The Population of Texas: Characteristics and Trends

Texas Society of CPAs

Young and Emerging Professionals Conference

November 16, 2016

Houston, Texas

TEXAS DEMOGRAPHIC CENTER

@TexasDemography

Overview

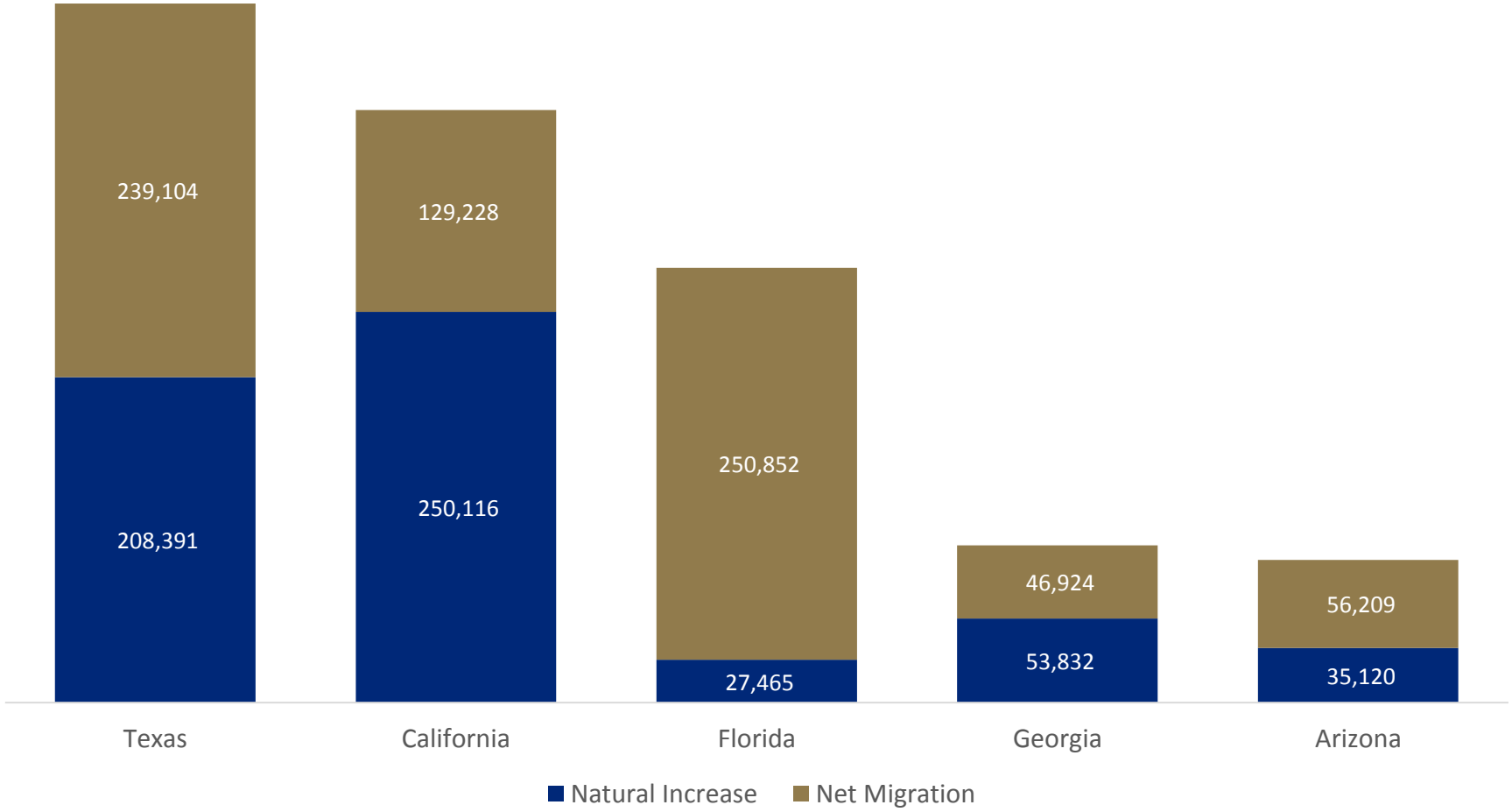
- Texas demographics
- Population growth
- Migration
- Race and ethnic trends
- Projections of population
- Education and the labor force

Growing States, 2000-2015

	2000 Population	2010 Population	2015 Population	Numeric Change 2010-2015	Percent Change 2010-2015
United States	281,421,906	308,745,538	321,418,820	12,673,282	4.1%
Texas	**20,851,820**	**25,145,561**	**27,469,114**	**2,323,553**	**9.2%**
California	33,871,648	37,253,956	39,144,818	1,890,862	5.1%
Florida	15,982,378	18,801,310	20,271,272	1,469,962	7.8%
Georgia	8,186,453	9,687,653	10,214,860	527,207	5.4%
North Carolina	8,049,313	9,535,483	10,042,802	507,319	5.3%
Arizona	5,130,632	6,392,017	6,828,065	436,048	6.8%

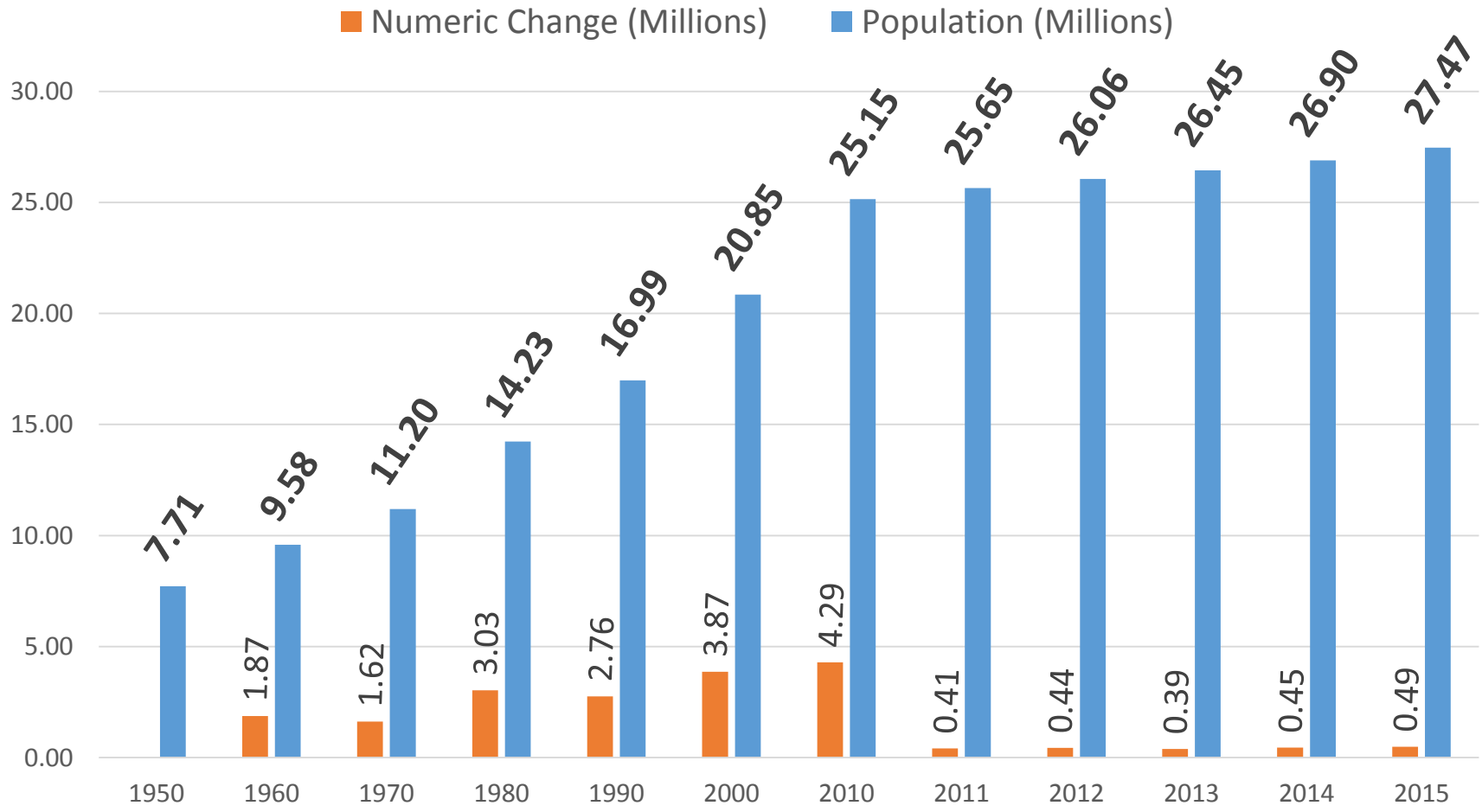
Source: U.S. Census Bureau. 2000 and 2010 Census Count, 2015 Population Estimates.

Components of Population Change for the Top Five Growth States, 2013-14



Source: U.S. Census Bureau, Population Estimates, 2015

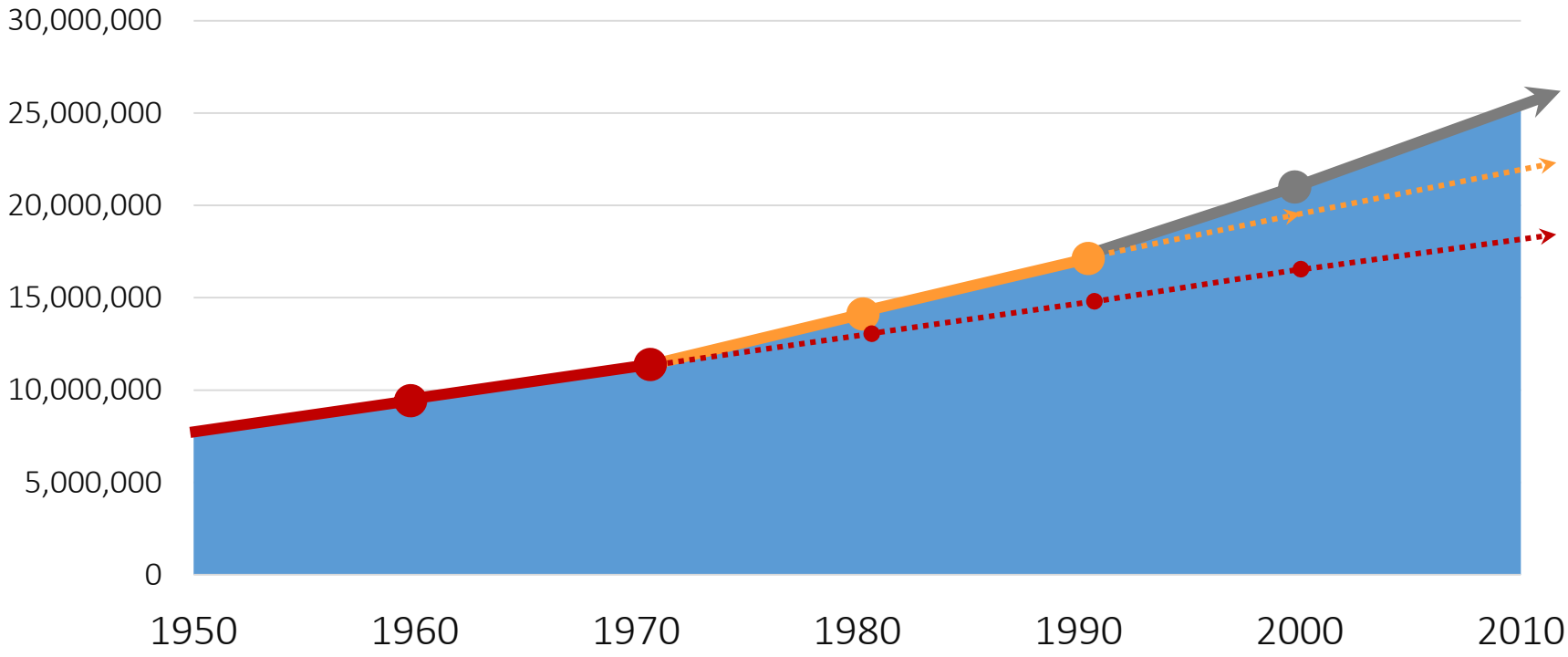
Total Population and Components of Population Change in Texas, 1950-2014



All values for the decennial dates are for April 1st of the indicated census year. Values for 2012-2014 are for July 1 as estimated by the U.S. Census Bureau.

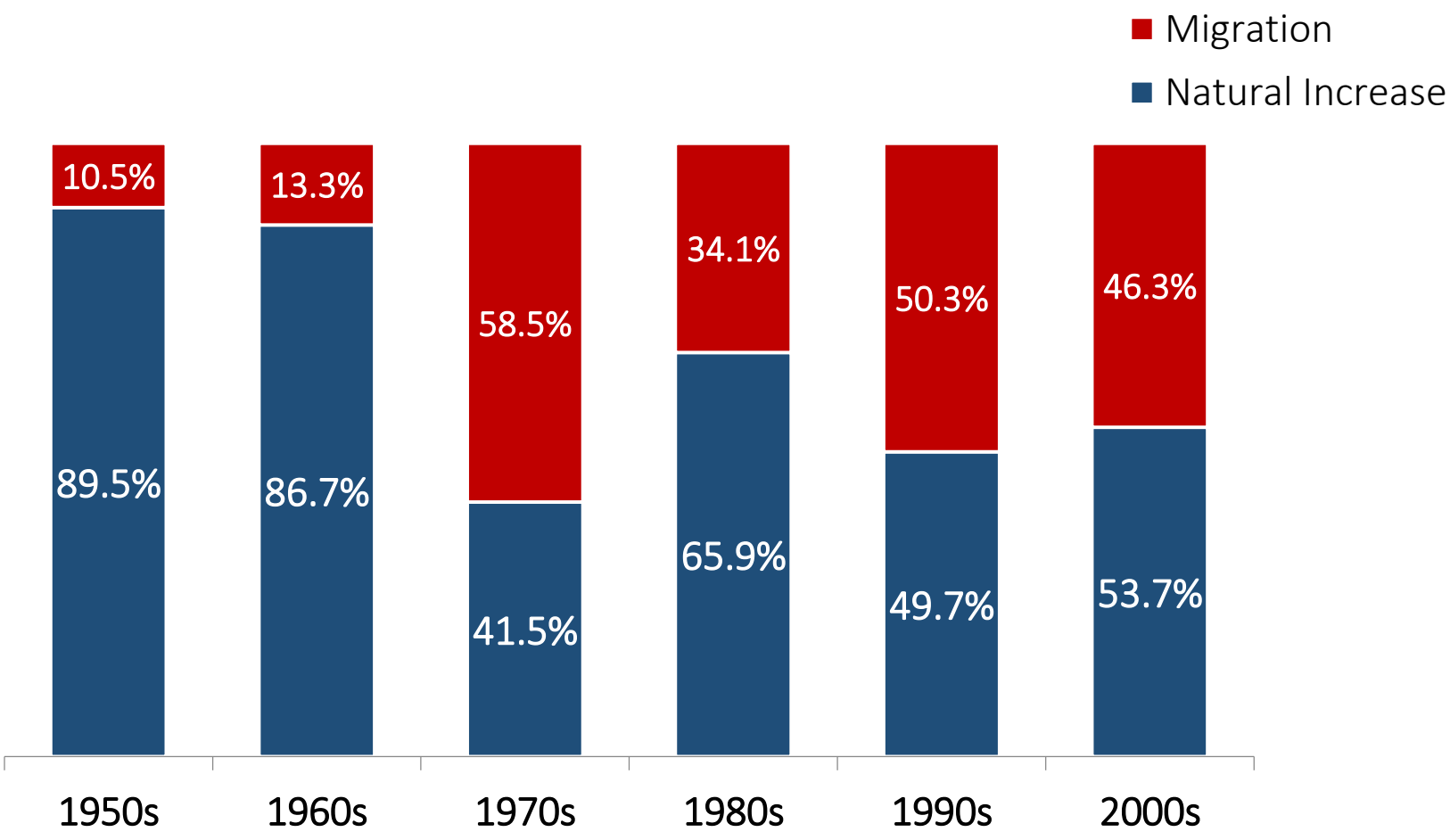
Source: U.S. Census Bureau, Census Counts and Population Estimates

Population Growth, Texas, 1950-2010



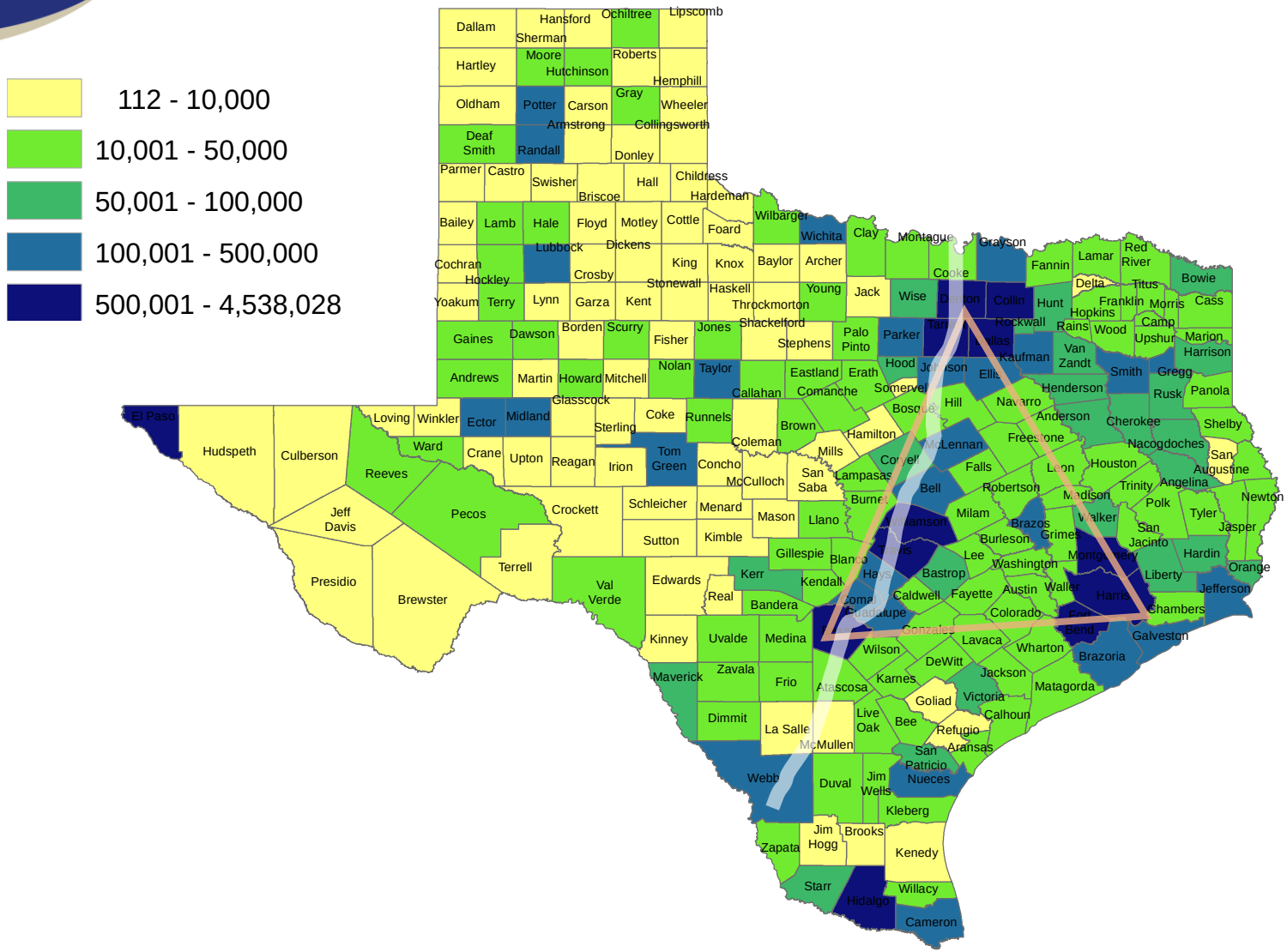
Source: U.S. Census Bureau, Decennial Censuses

