Demographic and Socioeconomic Trends in Texas and the Greater Houston Area

Presented to

THEC
The Houston Economics Club

January 25, 2023

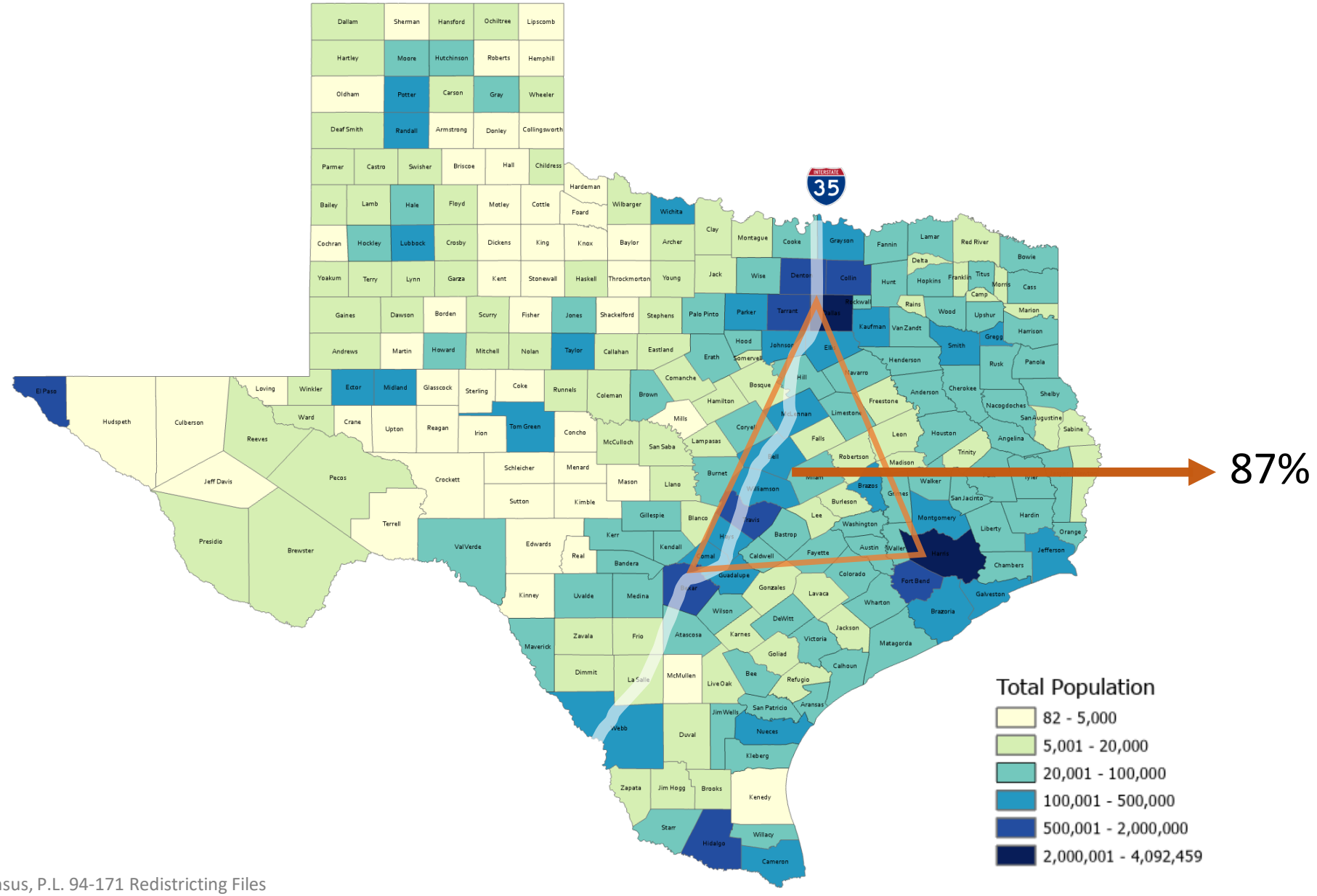
TEXAS DEMOGRAPHIC CENTER

Population Change, the US and Selected States, 2010-2020, 2020-2021, 2021-2022

	2010 Population	2020 Population	Numeric Change 2010-2020	Percent Change 2010-2020	Numeric Change 2020-2021	Percent Change 2020-2021	Numeric Change 2021-2022	Percent Change 2021-2022
United States	308,745,538	331,449,281	22,703,743	7.4%	520,042	0.16%	1,256,003	0.38%
Texas	**25,145,561**	**29,145,505**	**3,999,944**	**15.9%**	**326,390**	**1.12%**	**470,708**	**1.59%**
Florida	18,801,310	21,538,187	2,736,877	14.6%	238,467	1.11%	416,754	1.91%
California	37,253,956	39,538,223	2,284,267	6.1%	-358,662	-0.91%	-113,649	-0.29%
New York	19,378,102	20,201,249	823,147	4.2%	-250,804	-1.24%	-180,341	-0.91%
Arizona	6,392,017	7,151,502	759,485	11.9%	84,934	1.19%	94,320	1.30%
Colorado	5,029,196	5,773,714	744,518	14.8%	26,432	0.46%	28,629	0.49%
Utah	2,763,885	3,271,616	507,731	18.4%	55,328	1.69%	41,687	1.25%

SOURCE: U.S. Census Bureau. 2010 and 2020 Census Count; 2022 Vintage Population Estimates

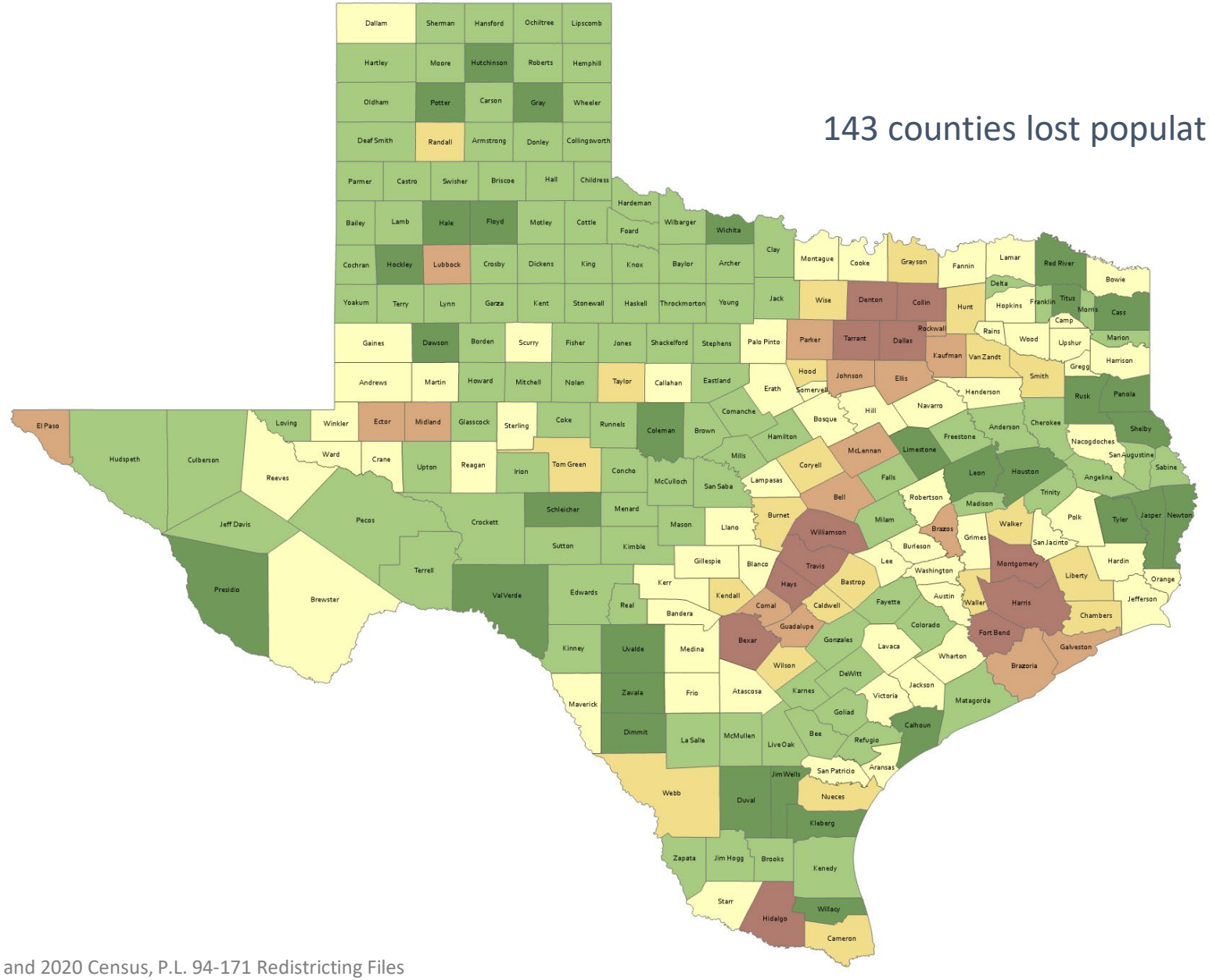
Census 2020 Population, Texas Counties



SOURCE: US Census Bureau, 2020 Census, P.L. 94-171 Redistricting Files

Numeric Change, Texas Counties, 2010-2020

143 counties lost population



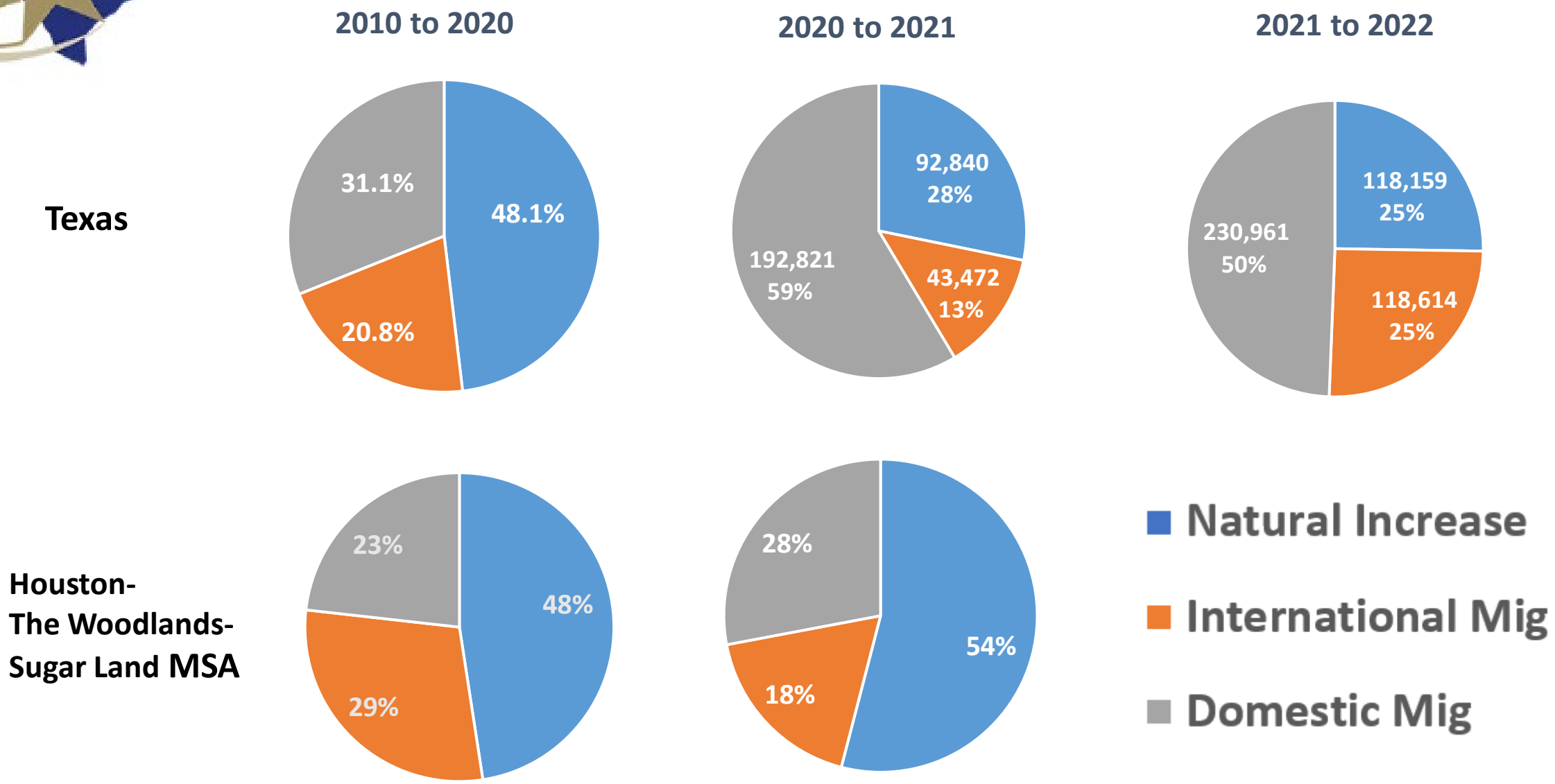
SOURCE: US Census Bureau, 2010 and 2020 Census, P.L. 94-171 Redistricting Files

Population Change, Houston-The Woodlands-Sugar Land, 2010-2020, 2020-2021

	2010 Population	2020 Population	Numeric Change 2010-2020	Annual % Change 2010-2020	Numeric Change 2020-2021	Annual % Change 2020-2021
Houston-The Woodlands-Sugar Land	5,920,416	7,122,240	1,201,824	2.0%	69,094	1.0%
% of Texas	23.5%	24.4%	30.0%		21.2%	
Harris County, TX	4,092,459	4,731,145	638,686	1.6%	-4,461	-0.1%
Fort Bend County, TX	585,375	822,779	237,404	4.1%	29,895	3.6%
Montgomery County, TX	455,746	620,443	164,697	3.6%	23,948	3.9%
Brazoria County, TX	313,166	372,031	58,865	1.9%	6,321	1.7%
Galveston County, TX	291,309	350,682	59,373	2.0%	3,604	1.0%
Liberty County, TX	75,643	91,628	15,985	2.1%	5,270	5.8%
Waller County, TX	43,205	56,794	13,589	3.1%	2,432	4.3%
Chambers County, TX	35,096	46,571	11,475	3.3%	1,814	3.9%
Austin County, TX	28,417	30,167	1,750	0.6%	271	0.9%

SOURCE: U.S. Census Bureau. 2010 and 2020 Census Count ; 2021 Vintage Population Estimates

