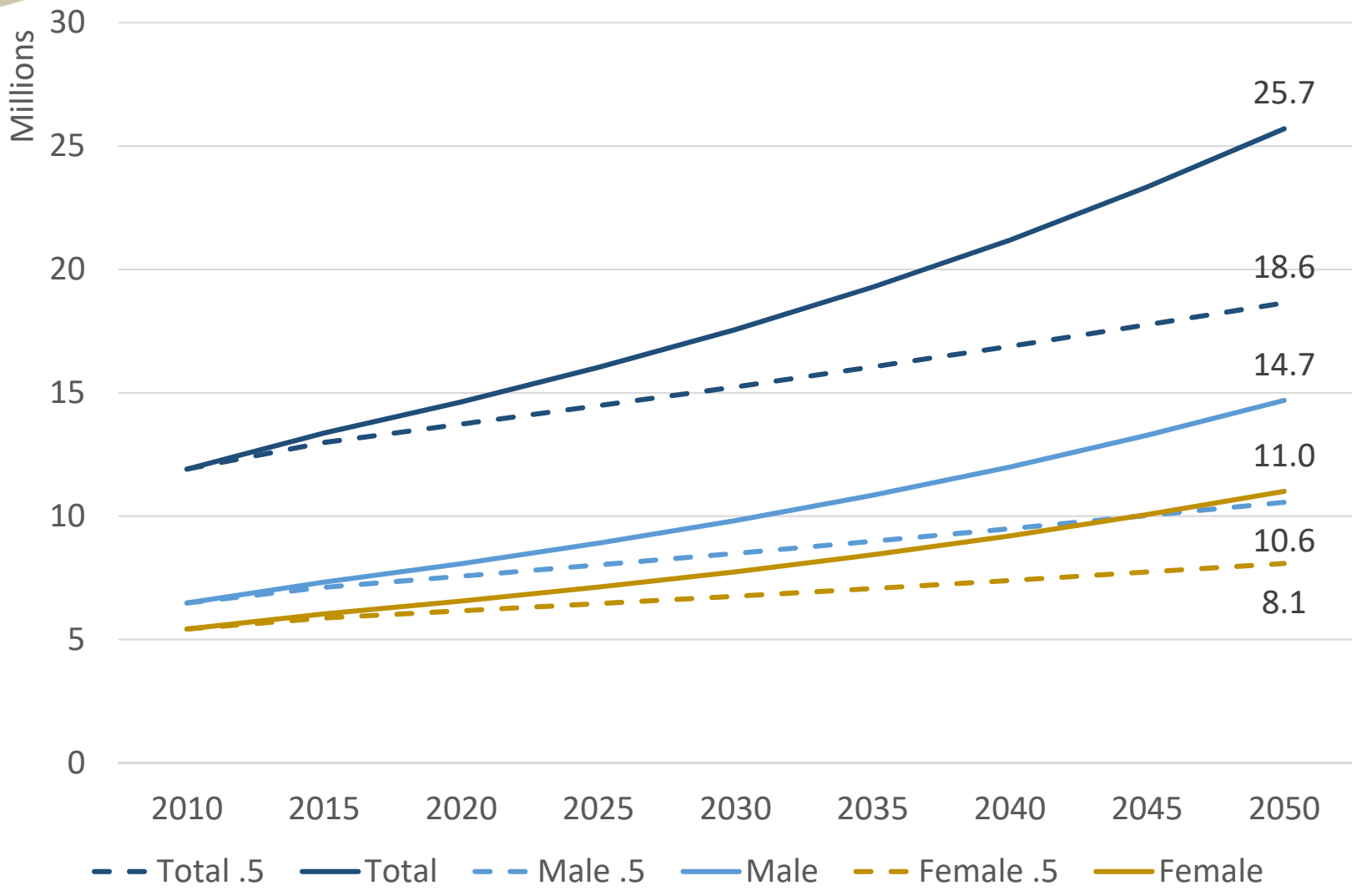
Source: Texas Demographic Center 2014 Population Projections