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



Source: U.S. Census Bureau, Population Estimates

Total Estimated Population by County, Texas, 2015

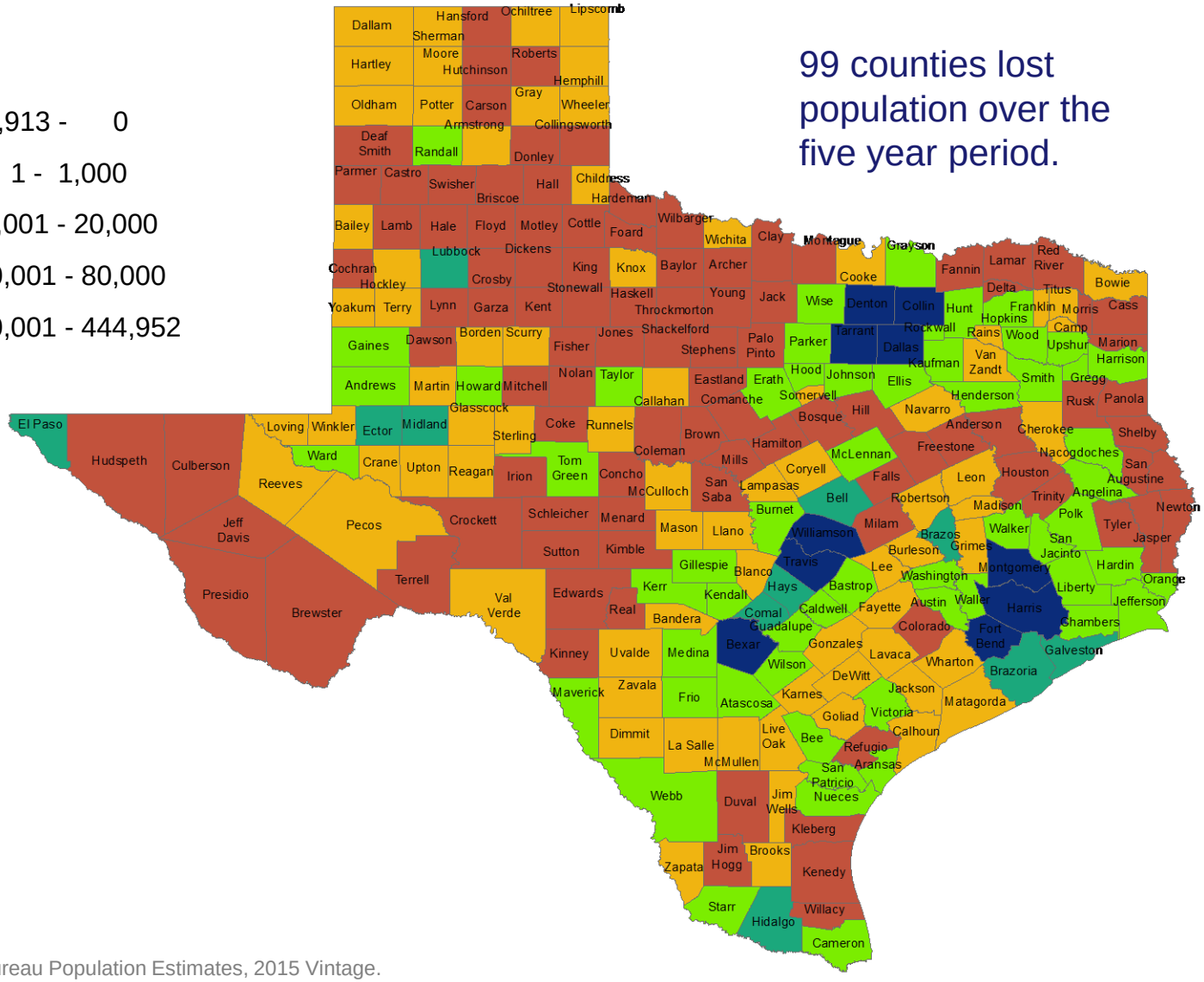


Source: U.S. Census Bureau, 2015 Vintage Population Estimates

Estimated Population Change, Texas Counties, 2010 to 2015

- -1,913 - 0
- 1 - 1,000
- 1,001 - 20,000
- 20,001 - 80,000
- 80,001 - 444,952

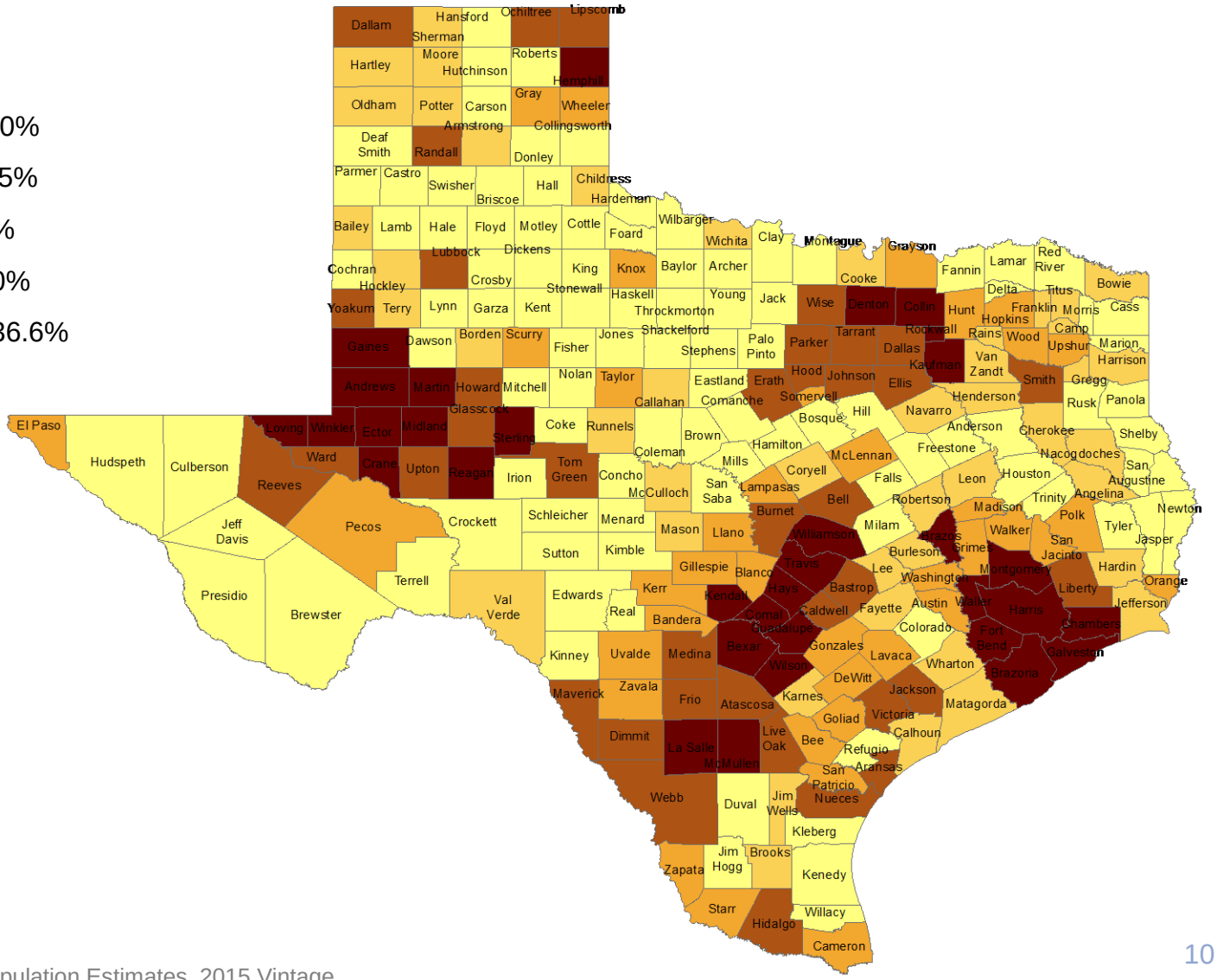
99 counties lost population over the five year period.



Source: U.S. Census Bureau Population Estimates, 2015 Vintage.

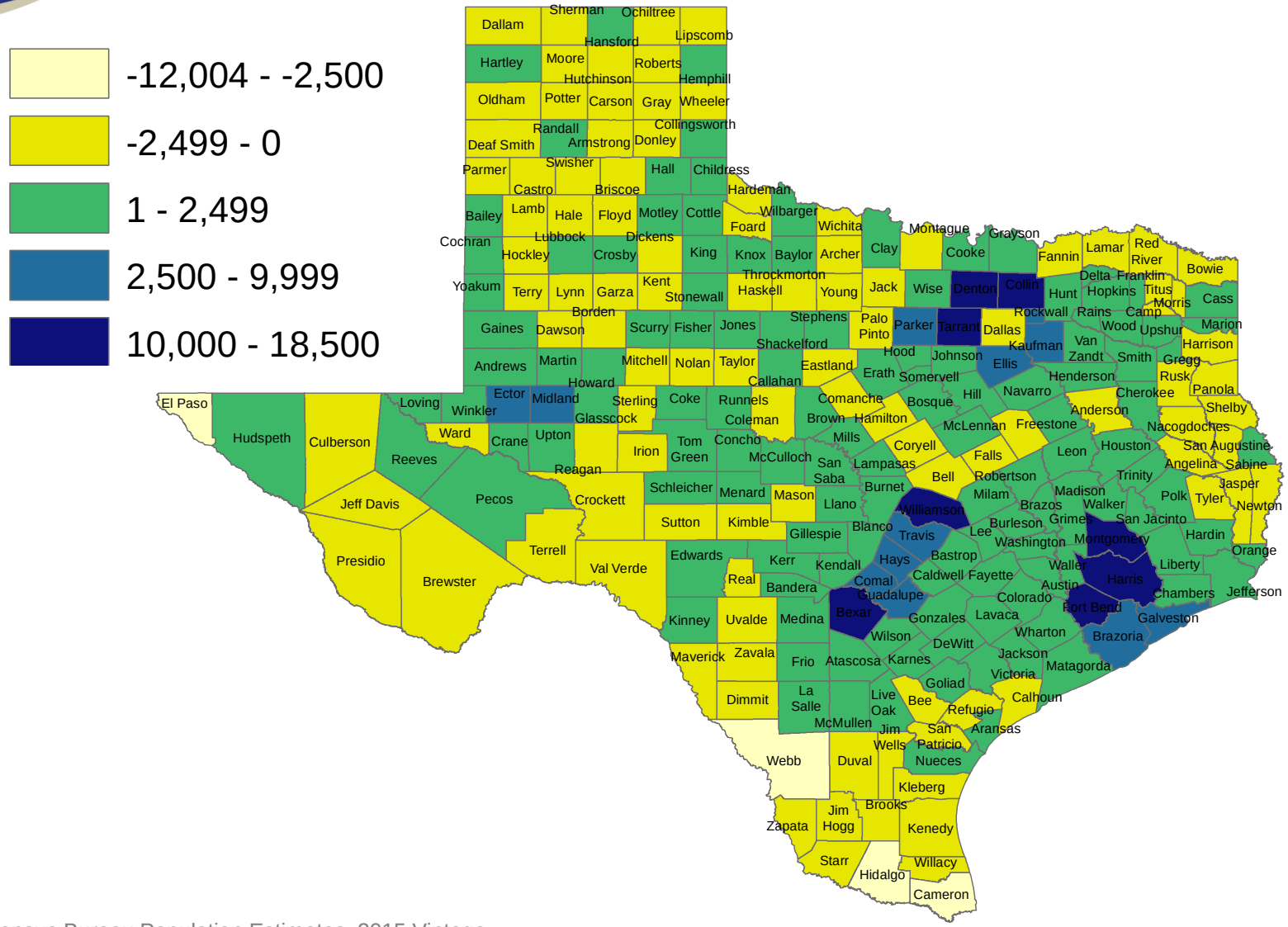
Estimated Percent Change of the Total Population by County, Texas, 2010 to 2015

- -14.9% - 0%
- 0.1% - 2.5%
- 2.6% - 5%
- 5.1% - 10%
- 10.1% - 36.6%



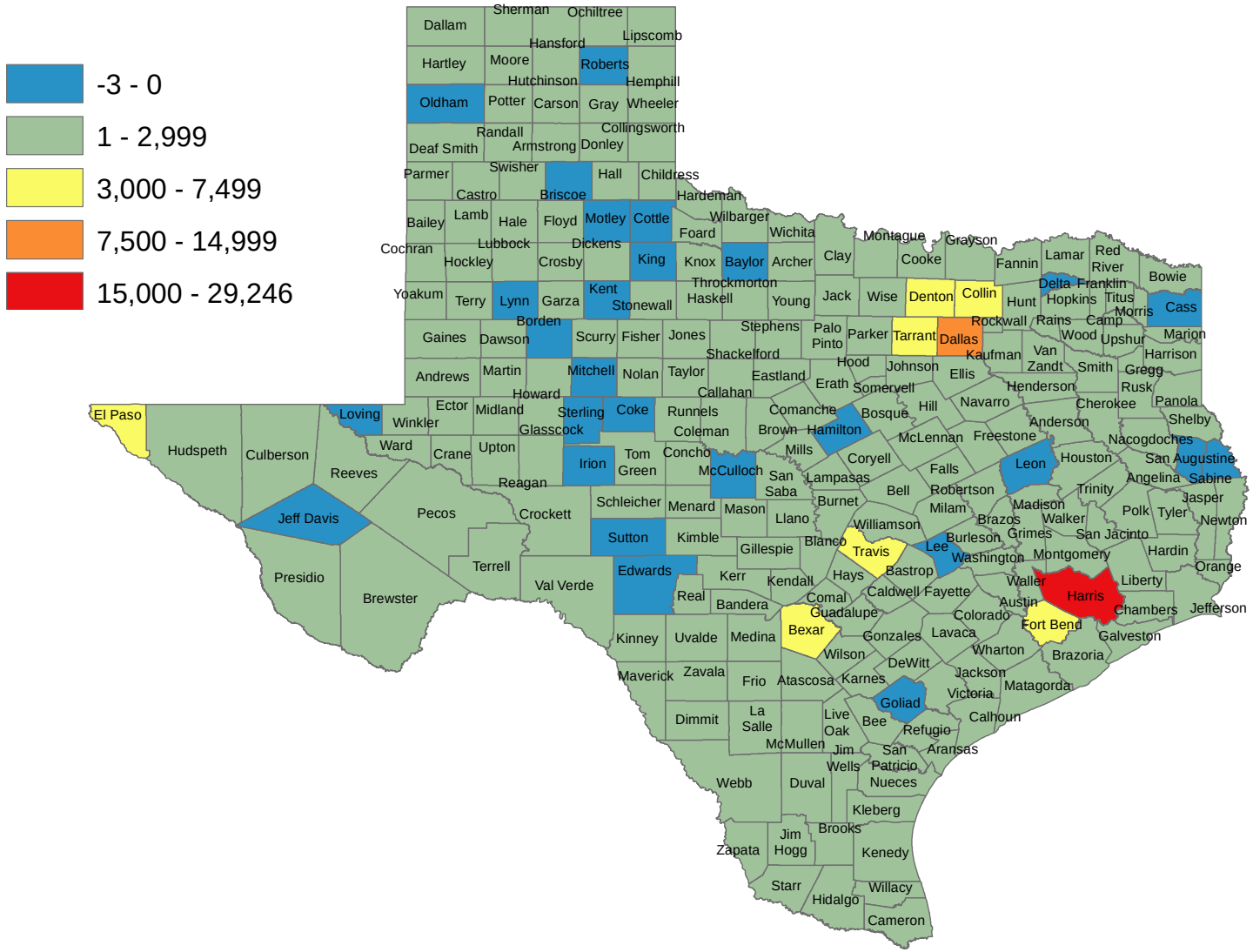
Source: U.S. Census Bureau Population Estimates, 2015 Vintage.

Estimated Net-Domestic Migrants by County, Texas, 2014-2015



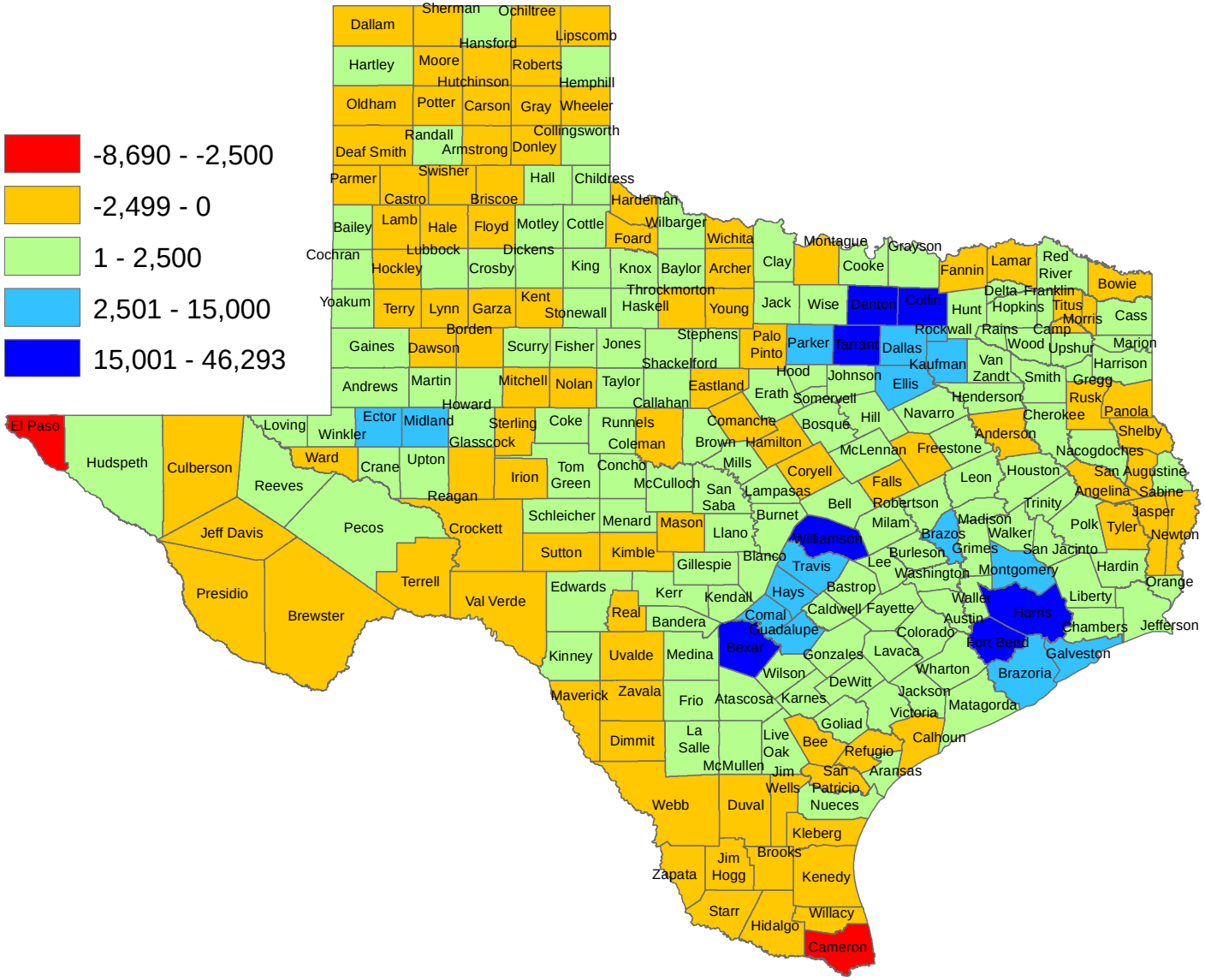
Source: U.S. Census Bureau Population Estimates, 2015 Vintage.

Estimated Net-International Migrants by County, Texas, 2014-2015



Source: U.S. Census Bureau Population Estimates, 2015 Vintage.

Estimated Net-Migrants by County, Texas, 2014-2015



Source: U.S. Census Bureau Population Estimates, 2015 Vintage.

Top Counties for Numeric Growth in Texas, 2014-2015

County	U.S. Rank Population Change	Population Change	Percent of Change from Natural Increase	Percent Change from Migration	Percent Change from International Migration
Harris	1	90,451	49.3%	50.7%	32.0%
Bexar	5	37,479	41.2%	58.8%	17.0%
Tarrant	6	36,152	46.3%	53.7%	20.2%
Dallas	9	33,760	68.1%	31.9%	39.0%
Fort Bend	13	29,437	20.7%	79.3%	16.5%
Collin	14	28,075	24.8%	75.2%	15.8%
Denton	16	25,820	25.5%	74.5%	11.7%
Travis	17	25,562	42.5%	57.5%	22.9%
Williamson	27	19,086	20.9%	79.1%	6.7%
Montgomery	29	18,505	19.2%	80.8%	9.9%

*Dallas had net out domestic migration over this period.

Source: U.S. Census Bureau, 2015 Vintage Population Estimates

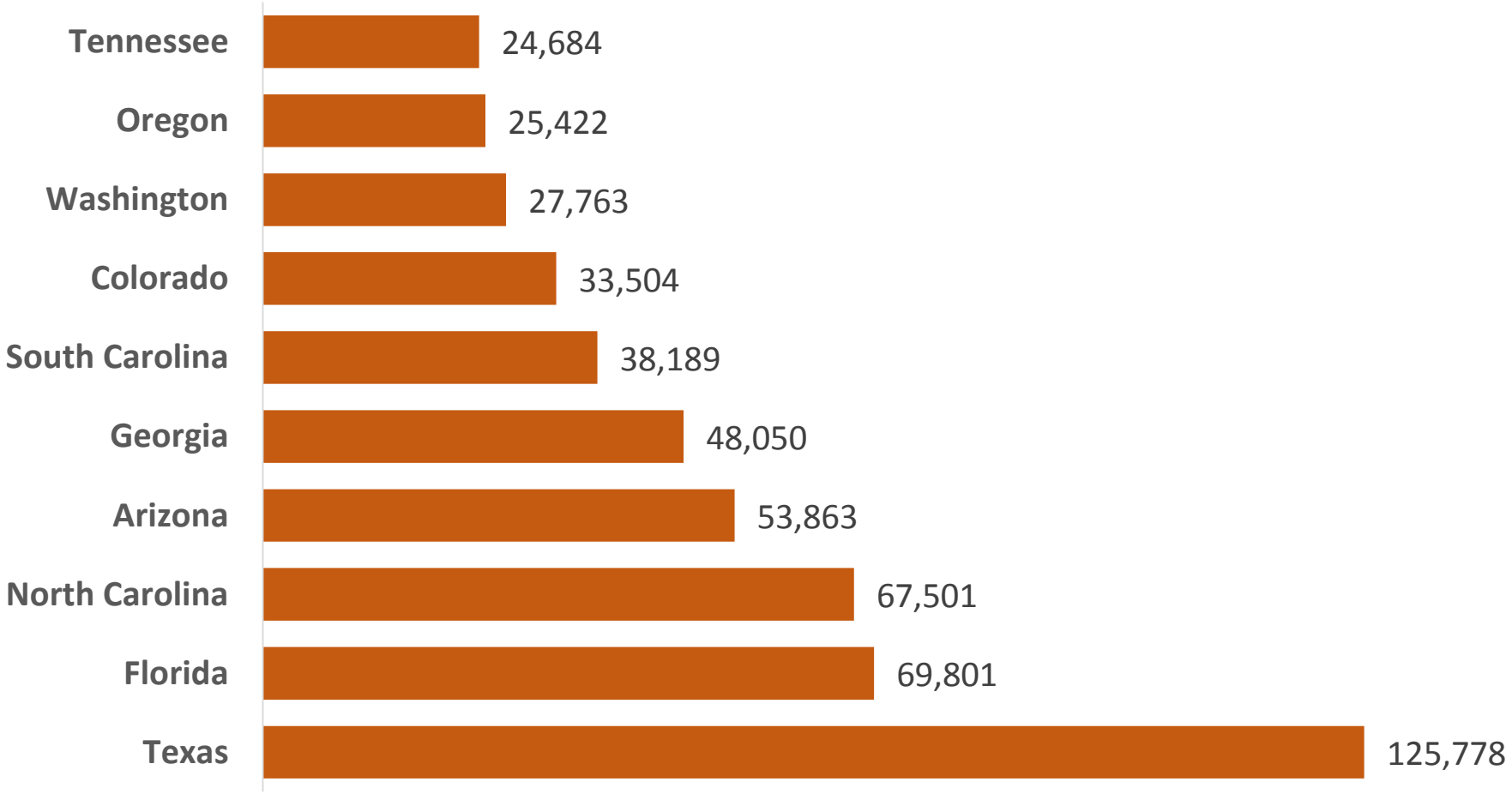
Top Counties for Percent Growth* in Texas, 2014-2015

County	U.S. Rank	2013-2014 Percent Population Change	Percent Change from Migration	Percent Change from International Migration
Hays	1	5.2%	85.5%	1.9%
Comal	2	4.5%	90.7%	2.1%
Fort Bend	4	4.3%	79.3%	16.5%
Williamson	7	3.9%	79.1%	6.7%
Montgomery	10	3.6%	80.8%	9.9%
Denton	12	3.4%	74.5%	11.7%
Ector	18	3.3%	63.1%	3.1%
Midland	19	3.3%	66.2%	3.2%
Collin	23	3.2%	75.2%	15.8%
Kaufman	25	3.1%	79.8%	3.2%
Parker	29	2.8%	89.8%	2.2%
Brazos	32	2.8%	69.2%	27.4%
Guadalupe	38	2.7%	78.8%	4.6%
Ellis	39	2.7%	77.2%	2.7%