Estimated Components of Population Change, Texas and Houston-The Woodlands-Sugar Land MSA



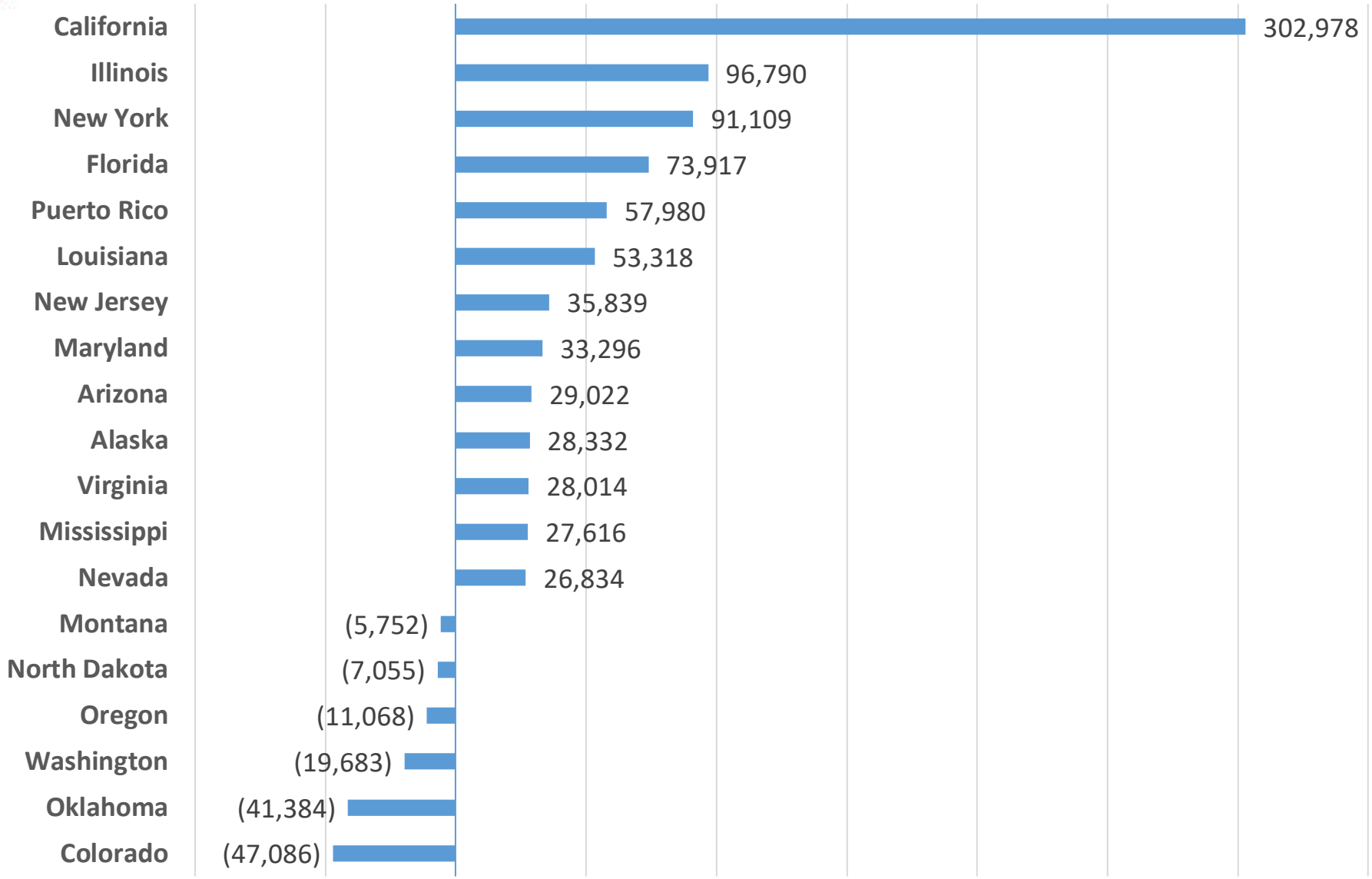
SOURCE: U.S. Census Bureau. 2020 Evaluation Population Estimates, 2021, and 2022Vintage Population Estimates

Estimated Components of Population Change in the Greater Houston Area, 2010-2020

	Pop Change 2010-2020	Natural Change	International Migration	Domestic Migration
Harris	630,711	**69%**	**44%**	**-13%**
Fort Bend	249,529	**24%**	**19%**	**57%**
Montgomery	167,128	**20%**	**8%**	**72%**
Brazoria	66,019	**37%**	**7%**	**56%**
Galveston	52,597	**26%**	**9%**	**65%**
Liberty	15,677	**22%**	**2%**	**76%**
Waller	13,894	**22%**	**3%**	**75%**
Chambers	10,138	**24%**	**5%**	**72%**
Austin	1,600	**39%**	**13%**	**48%**

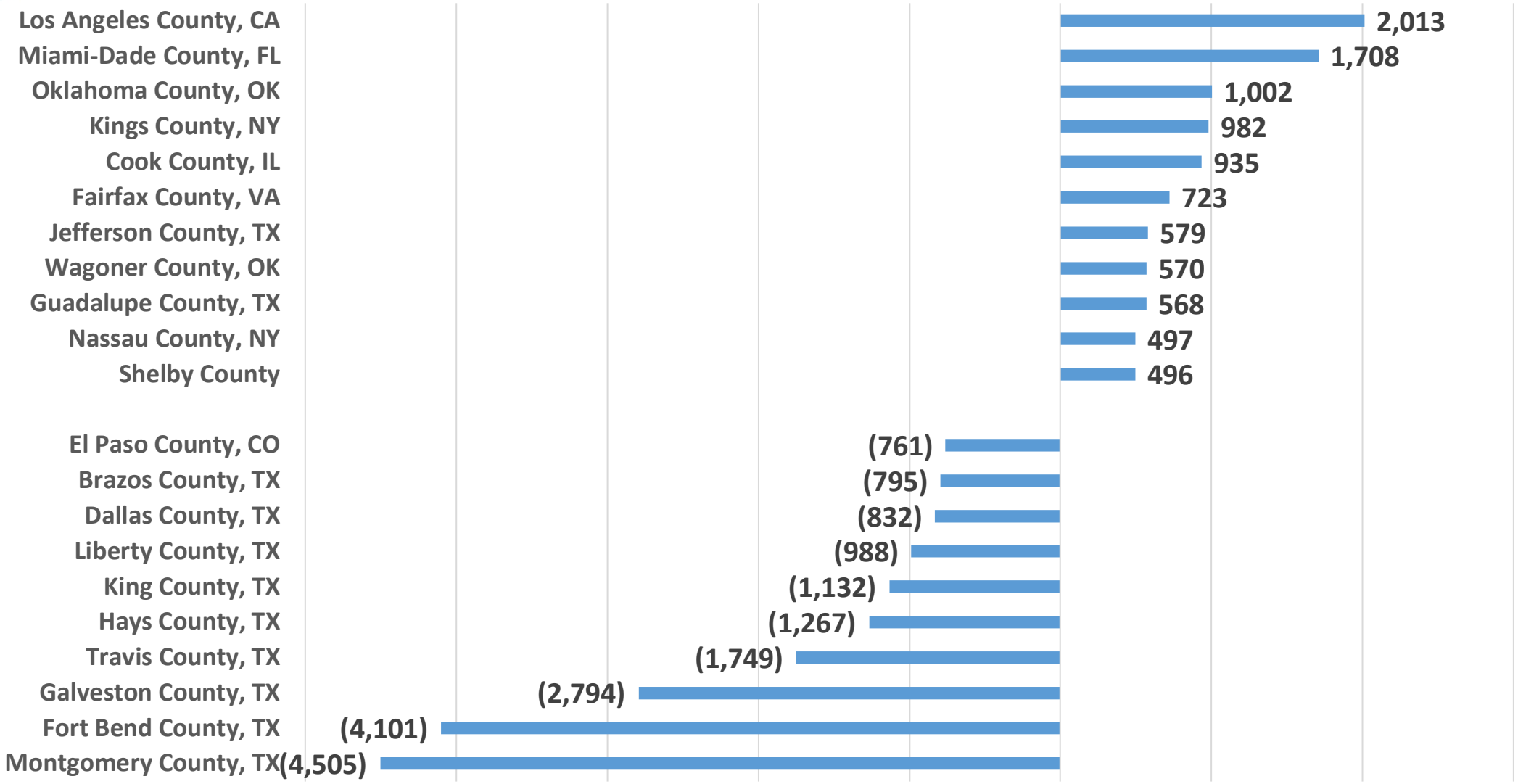
SOURCE: U.S. Census Bureau. 2020 Evaluation Population Estimates

Estimated Net Domestic Migrants Between Texas and Other States, 2010-2019



Source: U.S. Census Bureau, State-to-State Migration Flows, 2010-2019

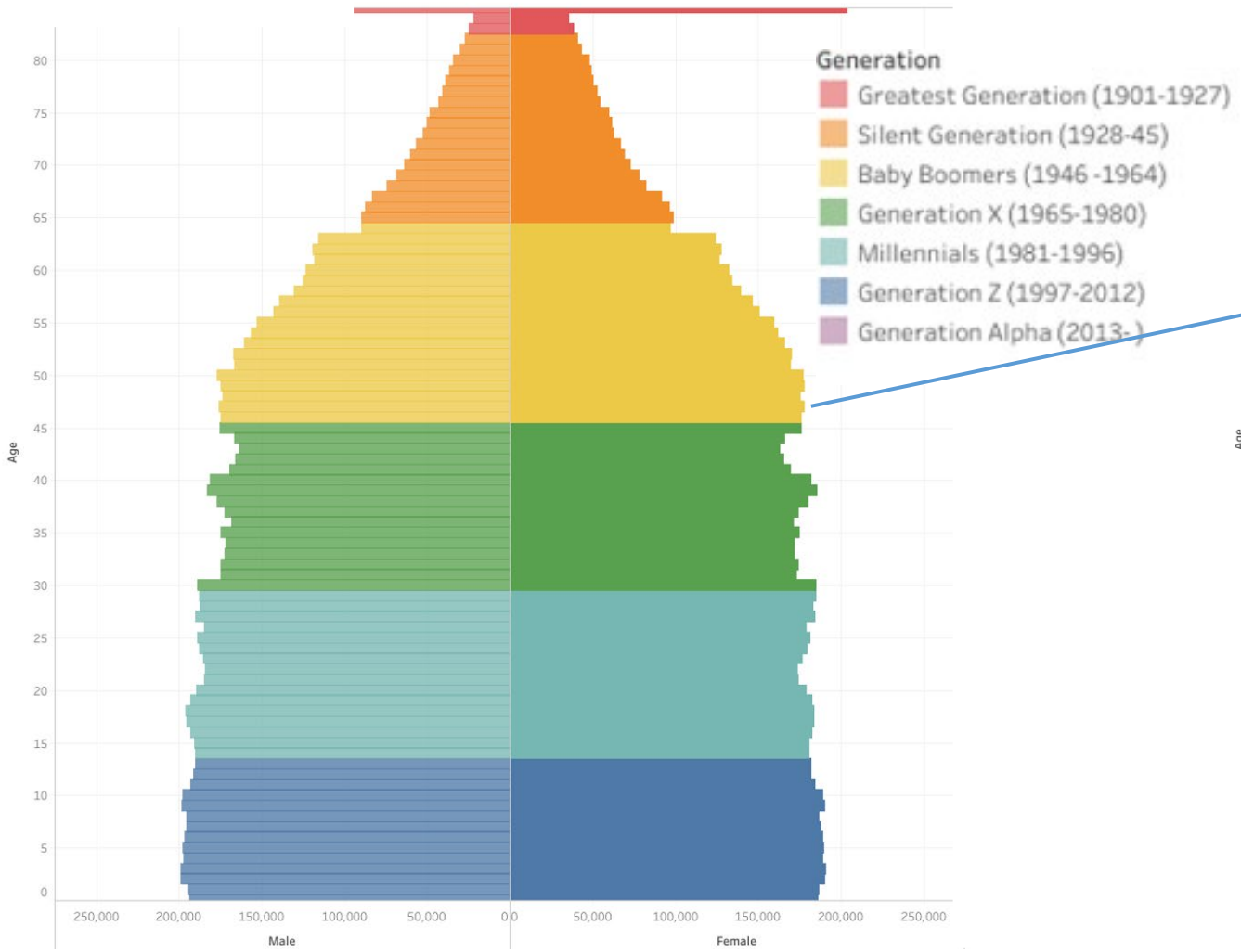
Estimated Net Domestic Migrants Between Harris County, TX and Other Counties in the US, 2015-2019