Projected Population by Race and Ethnicity, Texas 2010-2050

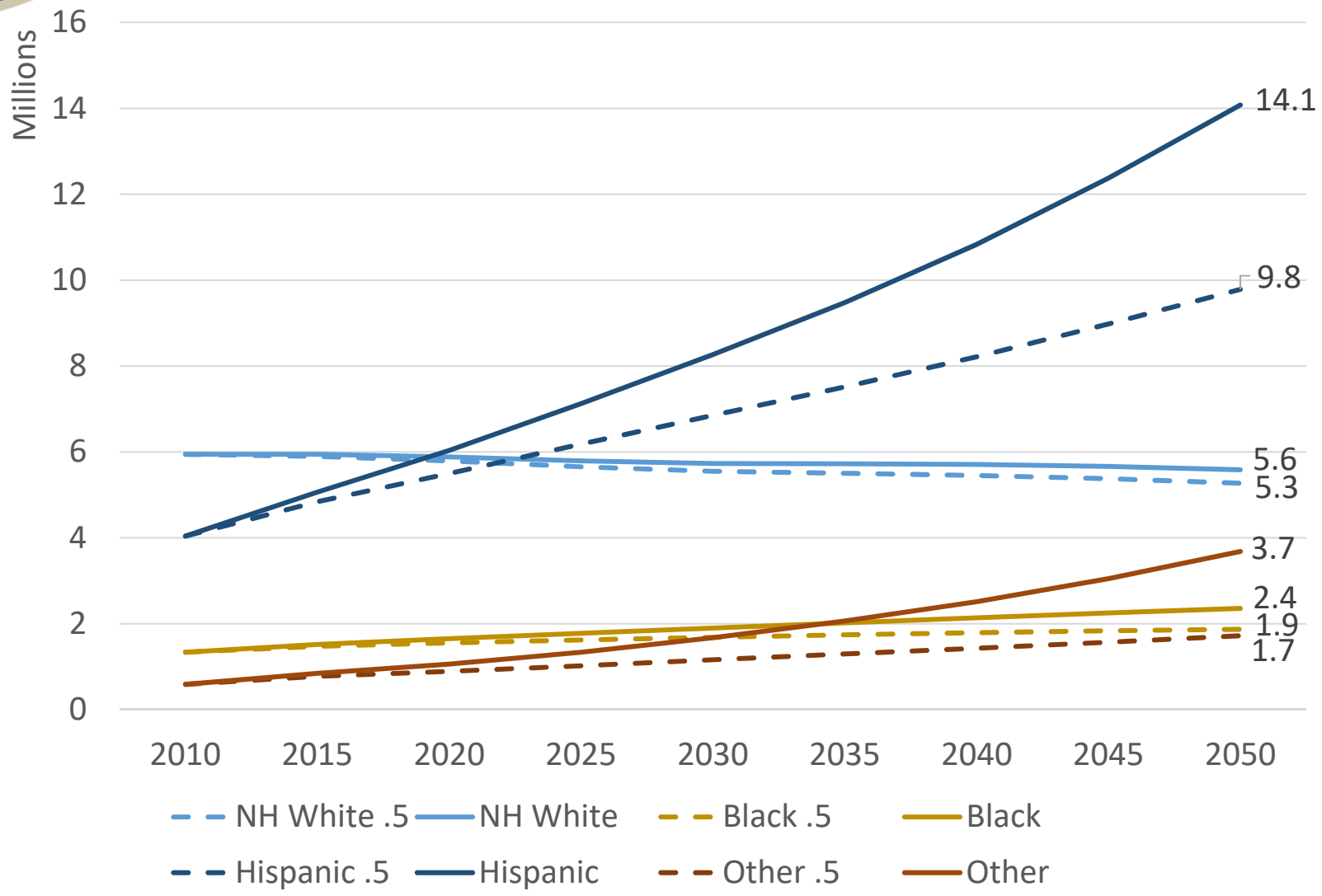


Source: Texas Demographic Center 2018 Population Projections

Projected Labor Force by Sex, Texas, 2010-2050



Projected Labor Force Population by Race/Ethnicity, Texas, 2010-2050



Complete Count Committees

United States Census Bureau

United States Census 2020

2018

- Tribal leader, governor, or highest elected local official or community leader determines Complete Count Committees (CCCs) structure.
- CCCs receive 2020 Census training.

2019

- Continue establishing CCCs.
- Open Area Census Offices.
- CCCs develop strategy and work plan.

2020

- CCCs begin community organization mobilization.
- 2020 Census advertising campaign begins in early 2020.
- CCCs support the 2020 Census.
- CCCs encourage self-response.

April 1, 2020 – CENSUS DAY

- CCCs urge households who do not respond to cooperate with census takers.

2020 Census:
Key Upcoming Activities

2018

Partnership Program – Launch of the partnership program

Complete Count Committees – Formation of committees should be complete

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Advertising – Begins in early 2020

Census Day – April 1, 2020

2019-2020

Nonresponse Follow Up – Begins in late April and continues until late June/early July