*Among Counties with 10,000 or more population in 2014

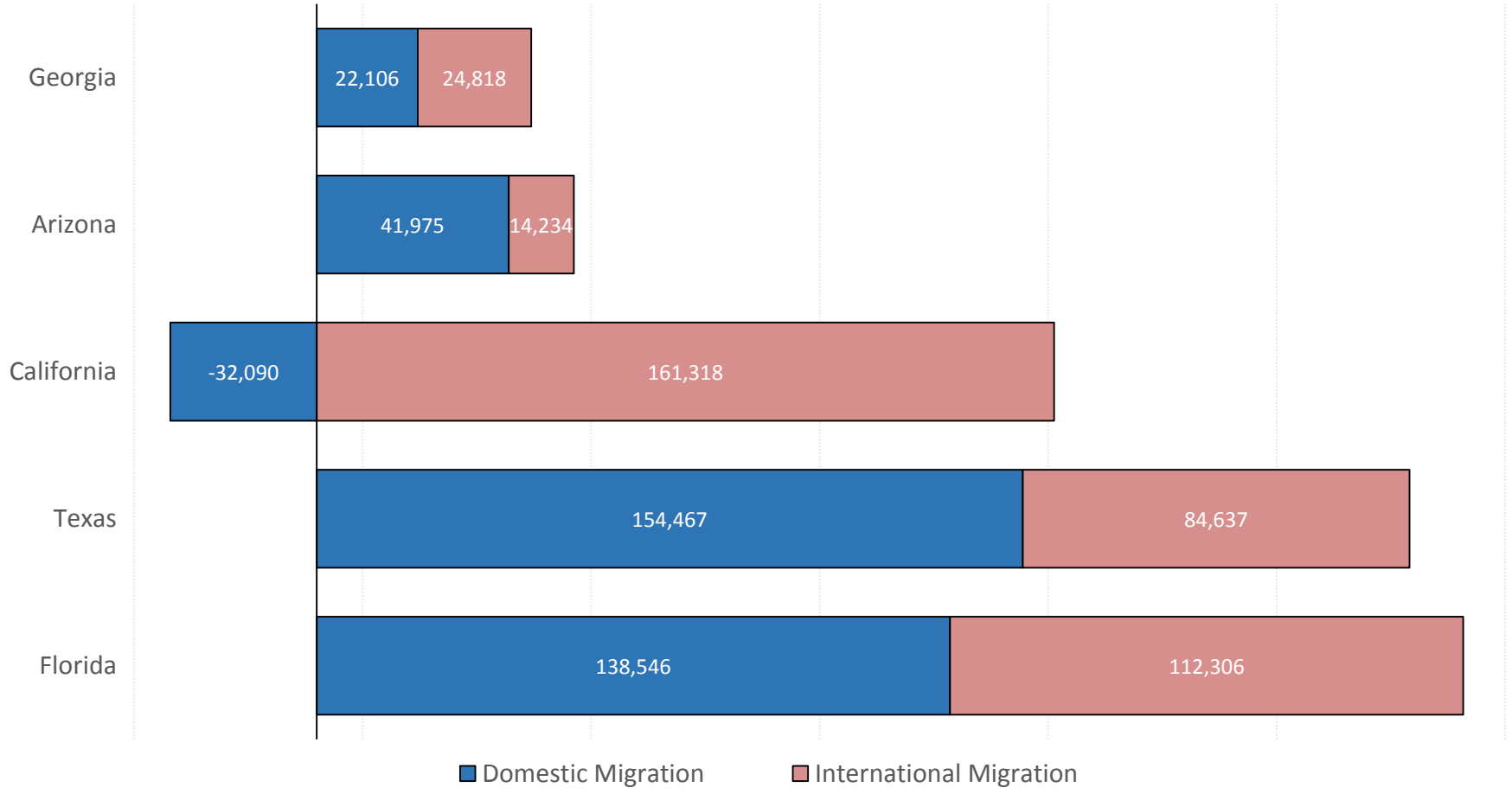
Source: U.S. Census Bureau, 2015 Vintage Population Estimates

The 10 U.S. States with the Largest Average Annual Net Domestic Migration by Rank, 2005-2013



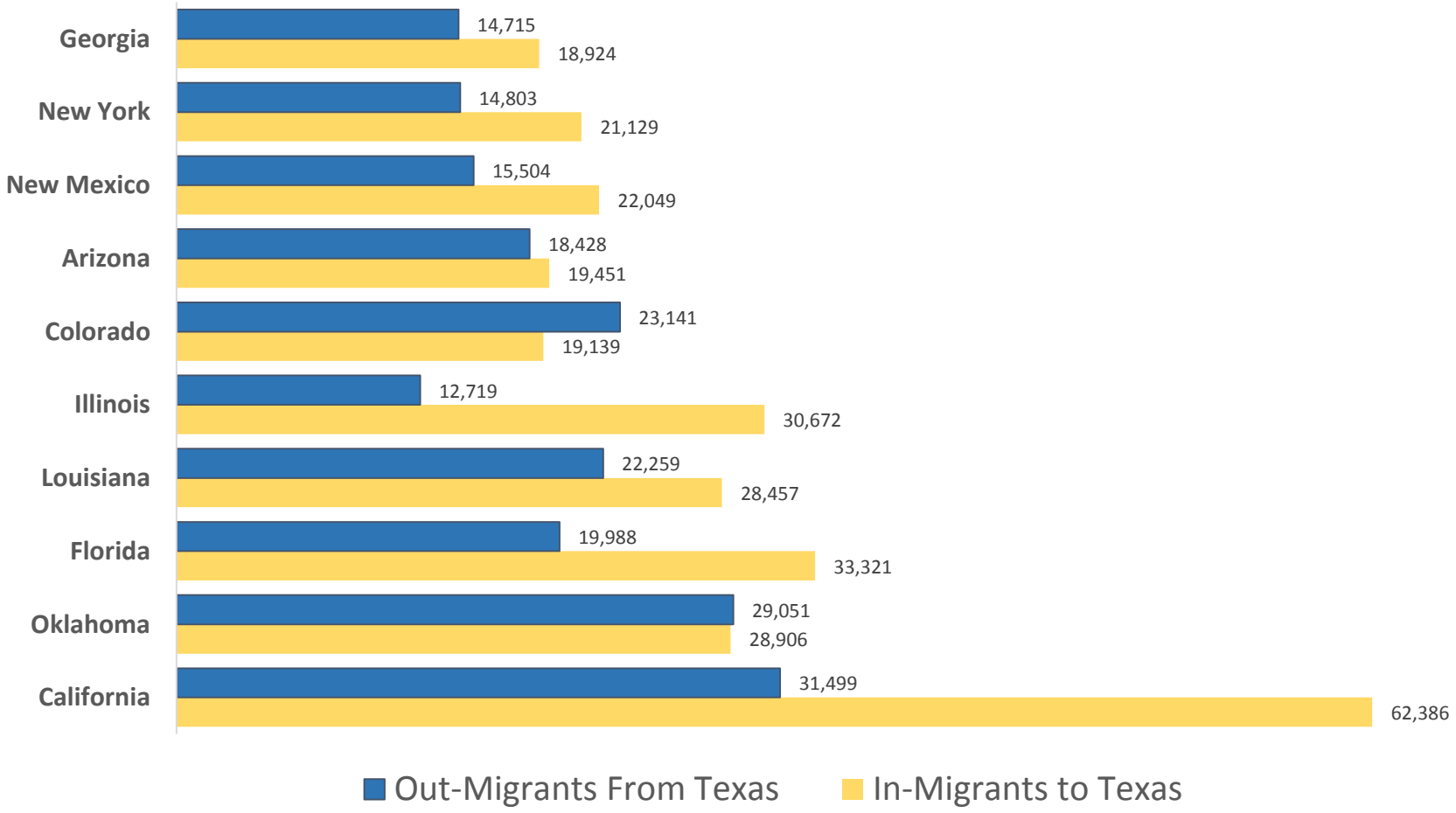
Source: U.S. Census Bureau, Population Estimates, 2015

Domestic and International Net Migration for the Top Five Growth States, 2013-14



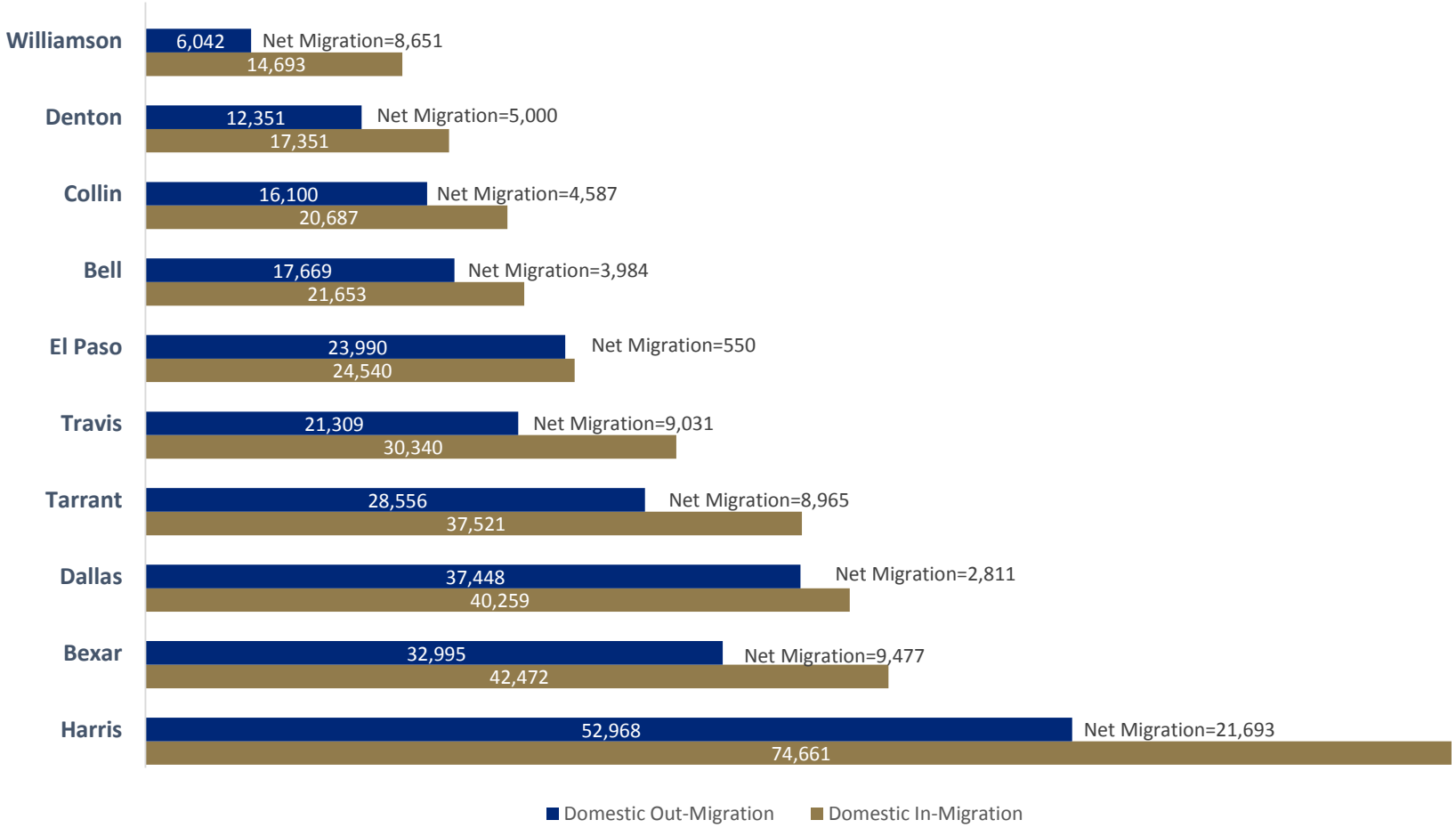
Source: U.S. Census Bureau, Population Estimates, 2015

Top 10 Gross Migration States for Domestic Migration to Texas, 2013



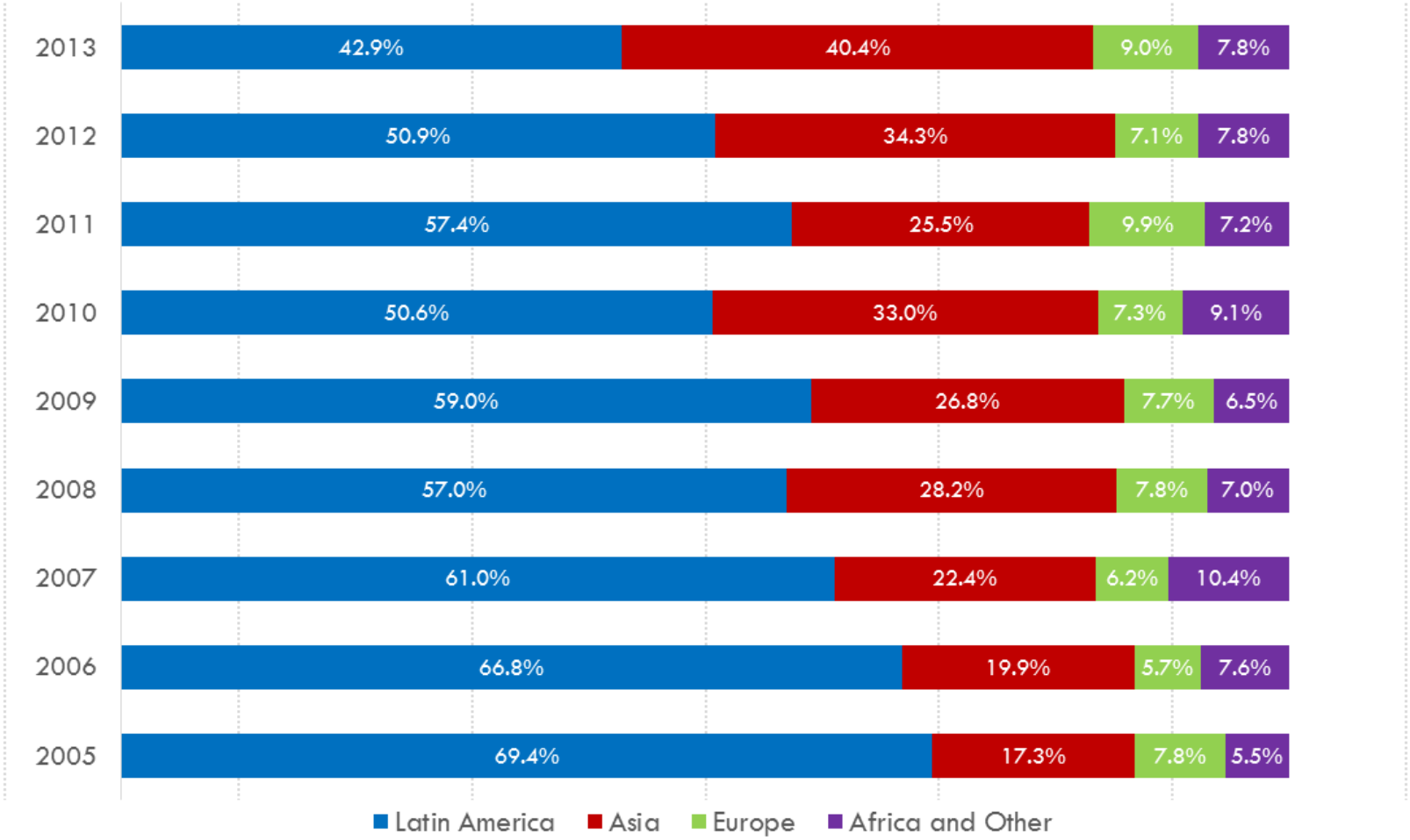
U.S. Census Bureau ACS 1-Year PUMS,2013

Top 10 Destination Counties for Interstate Domestic Migration to Texas, 2009-2013



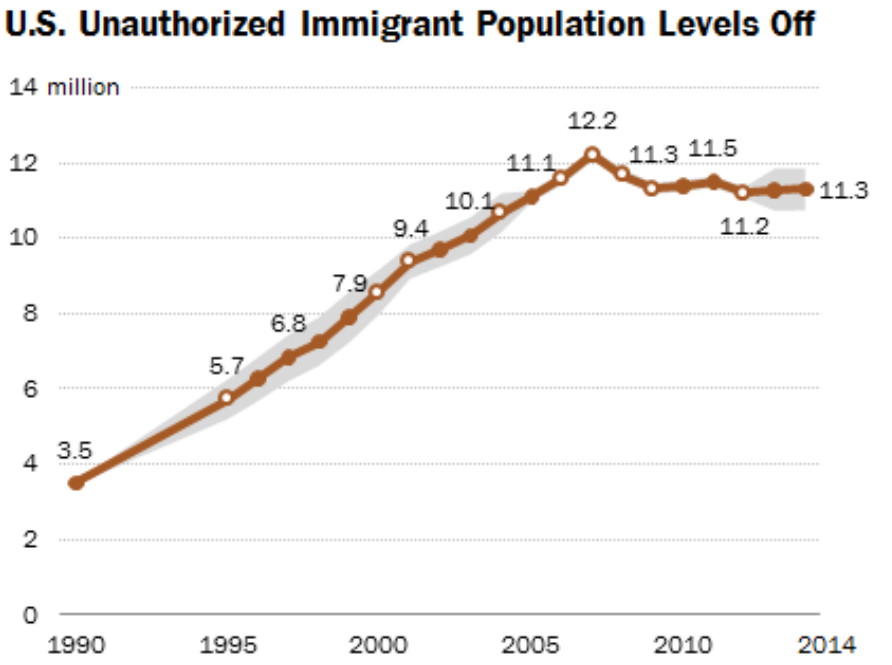
U.S. Census Bureau ACS 5-Year Summary Data, 2009-2013

Annual Shares of Recent Non-Citizen Immigrants to Texas by World Area of Birth, 2005-2013



Source: 1-Year ACS PUMS 2005-2013

U.S. Unauthorized Immigrant Population Levels Off



Note: Shading surrounding line indicates low and high points of the estimated 90% confidence interval. White data markers indicate the change from the previous year is statistically significant (for 1995, change is significant from 1990). Data labels are for 1990, odd years from 1995-2011, 2012, 2014.

Source: Pew Research Center estimates based on residual methodology applied to March supplements to the Current Population Survey (1995–2004, 2013-2014) and American Community Survey (2005–2012). Estimates for 1990 from Warren and Warren (2013).

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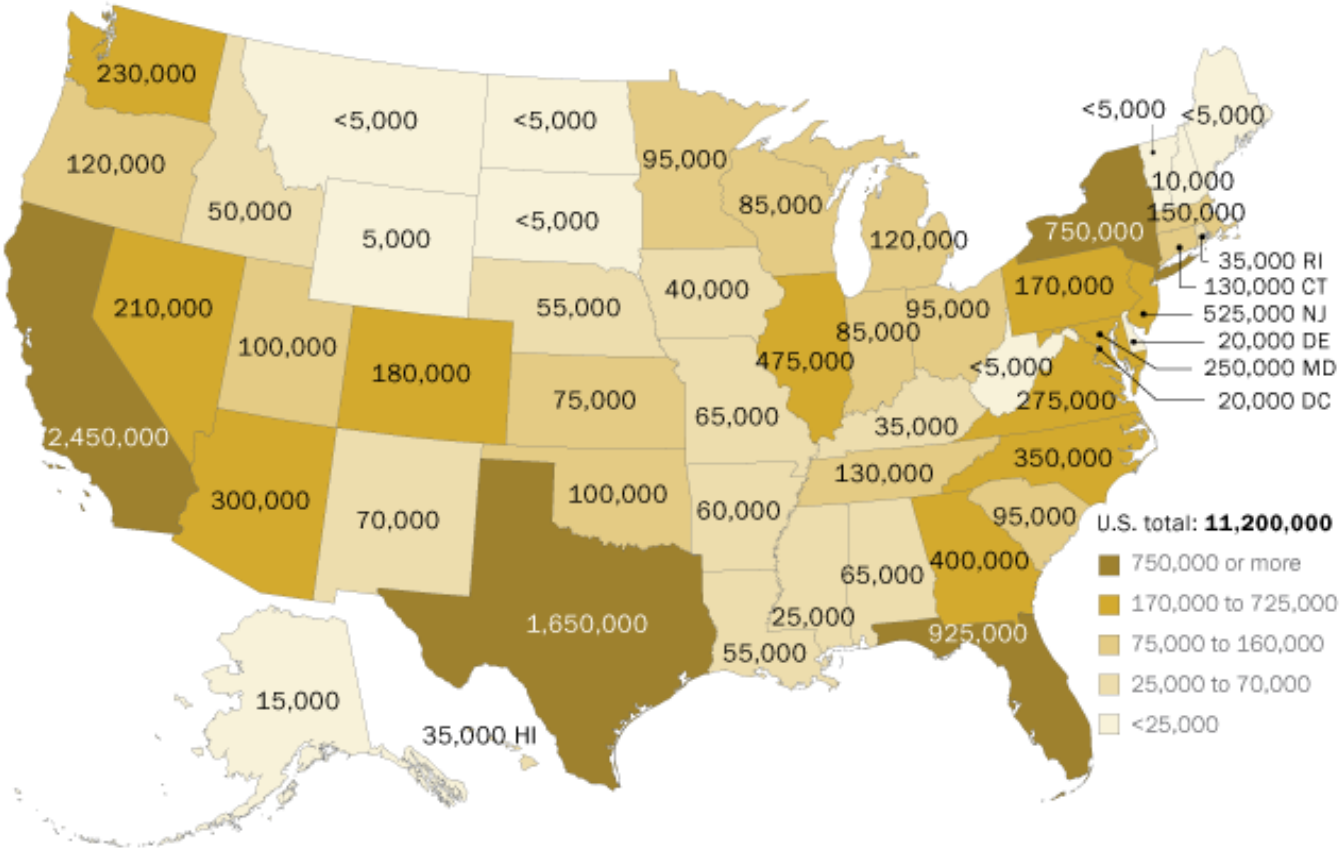
Unauthorized Immigrant Population, by State, 2012



Note: Population figures are rounded.