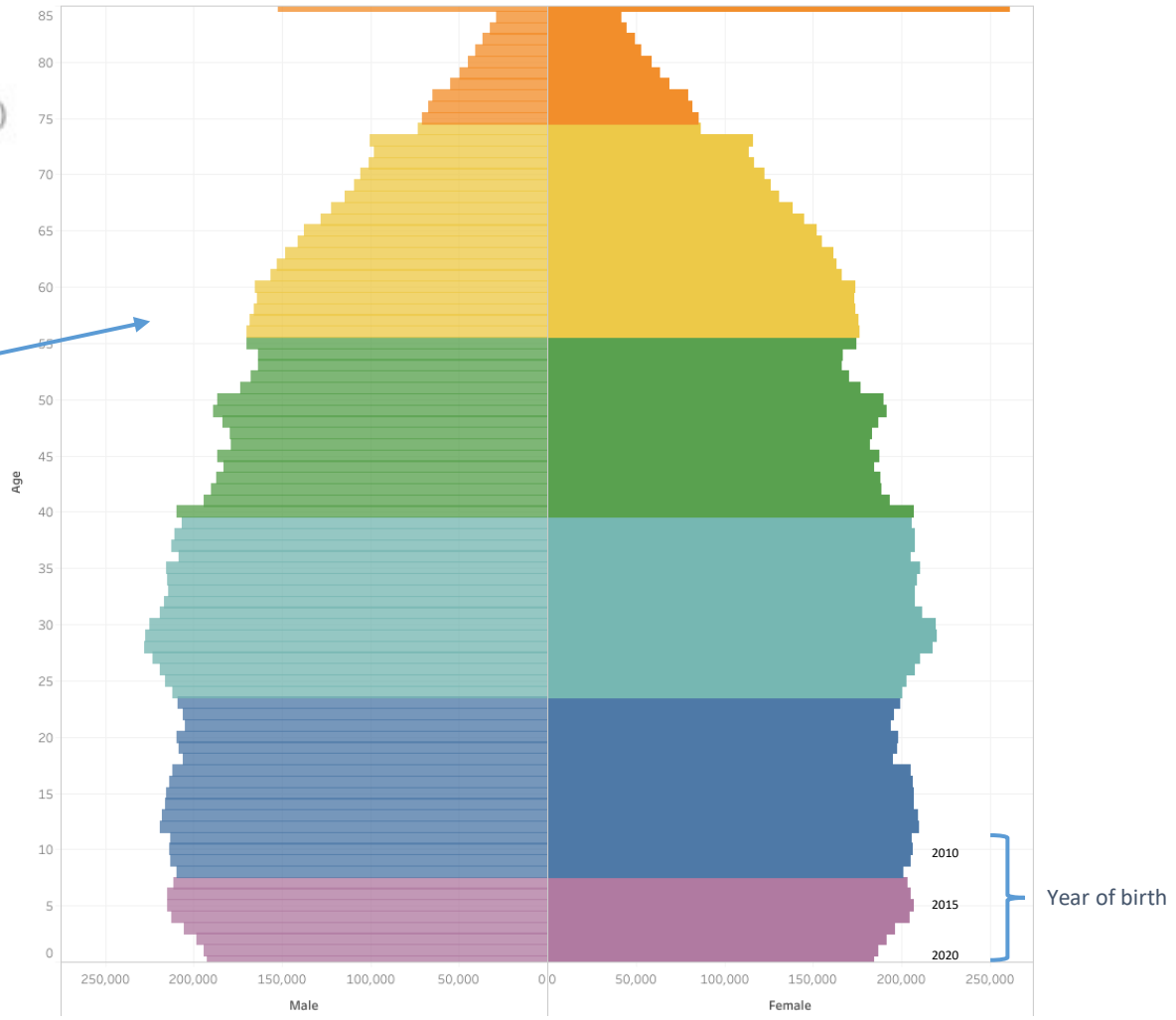
Source: U.S. Census Bureau, State-to-State Migration Flows, 2015-2019

Generational Population Pyramids, Texas, 2010 and 2020

2010

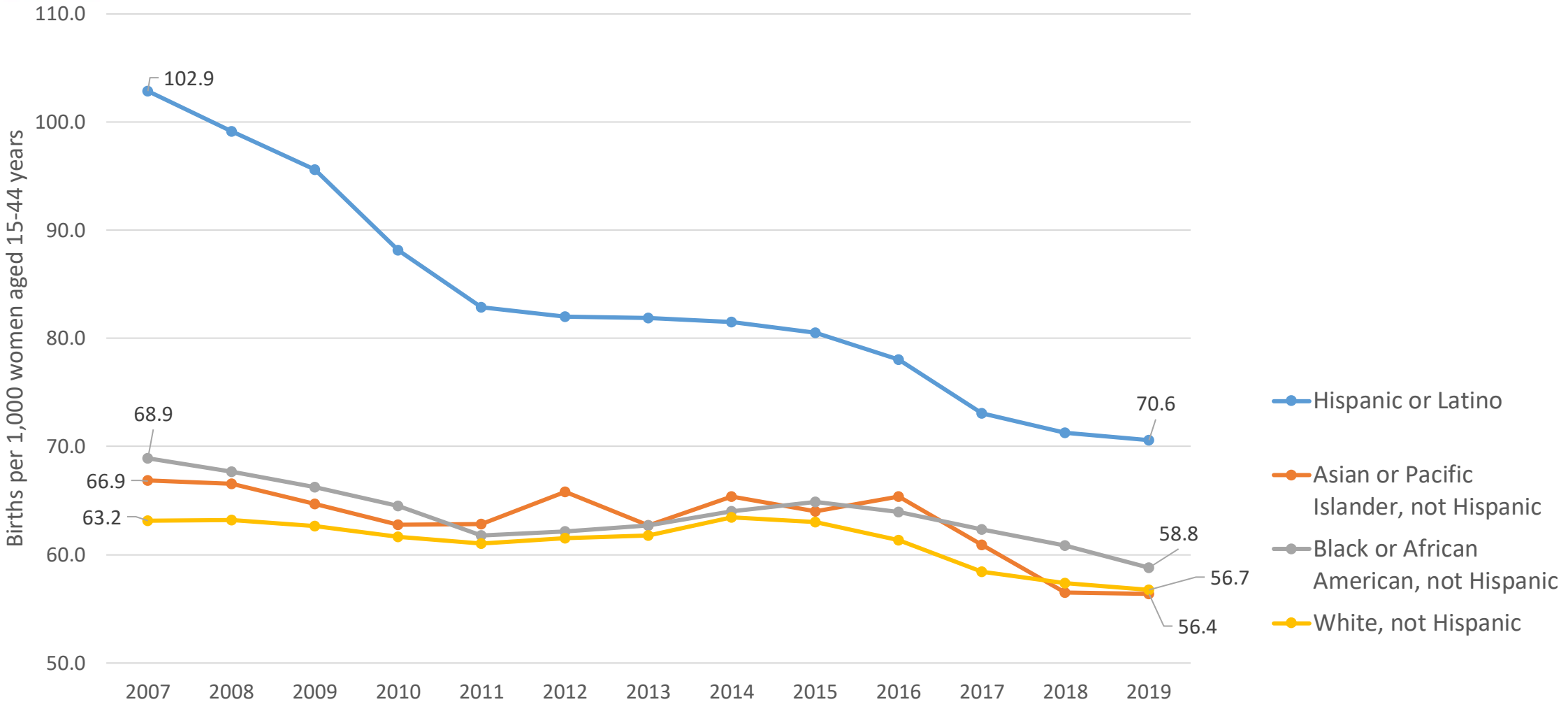


2020



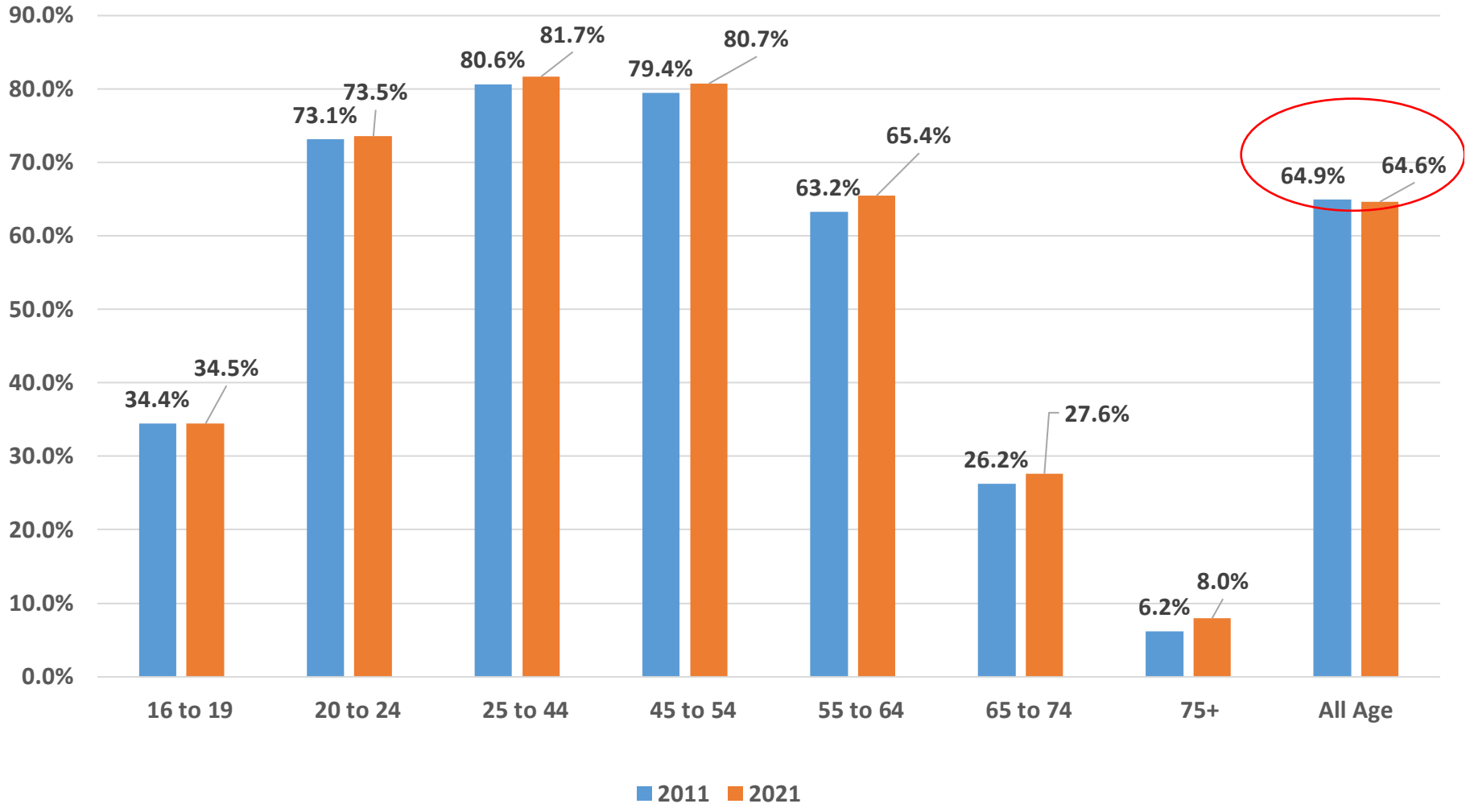
SOURCE: U.S. Census Bureau. 2010 and 2020 Vintage Population Estimates

Texas Birth Rates, 2007-2019



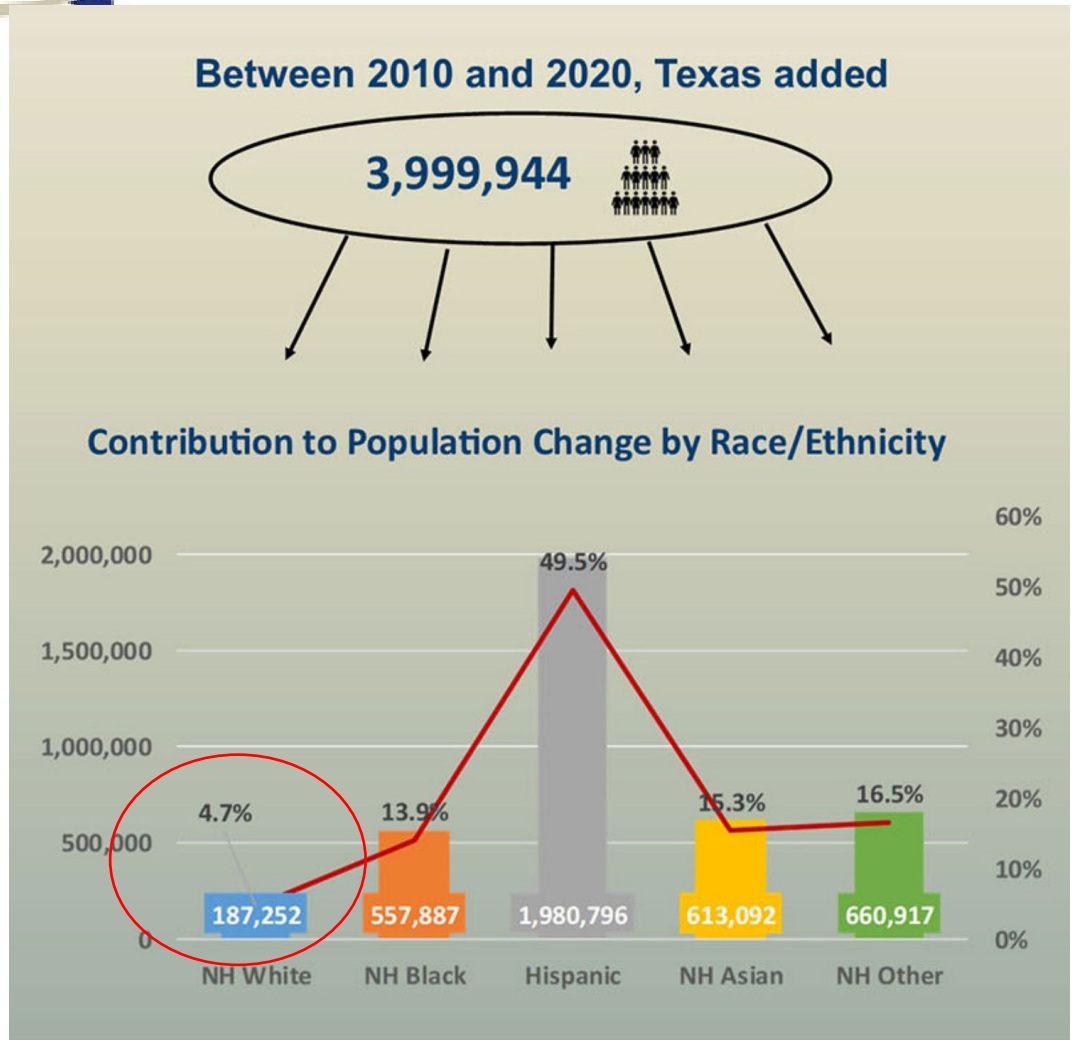
SOURCE: Centers for Disease Control and Prevention, National Center for Health Statistics.