Apportionment Counts to the President – by December 31, 2020

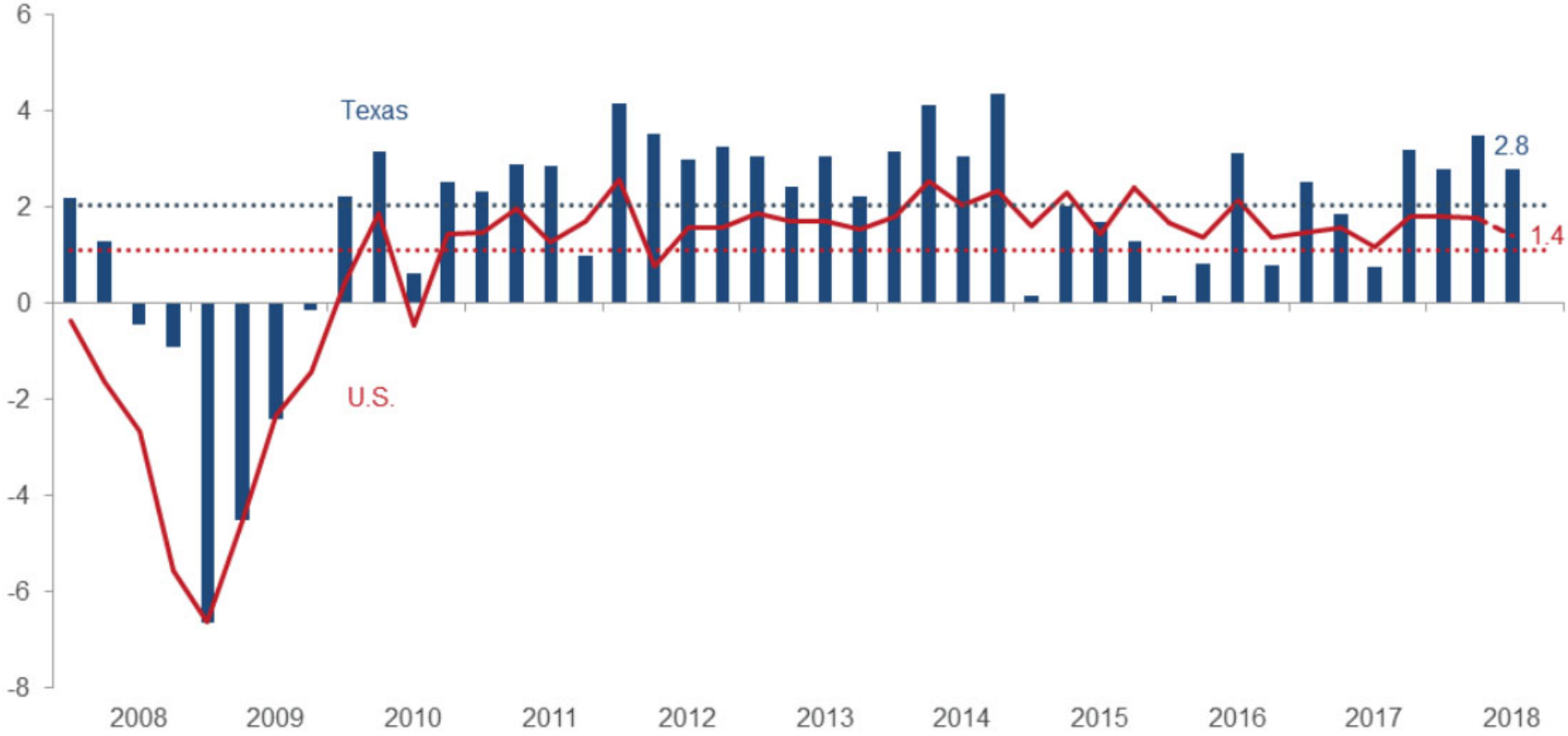
2021

Redistricting Counts to the States – by March 31, 2021

The Texas Economy

Texas Employment Growth Strong

Percent change, quarter/quarter*

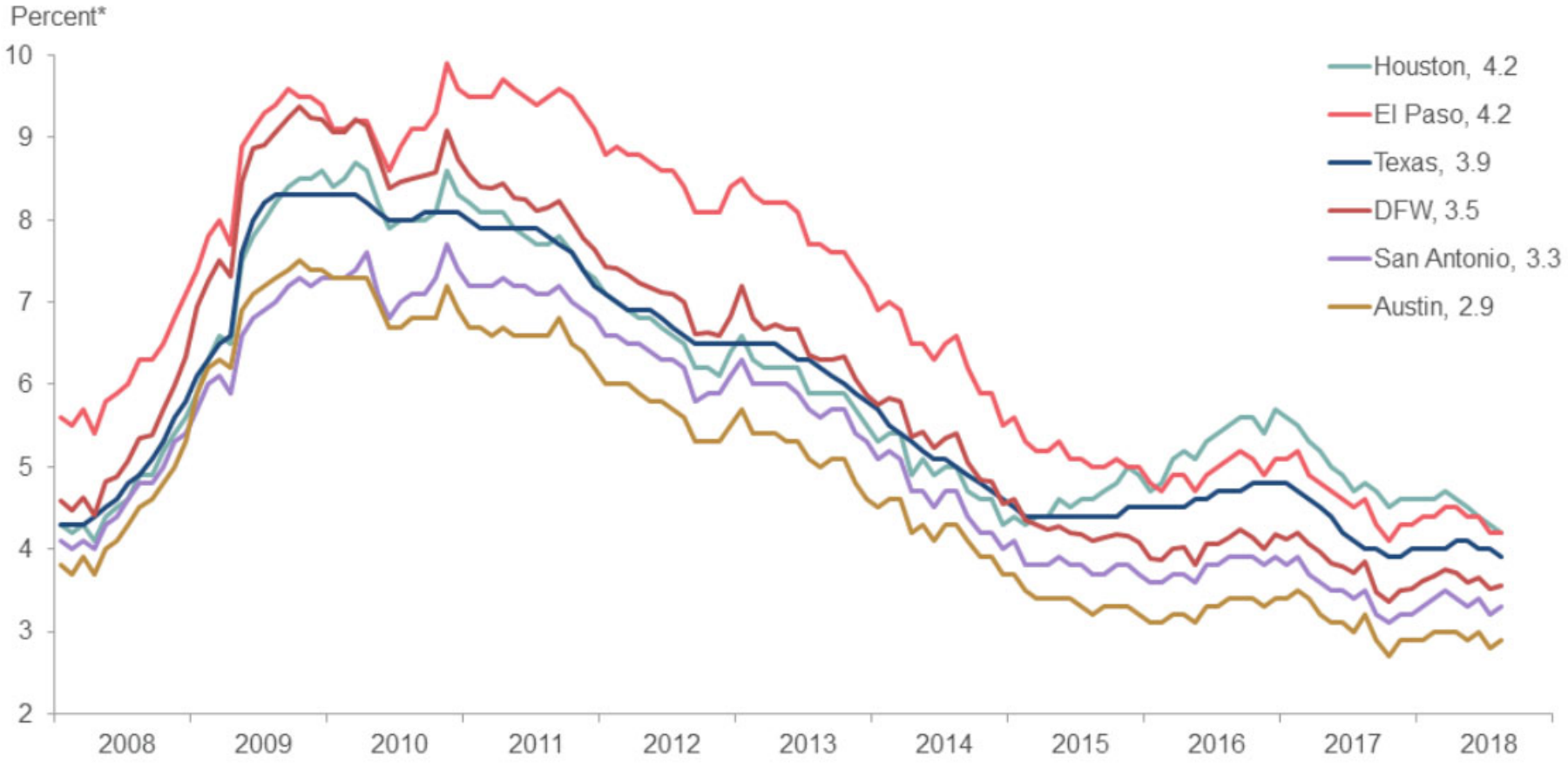


*Seasonally adjusted, annualized rate.

NOTES: Partial third quarter 2018 is June over August percent change. Dashed lines indicate long-run average from January 1990 to December 2017.

SOURCES: Bureau of Labor Statistics; Texas Workforce Commission; seasonal and other adjustments by the Federal Reserve Bank of Dallas.

