Demographic Characteristics, Trends, and Projections for Texas and the Rio Grande Valley

UTRGV Legislative Internship Program

February 22, 2019

@TexasDemography

TEXAS DEMOGRAPHIC CENTER

Produce, interpret, and disseminate demographic information to facilitate data driven decision making for the benefit of Texans.

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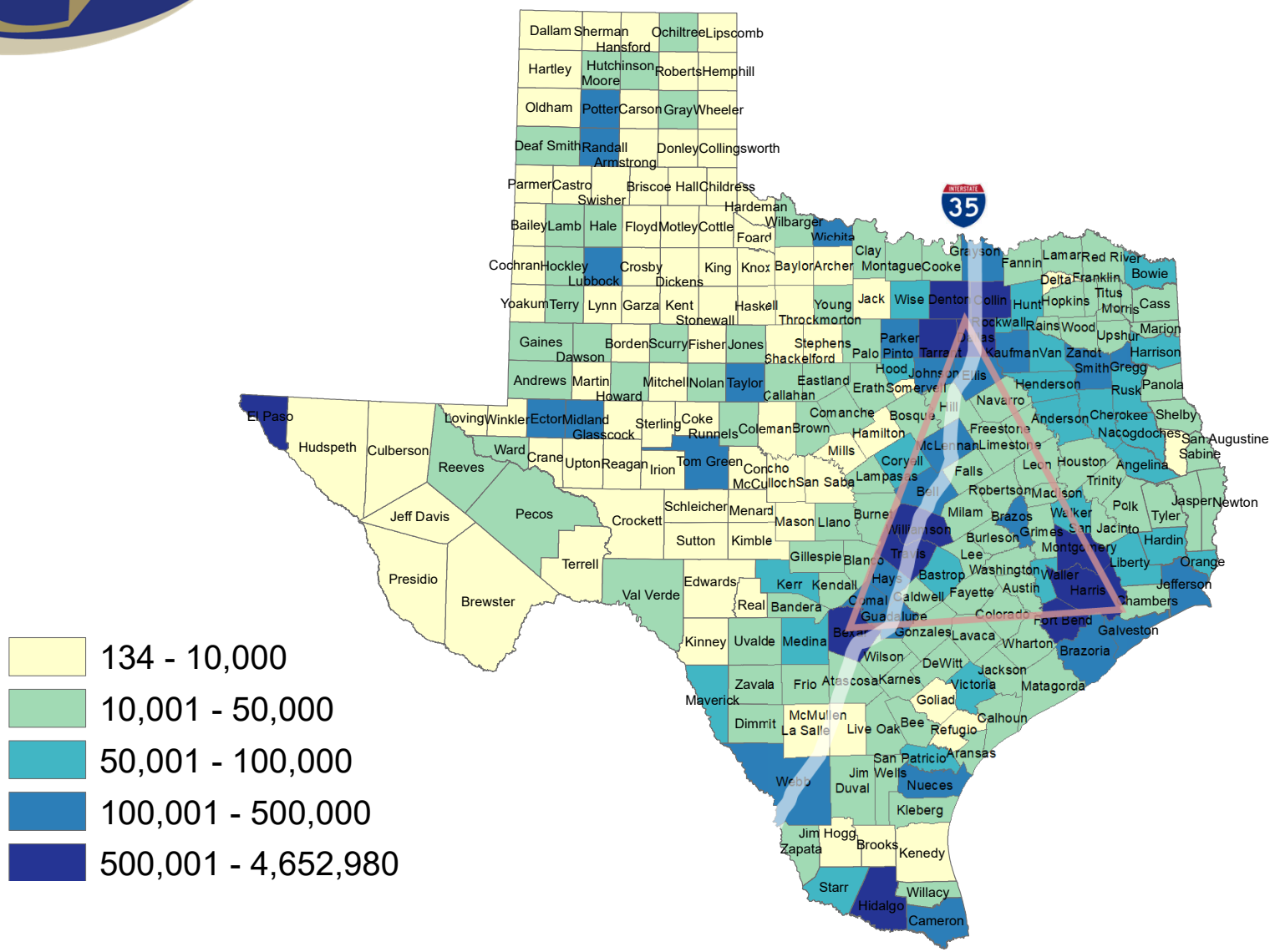
Brazos
Brewster
Briscoe
Brooks
Brown
Burleson

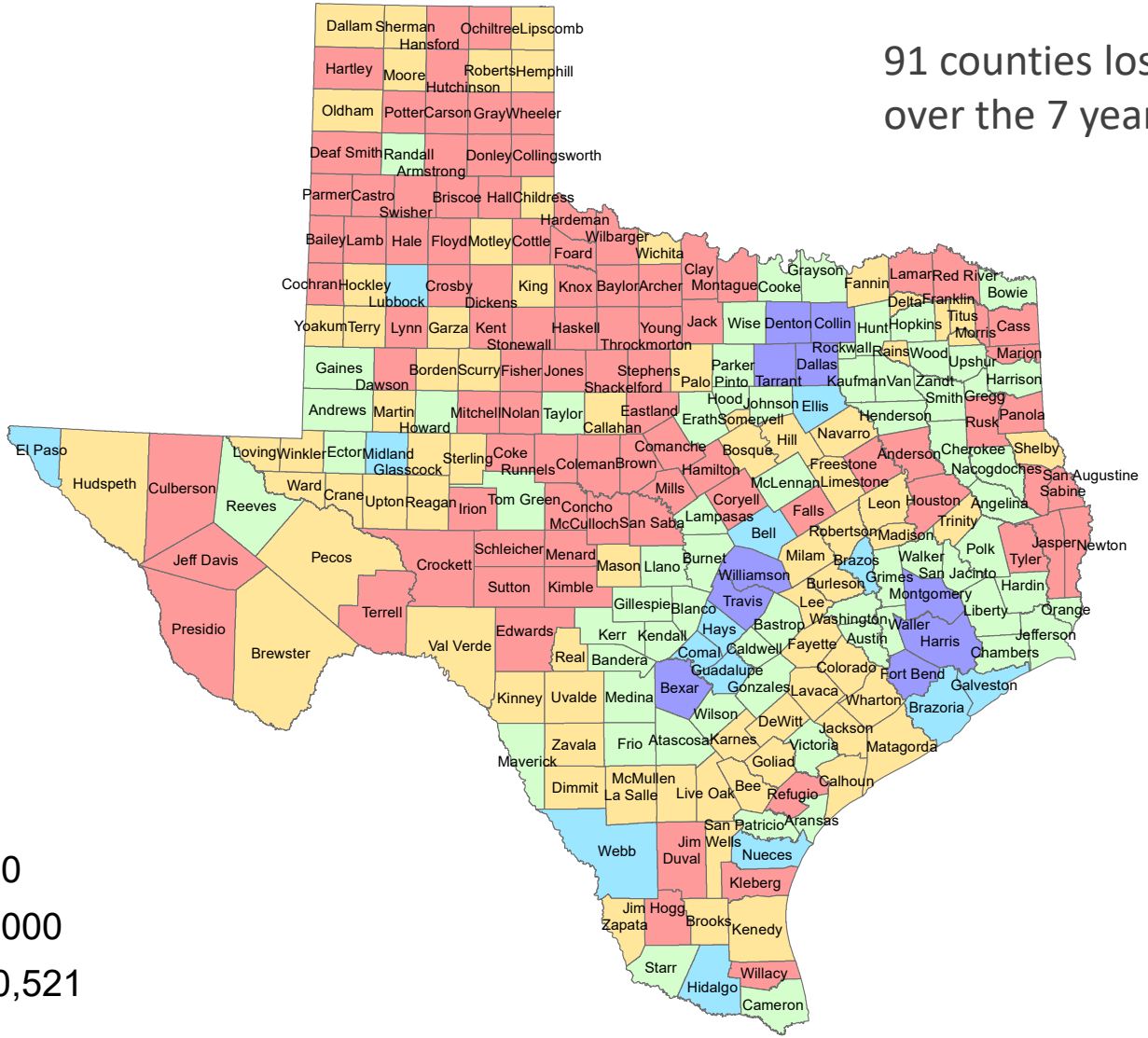
Total Estimated Population by County, Texas, 2017



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

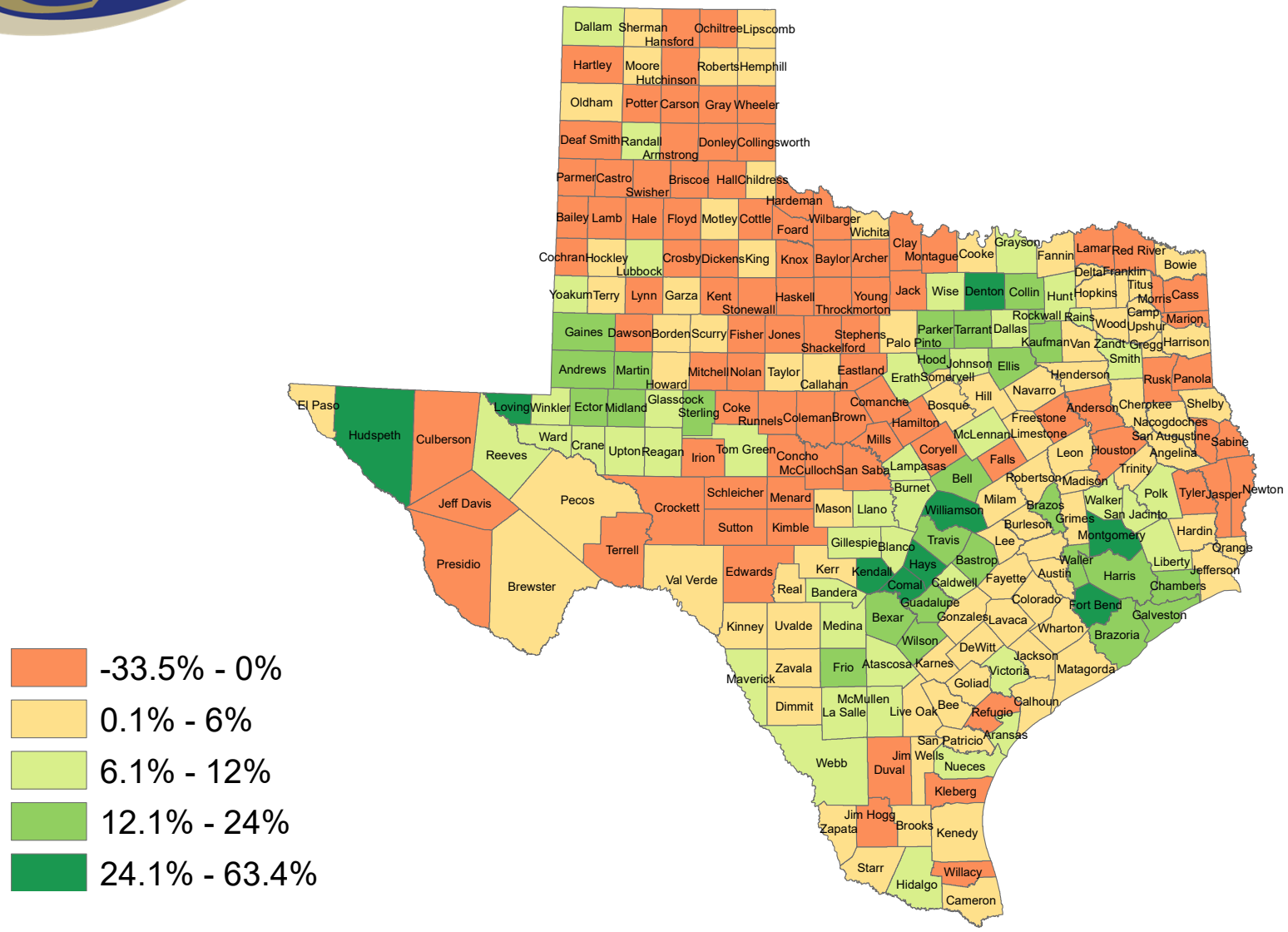
1,001 - 20,000

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

Largest U.S. Cities, 2017

Rank	Place	Census 2010	2011	2012	2013	2014	2015	2016	2017
1	New York, NY	8,175,133	8,292,688	8,383,504	8,458,642	8,521,135	8,582,459	8,615,426	8,622,698
2	Los Angeles, CA	3,792,621	3,824,592	3,859,267	3,891,783	3,922,668	3,953,459	3,981,116	3,999,759
3	Chicago, IL	2,695,598	2,706,670	2,717,989	2,724,482	2,726,533	2,725,154	2,720,275	2,716,450
4	**Houston, TX**	**2,099,451**	**2,125,450**	**2,159,824**	**2,198,244**	**2,238,795**	**2,282,235**	**2,304,482**	**2,312,717**
5	Phoenix, AZ	1,445,632	1,467,519	1,495,880	1,521,182	1,547,729	1,575,039	1,602,042	1,626,078
6	Philadelphia, PA	1,526,006	1,539,649	1,551,944	1,558,109	1,564,042	1,570,507	1,574,765	1,580,863
7	**San Antonio, TX**	**1,327,407**	**1,357,900**	**1,383,505**	**1,408,910**	**1,435,554**	**1,464,147**	**1,487,738**	**1,511,946**
8	San Diego, CA	1,307,402	1,320,638	1,338,975	1,358,207	1,379,123	1,391,040	1,406,682	1,419,516
9	**Dallas, TX**	**1,197,816**	**1,218,631**	**1,242,035**	**1,258,932**	**1,278,504**	**1,299,793**	**1,322,140**	**1,341,075**
10	San Jose, CA	945,942	971,352	985,722	1,003,735	1,016,708	1,027,560	1,031,942	1,035,317
11	**Austin, TX**	**790,390**	**828,700**	**854,350**	**874,910**	**900,621**	**919,974**	**938,200**	**950,715**

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

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

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

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

Top Counties for Numeric Growth in Texas, 2016-2017

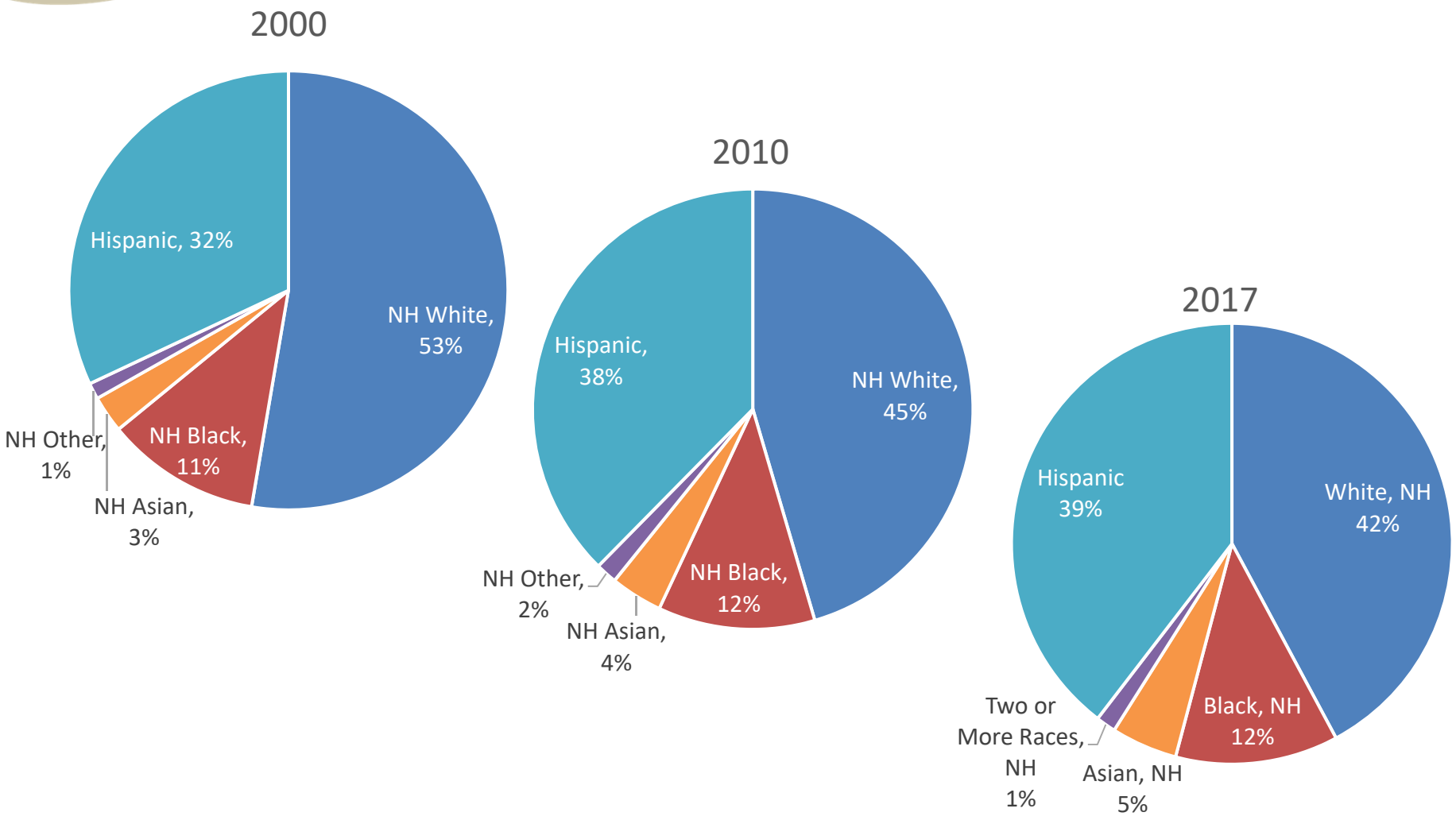
County	U.S. Rank Population Change	Population Change	Percent of Change from Natural Increase	Percent Change from Domestic Migration	Percent Change from International Migration
Harris*	4	35,939	128.8%	-126.0%	97.2%
Tarrant	5	32,729	47.9%	29.0%	23.1%
Bexar	7	30,831	47.8%	33.4%	18.8%
Dallas	8	30,686	78.0%	-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).