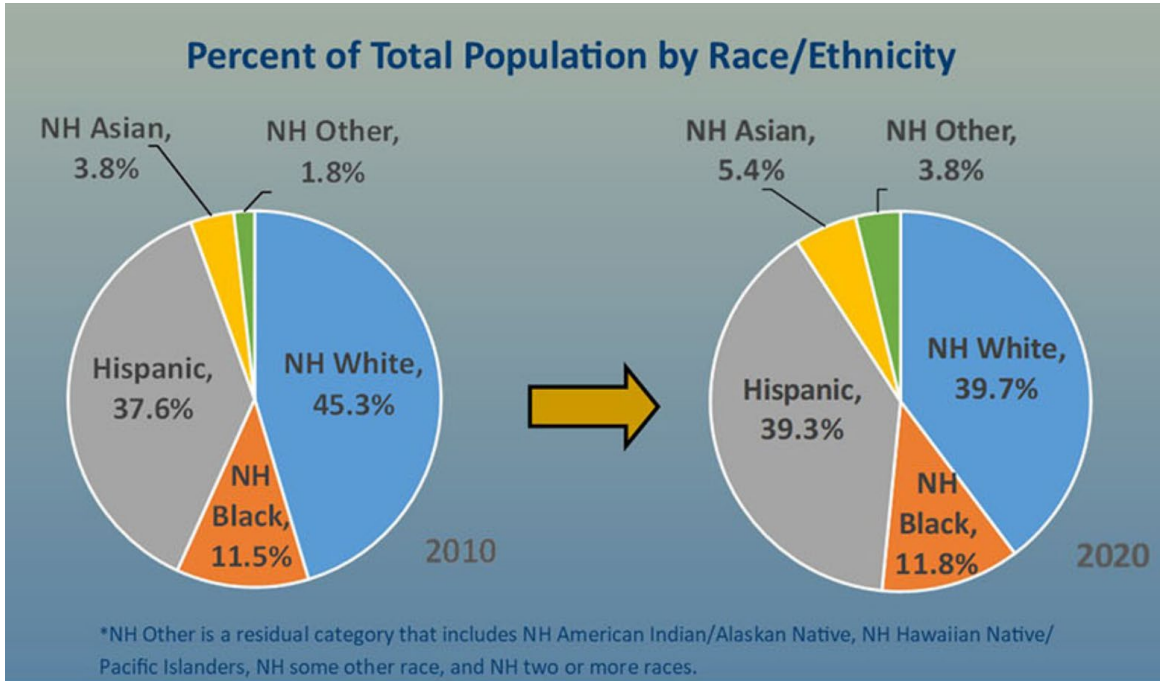
Labor Force Participation by Age, 2011 to 2021



SOURCE: US Census Bureau, American Community Survey, 1-Year Samples, 2011 and 2021

Racial/Ethnic Contributions to Population Growth, 2010-2020

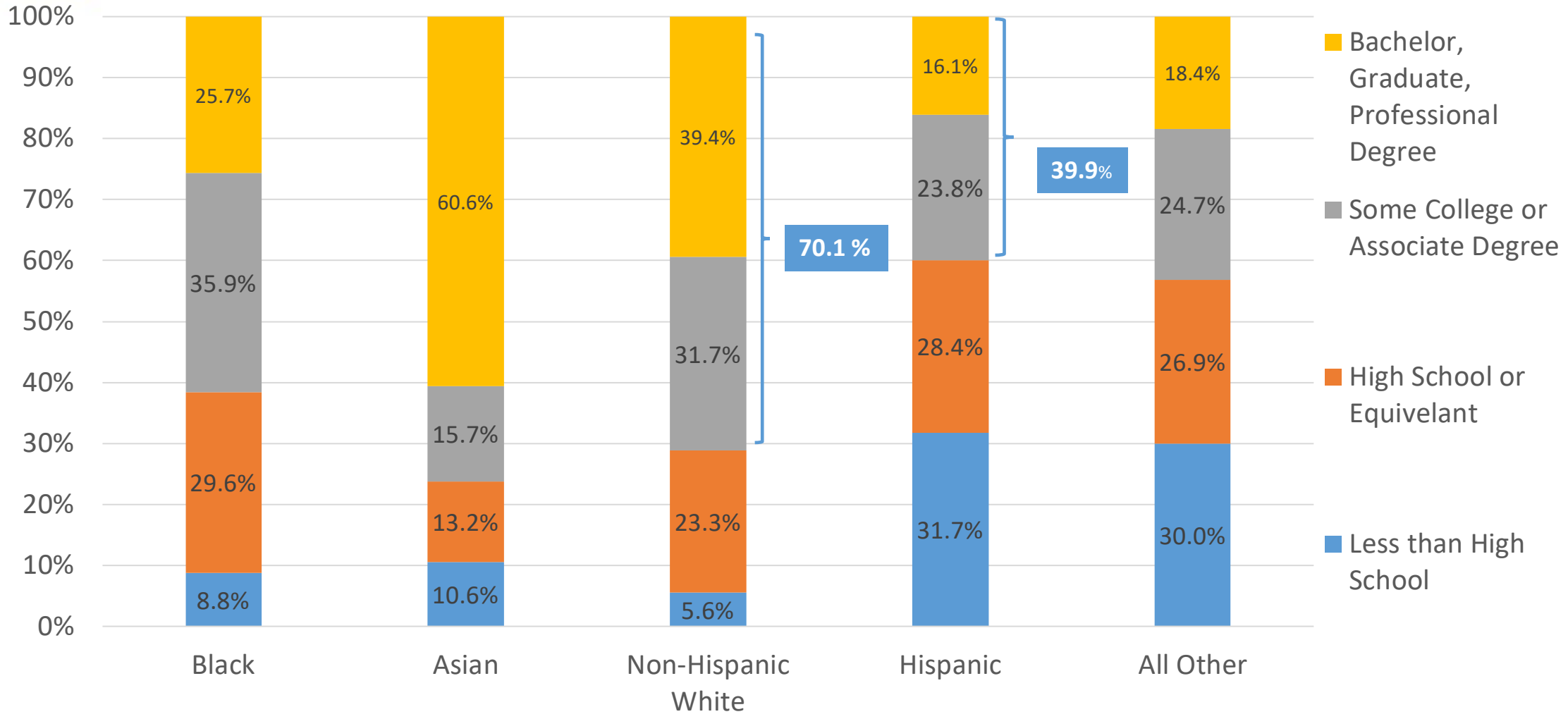




Hispanic residents have exceeding non-Hispanic white residents in Texas, based on the 2021 American Community Survey.

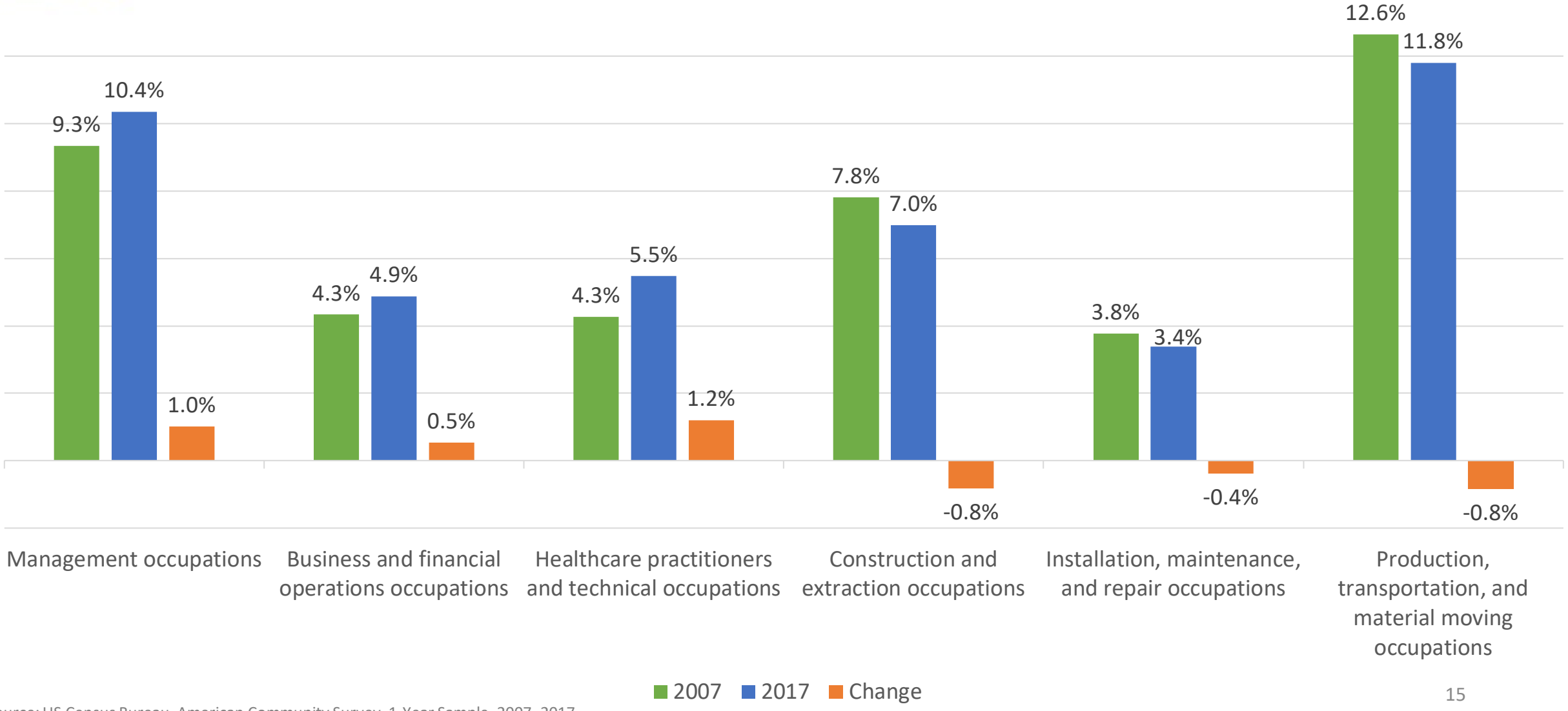
Source: US Census Bureau, 2010 and 2020 Census, P.L. 94-171 Redistricting Files

Educational Attainment of Persons Age 25 Years and Older by Race/Ethnicity, Texas, 2019



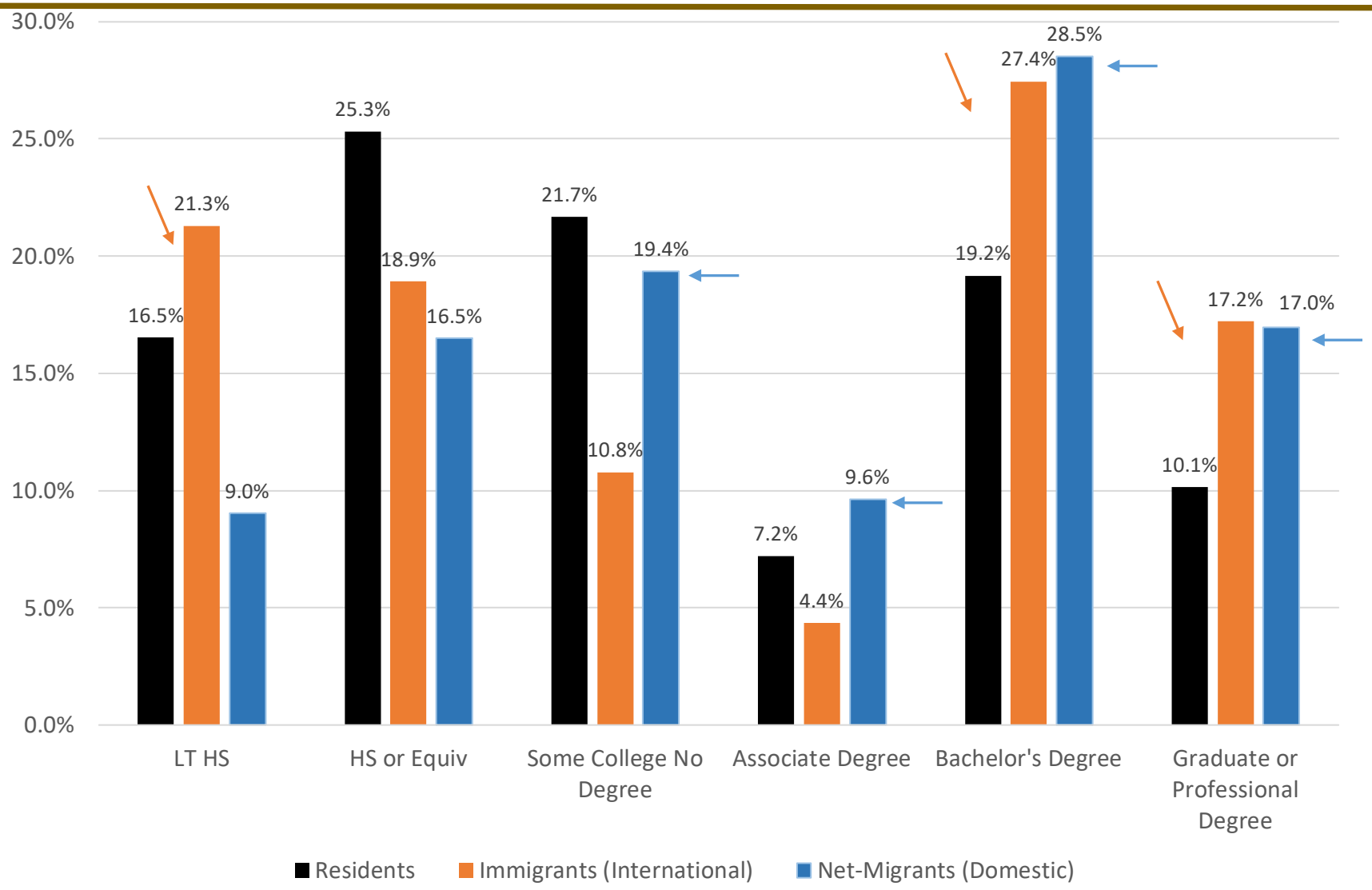
Source: US Census Bureau, American Community Survey, 1-Year Sample, 2019