Texas Unemployment Rates at Record Lows



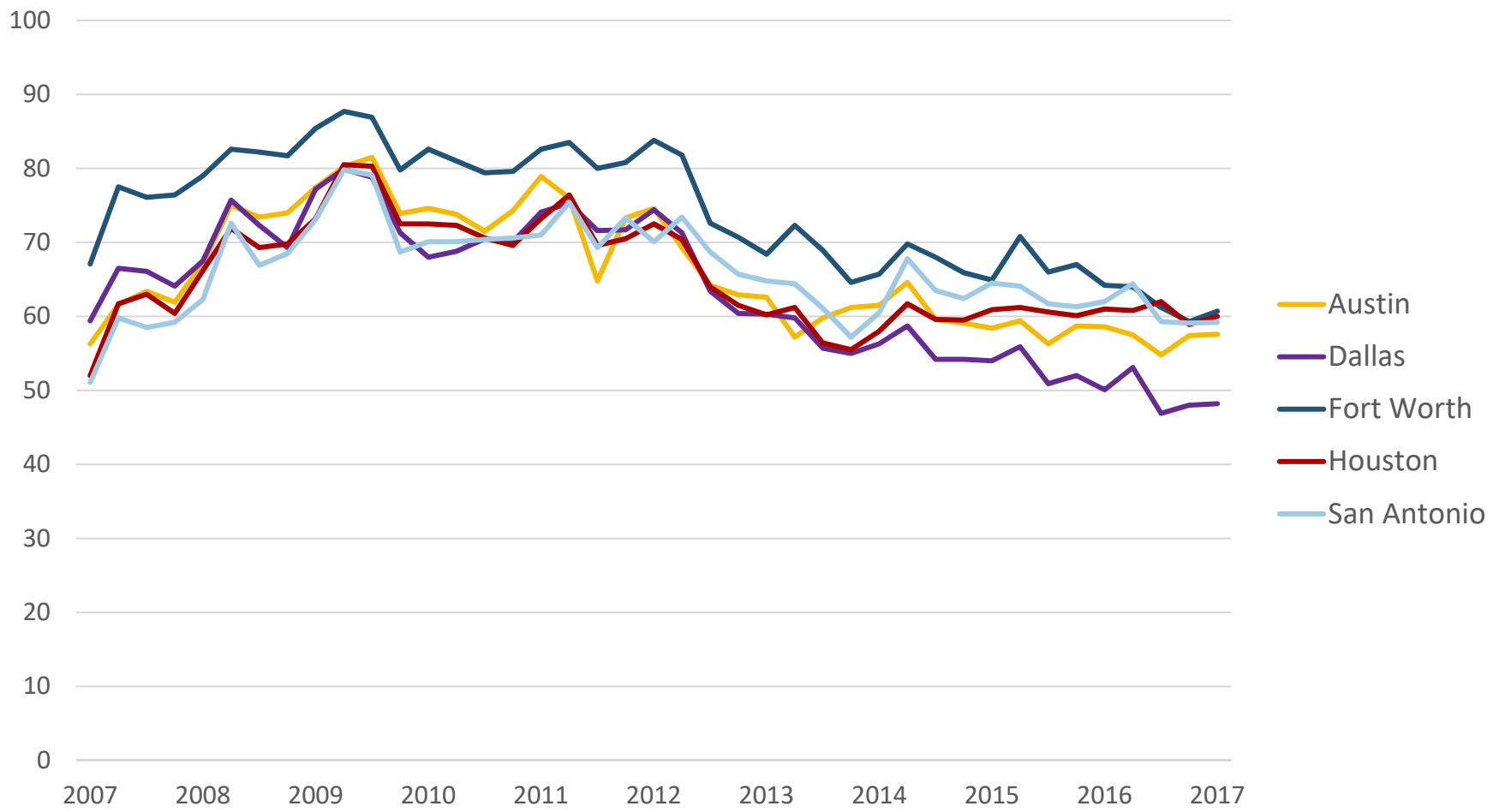
*Seasonally adjusted.
NOTE: Data are through August 2018.
SOURCES: Bureau of Labor Statistics; seasonal and other adjustments by the Federal Reserve Bank of Dallas.

Hourly Wages Surge in 2018 in Houston and DFW

Percent change, year/year

NOTES: Data include only private firms. Data are through first quarter 2018.
SOURCE: Bureau of Labor Statistics Employer Costs for Employee Compensation.

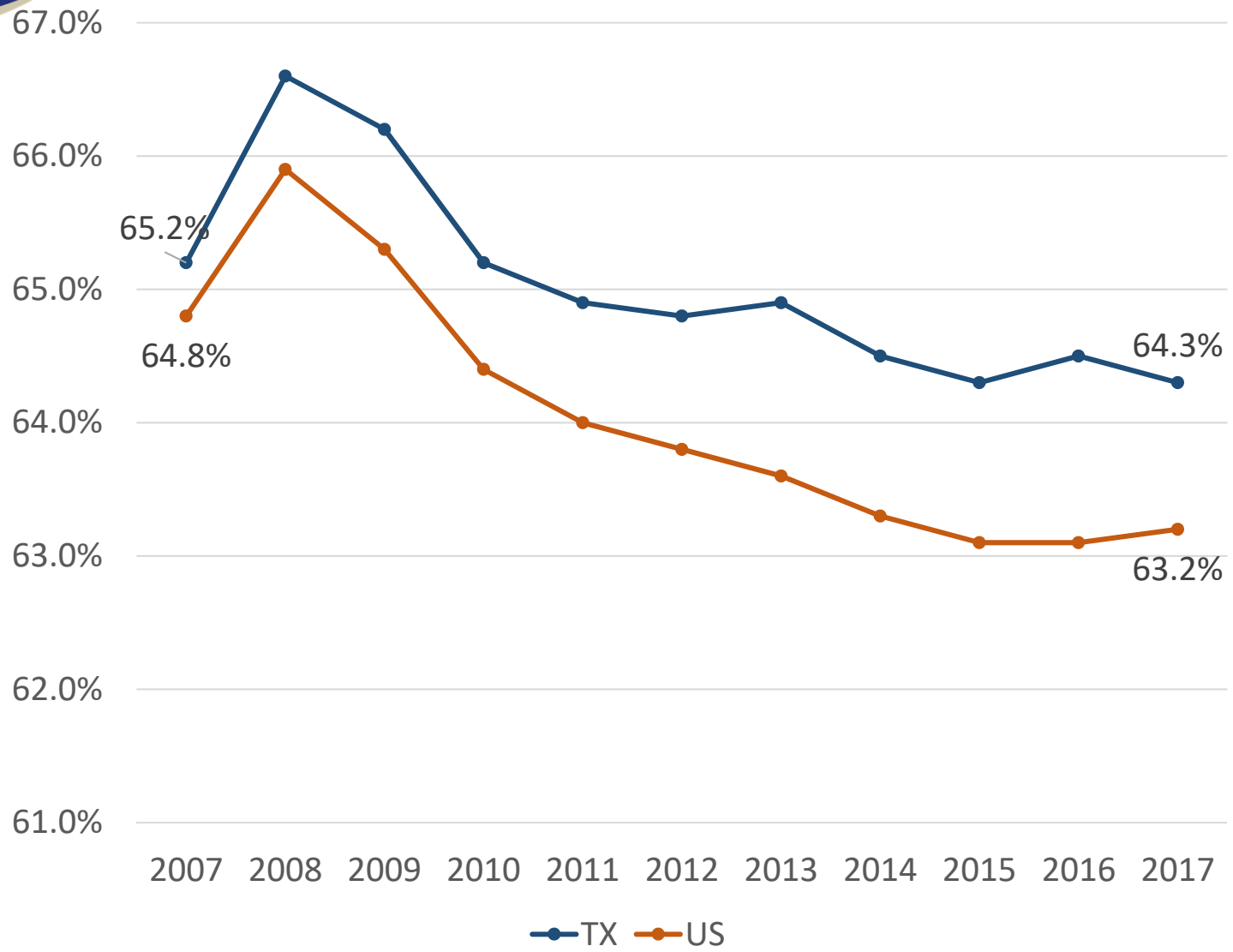
Housing Affordability in Select Texas Metros, 2007-2017



Notes: Data are through fourth quarter 2017. The Housing Opportunity Index represents the share of homes sold in a given area that Would have been affordable to a family earning the local median income.
Source: National Association of Home Builders/Wells Fargo.