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

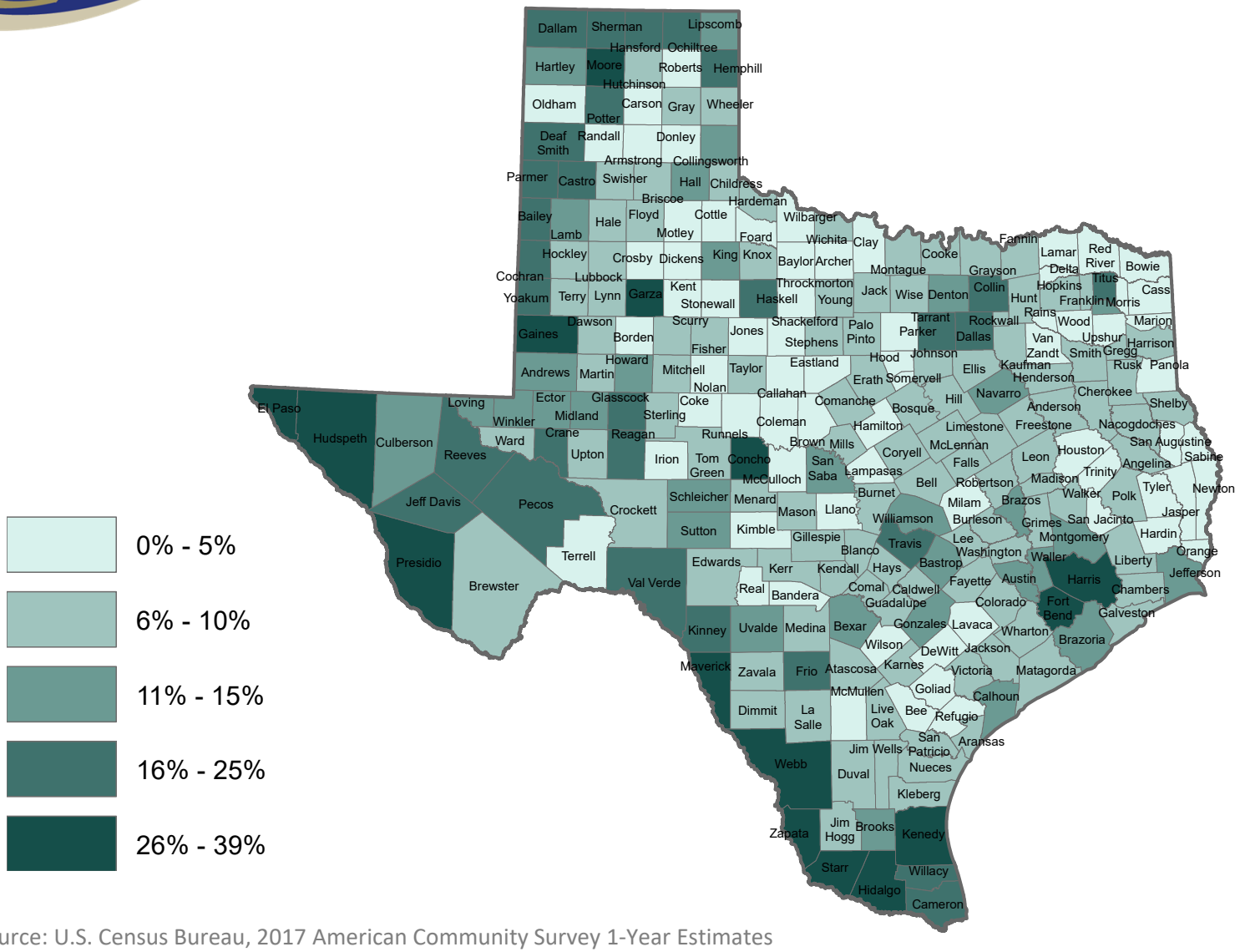
Racial/Ethnic, Age, and Gender Diversity in Texas

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



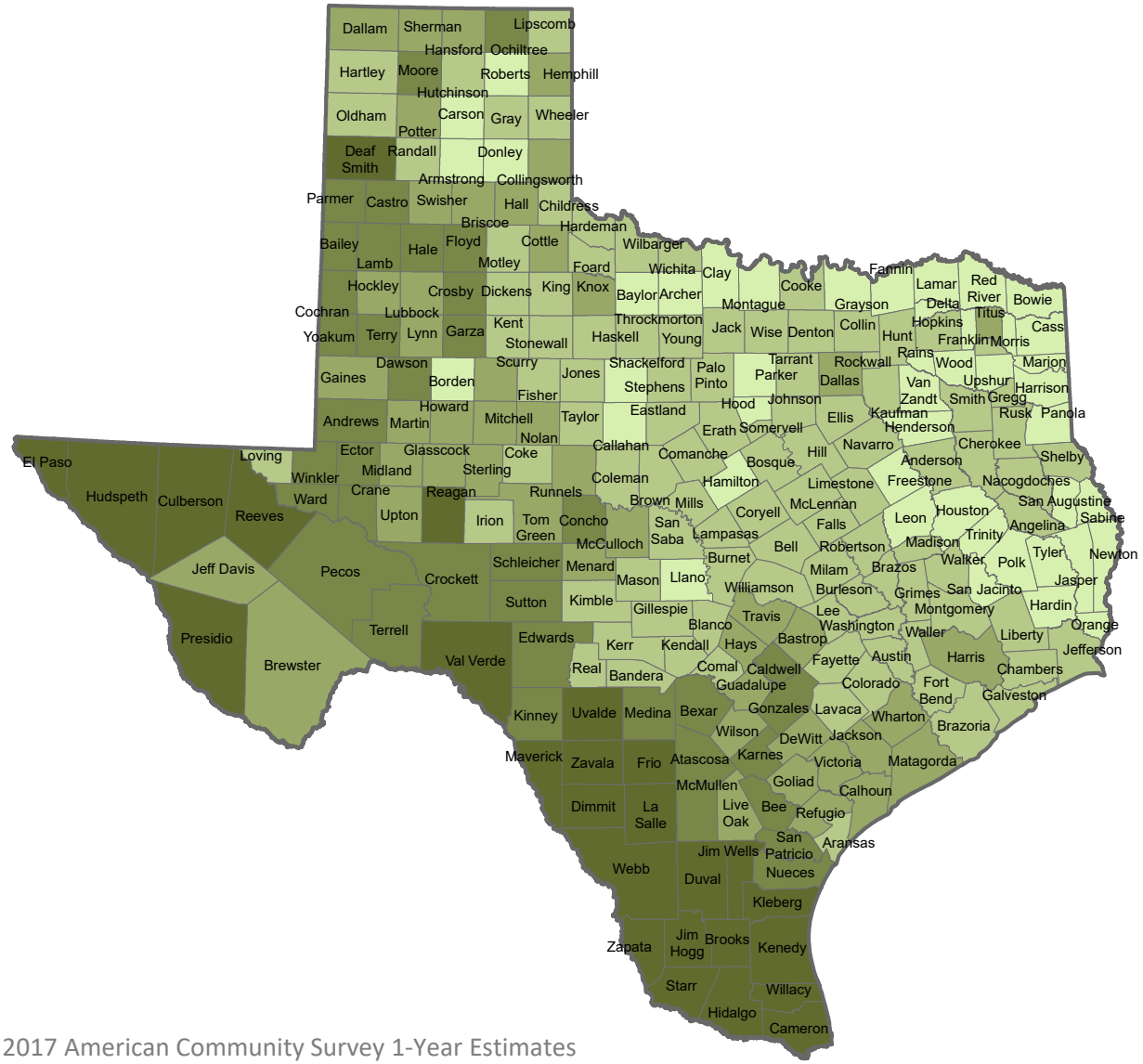
Source: U.S. Census Bureau. 2000, 2010 Decennial Census and 2017 Population Estimates

Percent Foreign Born, Texas Counties, 2017



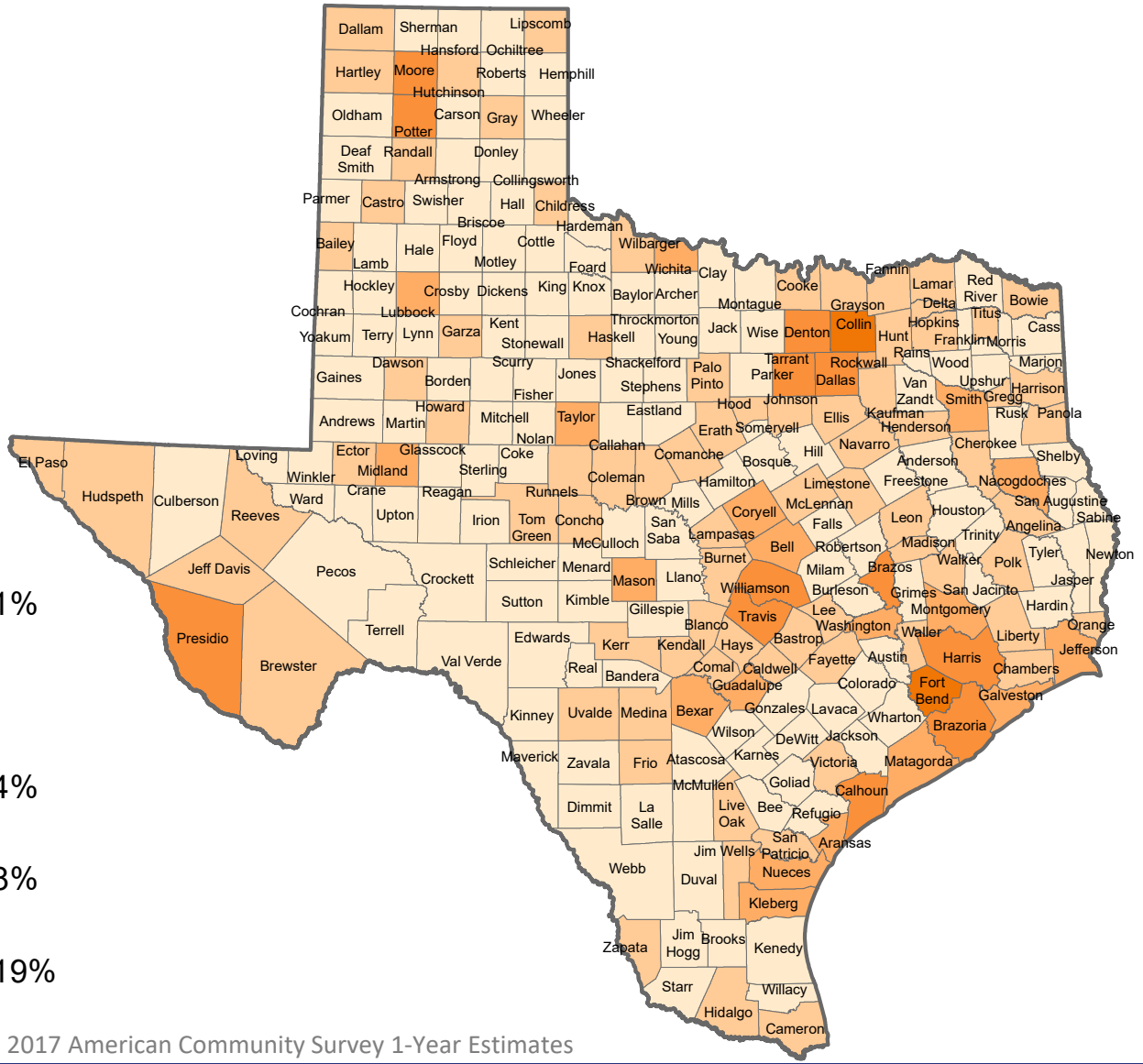
Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Percent Hispanic Population, Texas Counties, 2017