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



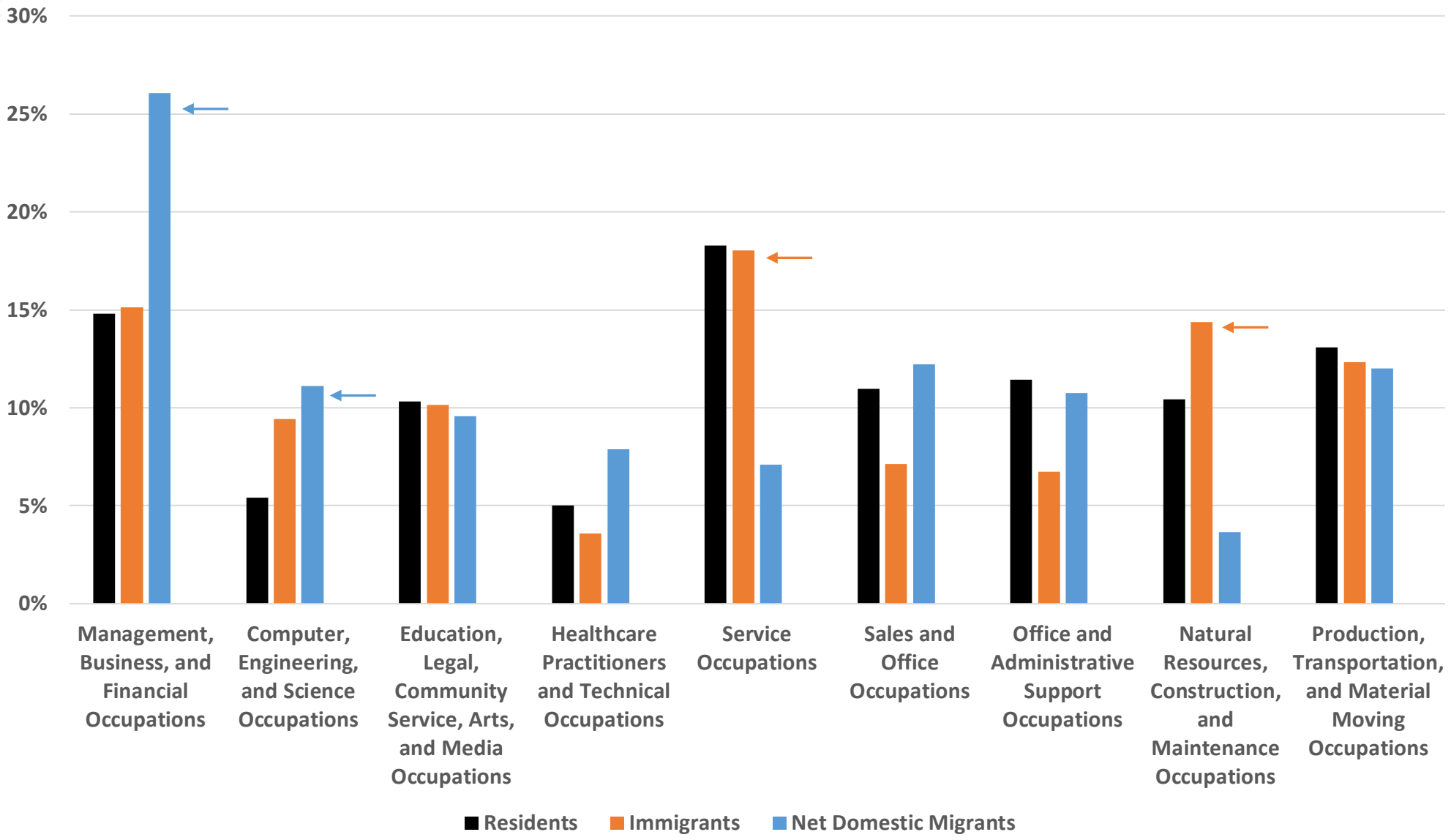
Source: US Census Bureau, American Community Survey, 1-Year Sample, 2007, 2017

Percent Distribution by Education Attainment of Texas Residents (Non-Migrants), Immigrants (international) and Net-Migrants (domestic) Aged 25 Years and Over, Texas, 2015-2019



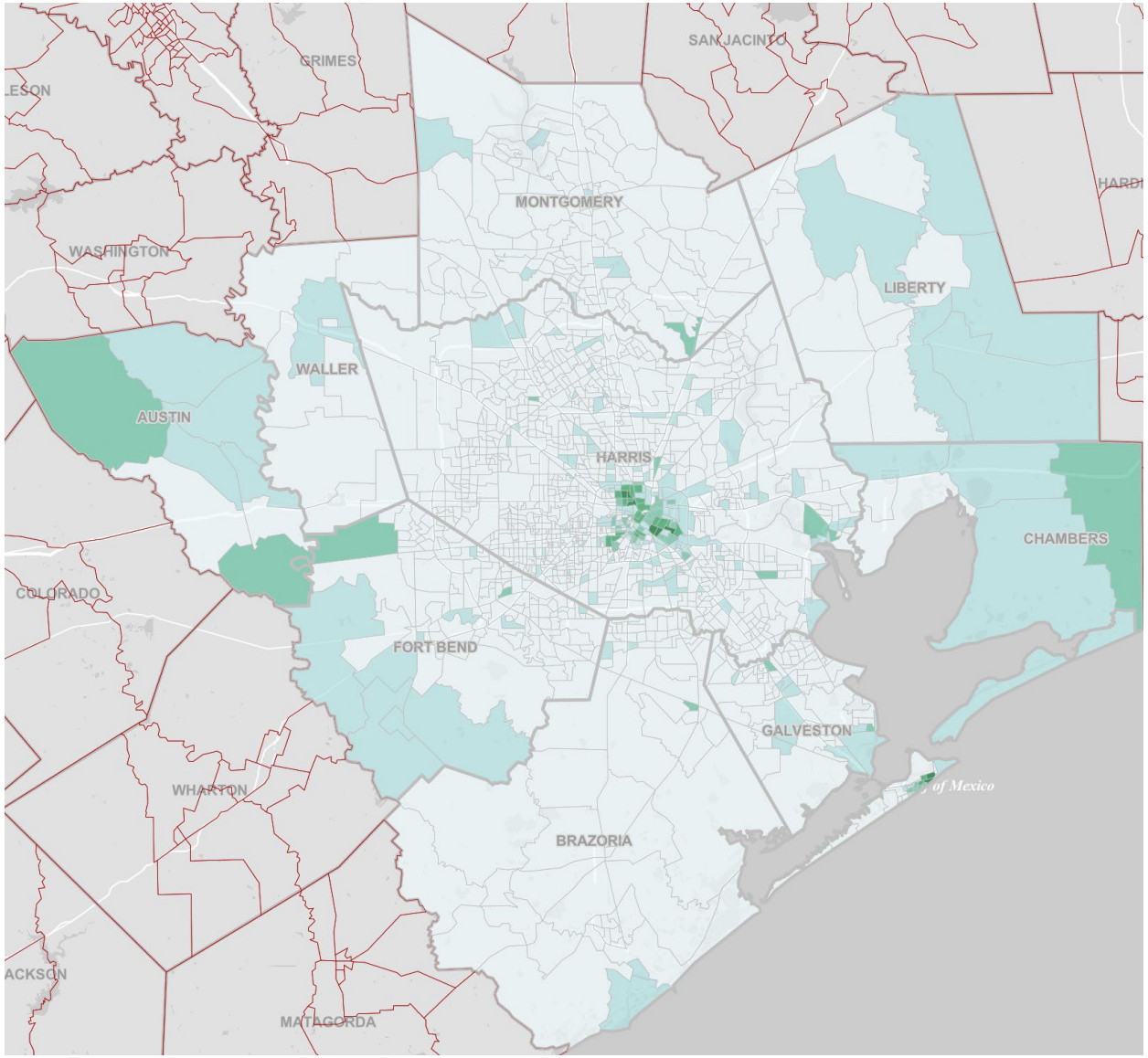
SOURCE: US Census Bureau, American Community Survey, PUMS, 5-Year Samples, 2015-2019

Percent Distribution by Occupation of Non-Migrants (Texans) and Net-In Domestic Migrants Aged 25 Years and Over, Texas, 2006-2019



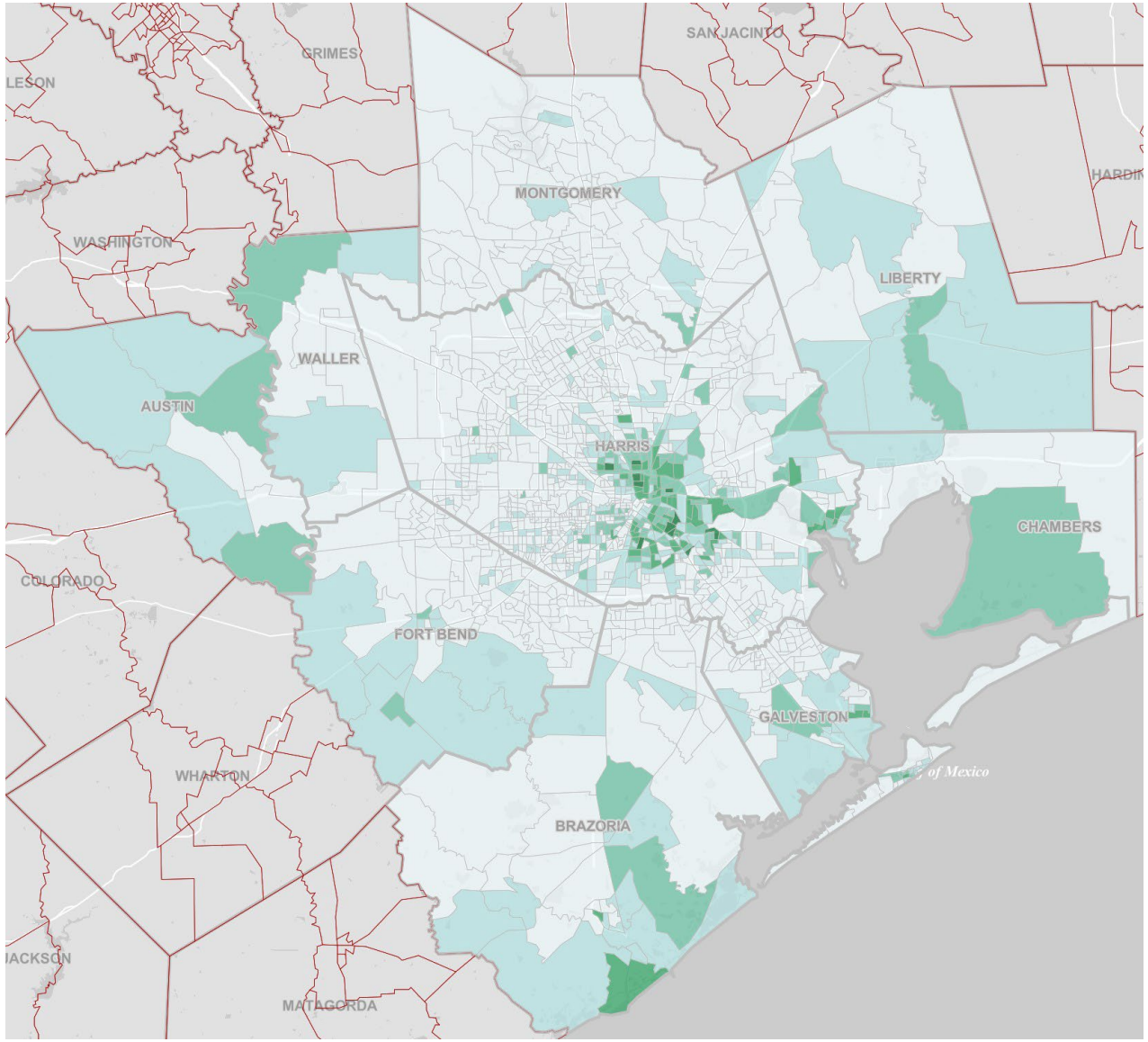
SOURCE: US Census Bureau, American Community Survey, 2006-2020

The following slides show the historical development of the residential areas in the Greater Houston area