The Texas Workforce

Labor Force Participation Rate, Texas and U.S., 2007-2017



Source: U.S. Census Bureau, American Community Survey 1-Year Estimates, 2007-2017

Employment Status by Age, Texas, 2017

	Labor Force Participation Rate	Employment/ Population Ratio	Unemployment Rate
Population 16 years and over	64.3%	60.7%	5.1%
16 to 19 years	34.3%	27.7%	17.7%
20 to 24 years	72.9%	65.2%	8.9%
25 to 29 years	80.6%	75.4%	5.5%
30 to 34 years	81.0%	76.5%	4.7%
35 to 44 years	80.7%	77.2%	3.9%
45 to 54 years	79.8%	76.7%	3.8%
55 to 59 years	71.9%	69.2%	3.7%
60 to 64 years	57.4%	55.6%	3.2%
65 to 74 years	27.6%	26.6%	3.6%
75 years and over	7.2%	6.9%	3.3%

Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Employment Status by Race/Ethnicity, Texas, 2017

	Labor Force Participation Rate	Employment/ Population Ratio	Unemployment Rate
Population 16 years and over	64.3%	60.7%	5.1%
NH White	62.6%	59.4%	4.3%
Hispanic	65.9%	62.2%	5.3%
Black	65.1%	59.3%	8.2%
Asian	66.4%	63.4%	4.0%

Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Employment Status by Educational Attainment, Texas, 2017

	Labor Force Participation Rate	Employment/ Population Ratio	Unemployment Rate
Population 25 to 64 years	77.1%	73.6%	4.2%
Less than high school graduate	65.2%	61.5%	5.6%
High School graduate (includes equivalency)	71.8%	68.1%	5.0%
Some college or associate's degree	79.1%	75.1%	4.5%
Bachelor's degree or higher	85.5%	82.7%	2.7%

Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Median Earnings for Full-Time, Year-Round Employees by Sex, Texas, 2017

Total Median Earnings	$44,803
Male Median Earnings	$49,414
Female Median Earnings	$40,236
Pay Gap	$0.81 to the dollar
NH White Women	$0.76 to the dollar
Hispanic Women	$0.47 to the dollar
Black Women	$0.62 to the dollar
Asian Women	$0.81 to the dollar

*pay gap derived using NH White male pay as reference group.

Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Labor Force Participation by Select Characteristics, Texas and U.S., 2000 to 2017

Percent of Married Families with Both Partners in Labor Force	49.8%
Percent of Children under 6 years with Both Parents in Labor Force	59.7%
Percent Employed with a Computer at home plus internet	92.2%
Percent Unemployed with a Computer at home plus internet	85.8%

Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Class of Worker, Texas, 2017

	Estimate	Percent of Civilian Labor Force	Percent of F-T, Y-R Civilian Labor Force
Civilian Employed Population 16 years and older	13,201,891	100%	
Federal Government	275,051	2.1%	
State Government	594,313	4.5%	
Local Government	818,656	6.2%	
Full-time, Year-round Civilian Employed Population 16 years and older	9,692,983	73.4%	100%
Federal Government	248,072	1.9%	2.6%
State Government	471,398	3.6%	4.9%
Local Government	652,507	4.9%	6.7%

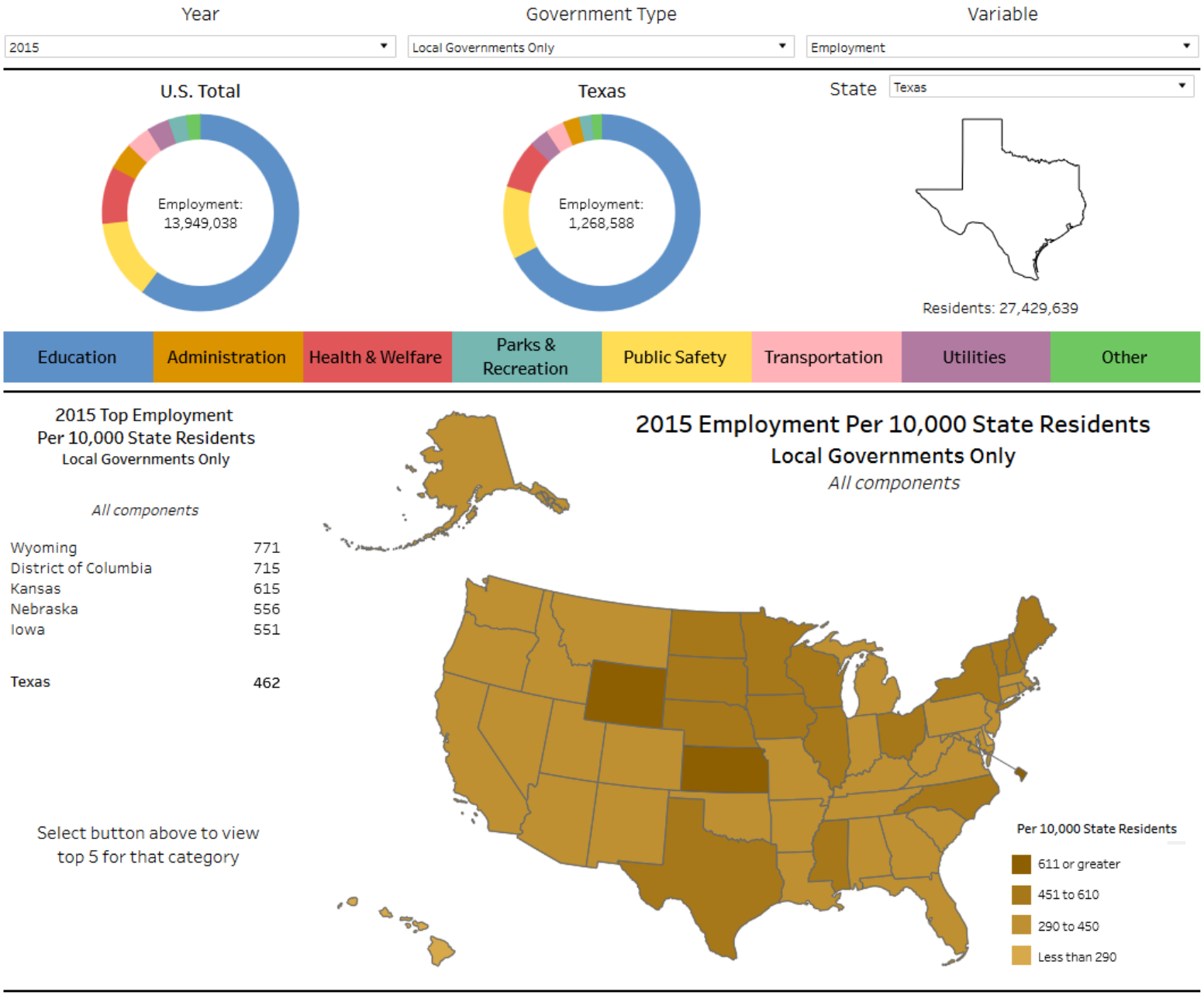
Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Class of Worker by Sex, Texas, 2017