Source: Pew Research Center estimates for 2012 based on augmented American Community Survey data from Integrated Public Use Microdata Series (IPUMS)

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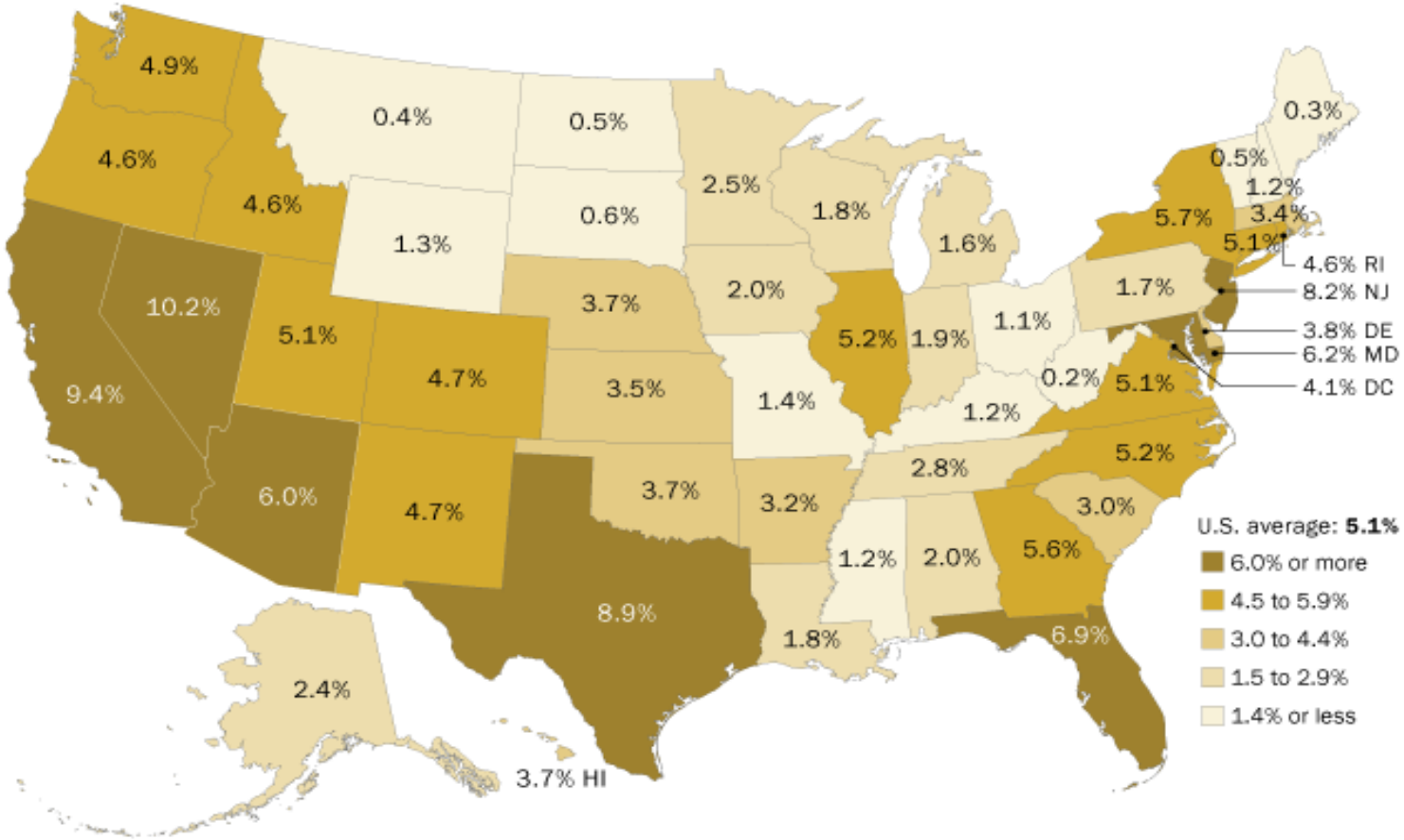
Unauthorized Immigrants as Share of Labor Force, by State, 2012



Note: Percentages calculated from unrounded numbers.

Source: Pew Research Center estimates for 2012 based on augmented American Community Survey data from Integrated Public Use Microdata Series (IPUMS)

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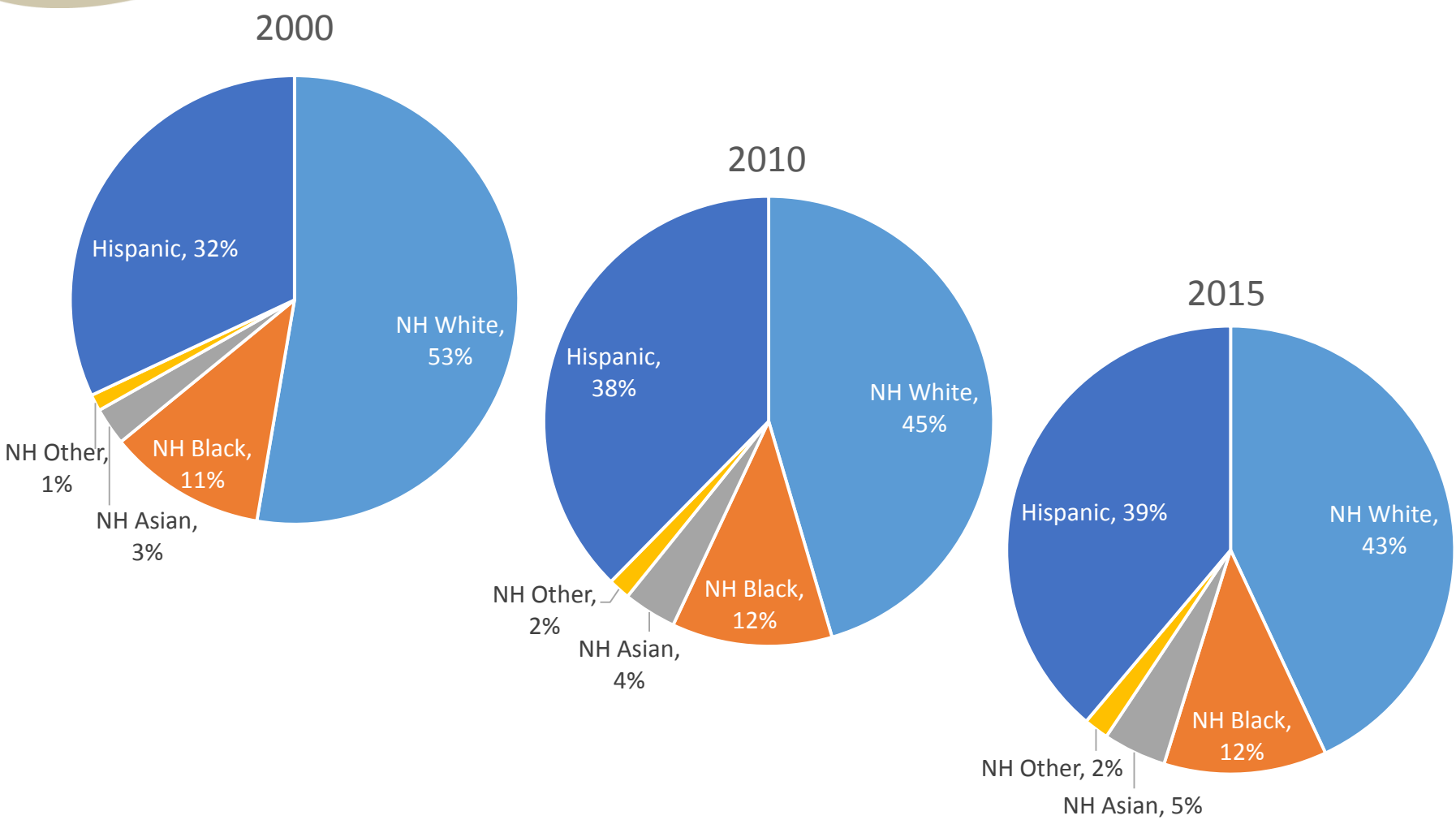
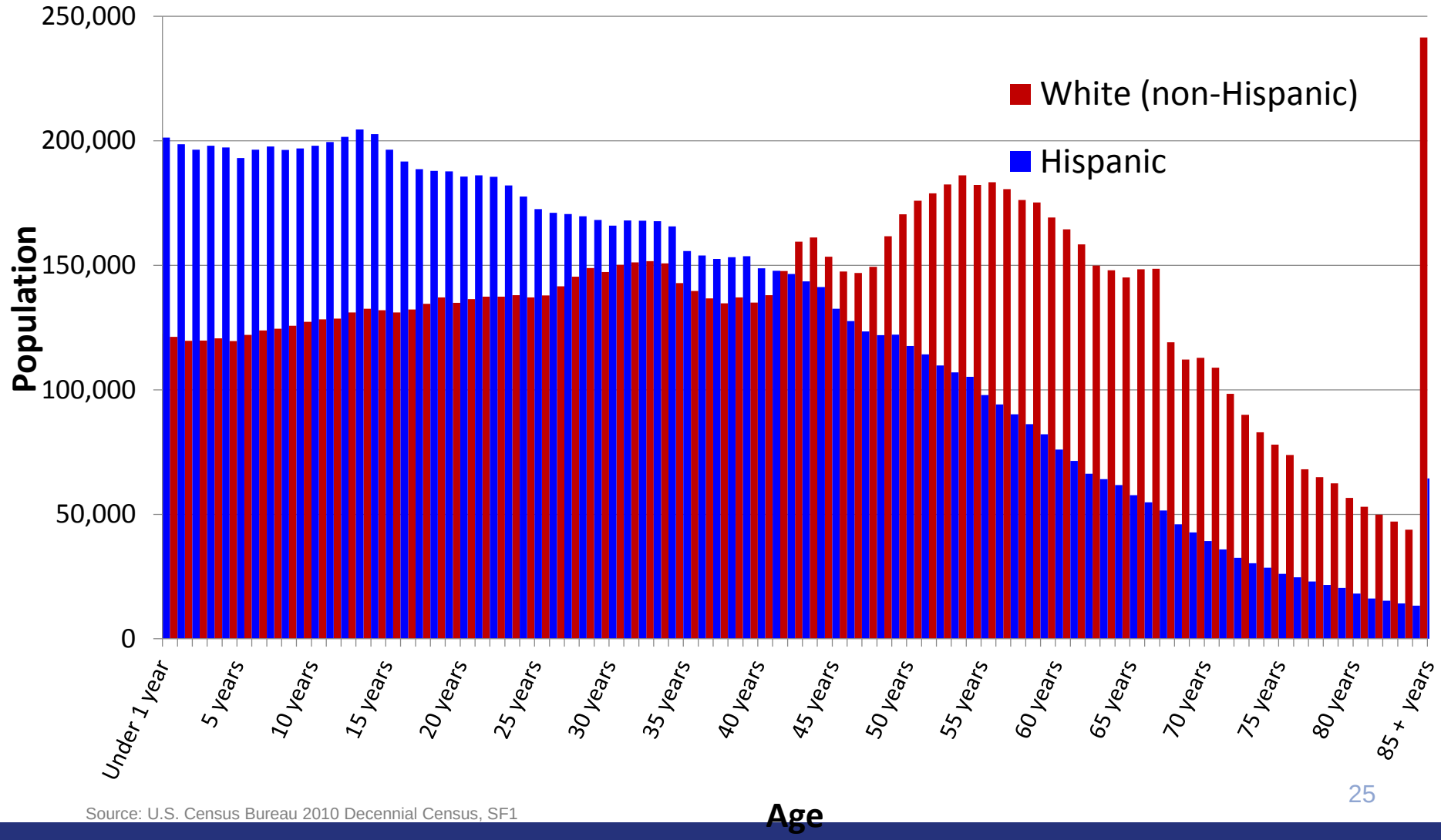
Texas Racial and Ethnic Composition, 2000, 2010, and 2015



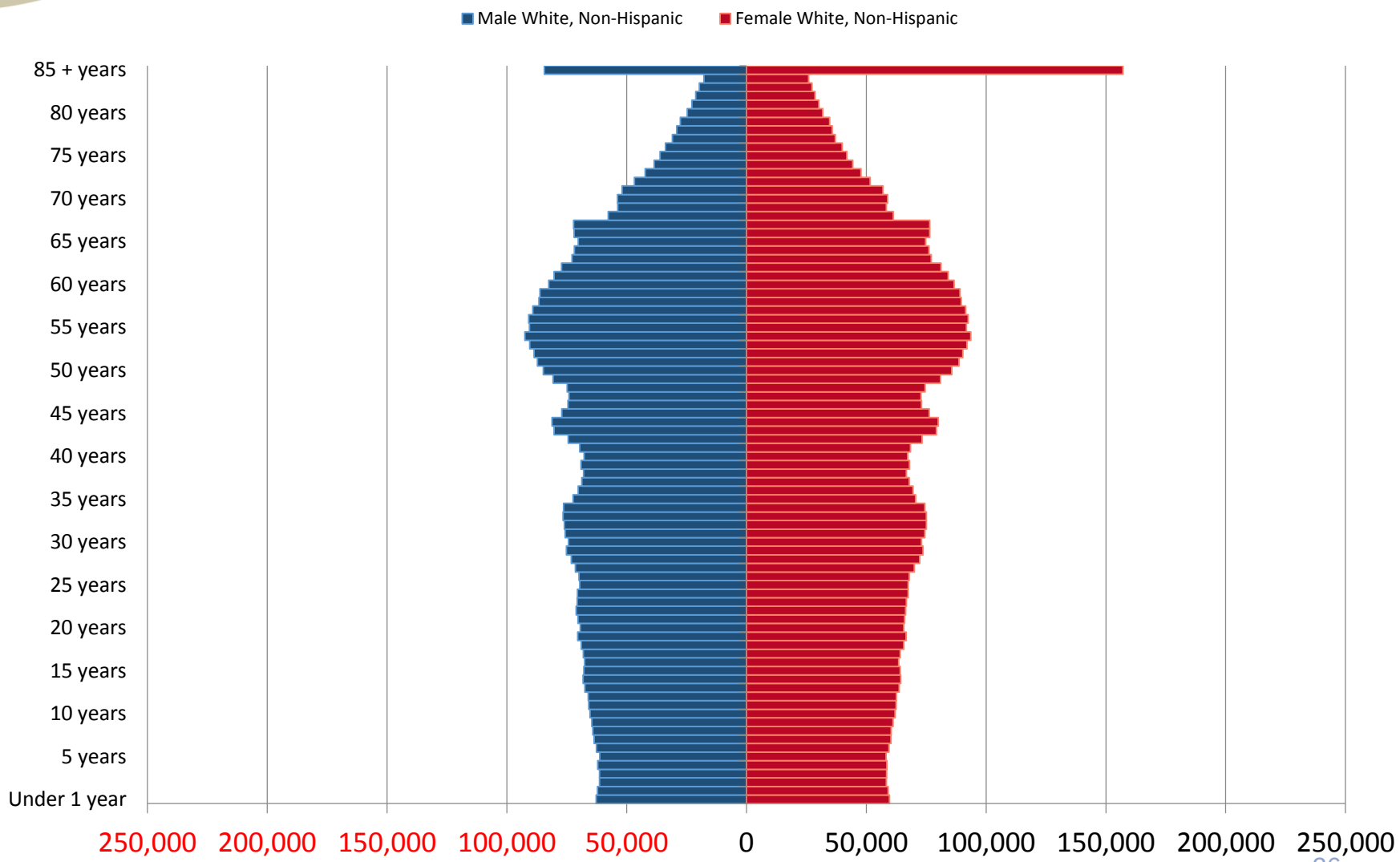
Source: U.S. Census Bureau. 2000, 2010 Decennial Census and 2015 Population Estimates

Texas White (non-Hispanic) and Hispanic Populations by Age, 2014



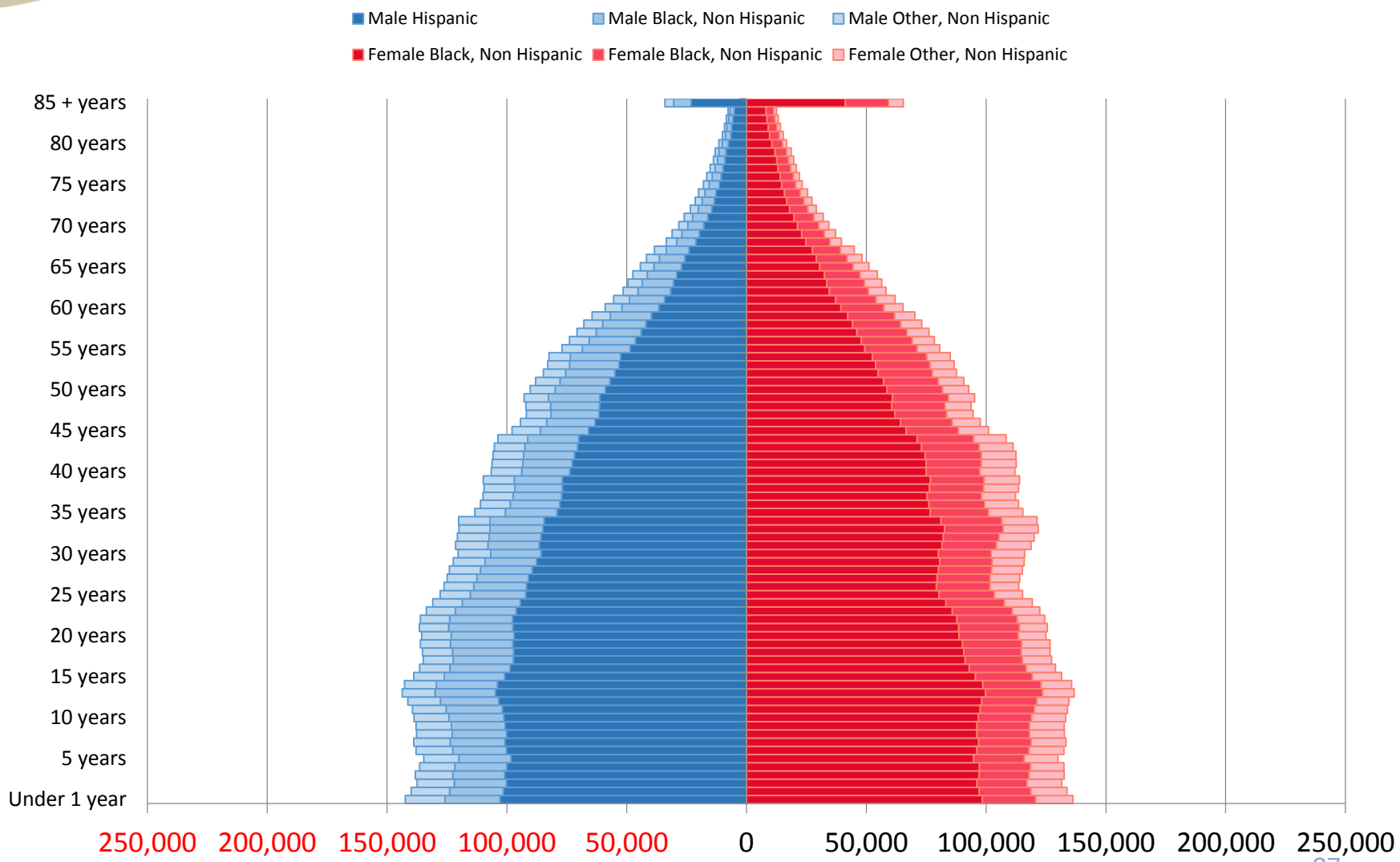
Source: U.S. Census Bureau 2010 Decennial Census, SF1

Texas Population Pyramid by Race/Ethnicity, 2014



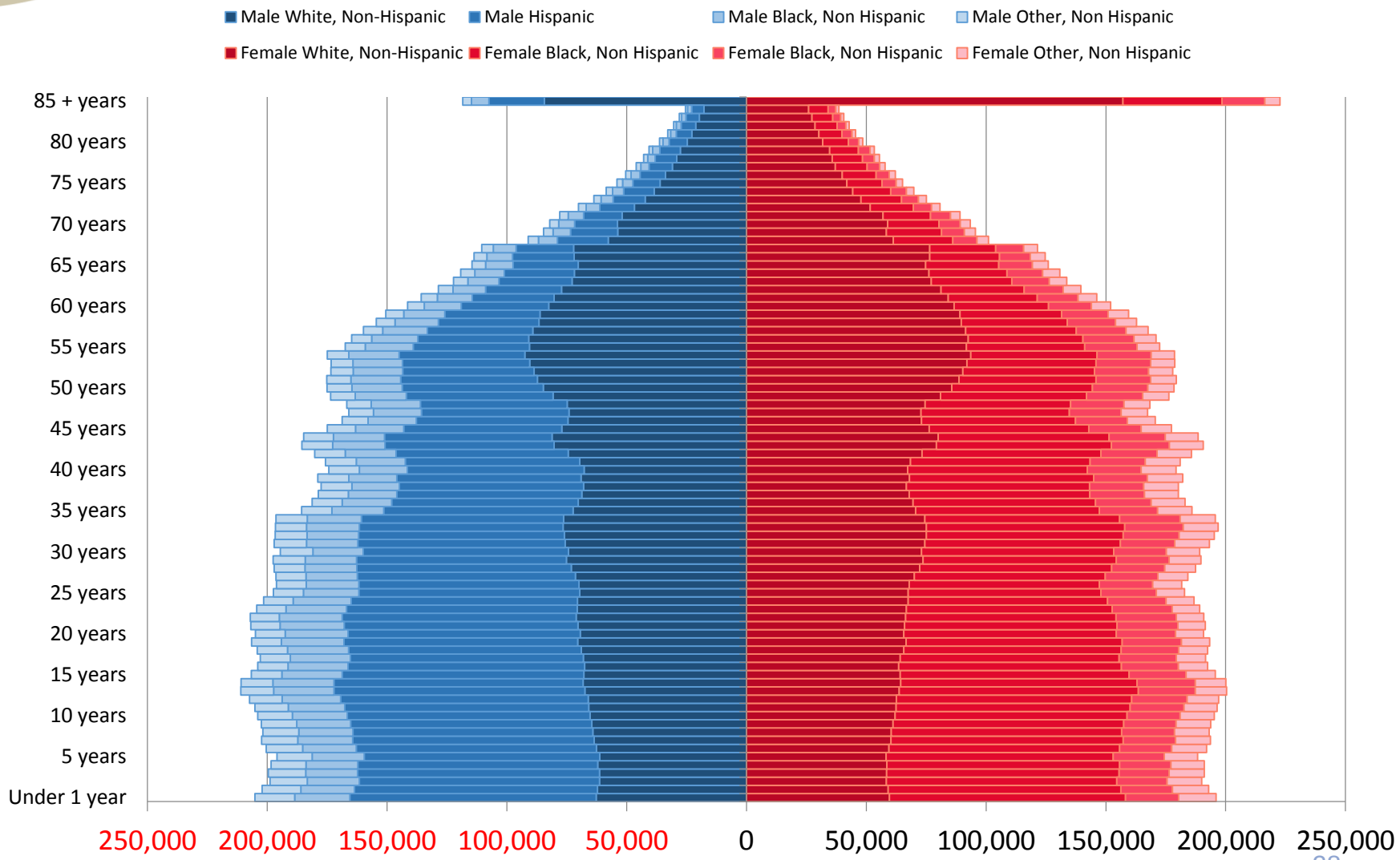
Source: Texas Demographic Center, 2014 Population Estimates

Texas Population Pyramid by Race/Ethnicity, 2014



Source: Texas Demographic Center, 2014 Population Estimates

Texas Population Pyramid by Race/Ethnicity, 2014



Source: Texas Demographic Center, 2014 Population Estimates

Percent of Population Below Poverty Threshold, Texas, 2010-2015

	Percent below poverty level		
	2010	2015	Difference
AGE			
Under 18 years	25.7%	23.0%	-2.7%
18 to 64 years	15.6%	13.8%	-1.8%
65 years and over	10.7%	10.3%	-0.4%

Source: U.S. Census Bureau, American Community Survey, 2010 and 2015 1 Year Samples