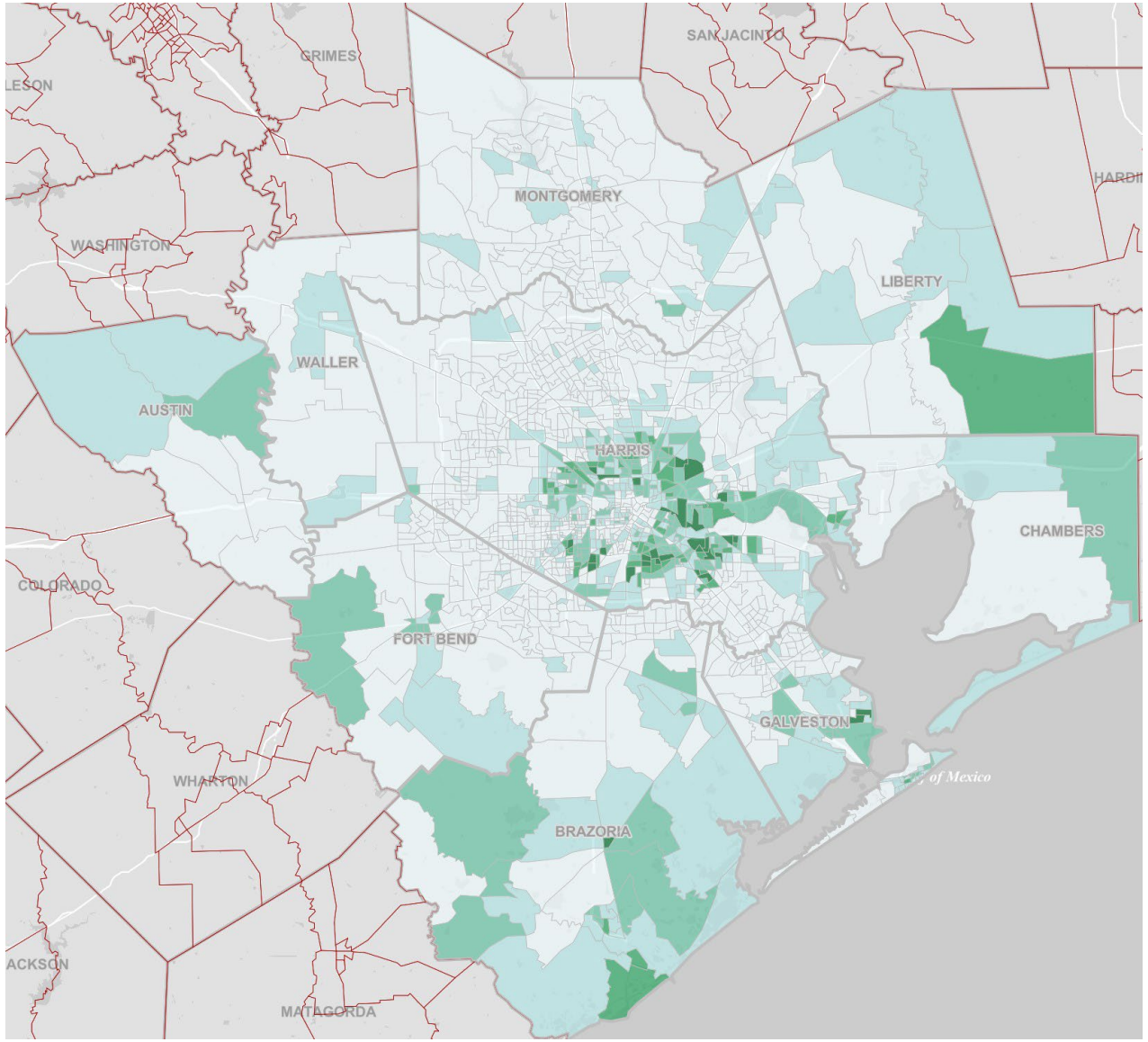
Structure ~ -1939

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File



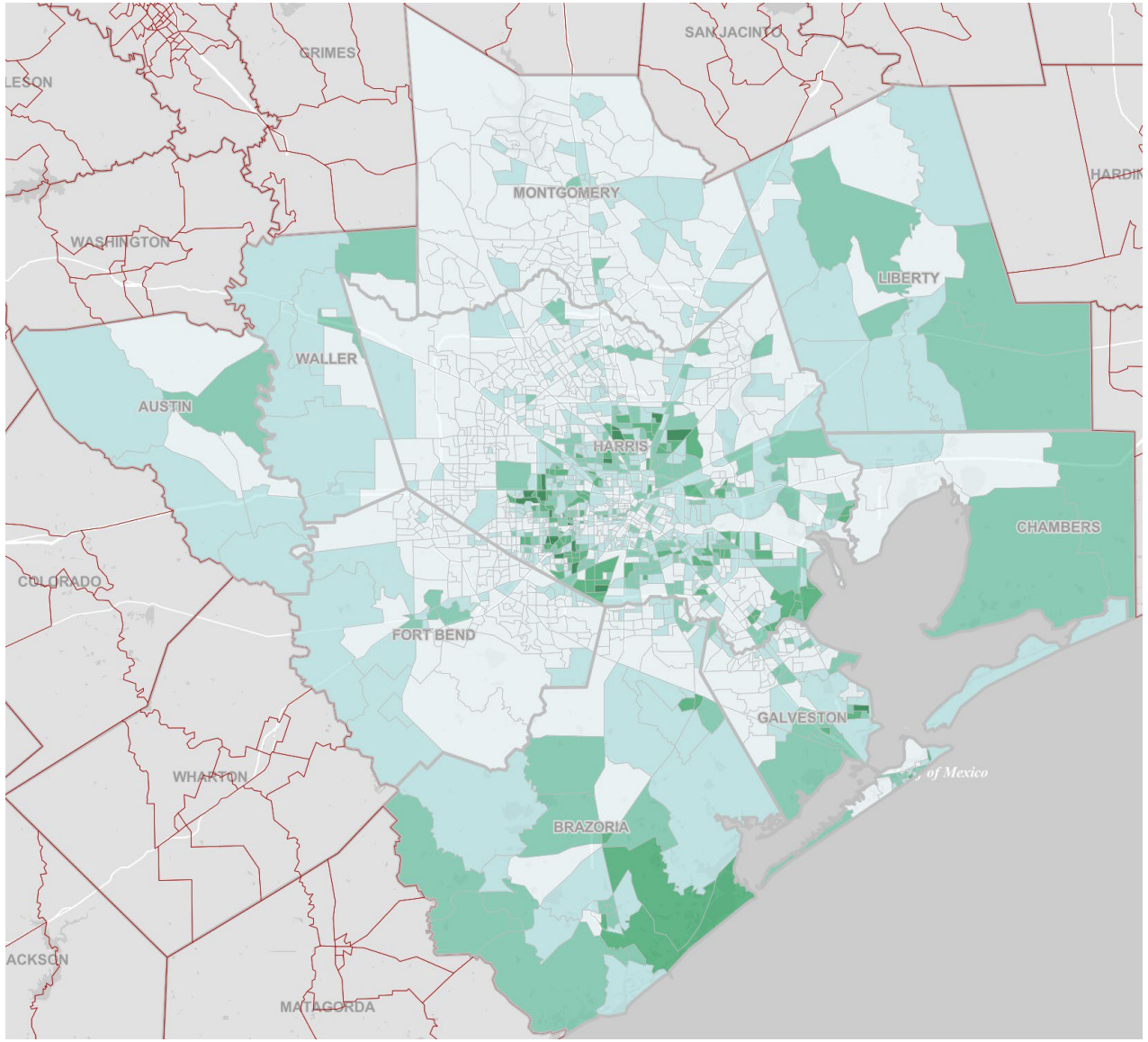
Structure1940-1949

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File



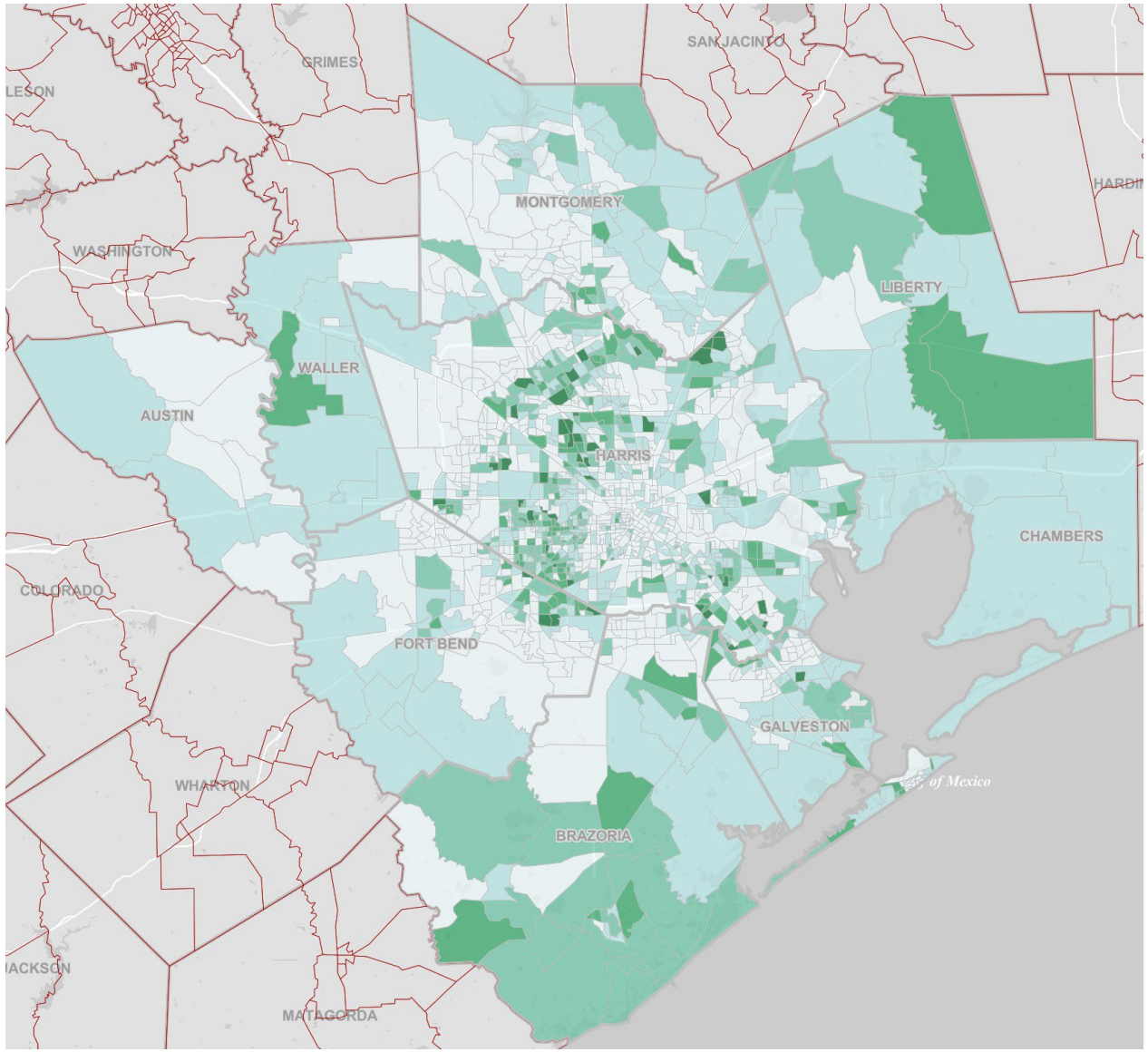
Structure1950-1959

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File



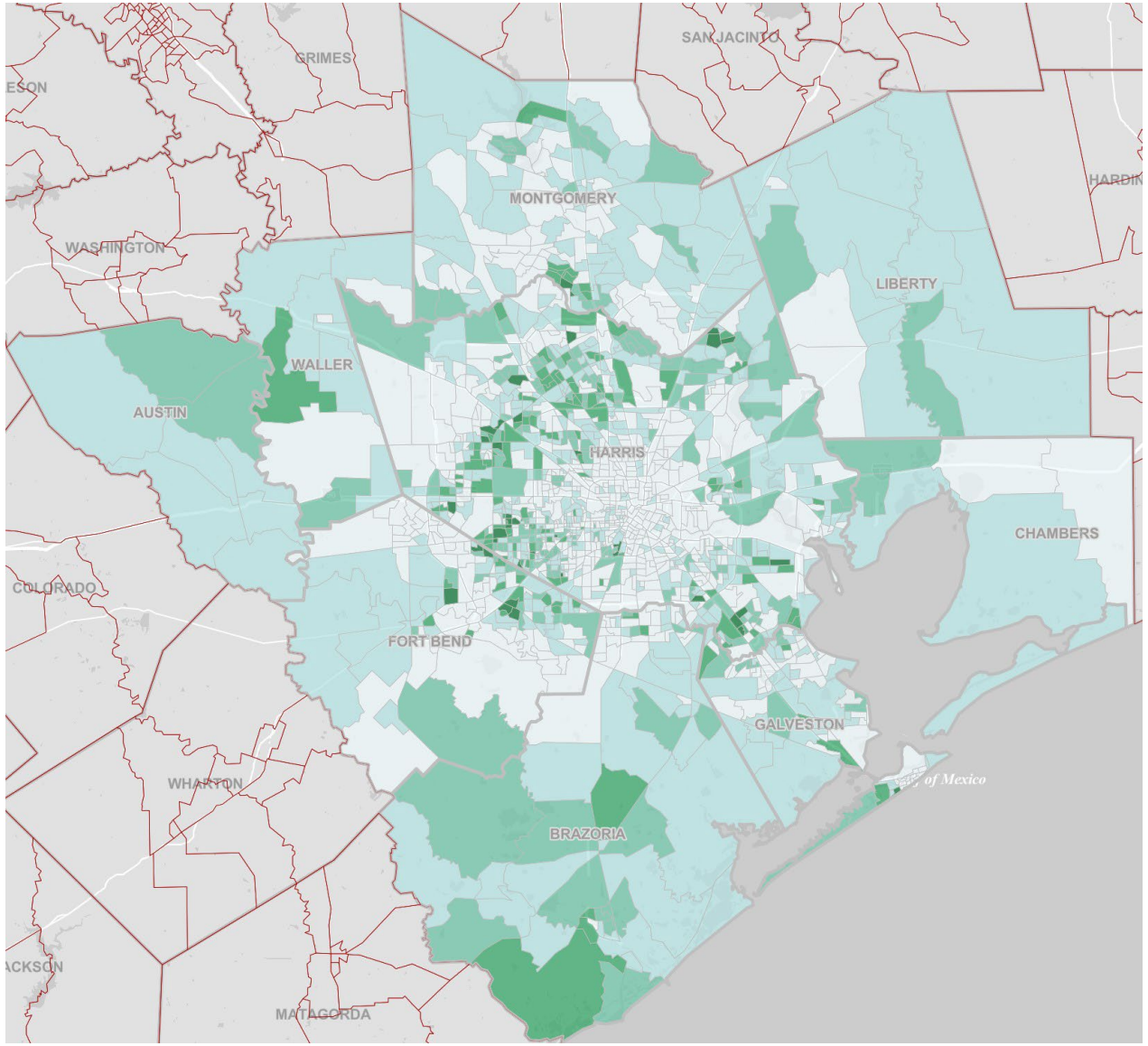
Structure1960-1969

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File



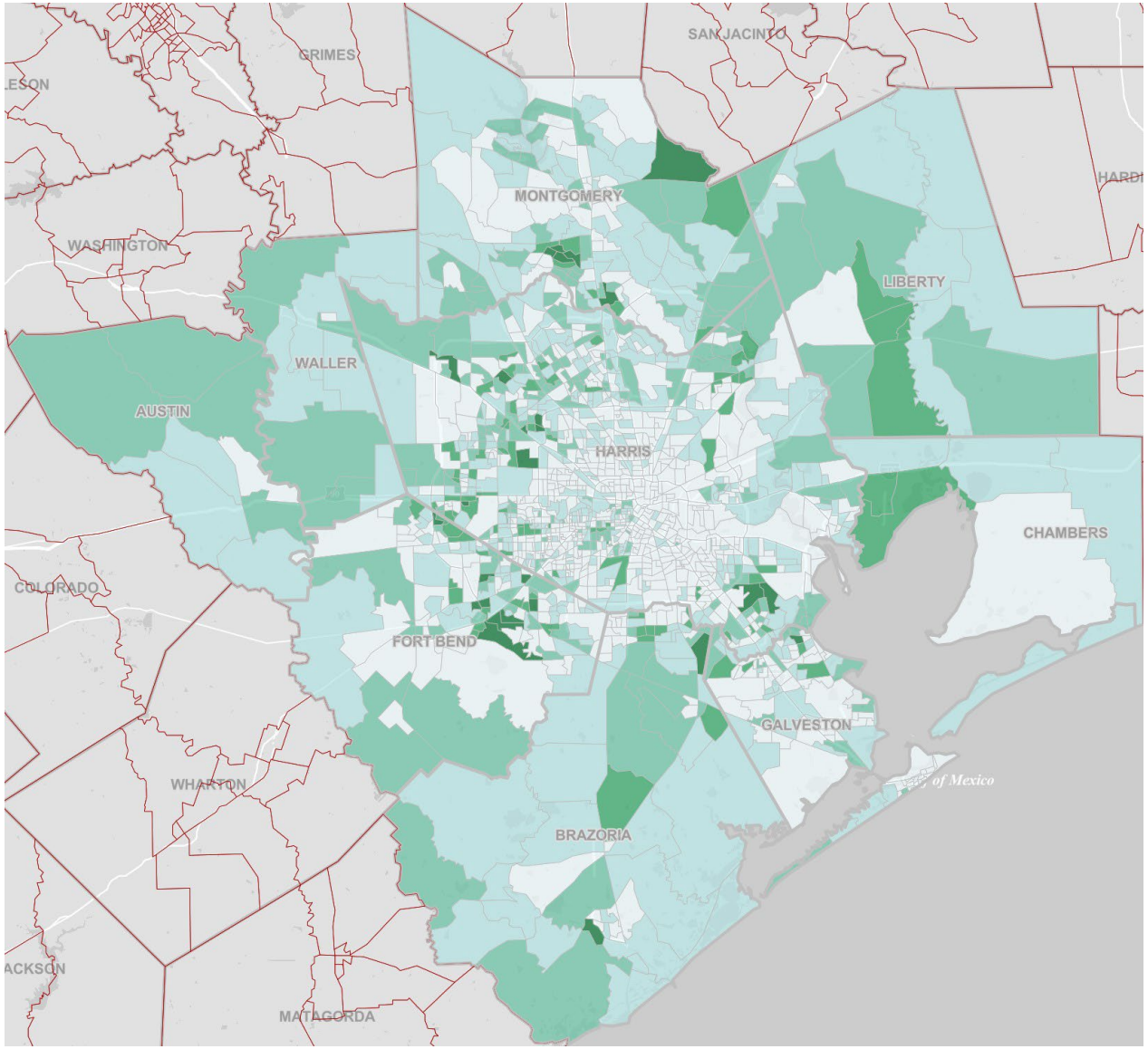
Structure1970-1979

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File



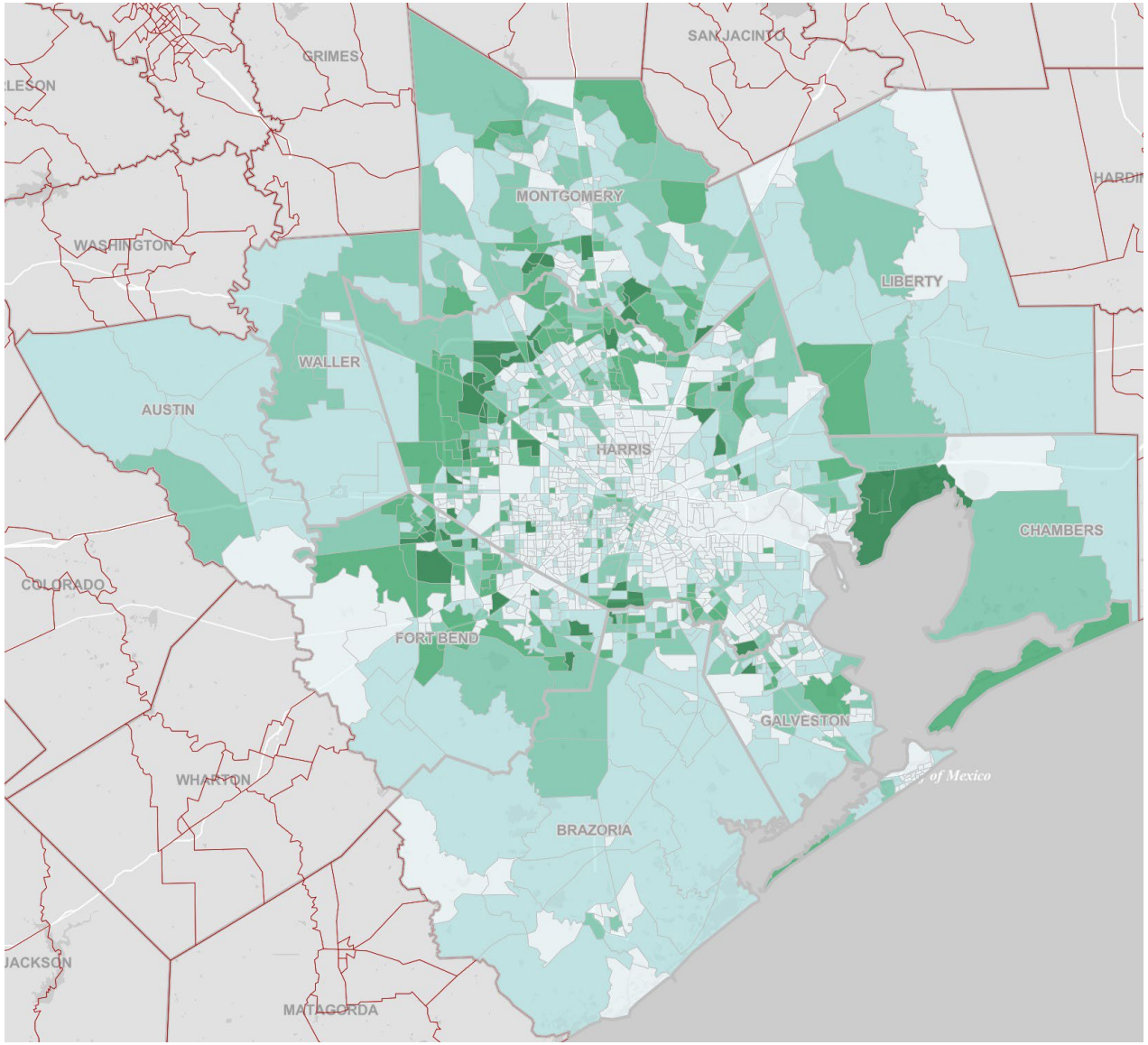