	Estimate	Percent Male	Percent Female
Full-time, year-round civilian employed population 16 years and over	9,692,983	58.1	41.9
Private for-profit wage and salary workers:	7,290,126	61.2	38.8
Employee of private company workers	7,007,500	60.7	39.3
Self-employed in own incorporated business workers	282,626	73.3	26.7
Private not-for-profit wage and salary workers	508,516	37.5	62.5
Local government workers	652,507	43.8	56.2
State government workers	471,398	37.7	62.3
Federal government workers	248,072	62.4	37.6
Self-employed in own not incorporated business workers and unpaid family workers	522,364	69.9	30.1

Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

2015 Local Governments Only Employment

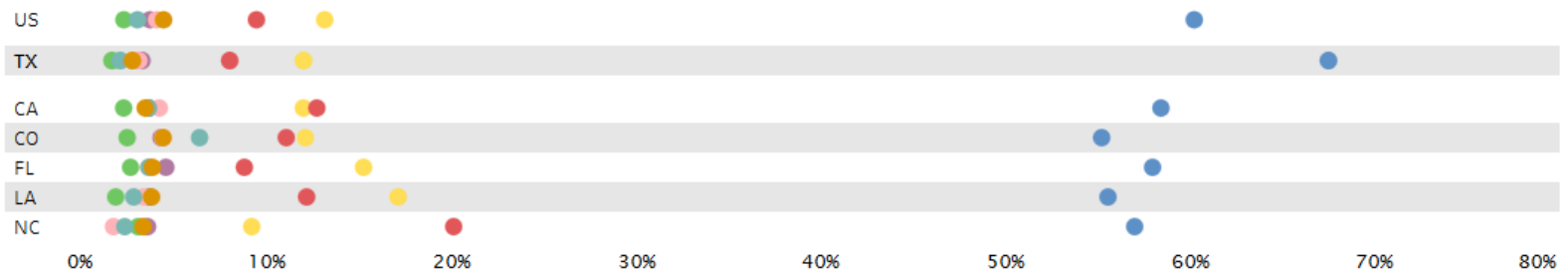


Source: U.S. Census Bureau, State & Local Government Snapshot, https://www.census.gov/library/visualizations/interactive/state-local-snapshot.html

2015 Percentage of Total Employment
Local Governments Only

Select Comparison State(s) For Graph Below

(Multiple values)



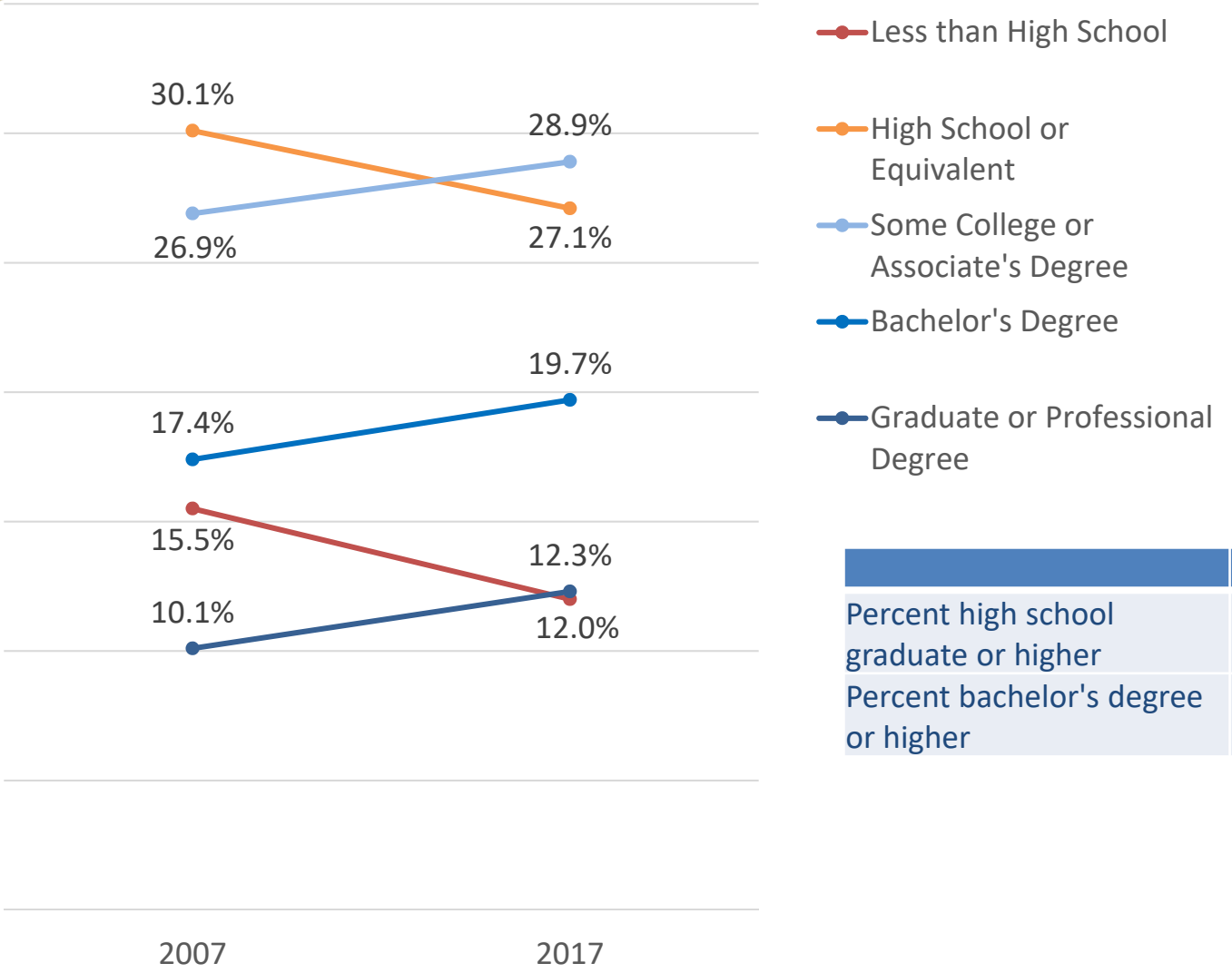
2015 Employment
Local Governments Only
Texas - All components