Percent of Population Below Poverty Threshold, Texas, 2010-2015

	Percent below poverty level		
	2010	2015	Difference
Race Alone			
Black or African American	24.8%	21.4%	-3.4%
Asian	12.6%	10.6%	-2.0%
Hispanic or Latino origin (of any race)	26.8%	22.8%	-4.0%
White alone, not Hispanic or Latino	9.3%	8.6%	-0.7%

Source: U.S. Census Bureau, American Community Survey, 2010 and 2015 1 Year Samples

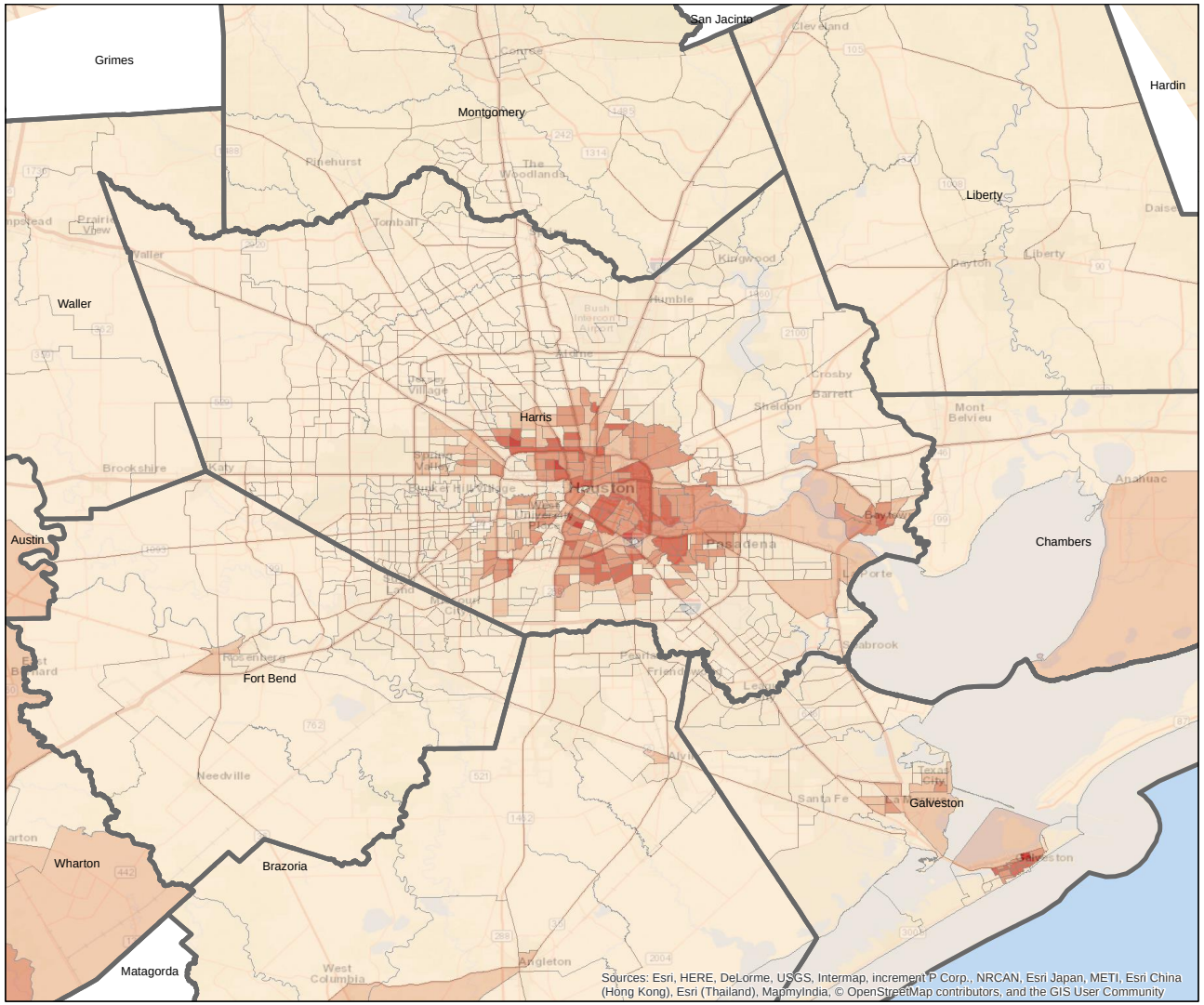
Percent of Population Below Poverty Threshold, Texas, 2010-2015

	Percent below poverty level		
	2010	2015	Difference
EDUCATIONAL ATTAINMENT			
Population 25 years and over	13.1%	12.0%	-1.1%
Less than high school graduate	29.1%	26.2%	-2.9%
High school graduate (includes equivalency)	14.7%	14.2%	-0.5%
Some college, associate's degree	9.5%	9.4%	-0.1%
Bachelor's degree or higher	3.9%	4.1%	0.2%

Source: U.S. Census Bureau, American Community Survey, 2010 and 2015 1 Year Samples

Percent of Housing Units Built Before 1960, Census Tracts, Houston Area, Texas, 2009-2013

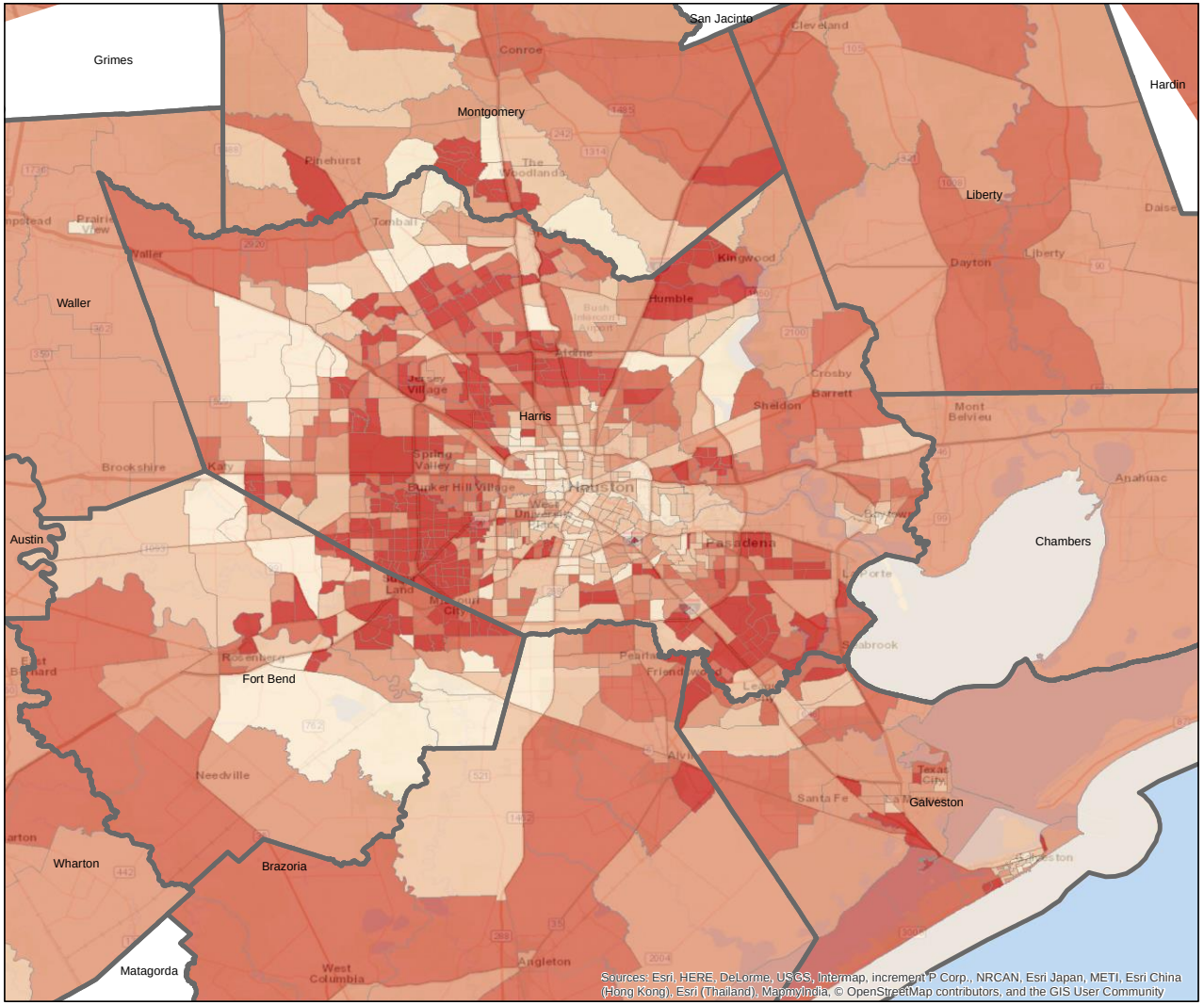
- 0% - 25%
- 25.1% - 45%
- 45.1% - 65%
- 65.1% - 80%
- 80.1% - 100%



Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

Percent of Housing Units Built Between 1960 and 1999, Census Tracts, Houston Area, Texas, 2009-2013

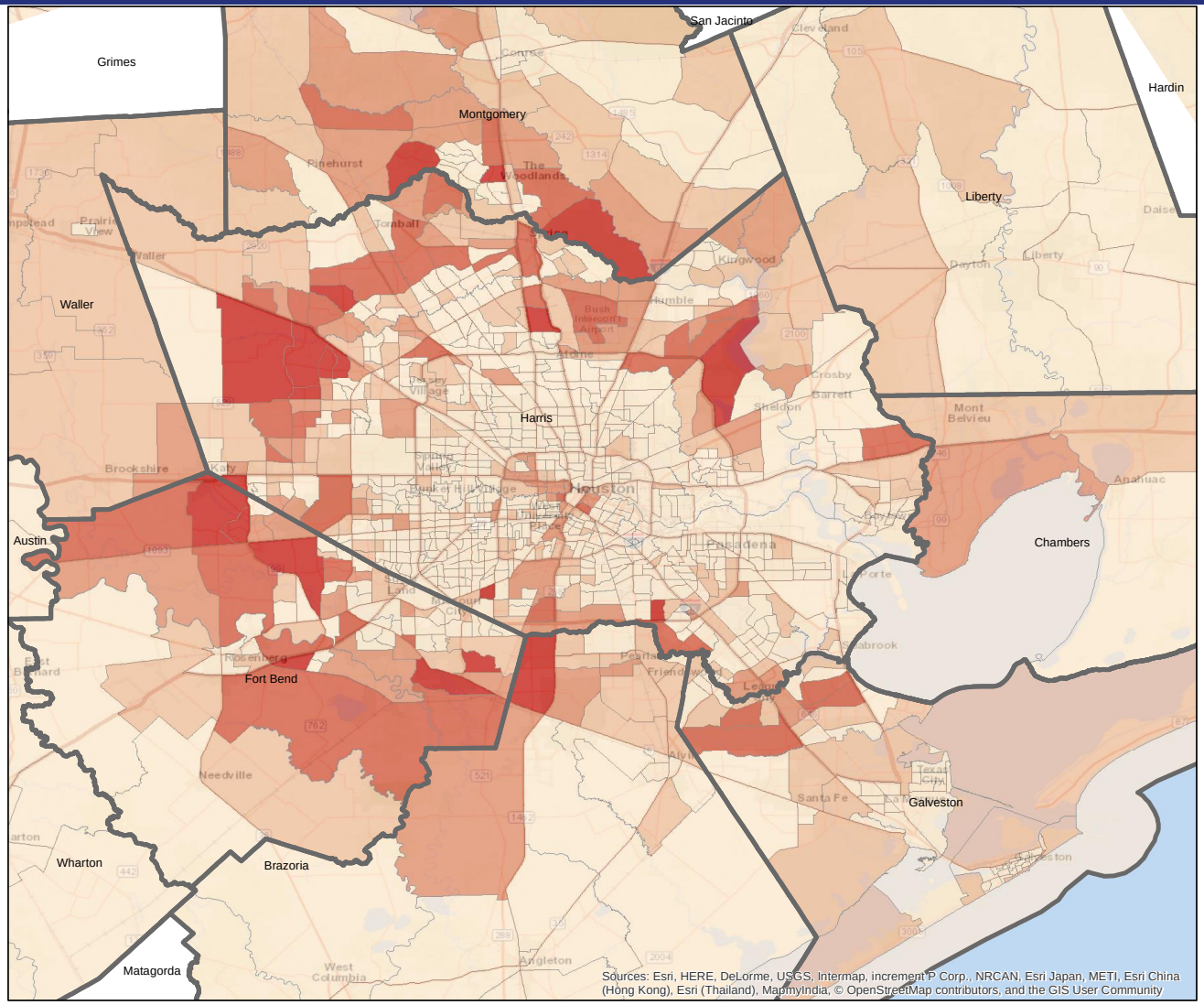
- 0% - 25%
- 25.1% - 45%
- 45.1% - 65%
- 65.1% - 80%
- 80.1% - 100%



Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

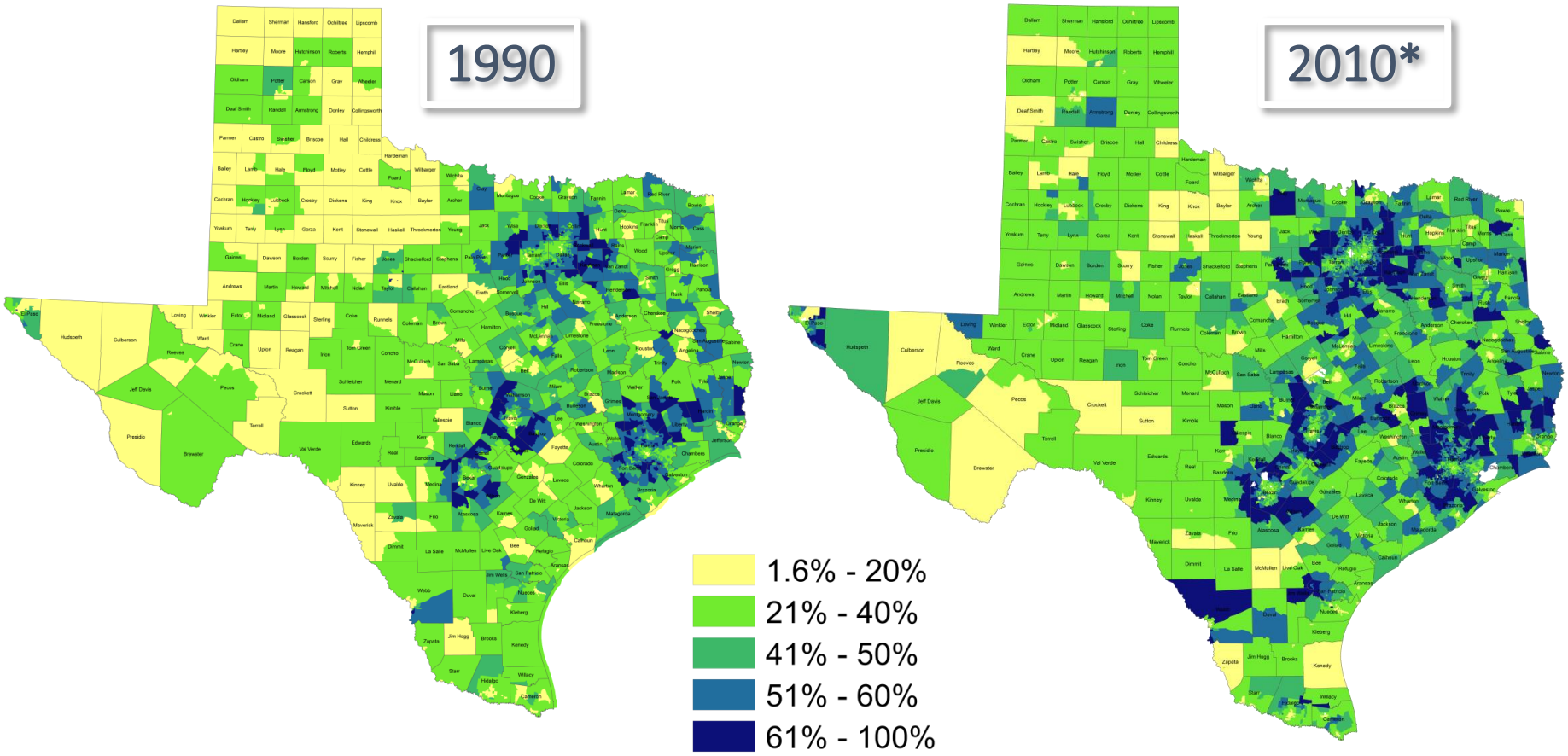
Percent of Housing Units Built After 1999, Census Tracts, Houston Area, Texas, 2009-2013

- 0% - 25%
- 25.1% - 45%
- 45.1% - 65%
- 65.1% - 80%
- 80.1% - 100%



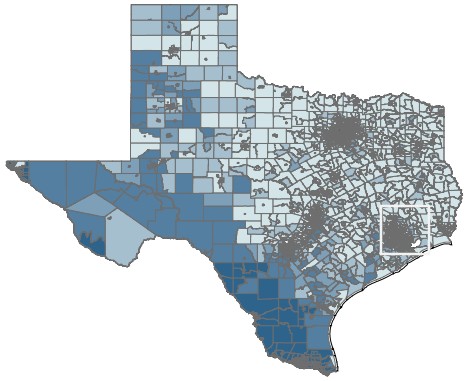
Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

Percentage of Population with Drive Times Longer than 25 Minutes, Texas Census Tracts, 1990 and 2010*

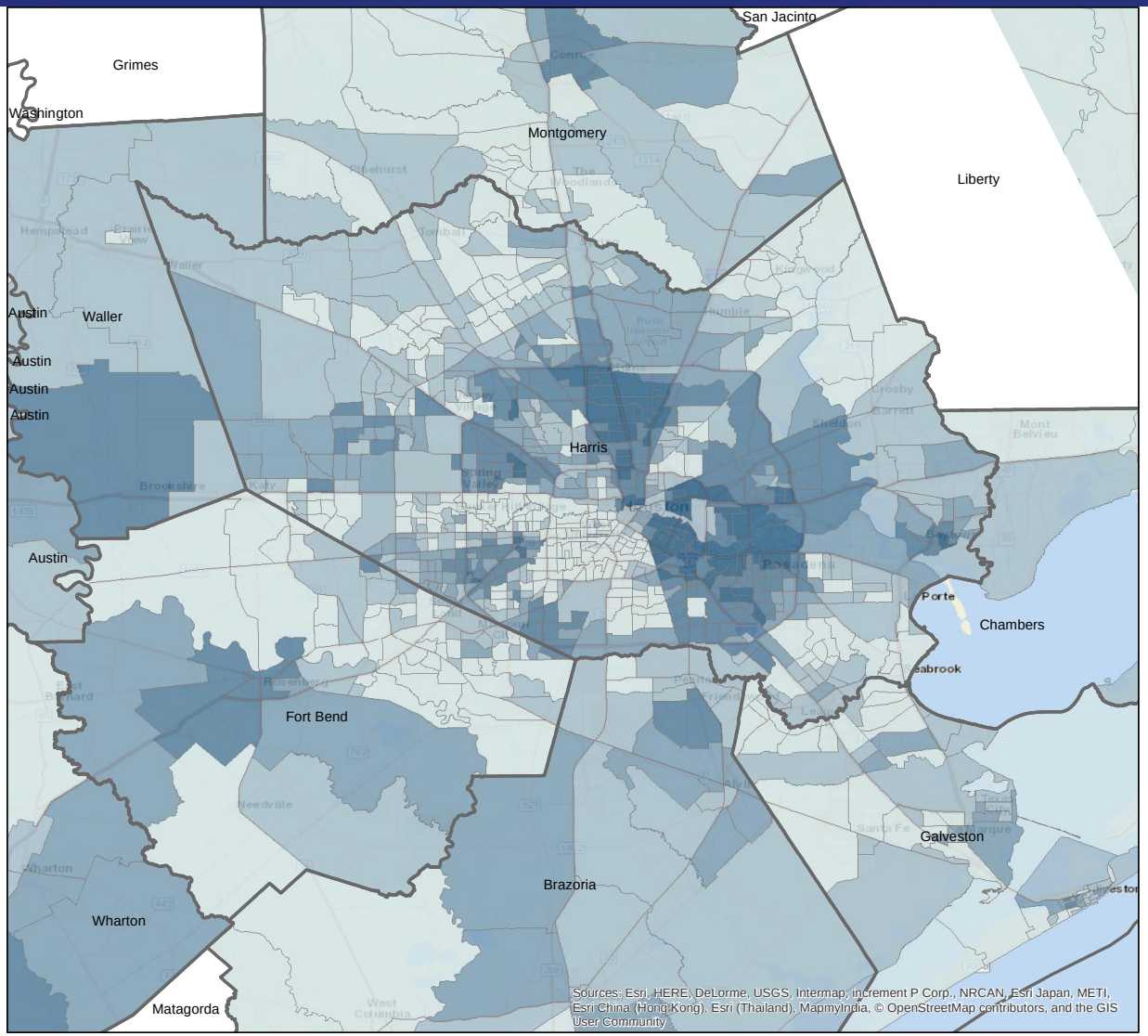


Source: U.S. Census Bureau, 1990 decennial census and *American Community Survey, 2008-2012 5 Year Sample.