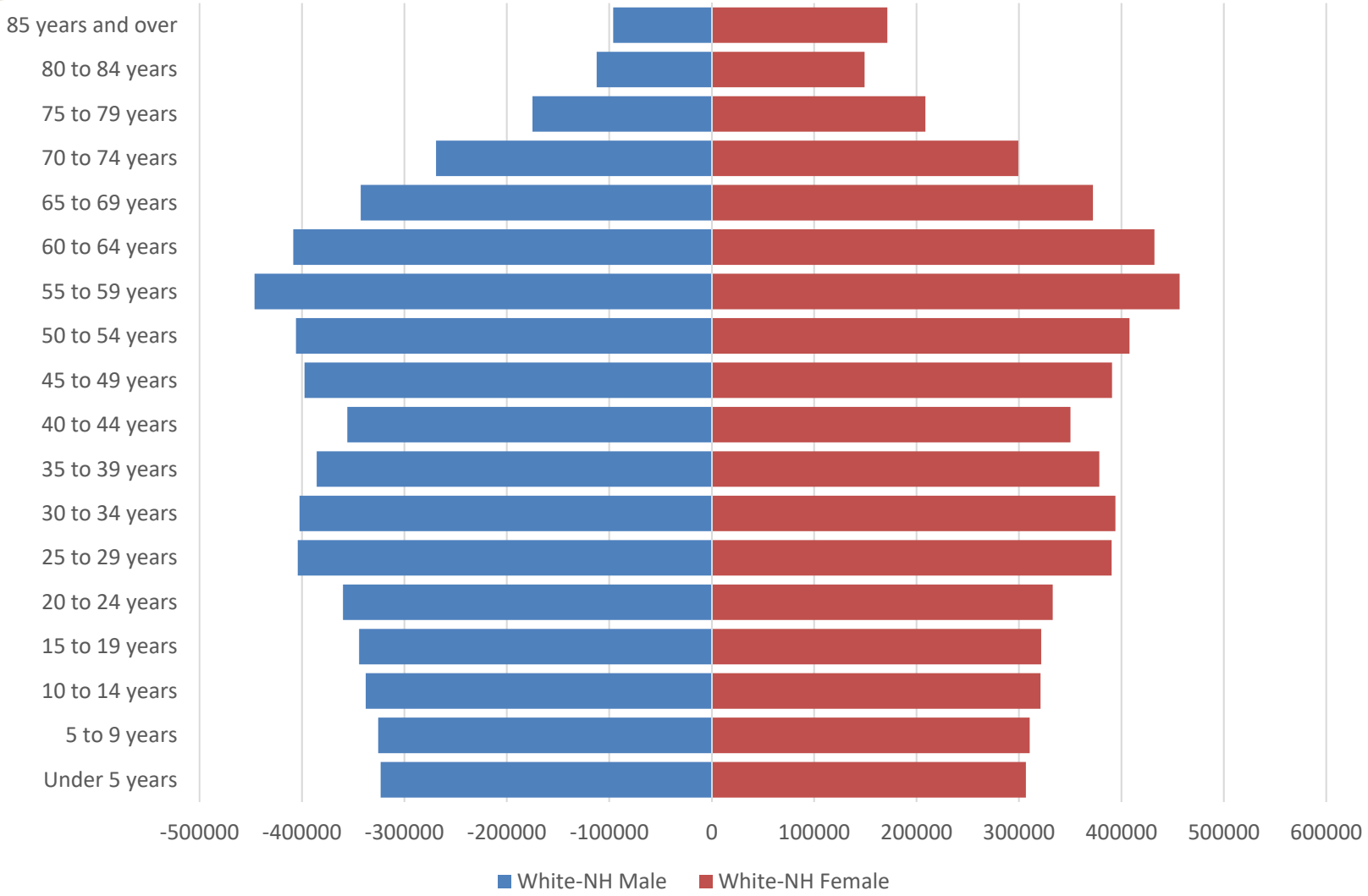
Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Percent Asian Population, Texas Counties, 2017



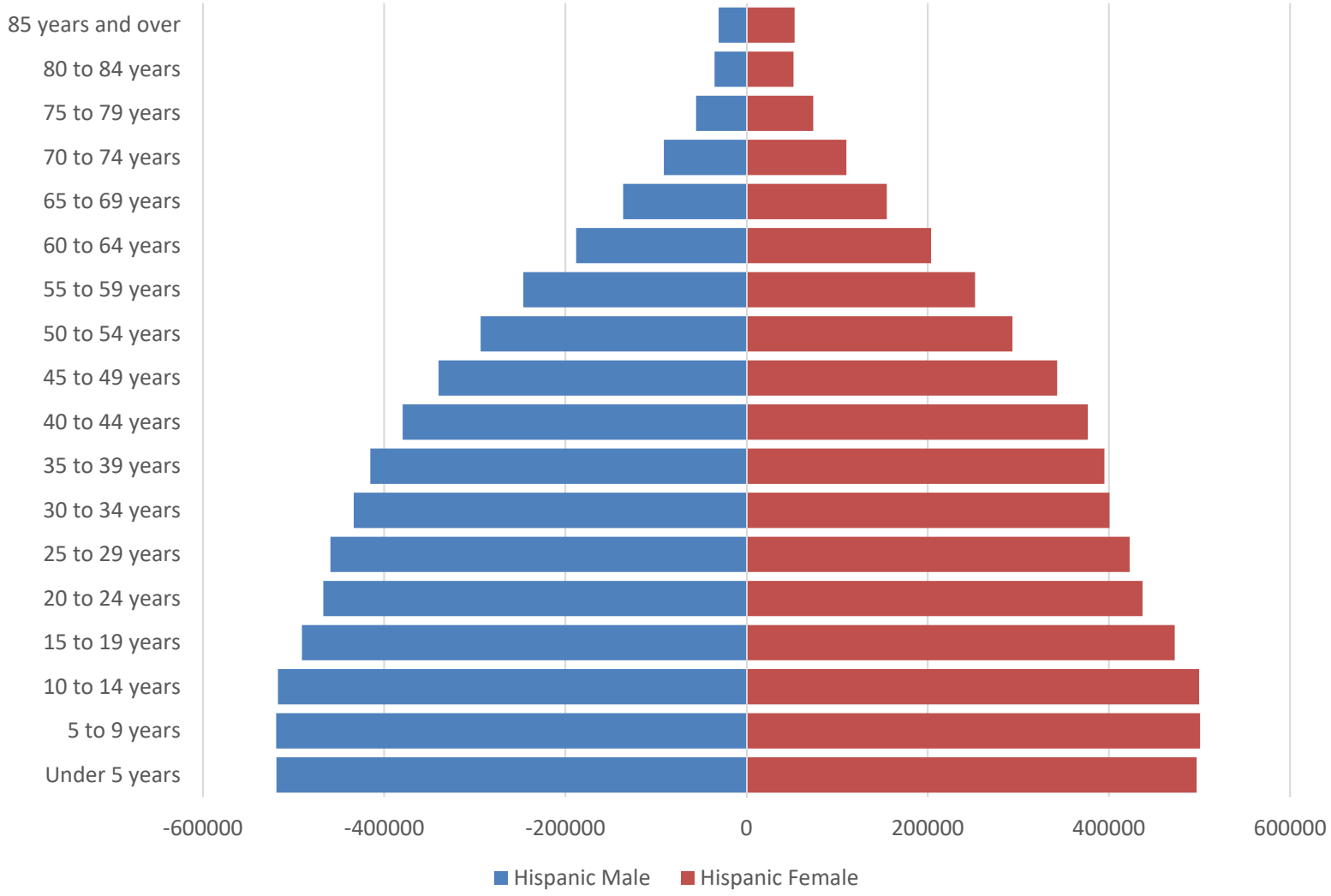
Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Population Pyramid for White Non-Hispanics in Texas, 2017



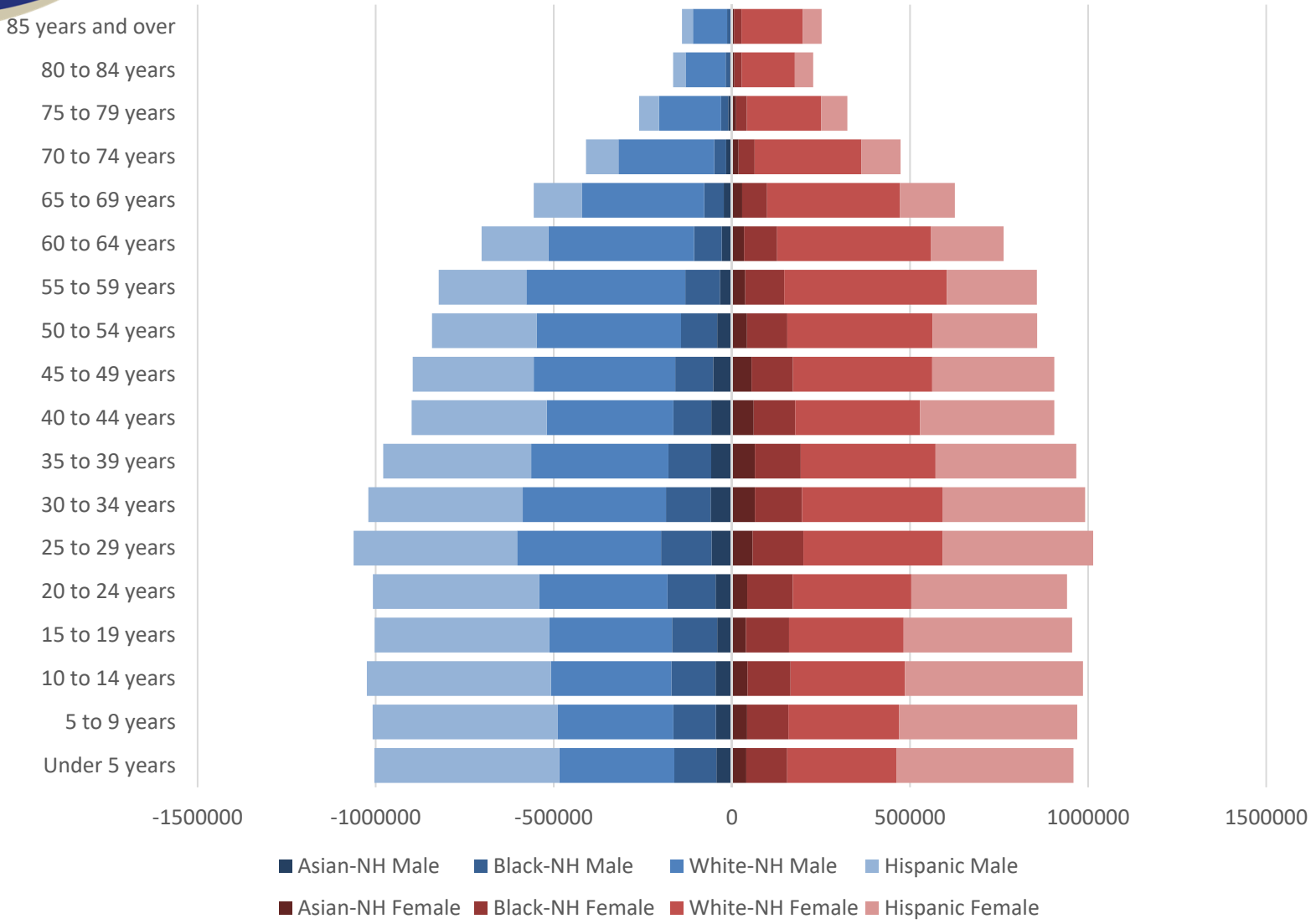
Source: U.S. Census Bureau, 2017 Population Estimates

Population Pyramid for Hispanics in Texas, 2017



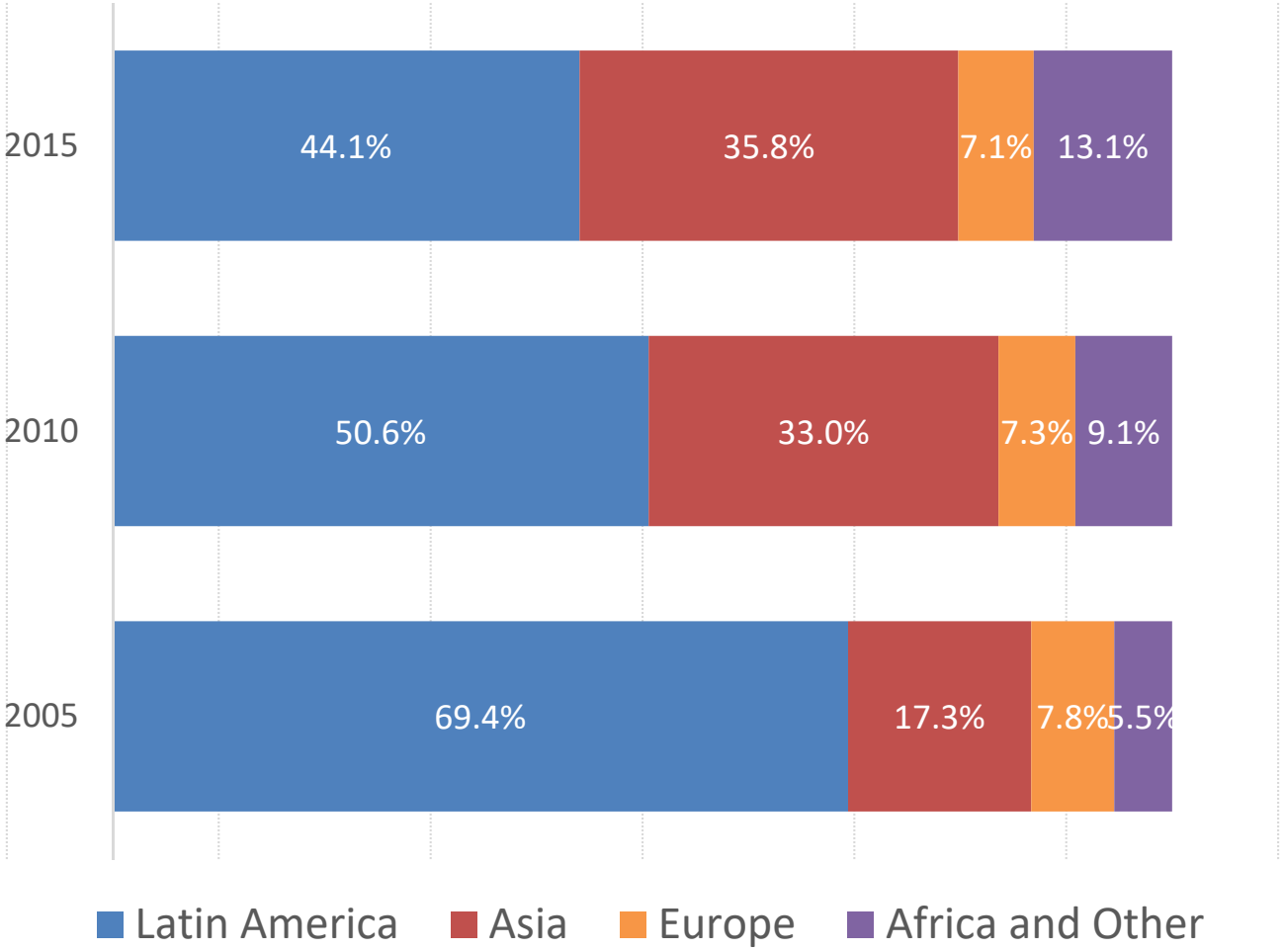
Source: U.S. Census Bureau, 2017 Population Estimates

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



Estimated number of international migrants to Texas

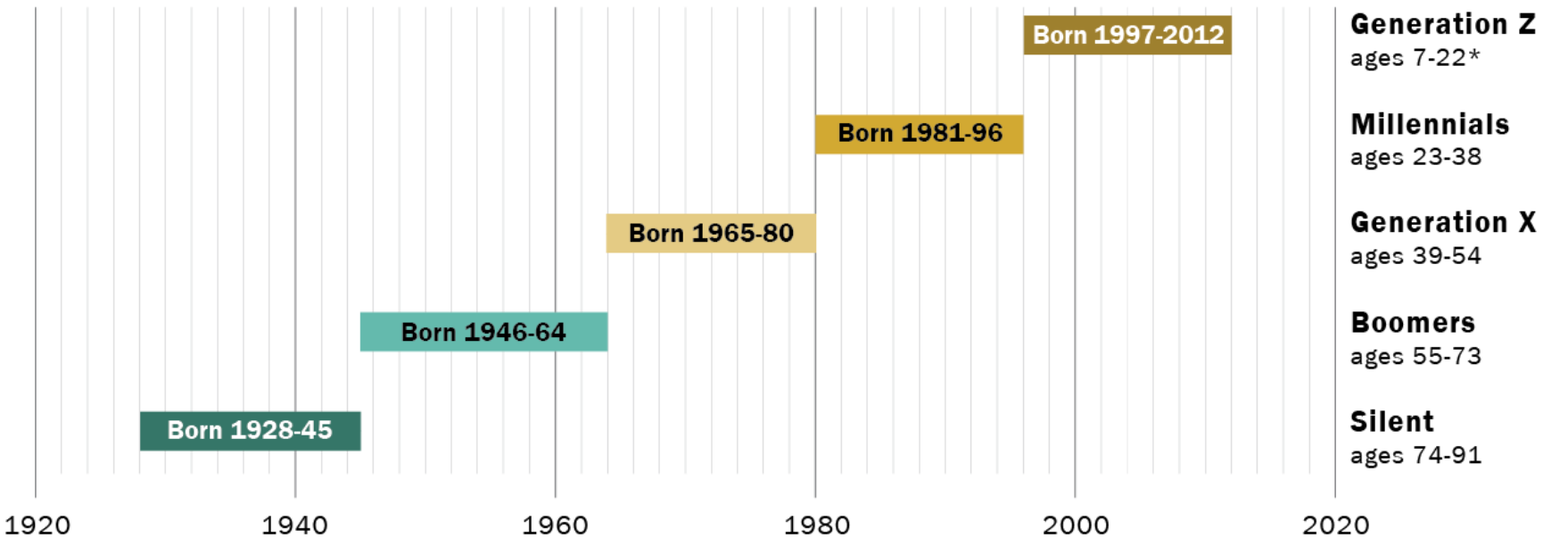
101,588

77,702

98,194

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

The generations defined



*No chronological endpoint has been set for this group. For this analysis, Generation Z is defined as those ages 7 to 22 in 2019.