Air Transportation	5,108
All other and unallocable	20,210
Corrections	29,398
Education - Elementary and Secondary Instructional	526,843
Education - Elementary and Secondary Other	250,450
Education - Higher Education Instructional	33,163
Education - Higher Education Other	38,067
Education - Other	0
Electric Power	8,286
Financial Administration	17,880
Fire Protection - Firefighters	26,321
Fire Protection - Other	2,114
Gas Supply	610
Health	29,270
Highways	20,065
Hospitals	60,826
Housing and Community Development	6,438
Judicial and Legal	23,783
Libraries	7,522
Natural Resources	4,467

This visualization uses published data from the Surveys of State & Local Government Finances, Public Employment & Payroll, and the Annual Estimates of the Resident Population for the United States, Regions, States, and Puerto Rico. All data, even for census years, are subject to nonsampling error. Statistics from sample surveys are subject to sampling error (CVs) . No CVs have been calculated for "Percent of Total" estimates. Published data are used to provide state and local per capita estimates which, along with their rank ordering, have not been tested for statistical significance. The ranking is just an ordering of data by descending order. The websites listed below provide the source data, sampling errors, nonsampling errors, methodology and definitions for the individual public sector surveys and population estimates used.

Education in Texas

Percent Distribution of Educational Attainment of Persons Aged 25 Years and Older, Texas, 2007 and 2017

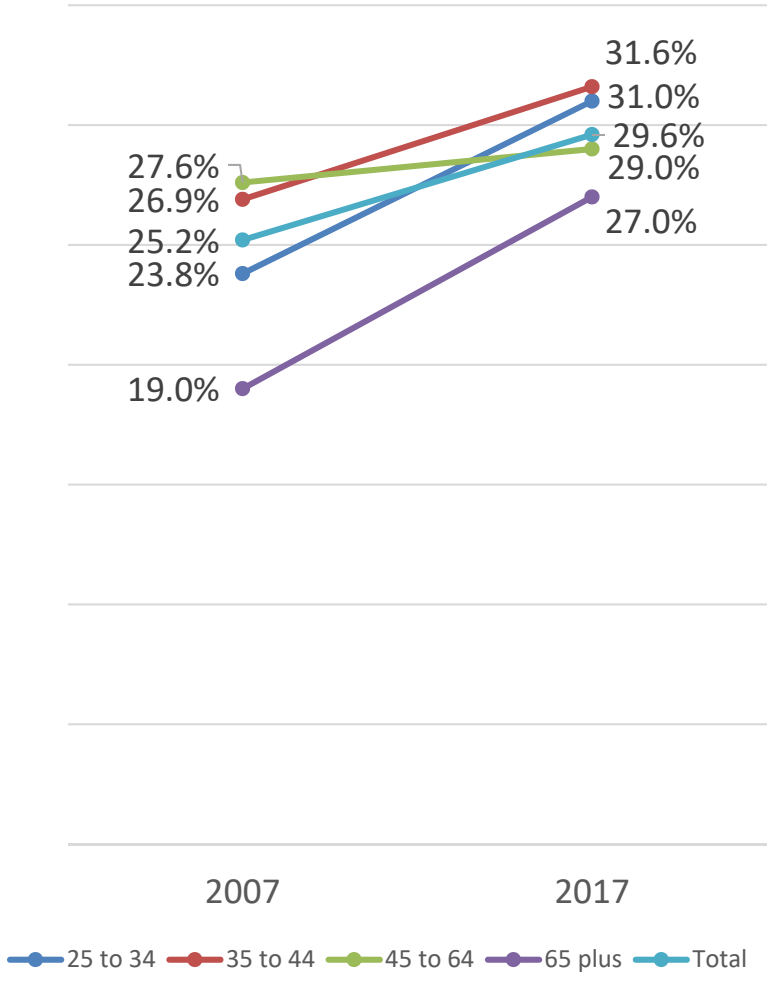


	2007	2017	
Percent high school graduate or higher	79.1%	83.6%	*
Percent bachelor's degree or higher	25.2%	29.6%	*