Percent of population that is of Hispanic descent, Census Tracts, Houston Area, Texas, 2009-2013



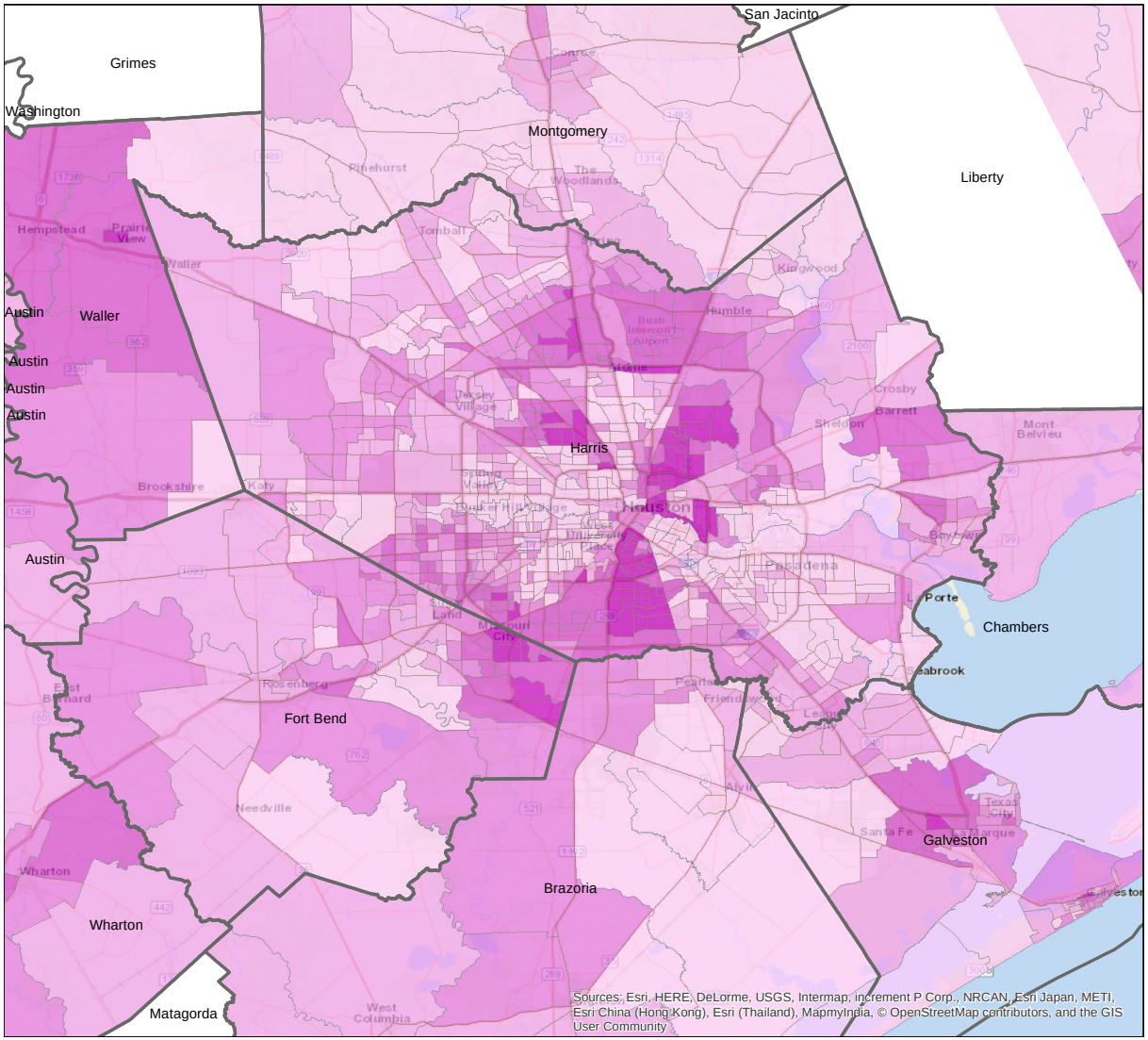
- 0% - 20%
- 20.1% - 35%
- 35.1% - 50%
- 50.1% - 80%
- 80.1% - 100%



Source: U.S. Census Bureau, American Community Survey, 2009-2013 5 Year Sample

Percent of the population that is Black/African American, Census Tracts, Houston Area, Texas, 2009-2013

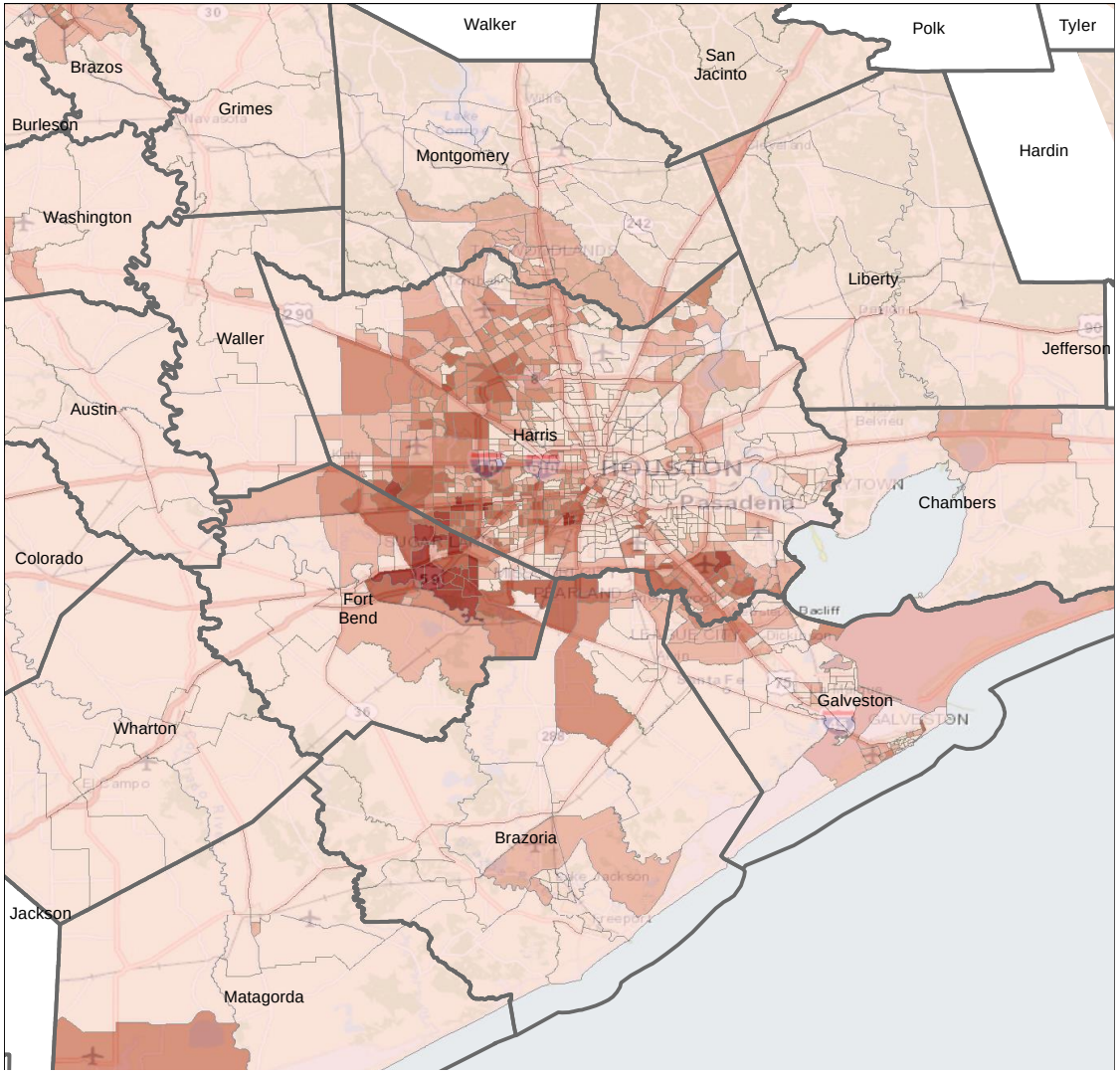
- 0% - 5%
- 5.1% - 15%
- 15.1% - 30%
- 30.1% - 60%
- 60.1% - 99.3%



Source: U.S. Census Bureau, American Community Survey, 5 Year Sample 2009-2013.

Percent of the population that is Asian, Census Tracts, Houston Area, Texas, 2009-2013

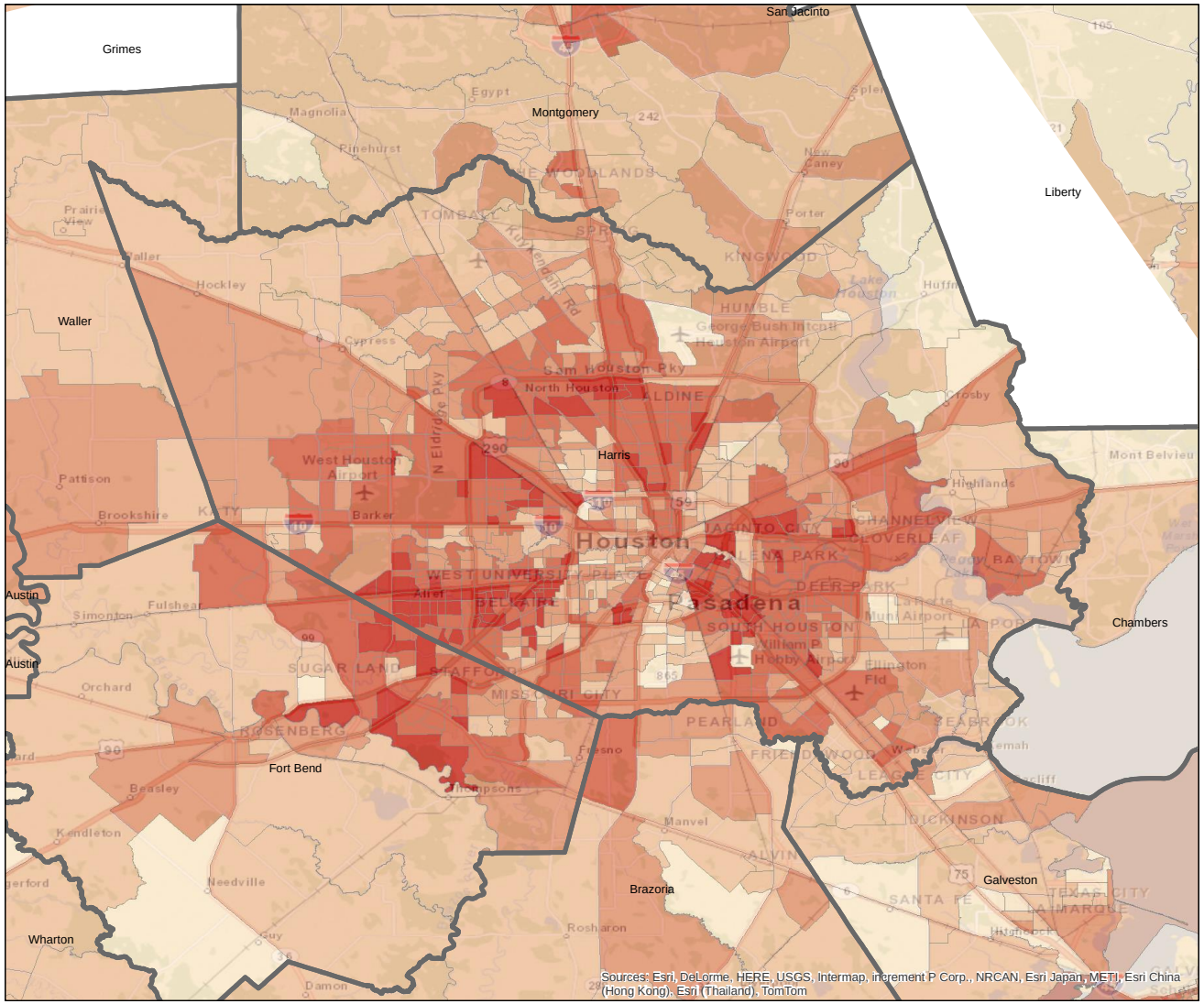
- 0% - 2.5%
- 2.6% - 7.5%
- 7.6% - 15%
- 15.1% - 30%
- 30.1% - 70.2%



Source: U.S. Census Bureau, American Community Survey, 5 Year Sample 2009-2013.

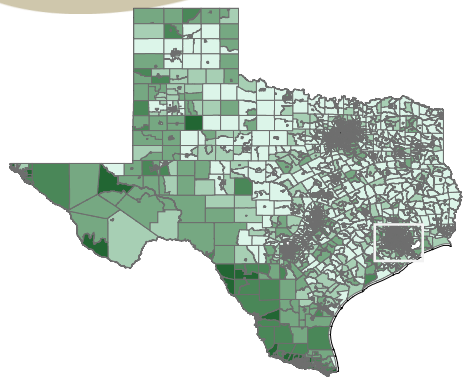
Percent of the population that is foreign born, Census Tracts, Houston Area, Texas, 2009 -2013

- 0% - 5%
- 5.1% - 15%
- 15.1% - 25%
- 25.1% - 40%
- 40.1% - 73.1%

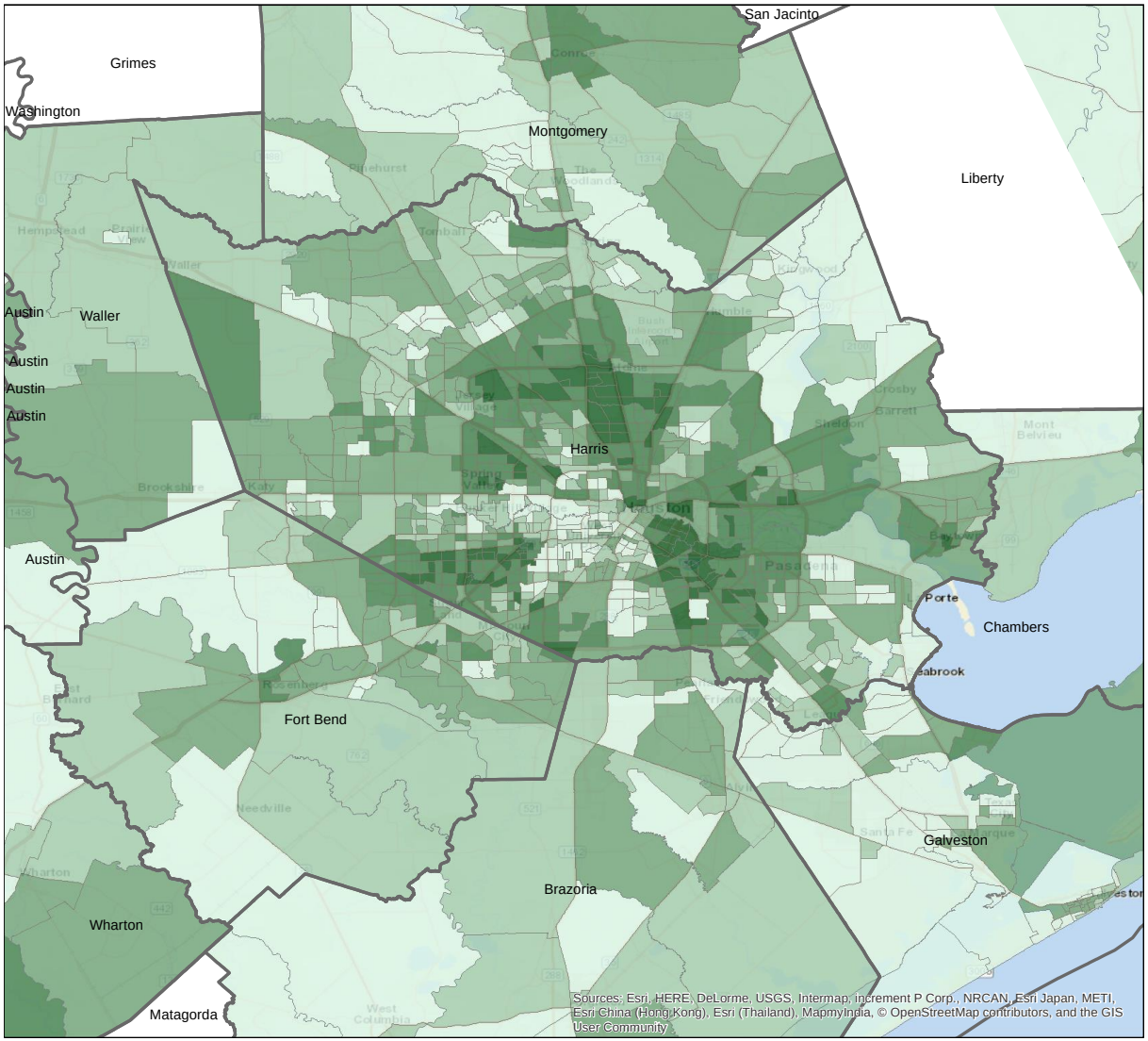


Source: U.S. Census Bureau, American Community Survey, 5 Year Sample 2009-2013.

Percent of population speaking a language other than English at home and speak English less than very well, Census Tracts, Houston Area, Texas, 2009-2013

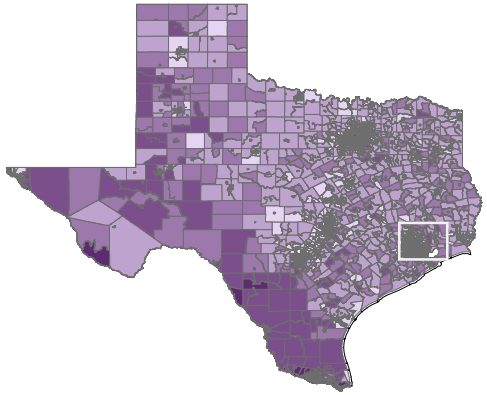


- 0% - 5%
- 5.1% - 10%
- 10.1% - 20%
- 20.1% - 40%
- 40.1% - 77.9%

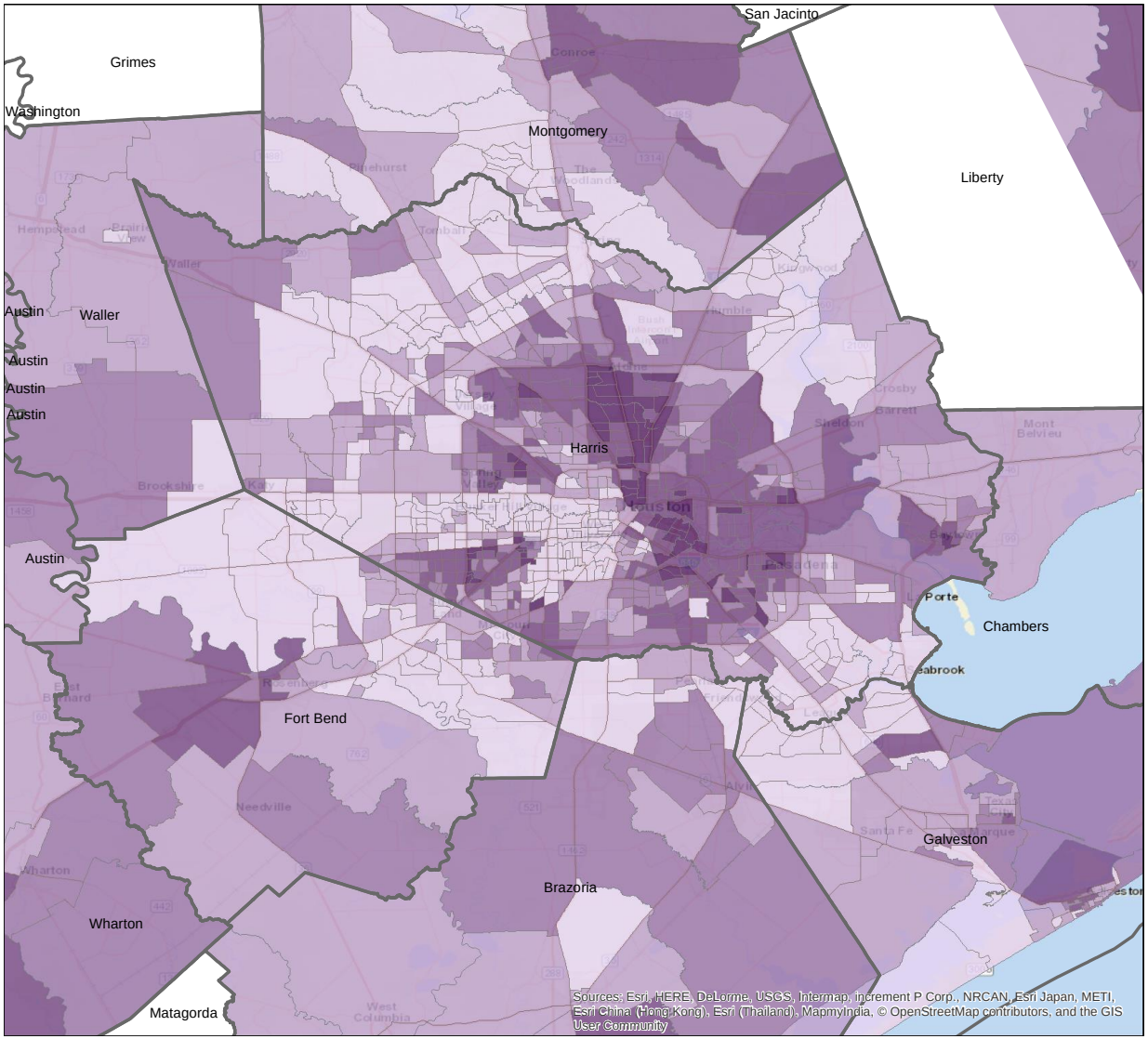


Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

Percent of population 25 years and older without a high school degree, Census Tracts, Houston Area, Texas 2009-2013



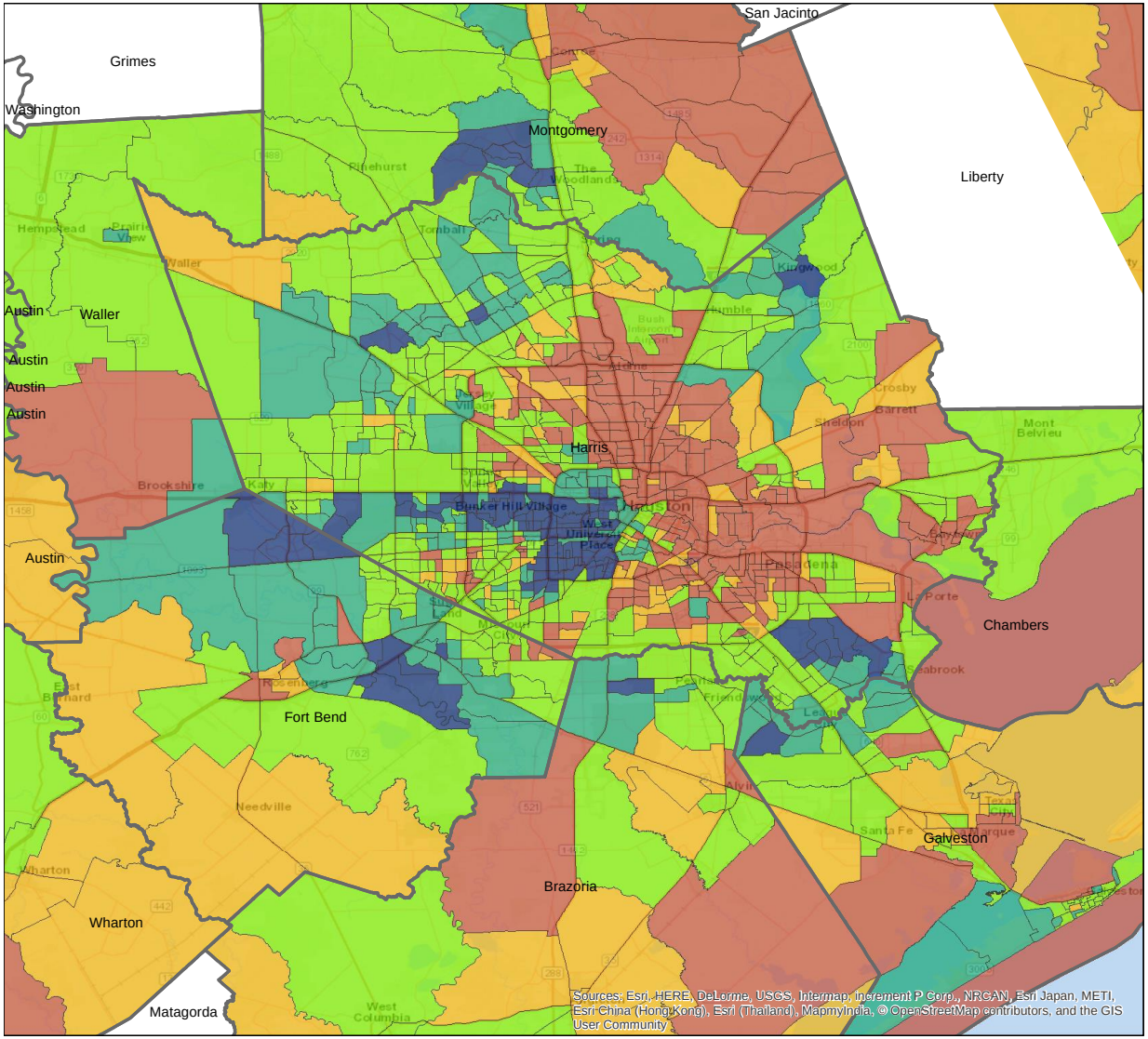
- 0% - 10%
- 10.1% - 20%
- 20.1% - 30%
- 30.1% - 50%
- 50.1% - 80%



Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

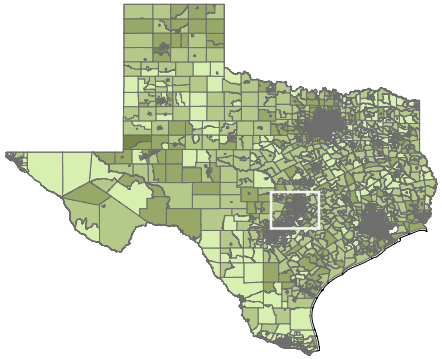
Percent of Persons Aged 25 Years and Older with Bachelor's Degree or Higher, census tracts, Houston Area, Texas 2009-2013

- 0% - 10%
- 10.1% - 15%
- 15.1% - 40%
- 40.1% - 60%
- 60.1% - 92.2%

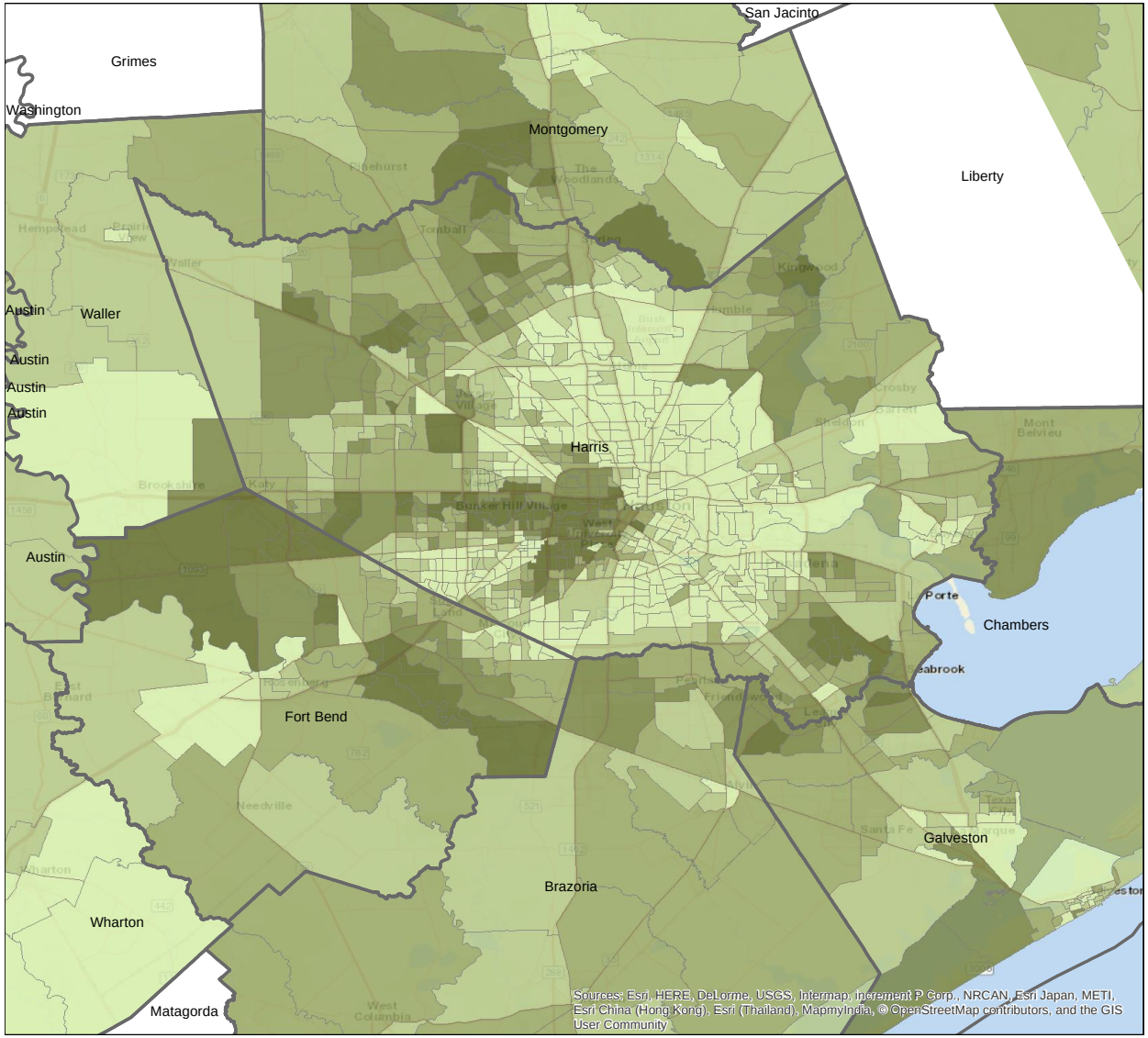


Source: U.S. Census Bureau, American Community Survey, 5 Year Sample 2009-2013.

Percent of population earning $75,000 per year or more, Census Tracts, Houston Area, Texas, 2009-2013



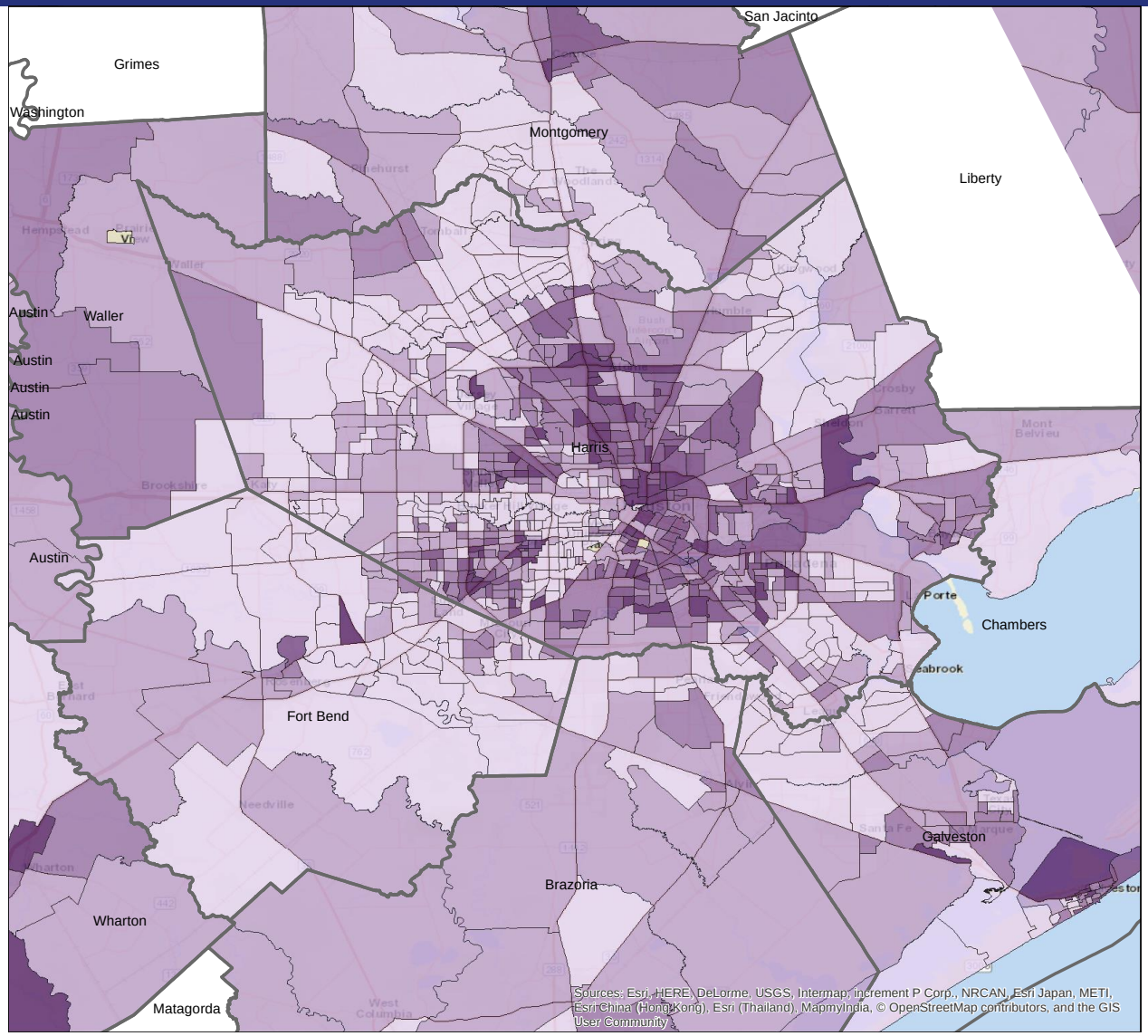
- 0% - 5%
- 5.1% - 10%
- 10.1% - 20%
- 20.1% - 30%
- 30.1% - 55.5%



Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

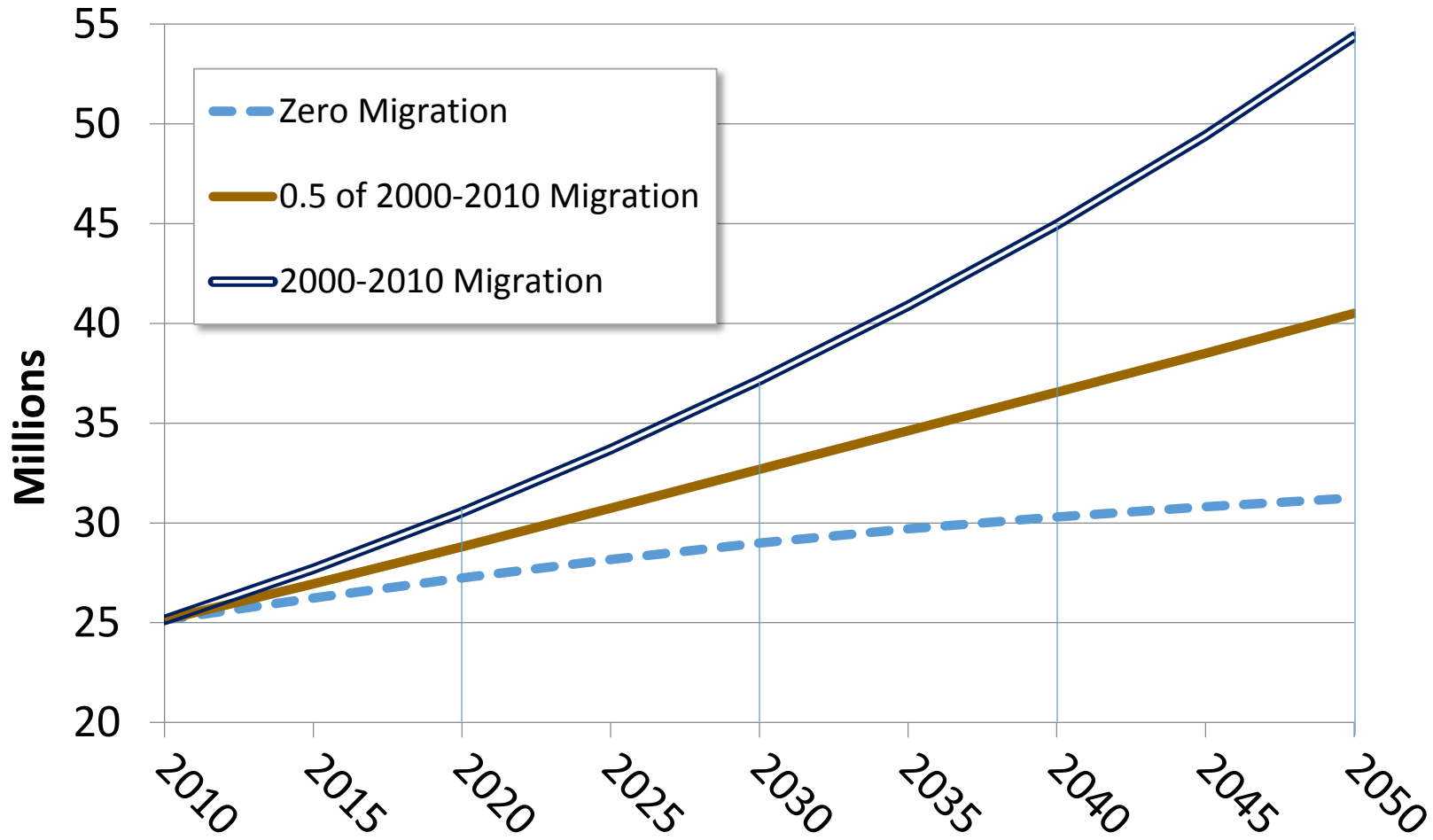
Percent of population living below poverty, Census Tracts, Houston Area, Texas, 2009-2013

- 0% - 10%
- 10.1% - 20%
- 20.1% - 30%
- 30.1% - 40%
- 40.1% - 91.5%



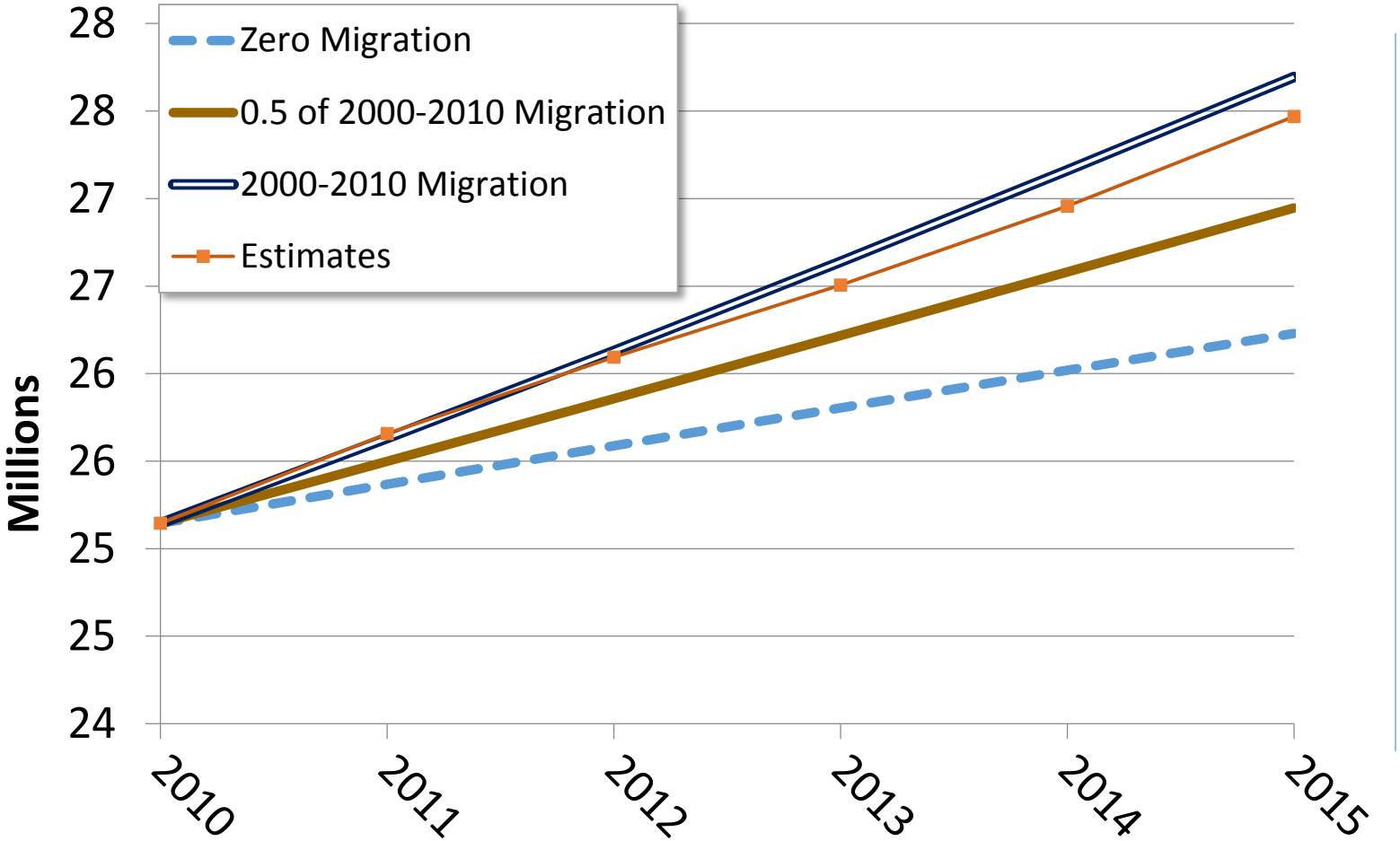
Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

Projected Population Growth in Texas, 2010-2050



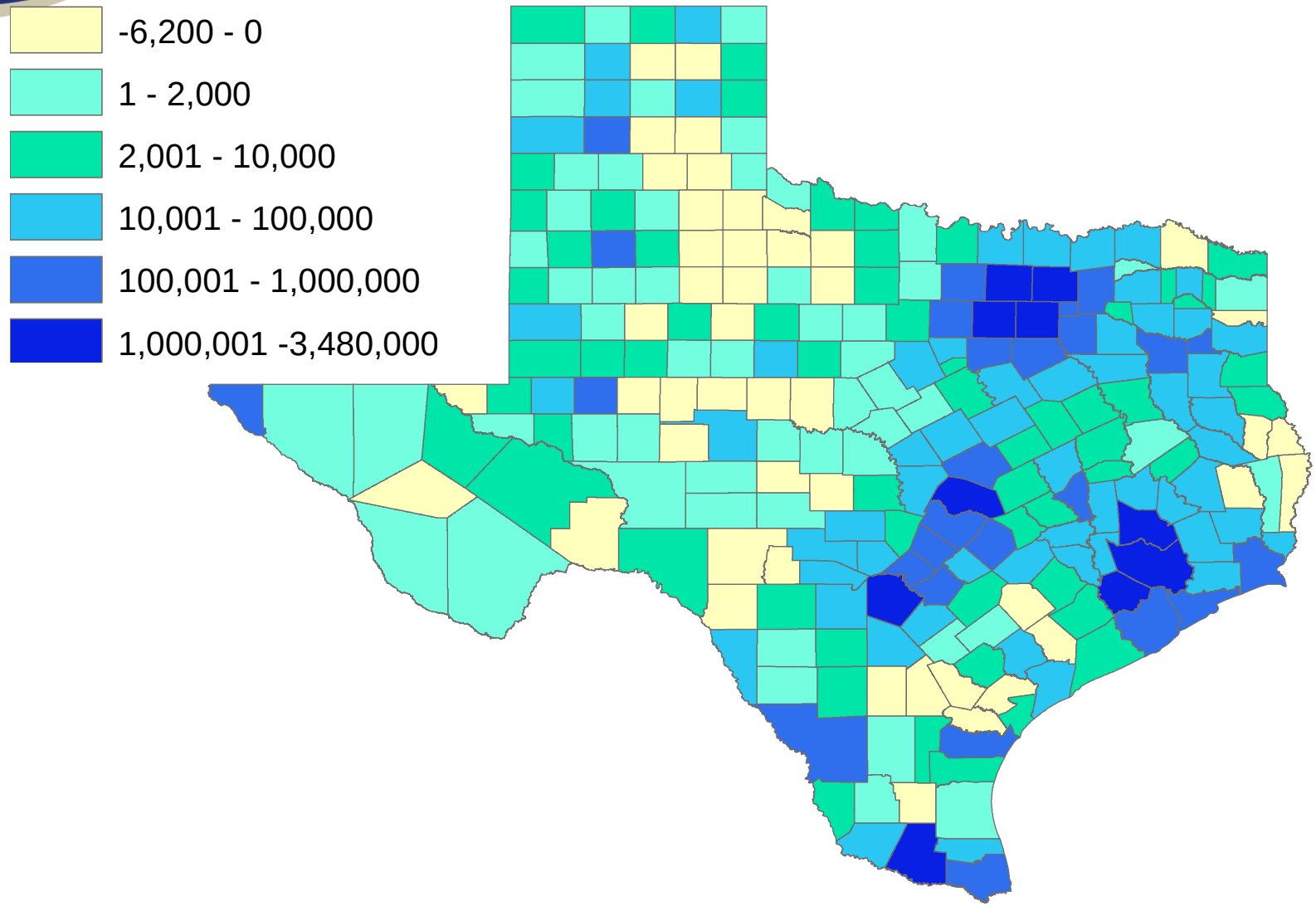
Source: Texas State Data Center 2014 Population Projections