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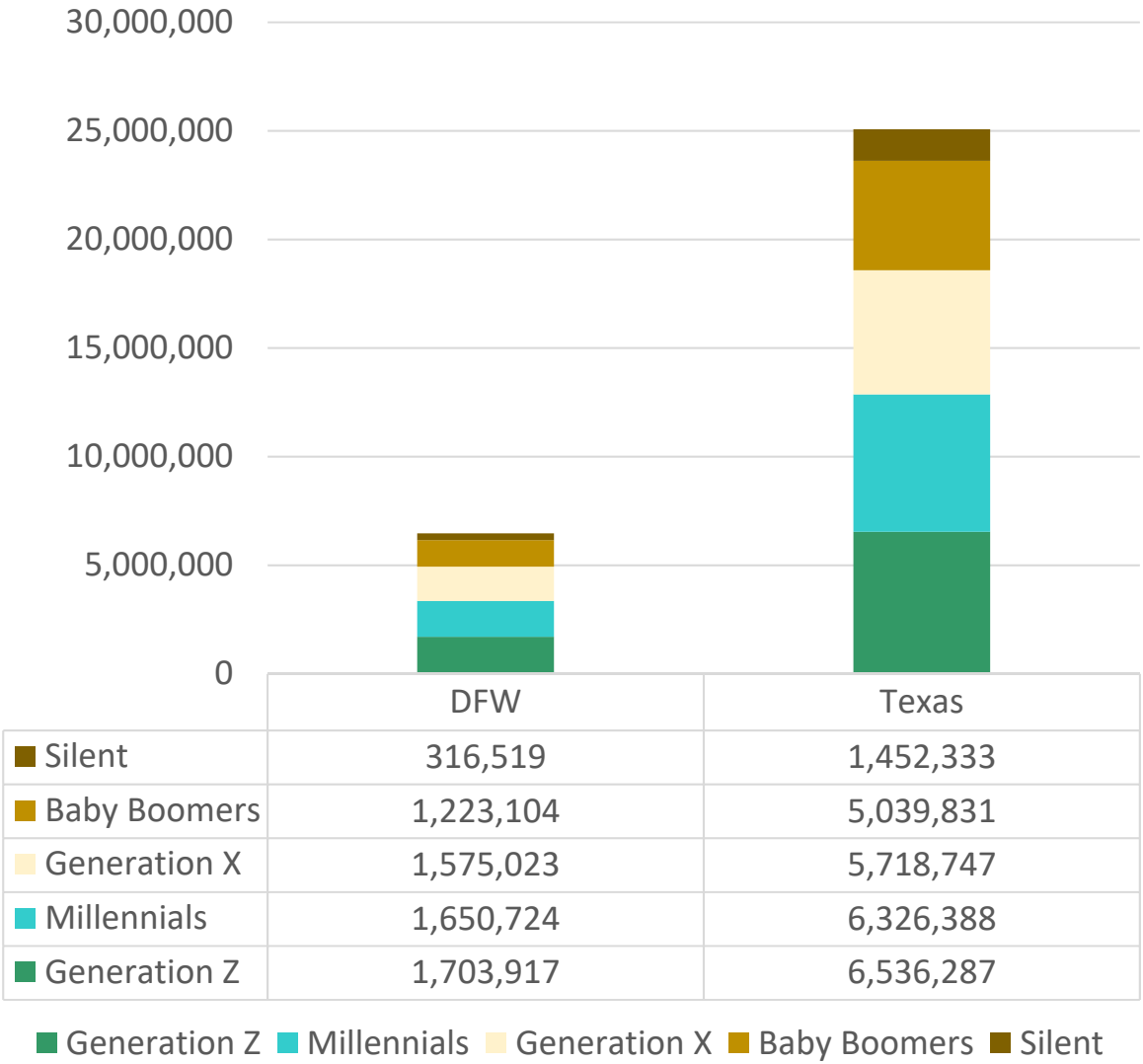
Population by Generation, DFW, Texas, 2016

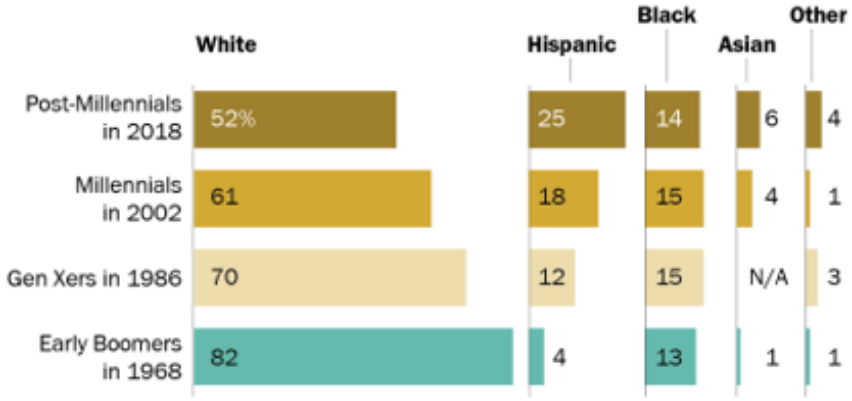


	DFW	Texas
Silent	316,519	1,452,333
Baby Boomers	1,223,104	5,039,831
Generation X	1,575,023	5,718,747
Millennials	1,650,724	6,326,388
Generation Z	1,703,917	6,536,287

Source: Texas Demographic Center, 2016 Population Estimates

One-in-four post-Millennials are Hispanic

% of 6- to 21-year-olds who are ...



Note: Racial groups include only single-race non-Hispanics. Hispanics are of any race. Asians include Pacific Islanders. The CPS did not separately identify Asians until 1988. Hispanic origin was not collected until 1971. The racial and ethnic composition of Boomers in 1968 was imputed on the basis of 8- to 23-year-olds in the 1970 census.
Source: Pew Research Center analysis of 1986, 2002 and 2018 Current Population Survey Annual Social and Economic Supplements and 1970 decennial census (IPUMS).
"Early Benchmarks Show Post-Millennials on Track to Be Most Diverse, Best-Educated Generation Yet"

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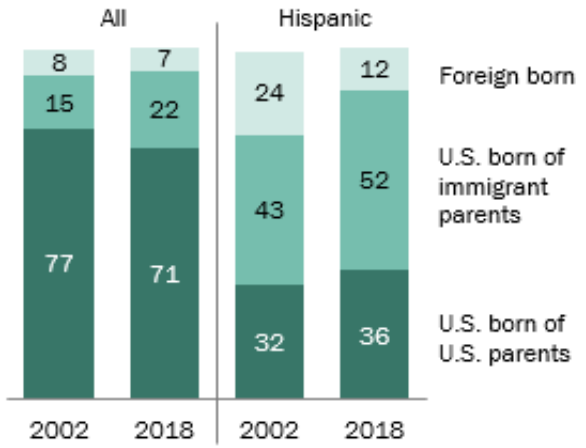
Post-Millennials, especially Hispanics, are less likely than Millennials to be foreign born

% of 6- to 21-year-olds, by nativity



Note: Hispanics are of any race.
Source: Pew Research Center analysis of 2002 and 2018 Current Population Survey Annual Social and Economic Supplement (IPUMS).
"Early Benchmarks Show Post-Millennials on Track to Be Most Diverse, Best-Educated Generation Yet"

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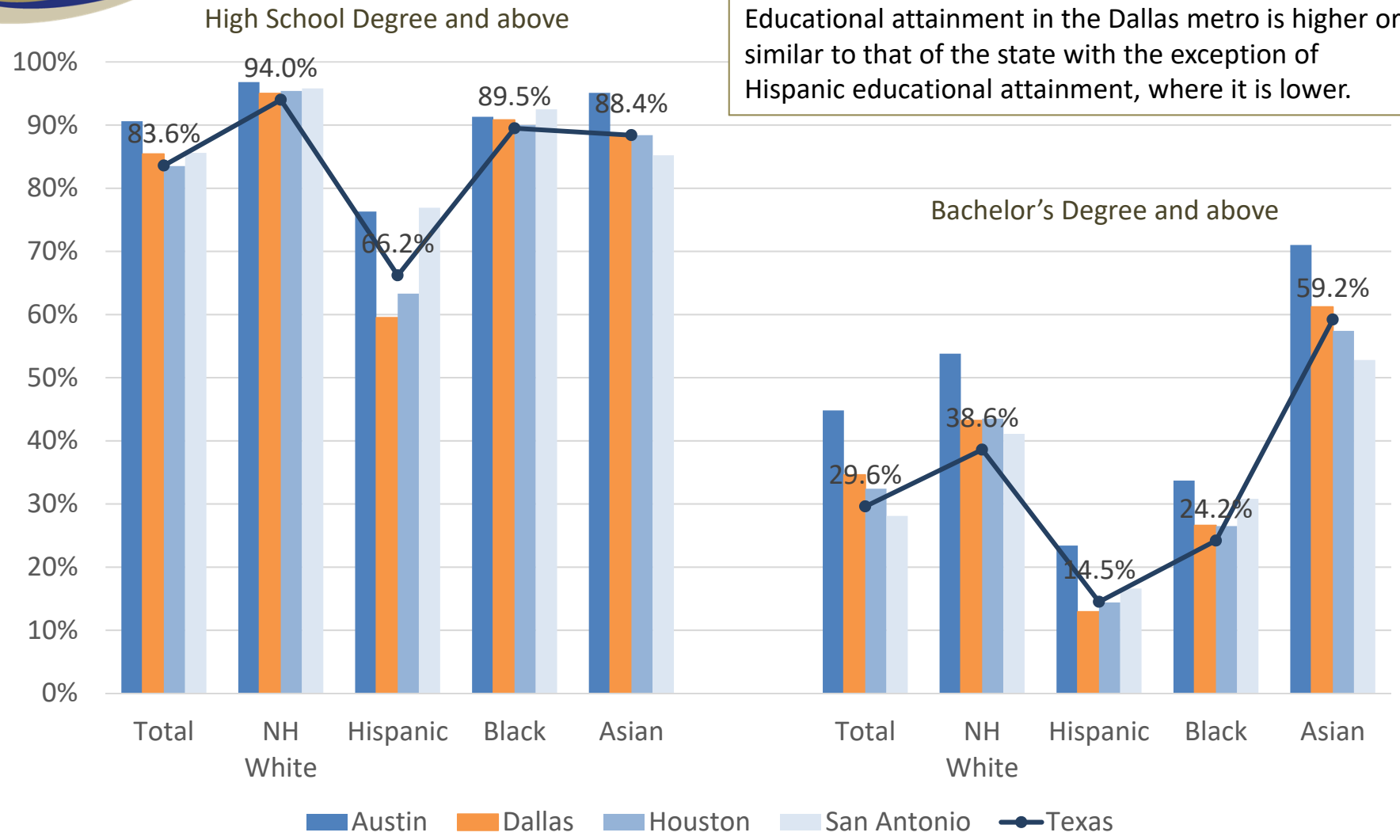
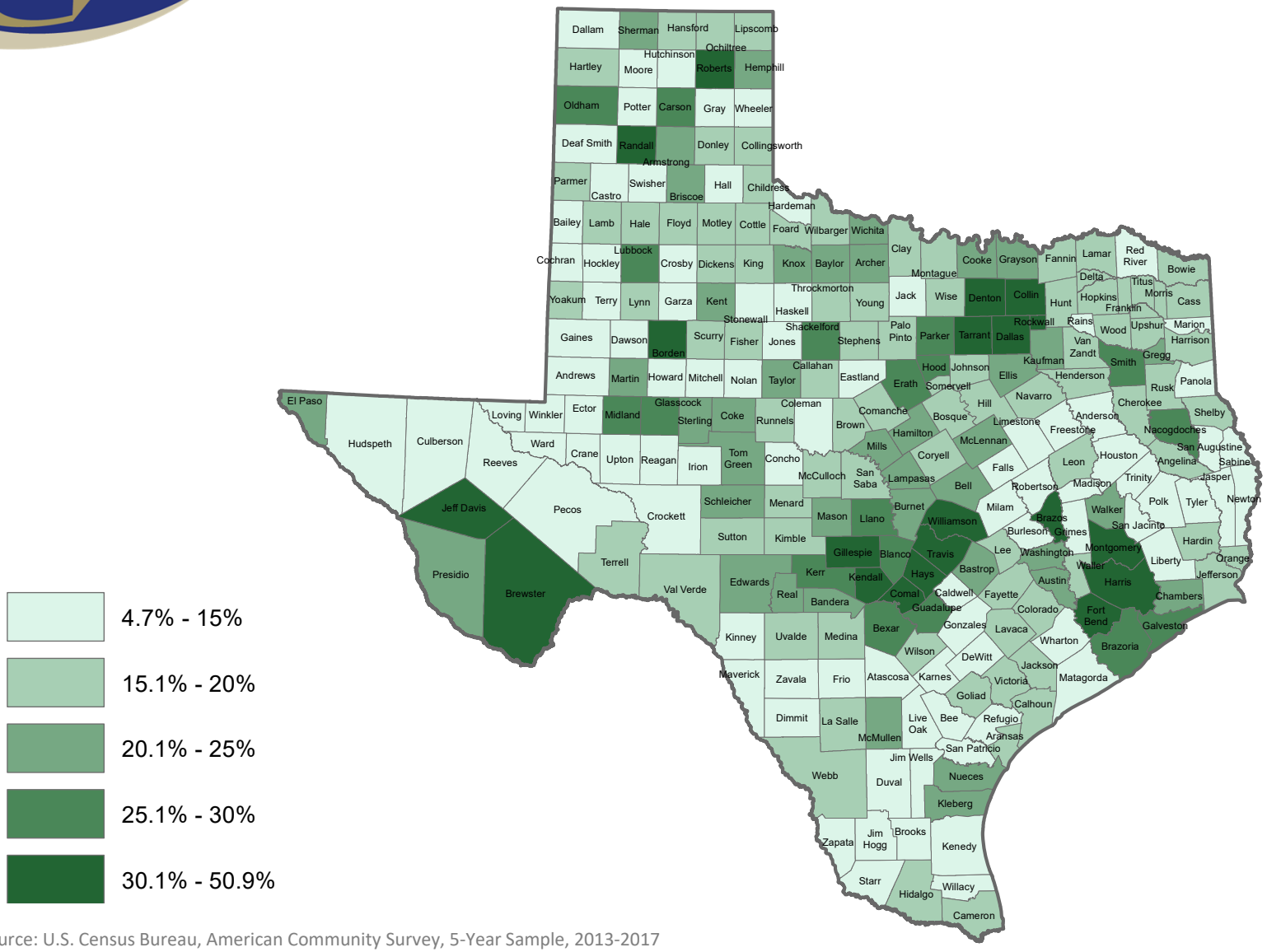
Educational Attainment by Race/Ethnicity, Texas and Big Four Metro Areas, 2017

Educational attainment in the Dallas metro is higher or similar to that of the state with the exception of Hispanic educational attainment, where it is lower.