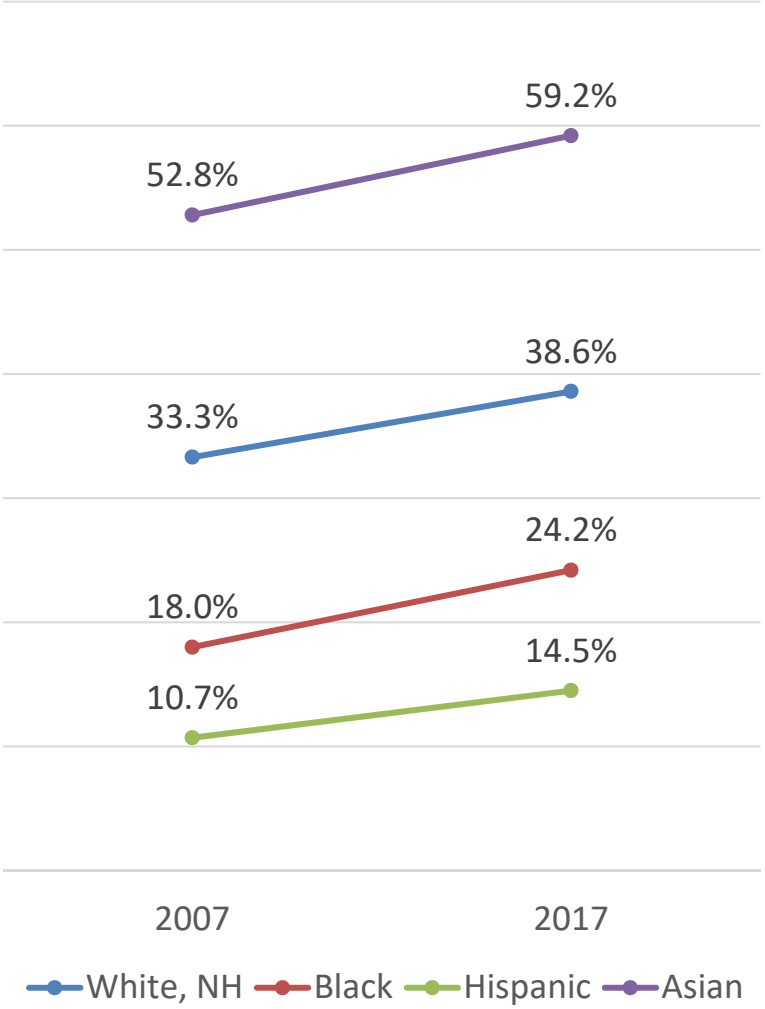
Source: U.S. Census Bureau, American Community Survey, 1-Year Samples, 2007-2017. * Years significantly different *p<.05*

Educational Attainment, Texas, 2007 and 2017

Percent BA by Age Group

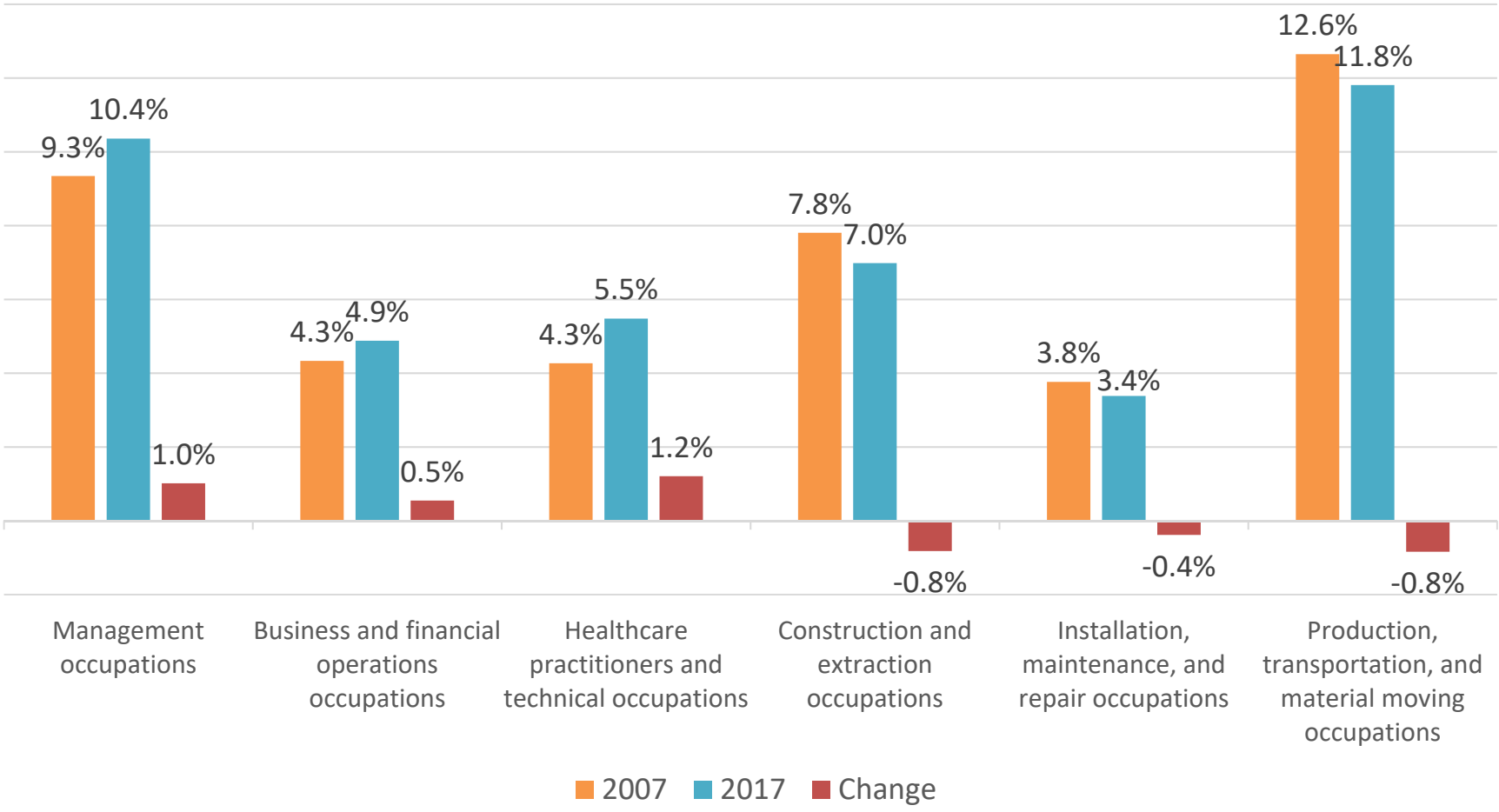


Percent BA by Race/Ethnicity



Source: U.S. Census Bureau, ACS 1-Year Estimates, 2007, 2017

Percent of Civilian Labor Force by Occupation, Texas, 2007, 2017 and 2017-2017 Change



Source: U.S. Census Bureau, American Community Survey, 1-Year Sample, 2007, 2017

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