Structure1980-1989

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File



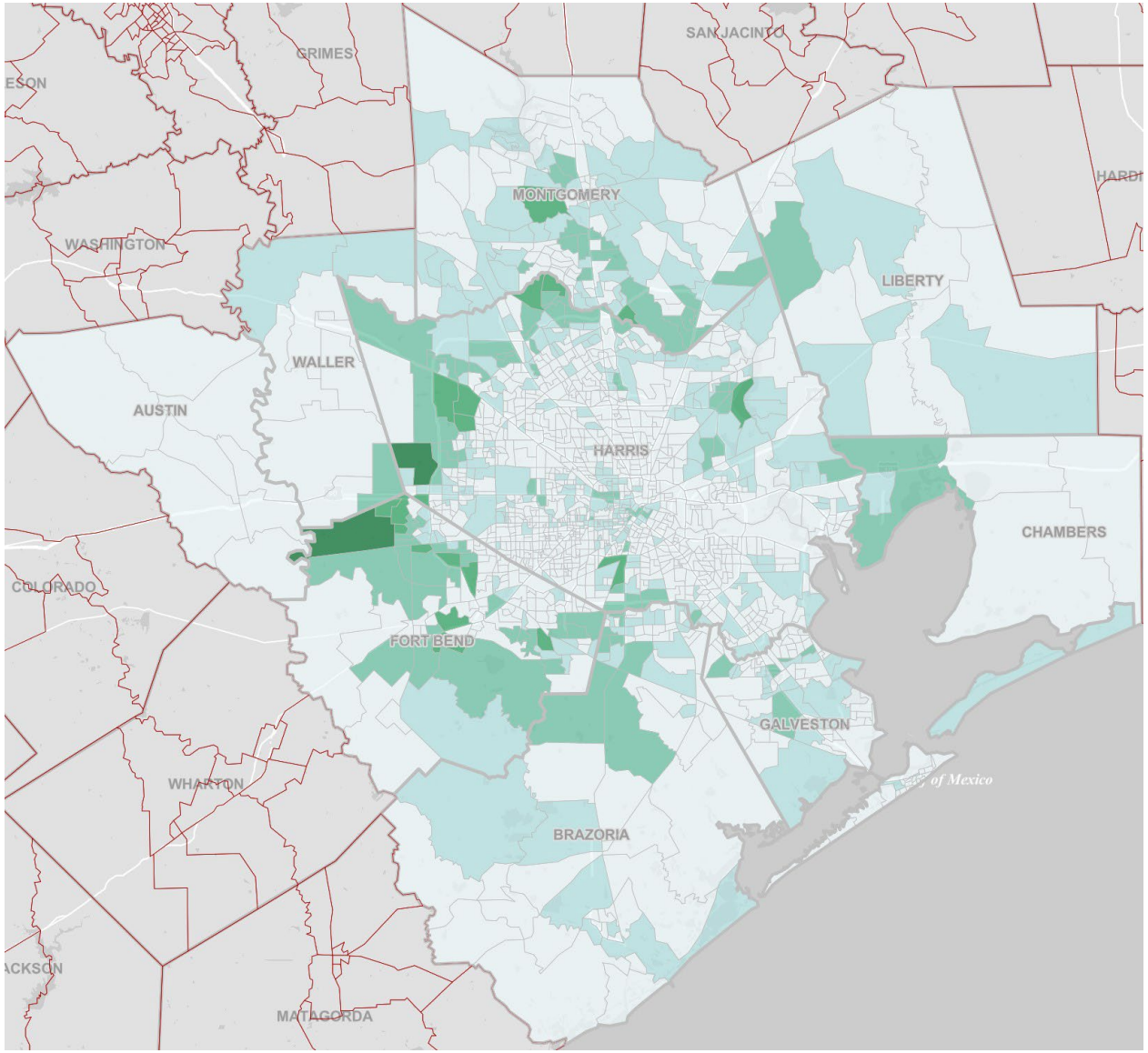
Structure1990-1999

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File



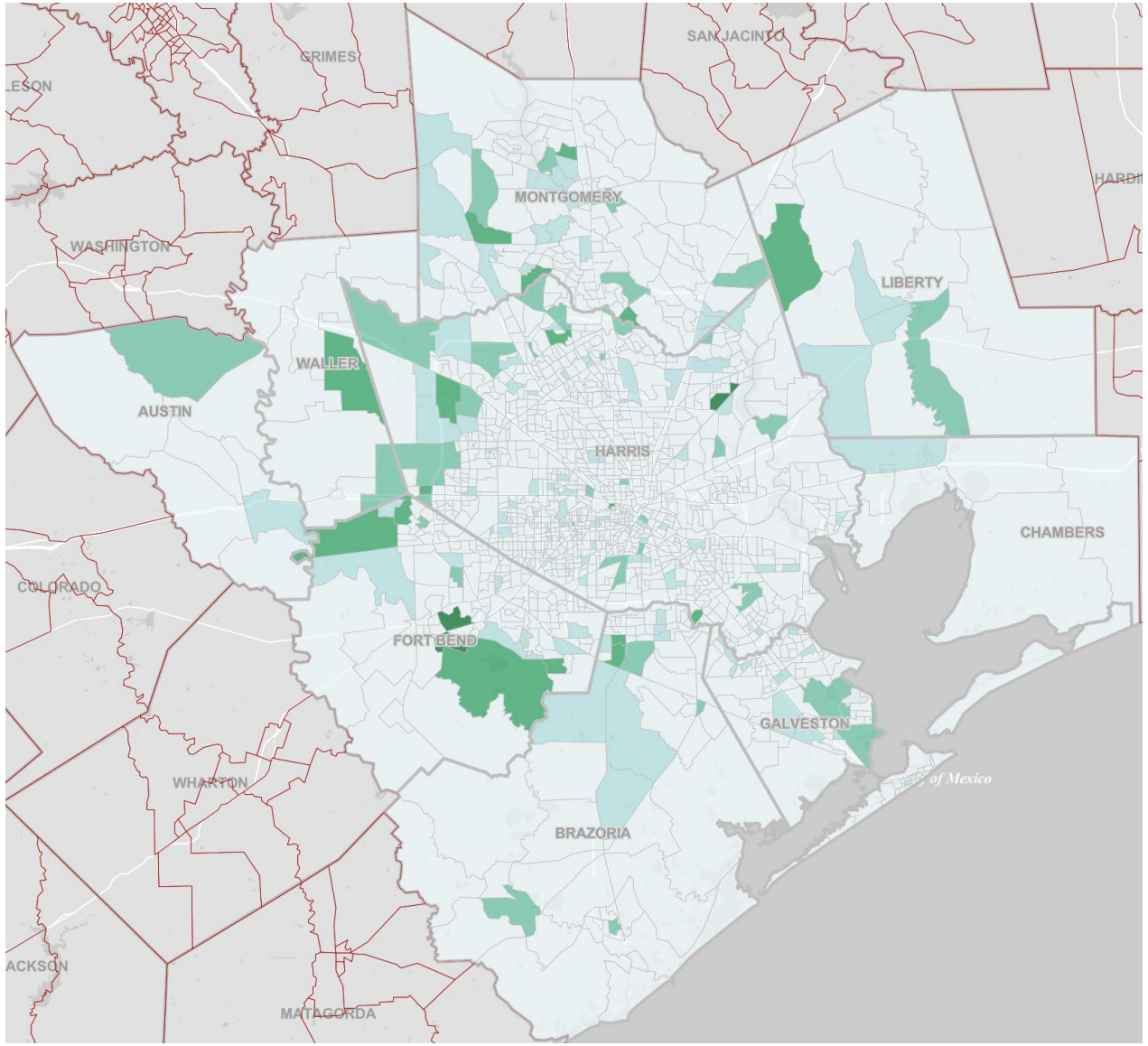
Structure2000-2009

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File



Structure2010-2019

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File

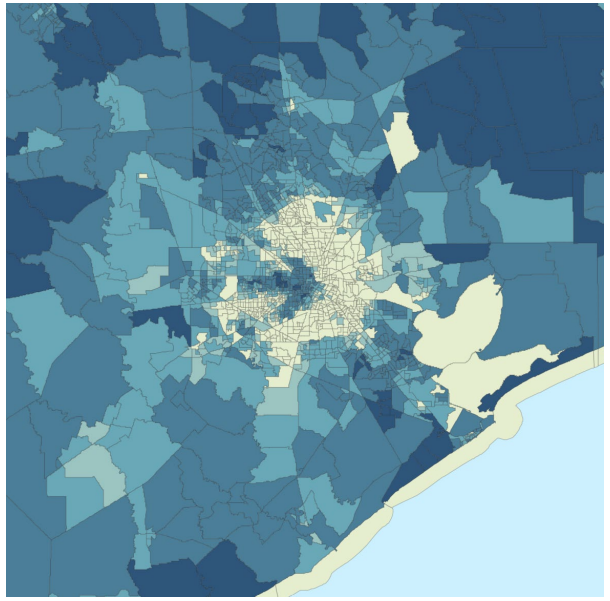


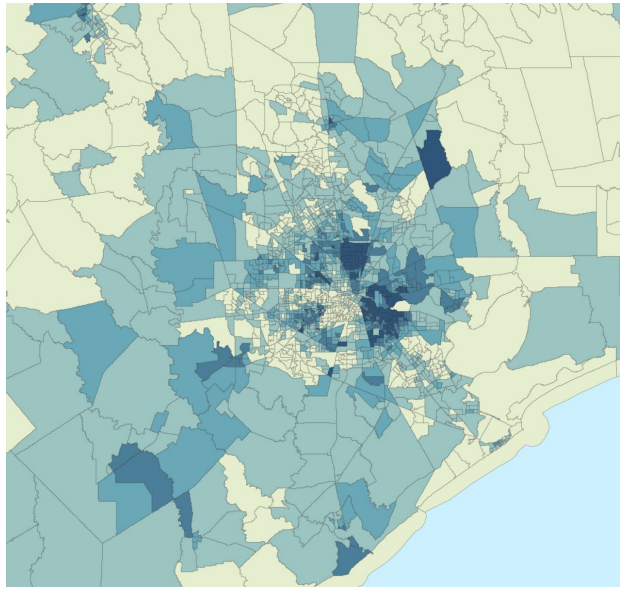
Structure2020

SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File

Percent of Population by Race/Ethnicity, the Greater Houston Area, 2020