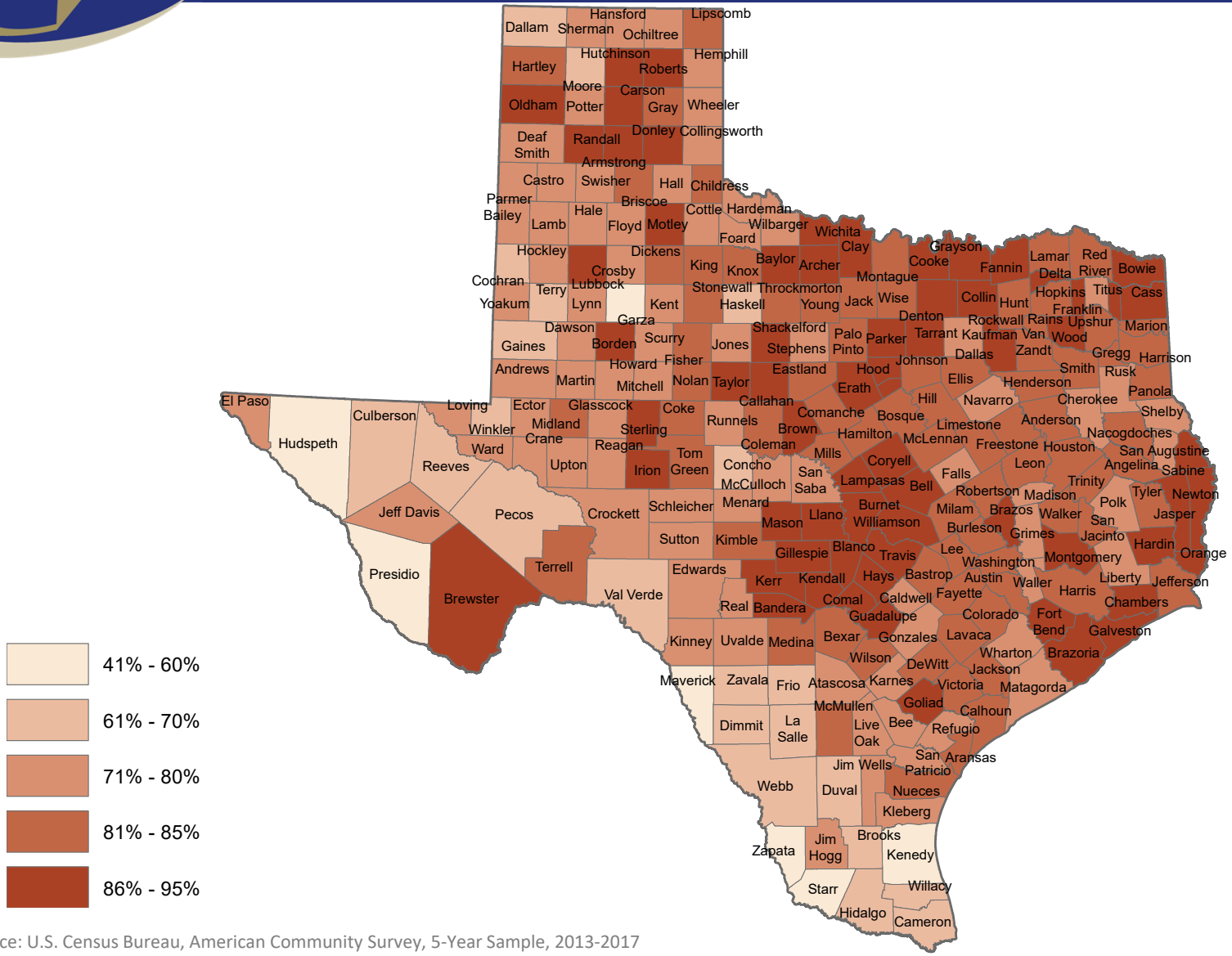
Source: U.S. Census Bureau, 2017 American Community Survey 1-Year Estimates

Percent Population 25 years plus with a Bachelor's Degree and Above, Texas Counties, 2017



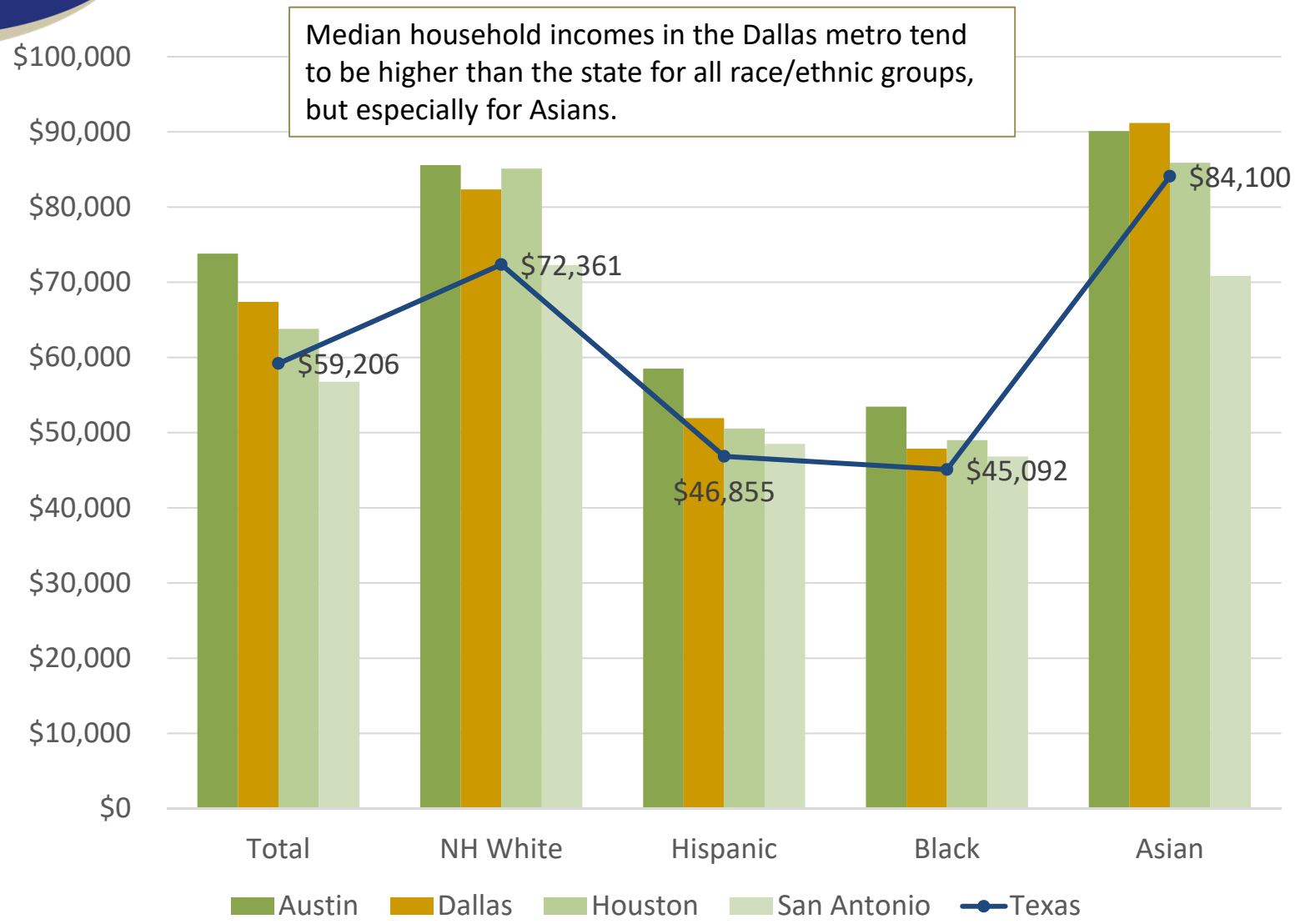
Source: U.S. Census Bureau, American Community Survey, 5-Year Sample, 2013-2017

Percent Population 25 Years Plus with HS Degree and Above, Texas Counties, 2017



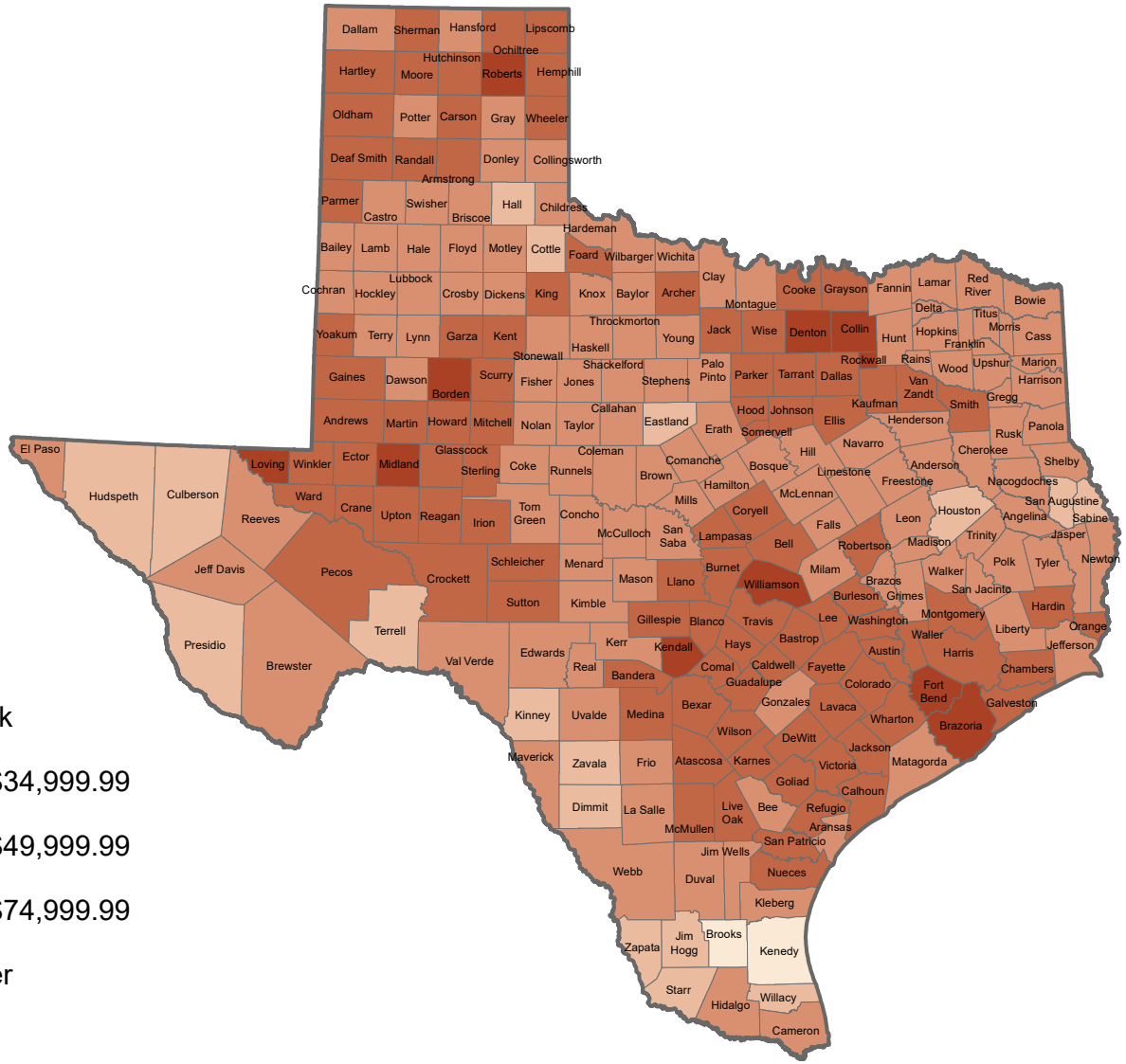
Source: U.S. Census Bureau, American Community Survey, 5-Year Sample, 2013-2017

Median Household Income by Race/Ethnicity, Texas and Big Four Metro Areas, 2017



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

Median Household Income, Texas Counties, 2017

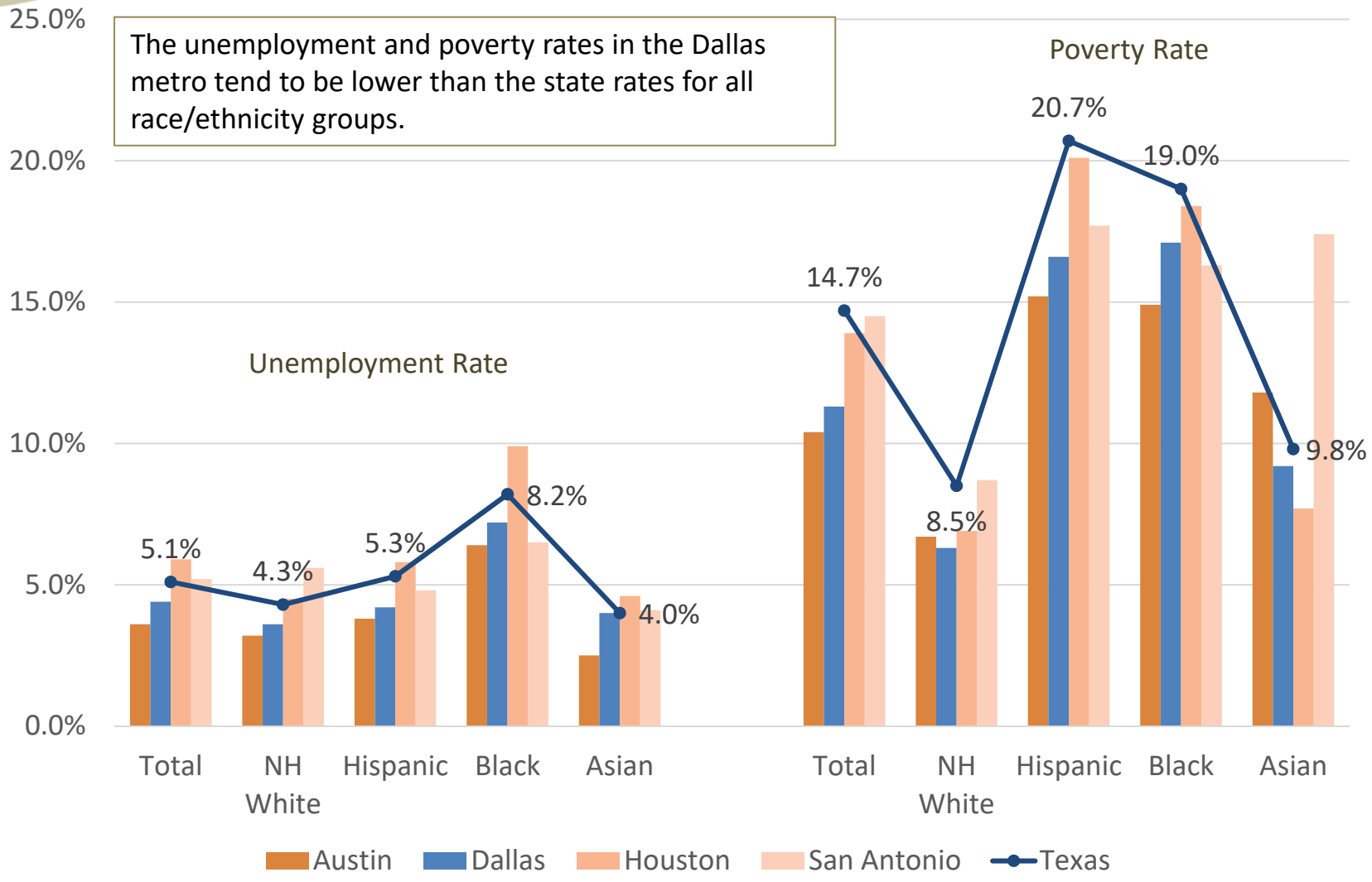


- Less than $25k
- $25,000.00 - $34,999.99
- $35,000.00 - $49,999.99
- $50,000.00 - $74,999.99
- $75k or greater

Source: U.S. Census Bureau, American Community Survey 2017 5-Year Estimates

Unemployment and Poverty Rates by Race/Ethnicity, Texas and Big Four Metro Areas, 2017

The unemployment and poverty rates in the Dallas metro tend to be lower than the state rates for all race/ethnicity groups.