Projected and Estimated Population Growth in Texas, 2010-2015



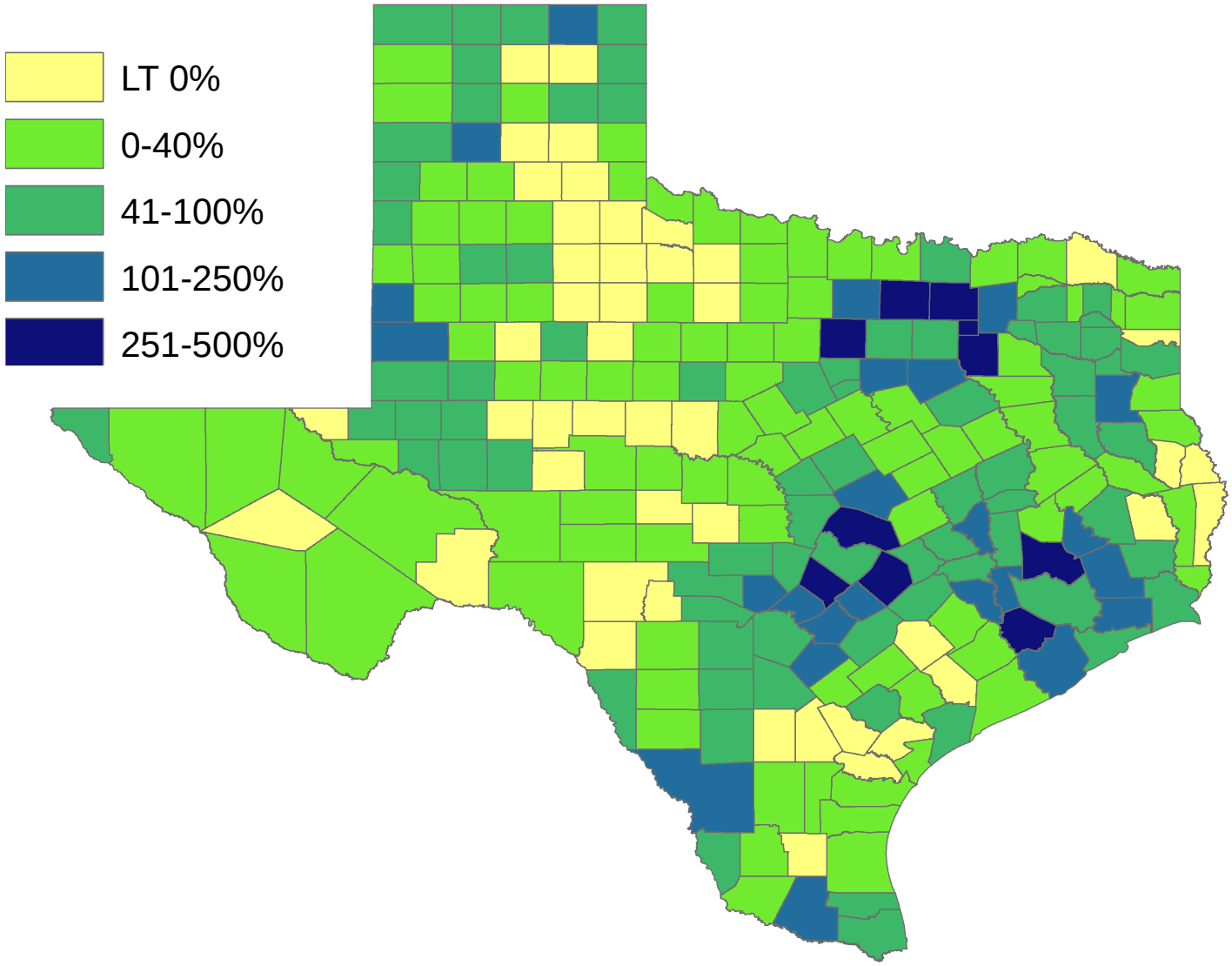
Source: Texas State Data Center 2014 Population Projections and U.S. Census Bureau Population Estimates

Projected Population Change, Texas Counties, 2010-2050



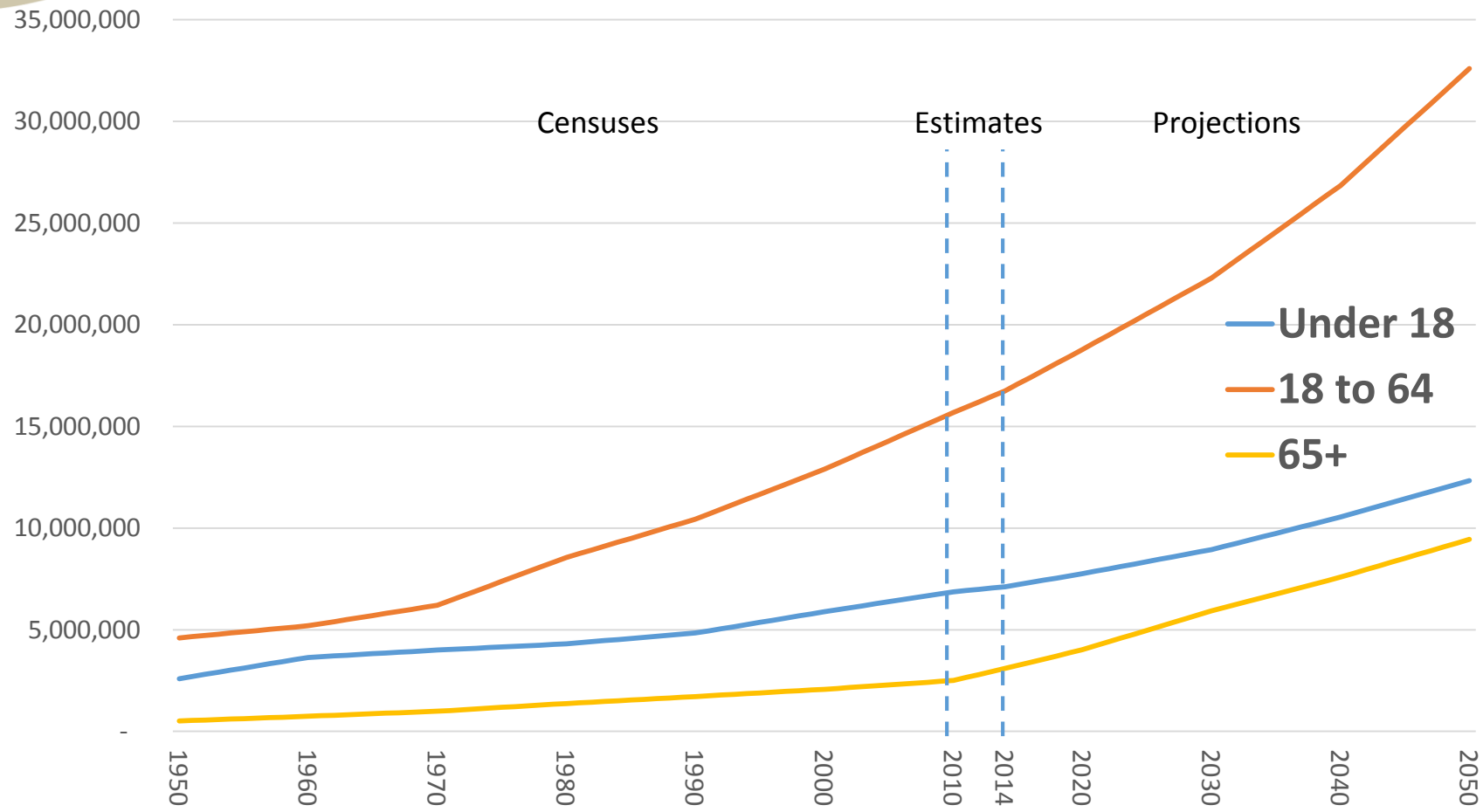
Source: Texas State Data Center 2012 Population Projections . 2000-2010 Migration Scenario

Projected Percent Population Change, Texas Counties, 2010-2050



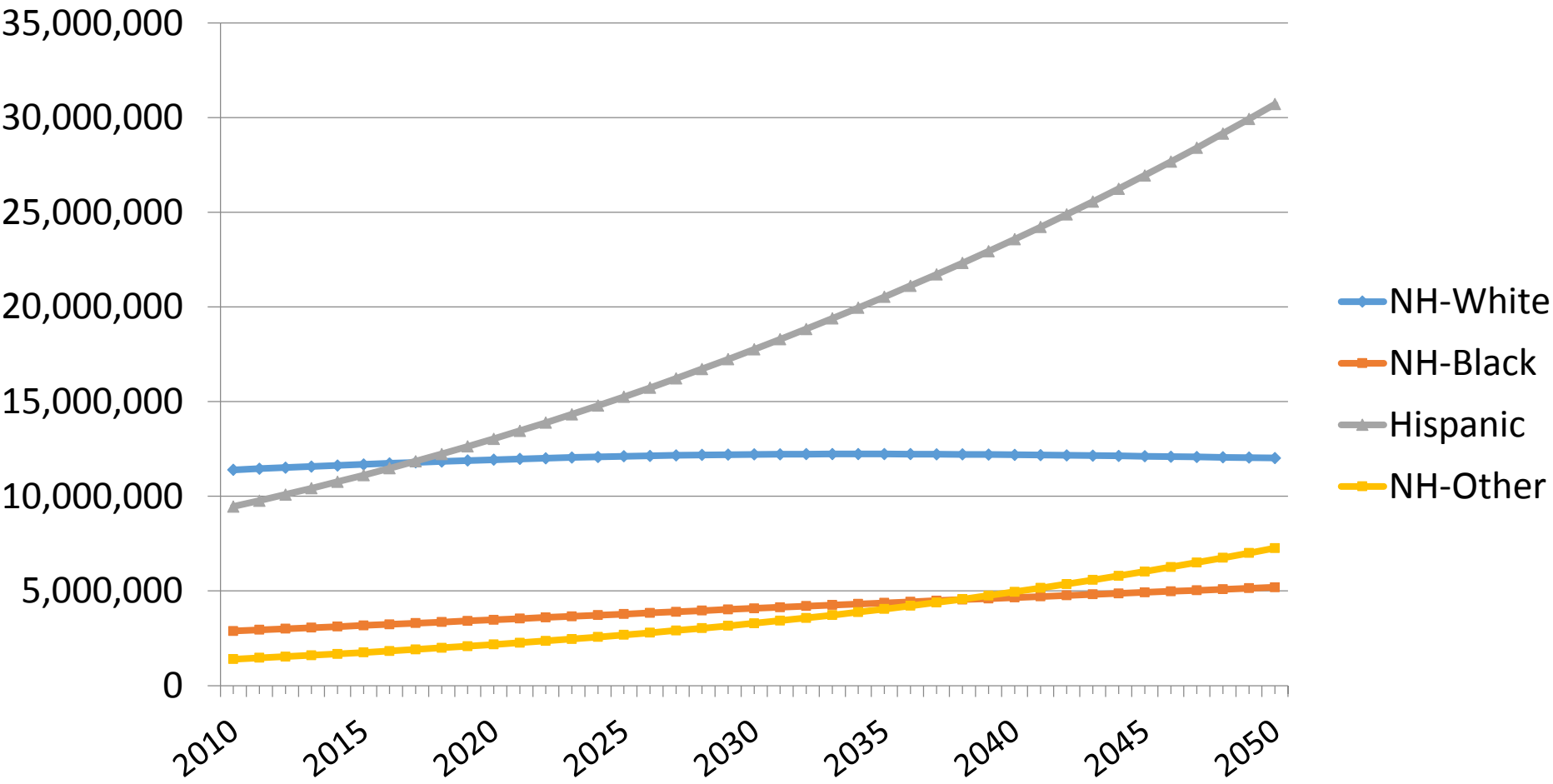
Source: Texas State Data Center 2012 Population Projections . 2000-2010 Migration Scenario

Population Change by Age Group, Texas, 1950-2050



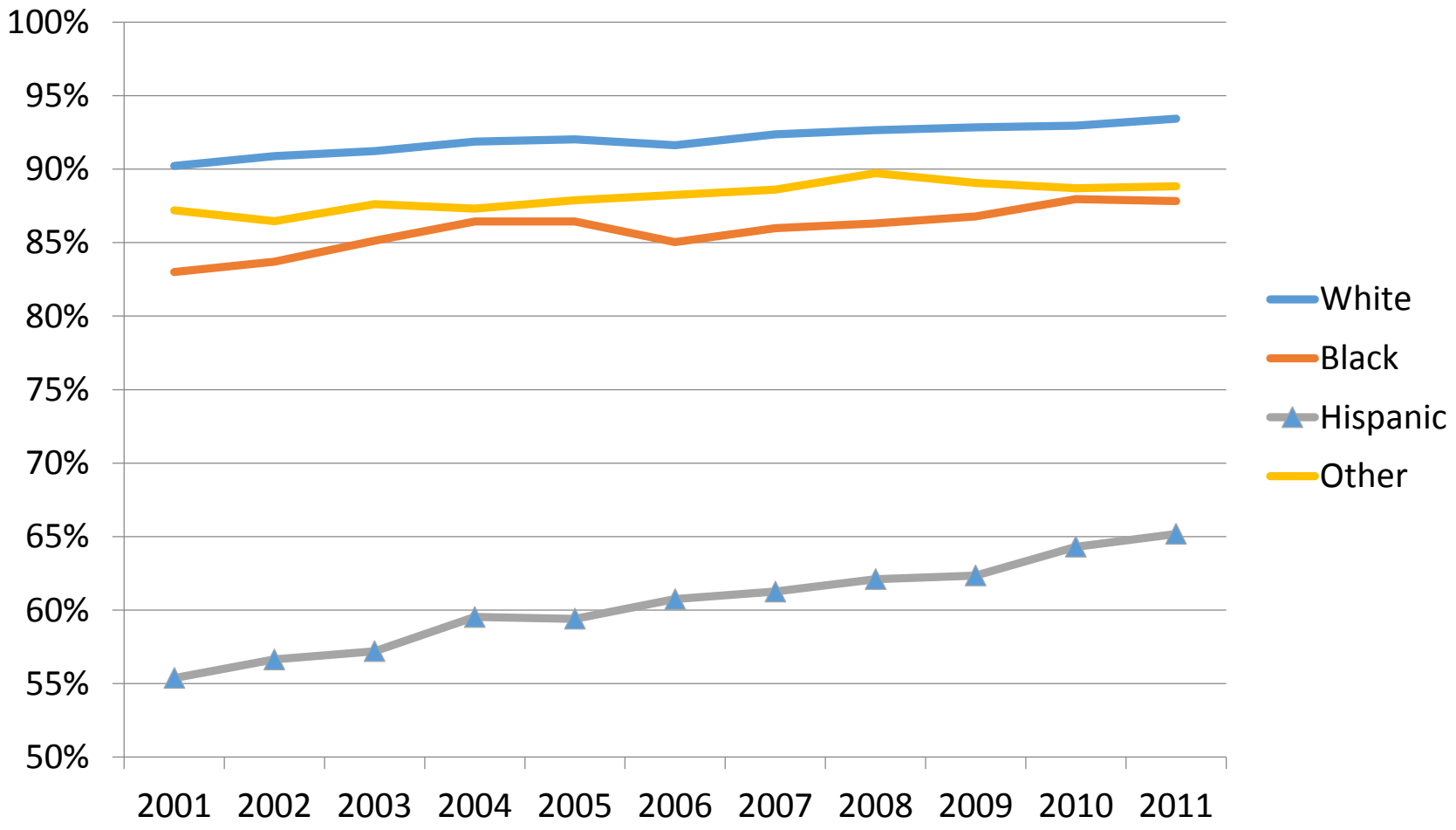
Source: US Census Bureau, 1950-2010 Censuses
US Census Bureau, State Population Estimates
Texas State Data Center, 2014 Population Projections, 1.0 Migration Scenario

Projected Racial and Ethnic Percent, Texas, 2010-2050



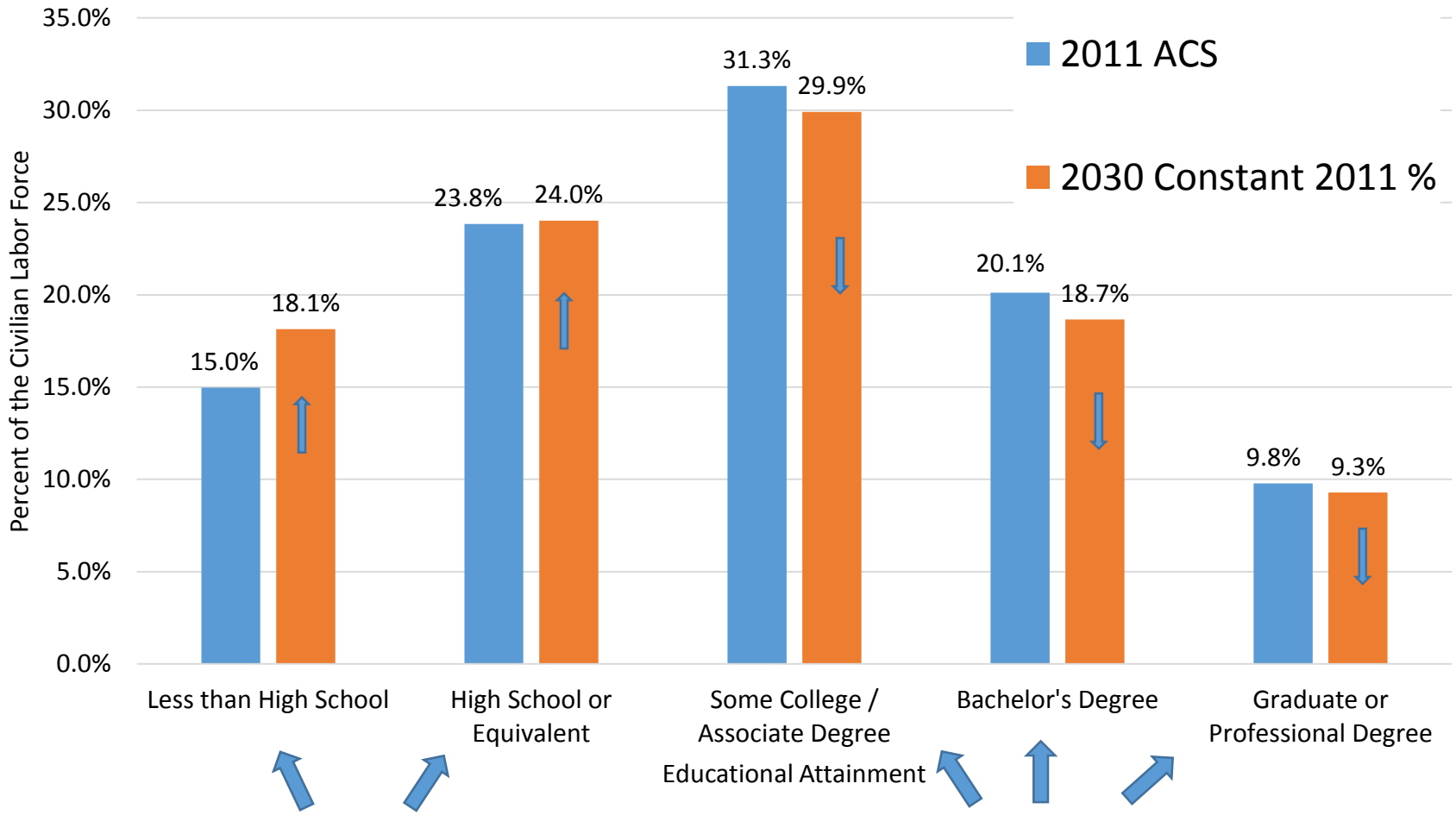
Source: Texas State Data Center 2012 Population Projections , 2000-2010 Migration Scenario

Trends in Educational Attainment of Persons in the Labor Force (25-64 Years of Age) in Texas by Race/Ethnicity – High School Graduates and Above



Source: U.S. Census Bureau, American Community Survey, Public Use Micro Sample, 2001-2011

Percent of the Civilian Labor Force (ages 25-64) by Educational Attainment for 2011, 2030 Using Constant Rates, Texas

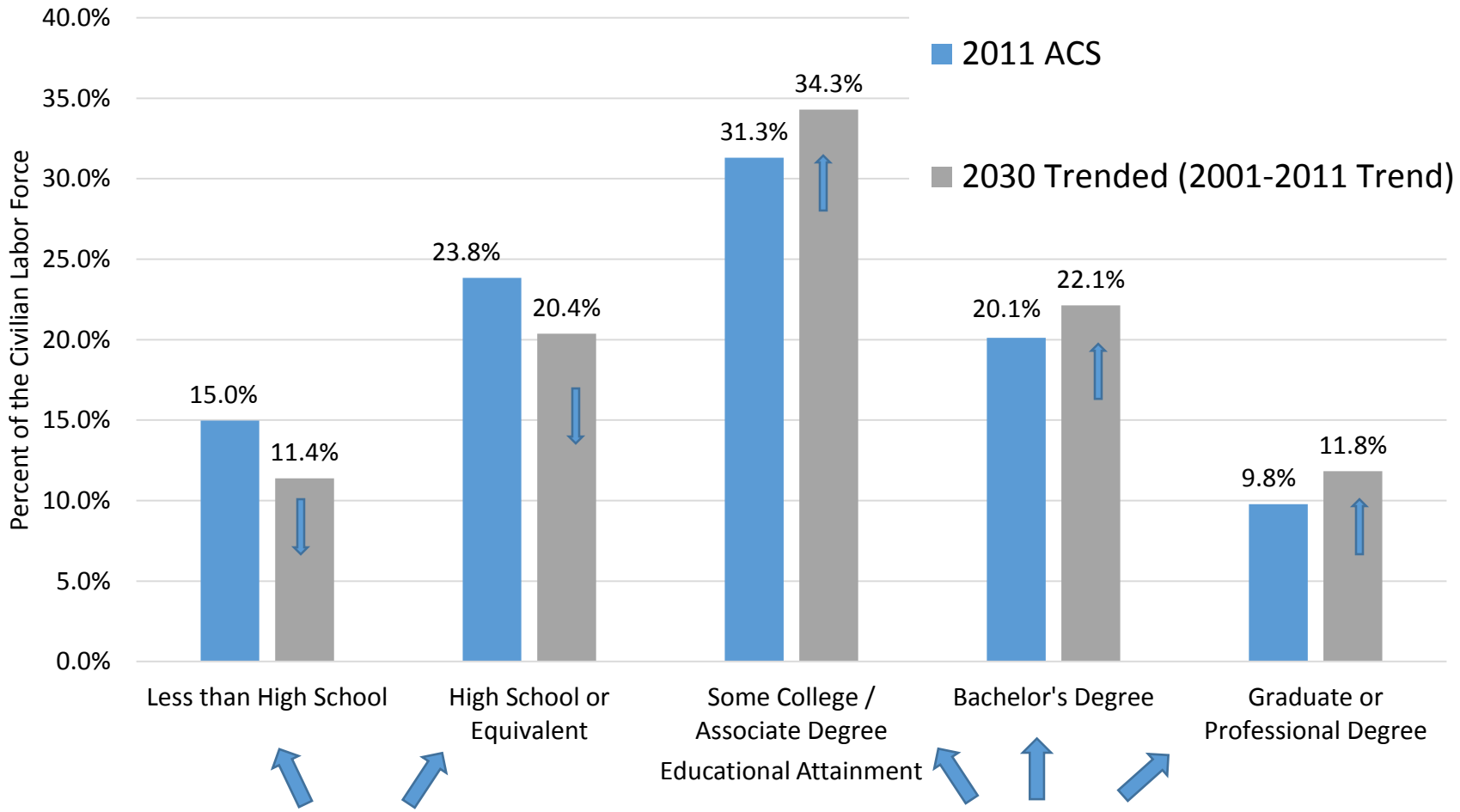


These should be going DOWN

These should be going UP

Sources: U.S. Census Bureau, American Community Survey, 1-Year PUMS.
Texas State Data Center, 2012 Vintage Population Projections, 0.5 Migration Scenario

Percent of the Civilian Labor Force (ages 25-64) by Educational Attainment for 2011, and 2030 Using Trended Rates, Texas



These should be going DOWN

These should be going UP

Sources: U.S. Census Bureau, American Community Survey, 1-Year PUMS.
Texas State Data Center, 2012 Vintage Population Projections, 0.5 Migration Scenario

Review

- Growth – significant, fast, uneven
- Migration patterns are dynamic
- Hispanic population driving growth
- Continued population growth
- Educated labor force is a challenge

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