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

Gender Pay Gap, Texas and Big Four Metros, 2017

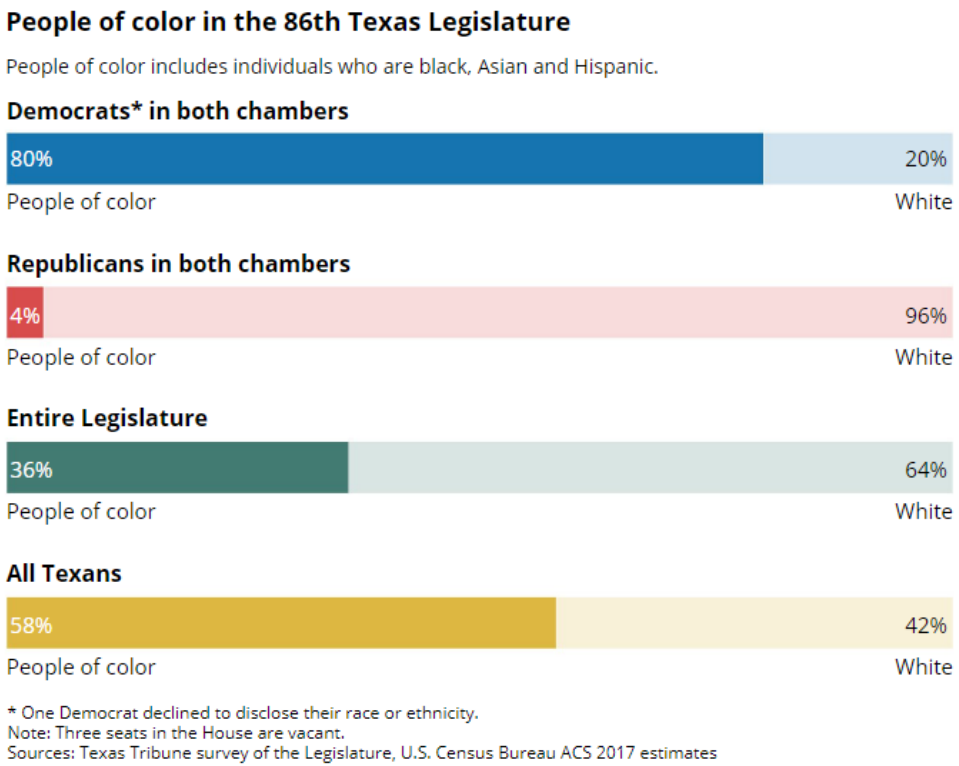
	Median Earnings, Male	Median Earnings, Female	Pay Gap
Texas	**$49,414**	**$40,236**	**.81**
Austin Metro	$55,162	$47,075	.85
DFW Metro	$51,498	$44,207	.86
Houston Metro	$51,634	$42,274	.82
San Antonio Metro	$43,515	$37,535	.86

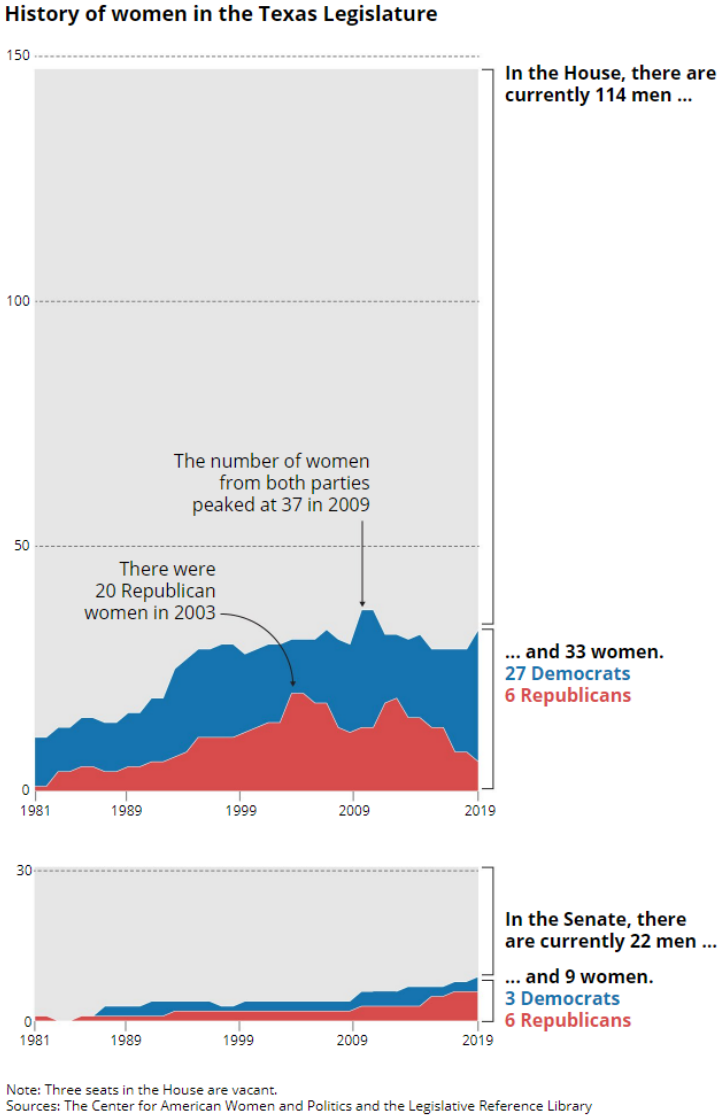
	Pay Gap for Hispanic Women
Texas	**.60**
Austin Metro	.64
DFW Metro	.59
Houston Metro	.56
San Antonio Metro	.74

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

Texas Legislature Demographics, 2019

- Nearly 2 of every 3 Texas lawmakers are white.
- Less than ¼ of them are women.





Source: Texas Tribune, https://apps.texastribune.org/features/2019/texas-lawmakers-legislature-demographics/

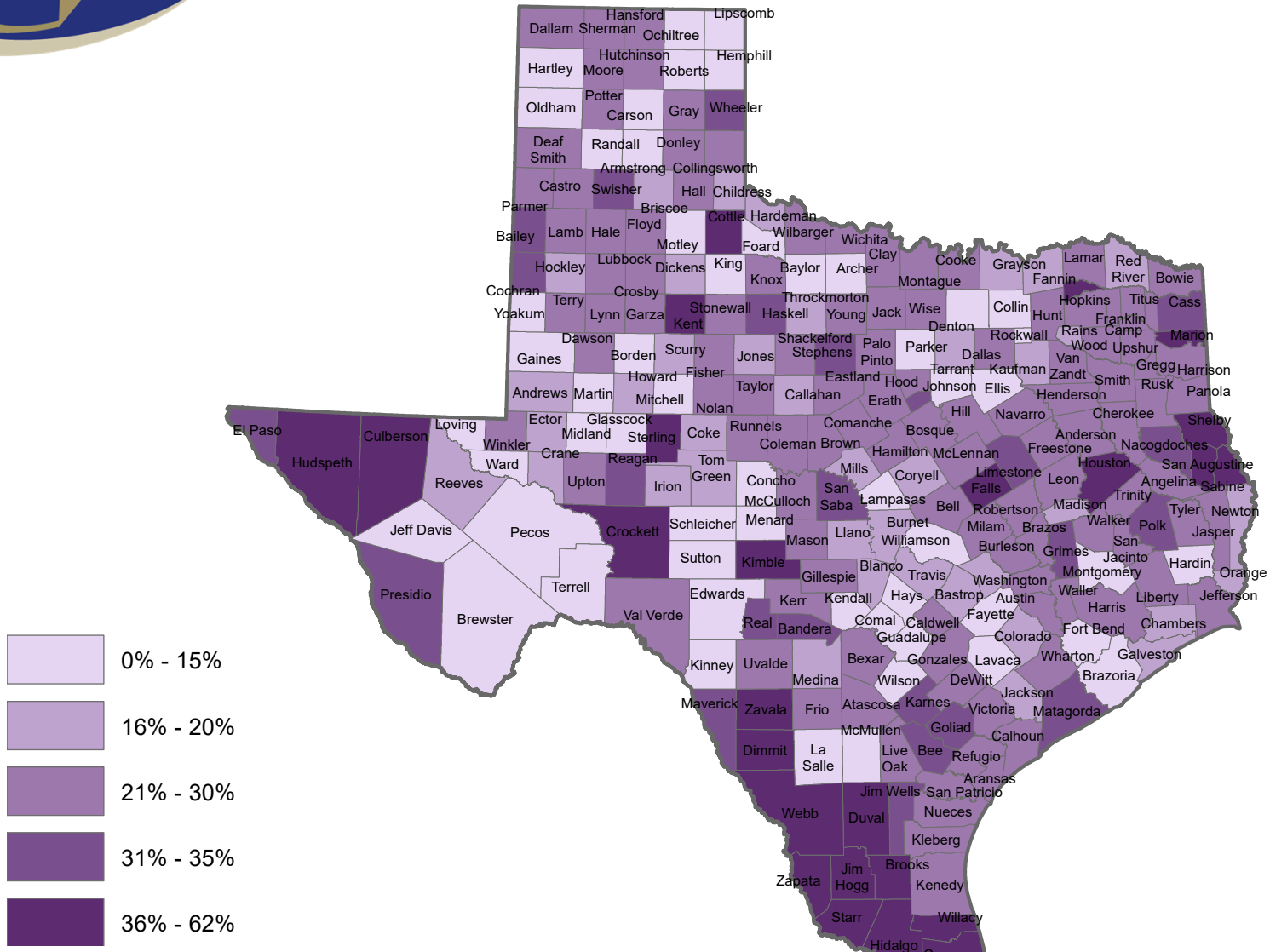
Texas Children

Children Characteristics, 2016, Texas and Region One Counties

	Texas	Hidalgo	Cameron	Webb	Starr	Willacy	Zapata	Jim Hogg
No. of Children	7,294,587	282,889	131,178	91,543	21,295	5,291	4,823	1,546
% of Texas Children		3.88%	1.80%	1.25%	0.29%	0.07%	0.07%	0.02%
Hispanic	49.1%	95.6%	94.5%	96.9%	99.2%			
NH White	32.5%	3.1%	4.6%	2.3%	0.2%			
Native Born	95.7%	94.0%	95.9%	95.3%	94.4%			
Married HH	66.3%	65.1%	60.5%	61.7%	56.9%			
Male Headed HH	7.0%	4.3%	6.2%	5.8%	4.1%			
Female Headed HH	26.2%	30.4%	32.8%	32.1%	38.9%			
Disability	4.2%	5.5%	5.3%	5.2%	5.7%			
Poverty	23.9%	44.7%	46.3%	43.2%	49.0%			
Median HH Income	$59,648	$34,827	$32,598	$39,045	$28,660			
Enrolled in Public School	90.9%	96.8%	96.5%	95.3%	98.2%			

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

Percent under 18 Years, Living below Poverty, Texas Counties, 2017

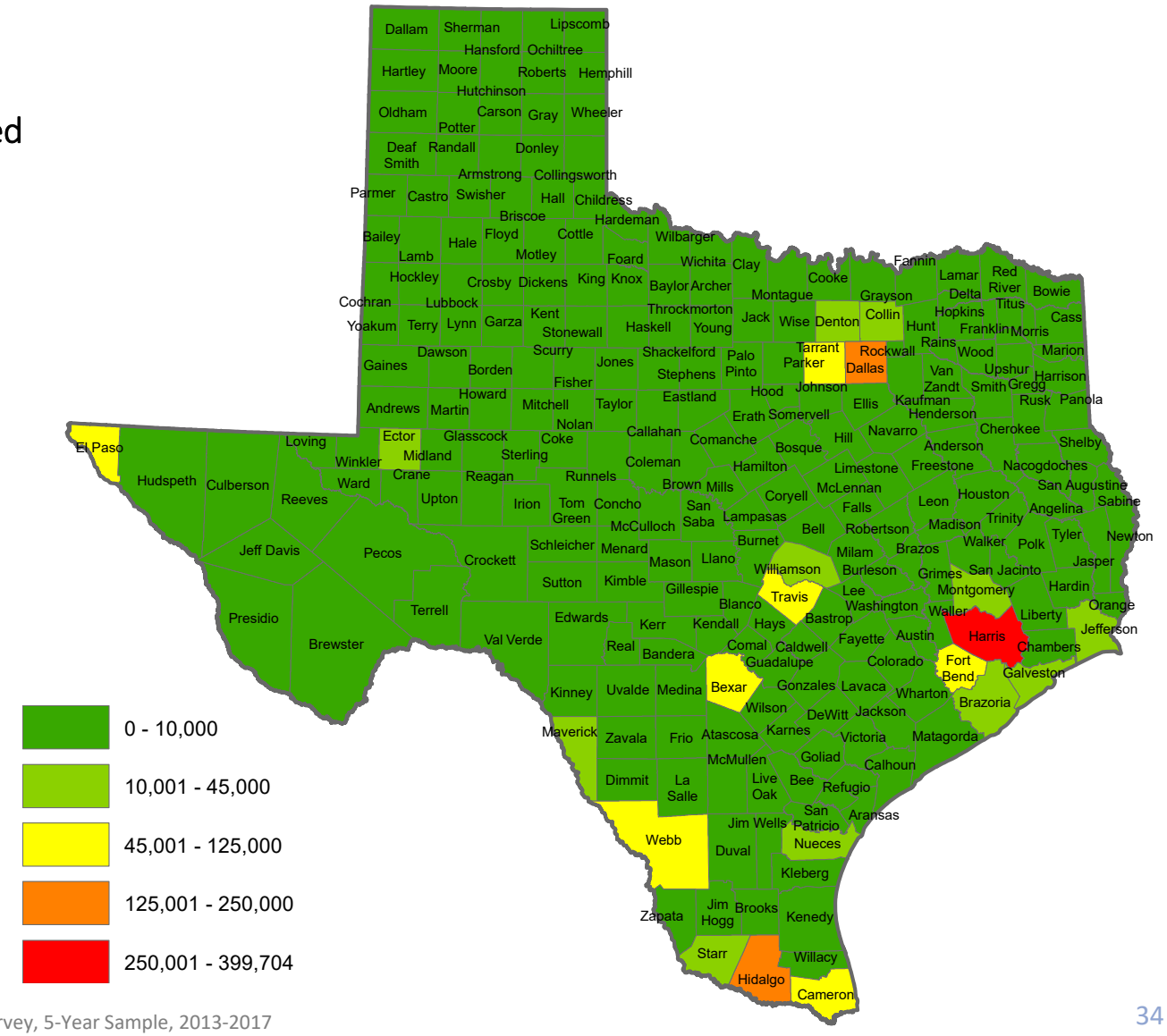


Source: U.S. Census Bureau, American Community Survey, 5-Year Sample, 2013-2017

Estimated number of children ages 5-17 years that do not speak English at home, Texas Counties, 2017

Household Language in Limited English Speaking Households:

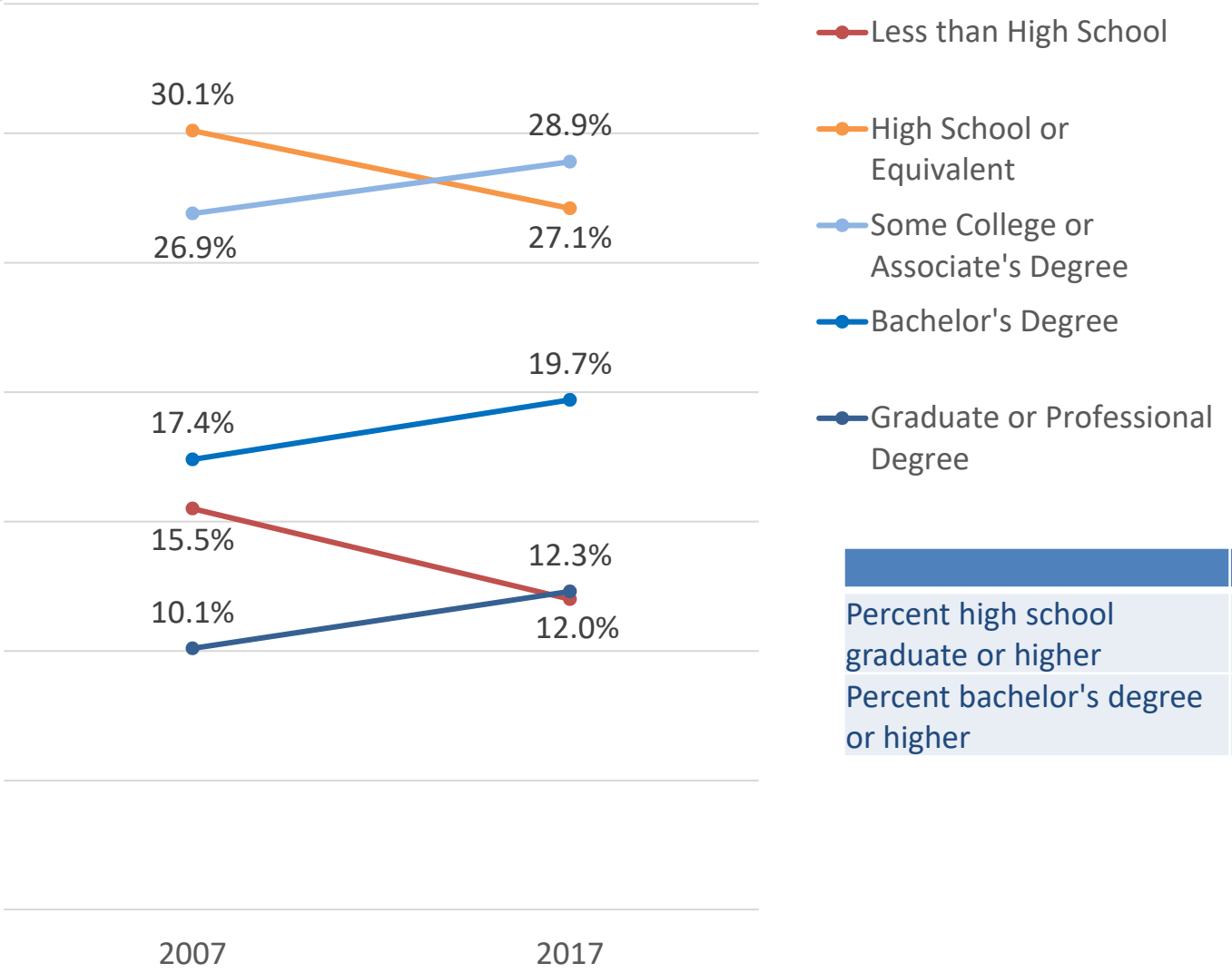
Spanish	84.9%
Vietnamese	3.2%
Chinese	3.0%
Other Indo-European	2.2%
Other Asian	1.9%
Other languages	1.2%
Arabic	1.0%
Korean	0.8%
French	0.6%
Russian	0.6%



Source: U.S. Census Bureau, American Community Survey, 5-Year Sample, 2013-2017

Education in Texas

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

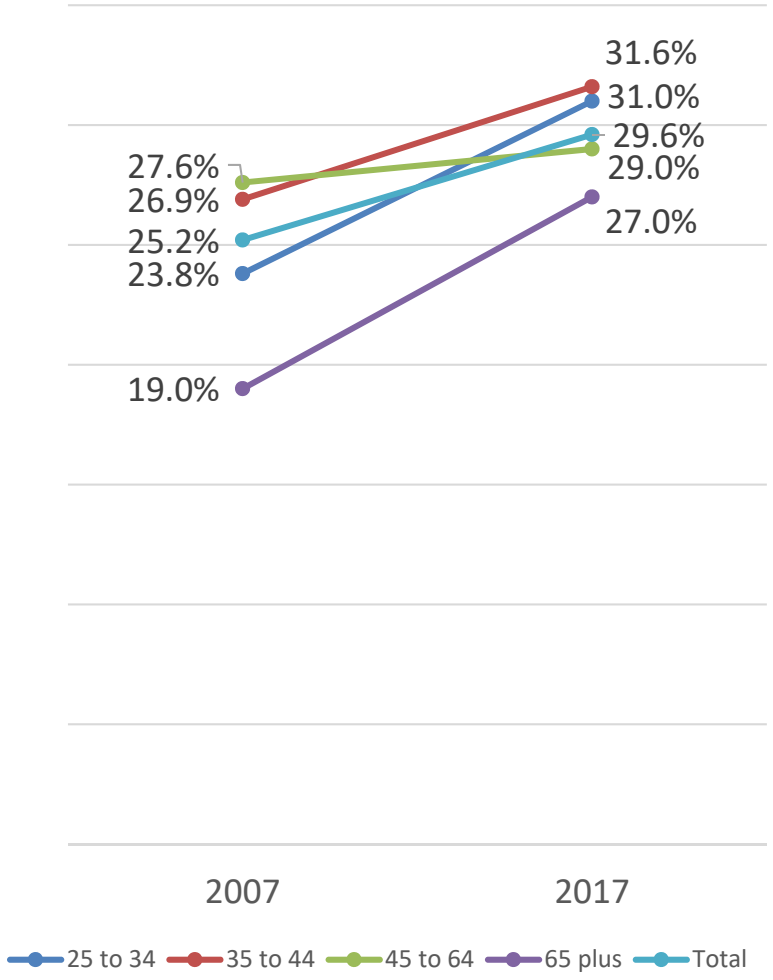


	2007	2017	
Percent high school graduate or higher	79.1%	83.6%	*
Percent bachelor's degree or higher	25.2%	29.6%	*

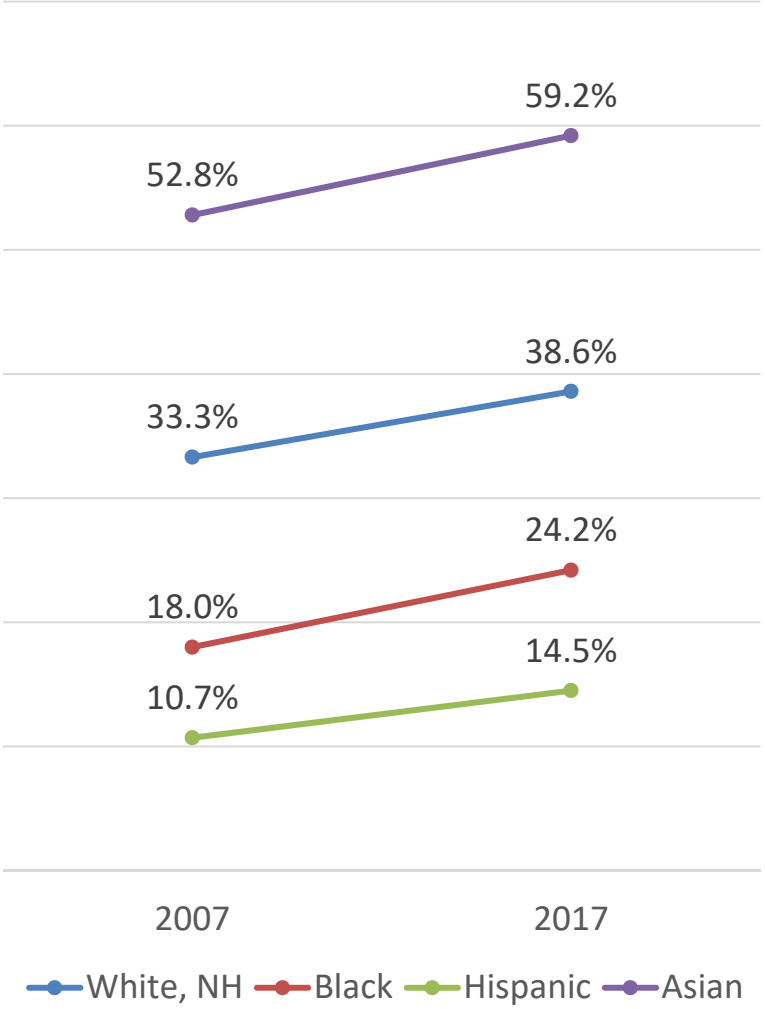
Source: U.S. Census Bureau, American Community Survey, 1-Year Samples, 2007-2017. * Years significantly different *p<.05*

Educational Attainment, Texas, 2007 and 2017

Percent BA by Age Group

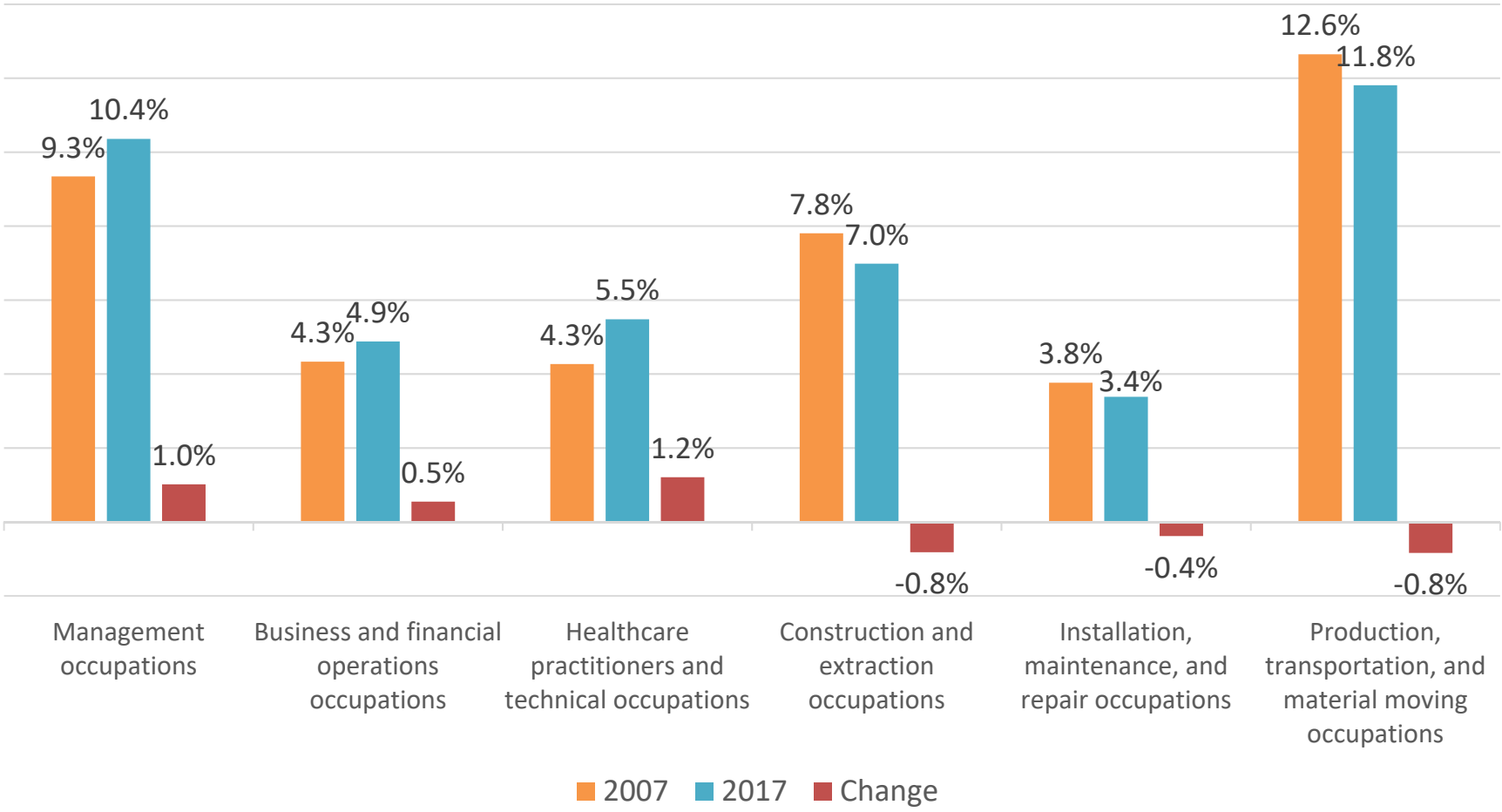


Percent BA by Race/Ethnicity



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

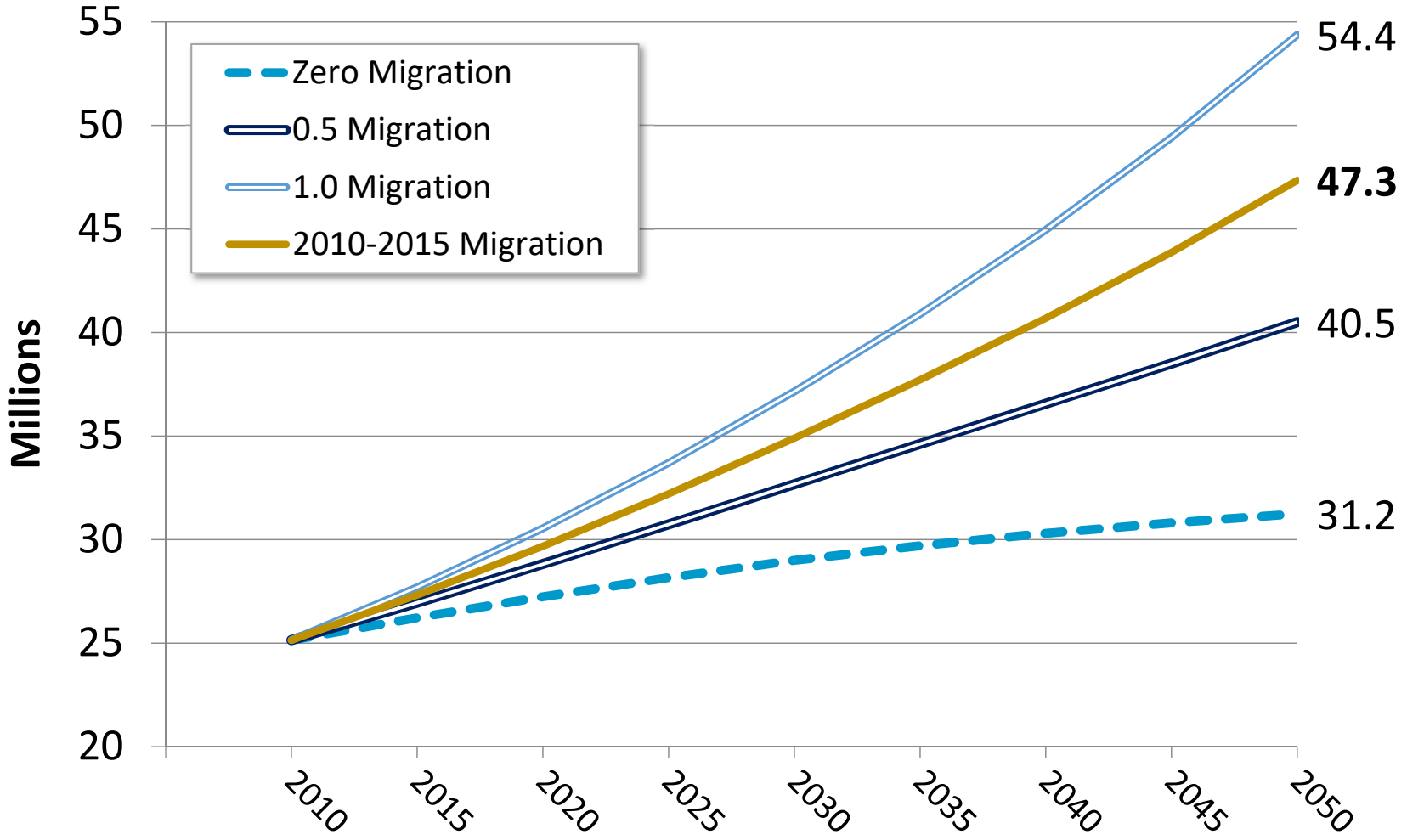
Percent of Civilian Labor Force by Occupation, Texas, 2007, 2017 and 2017-2017 Change



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

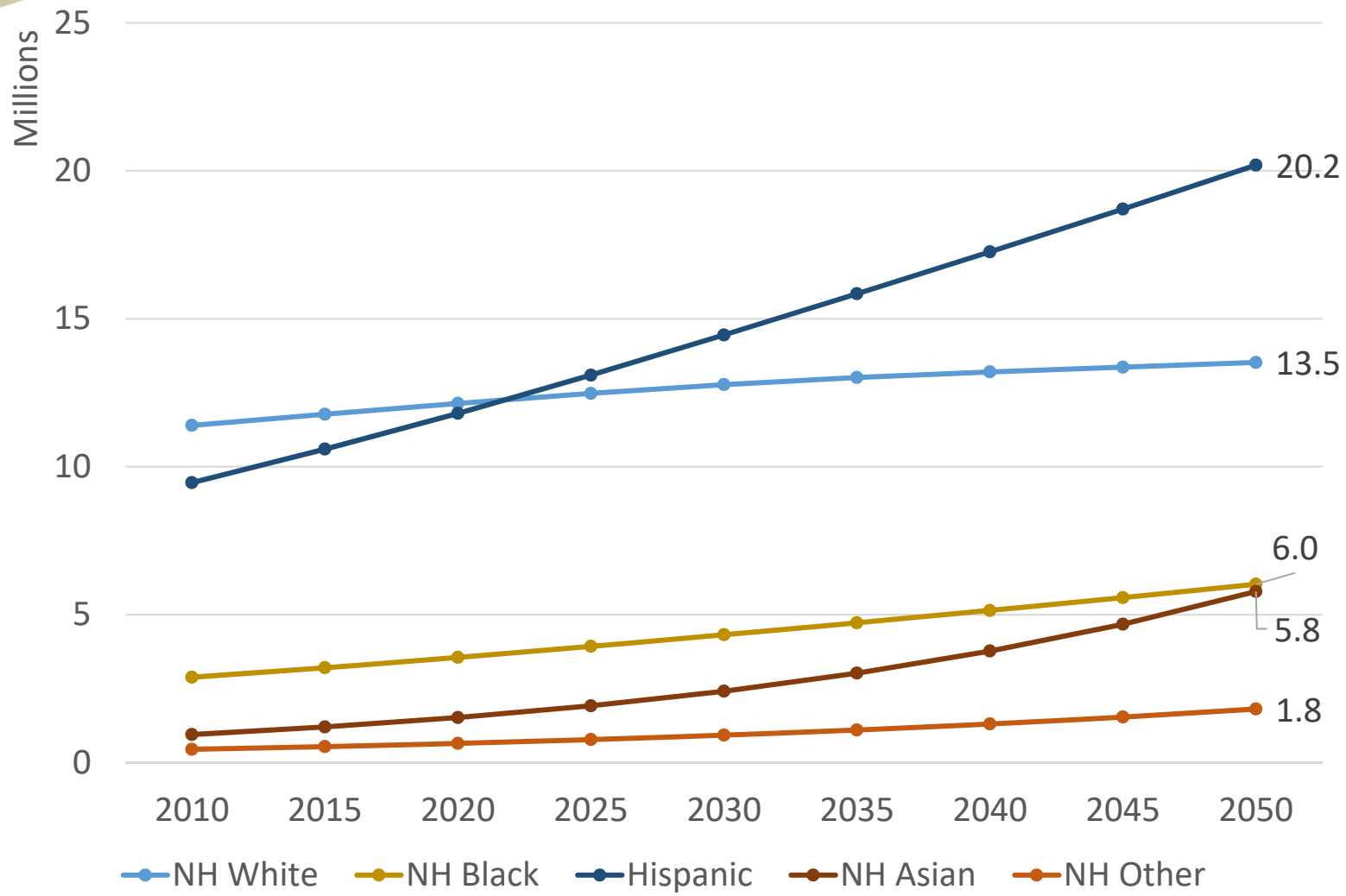
Population Projections

Projected Population, 2010-2050, Texas



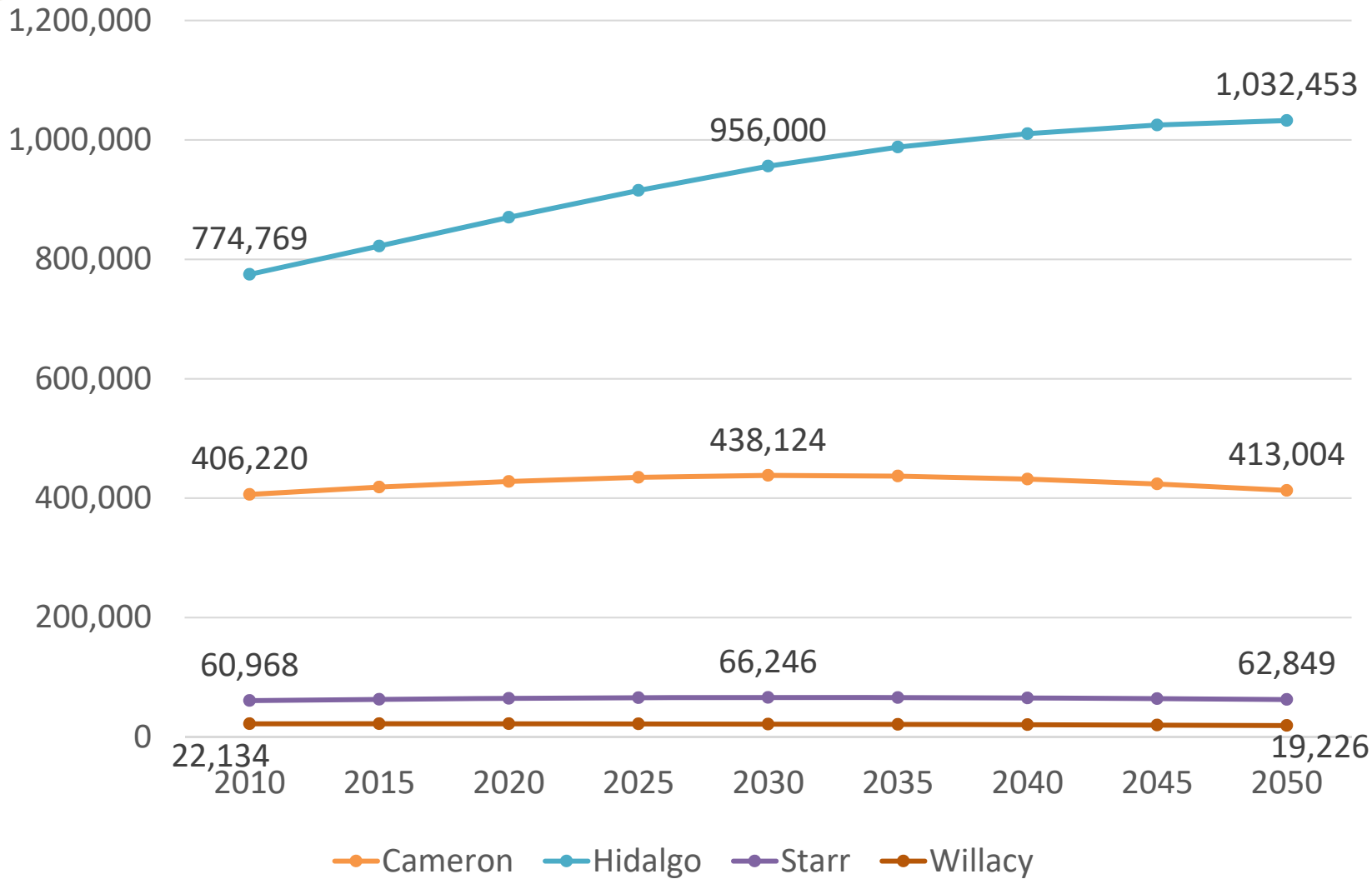
Source: Texas Demographic Center, 2014 and 2018 Population Projections

Projected Population by Race and Ethnicity, Texas 2010-2050



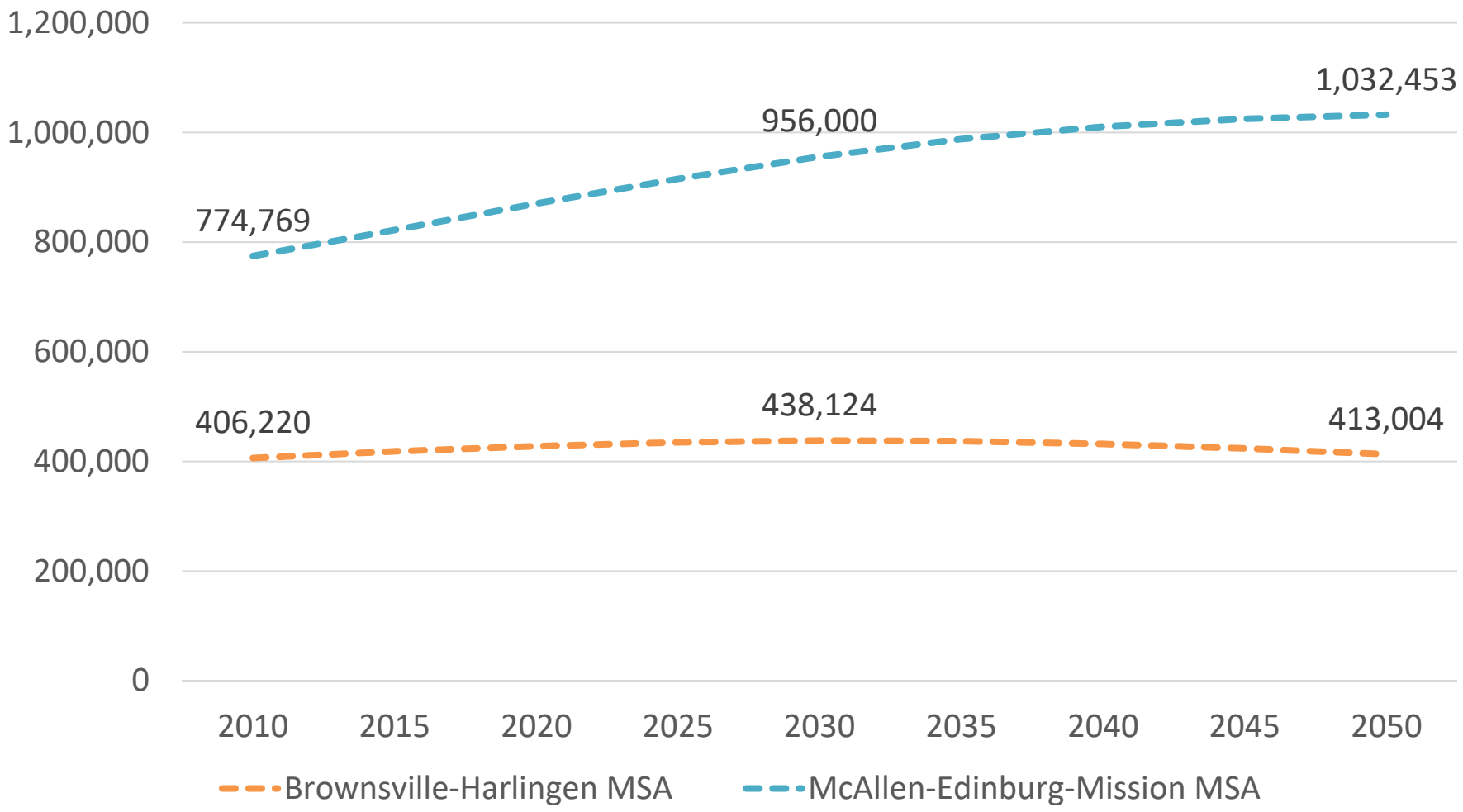
Source: Texas Demographic Center 2018 Population Projections

Population Projections, Rio Grande Valley Counties, 2010-2050



Source: Texas Demographic Center, 2018 Population Projections

Population Projections, Rio Grande Valley MSAs, 2017



Road to the 2020 Census

Census Data and the Fair Allocation of Federal Funds

More than $700 billion in FY 2015 federal funding was distributed on the basis of Census-guided data.

Top 11 Census-Guided Federal Programs

Program	Amount (in billions)
Medicaid	$312.0
Supplemental Nutritional Assistance Program	$69.5
Medicare Part B – Physicians Fee Schedule Services	$64.2
Highway Planning and Construction	$38.3
Section 8 Housing Choice Vouchers	$19.1
Title I Grants to Local Education Agencies	$13.9
National School Lunch Program	$11.6
Special Education Grants (IDEA)	$11.2
State Children's Health Insurance Program	$11.1
Section 8 Housing Assistance Payments Program	$9.2
Head Start/Early Head Start	$8.3

Source: Andrew Reamer, *Counting For Dollars: The Role of the Decennial Census in the Geographic Distribution of Federal Funds,* initial analysis, George Washington University, June 2017

Census-Guided Federal Funds Annually Allocated to Selected States

State	Amount (in billions)
California	$76.7
New York	$53.2
Texas	$43.3
Florida	$29.3
Illinois	$19.7
New Jersey	$17.6
North Carolina	$16.3
Georgia	$13.7
Washington	$13.7
Arizona	$13.5

Latino Community Includes Many "Hard-to-Count" Residents

- Lower-income families
- Immigrants
- Individuals with low English-language proficiency
- Renters
- Residents who live in non-traditional housing
- Rural residents
- Highly mobile residents, such as farmworkers
- Very young children (under age 5)

Census 2010 missed more than 400,000 very young Latino children.

This is a uniquely high "undercount" rate. In 2010, the net undercount rate for very young Latino children was 7.1 percent, compared to 4.3 percent for non-Latinos.

Undercount of very young Latino children is concentrated in a few states

State	Net Undercount	Share of Net Undercount
California	-113,000	29%
Texas	-75,000	19%
Florida	-44,000	11%
Arizona	-32,000	8%
New York	-21,000	5%
Georgia	-21,000	5%
Total for Six States	-306,000	78%*
United States	-391,000	

**Total share is greater than sum of individual states because of rounding.*

Net Undercount of Very Young Latino Children for Selected Counties

State	County	Net Undercount	Share of Net Undercount*
California	Los Angeles	-47,000	12%
Arizona	Maricopa	-27,000	7%
Florida	Miami-Dade	-18,000	5%
Texas	Dallas	-17,000	4%
California	Orange	-15,000	4%
Illinois	Cook	-11,000	3%
Texas	Hidalgo	-10,000	3%
Texas	Harris	-9,000	2%
Texas	Cameron	-5,000	1%
Texas	Starr	-2,000	Less than 1%
Texas	Bexar	-1,000	Less than 1%
Total for 11 Counties		-162,000	41%*
United States		**-391,000**	

**Share of undercount is affected by rounding of net undercount estimates.*

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

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