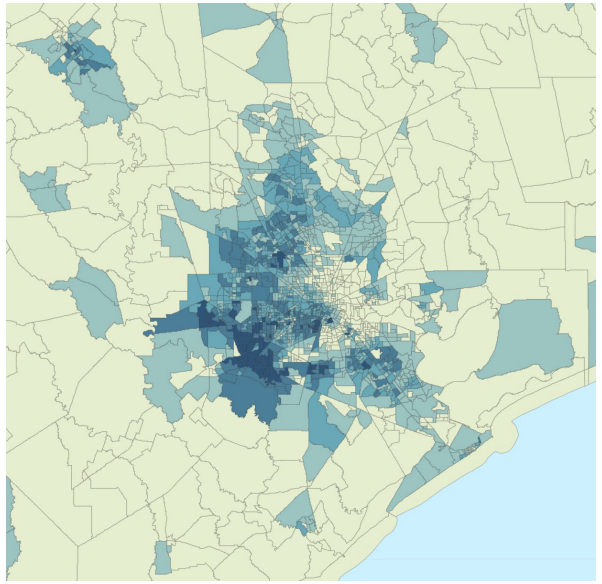
NH White

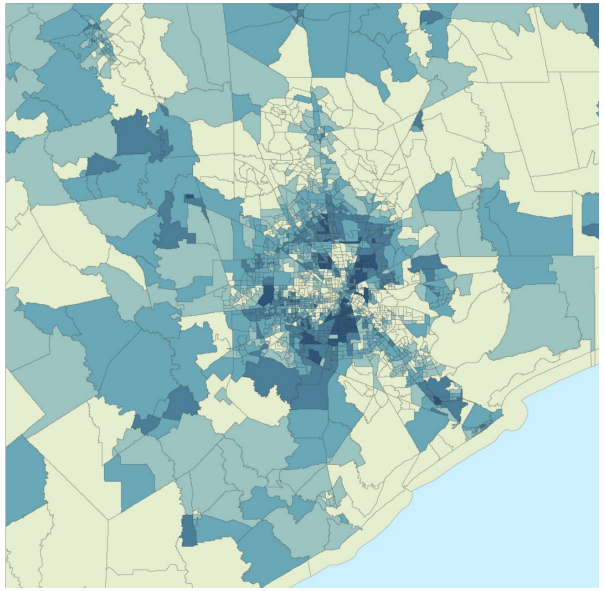




Hispanics

NH Asian

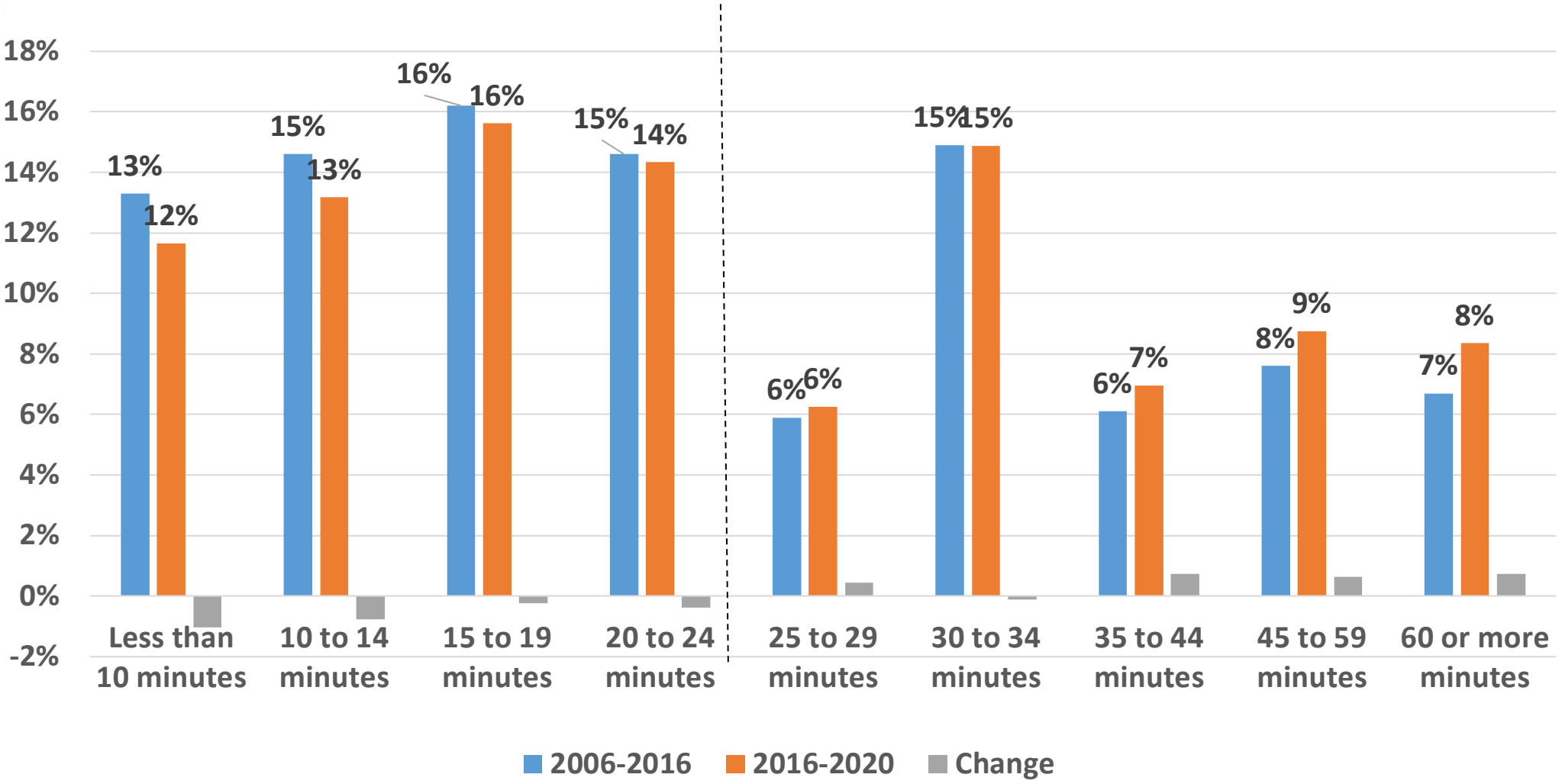




NH Black

Source: U.S. Census Bureau, Decennial Census P.L. 94-171 Redistricting Data

Change in Travel Time to Work, Texas, 2006-2010 and 2016-2020



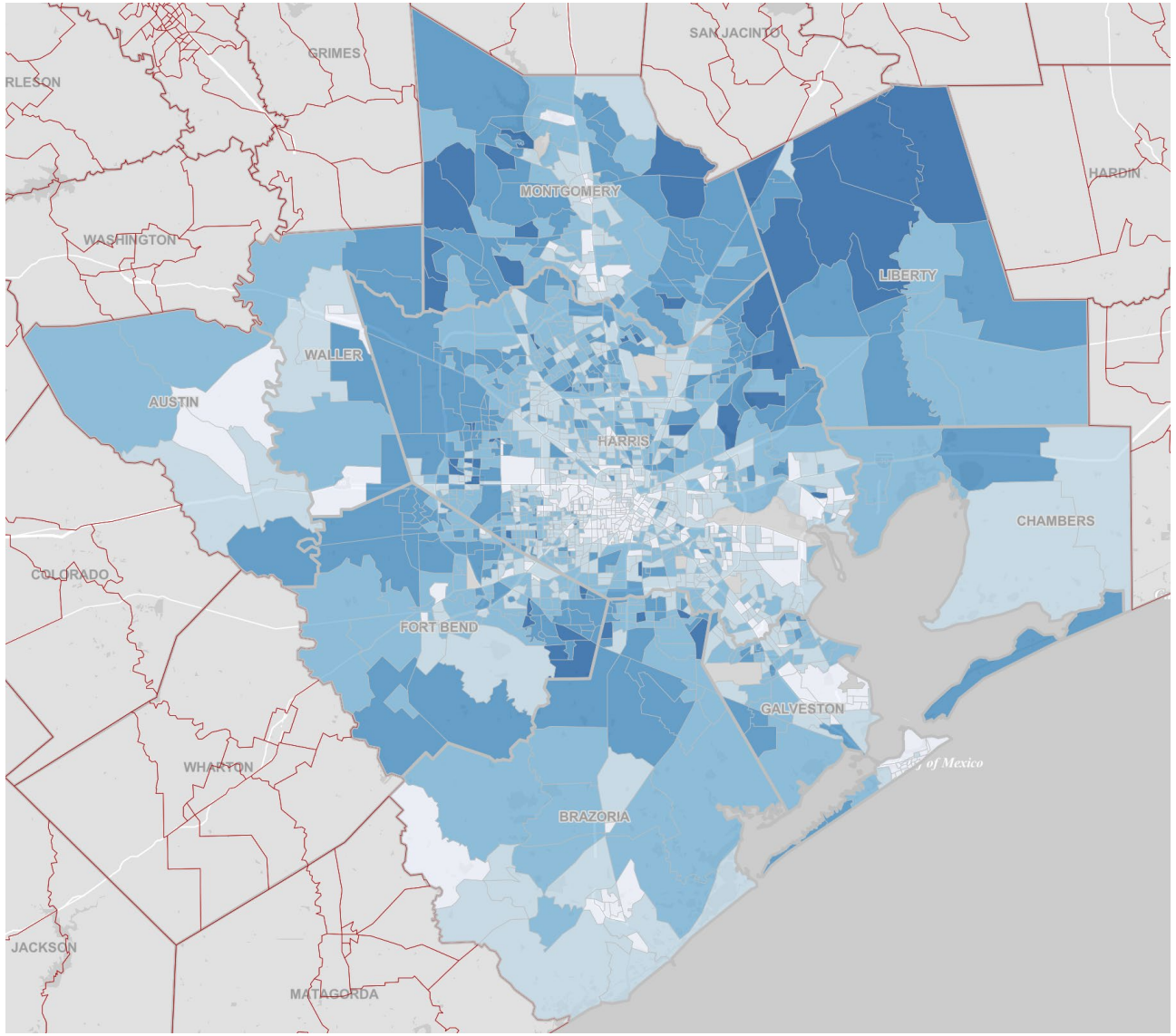
SOURCE: US Census Bureau, 2010 and 2020 5-Year American Community Survey Summary File

Mean Travel Time to Work (minutes), The Greater Houston Area Census Tracts, 2017-2021

Nation: 26.9

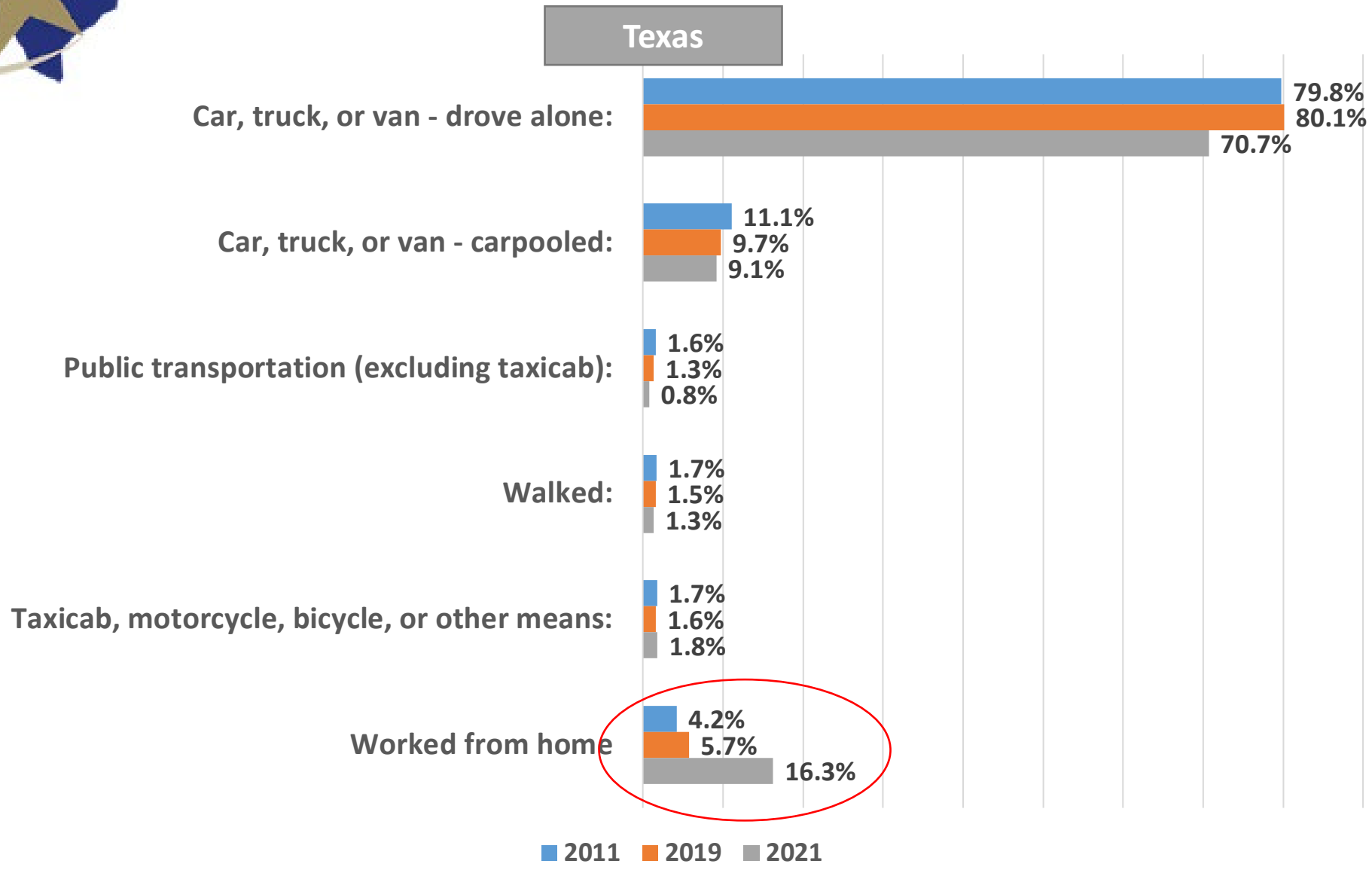
Texas: 26.6

Houston MSA:
2021: 29.8
2011: 28.1



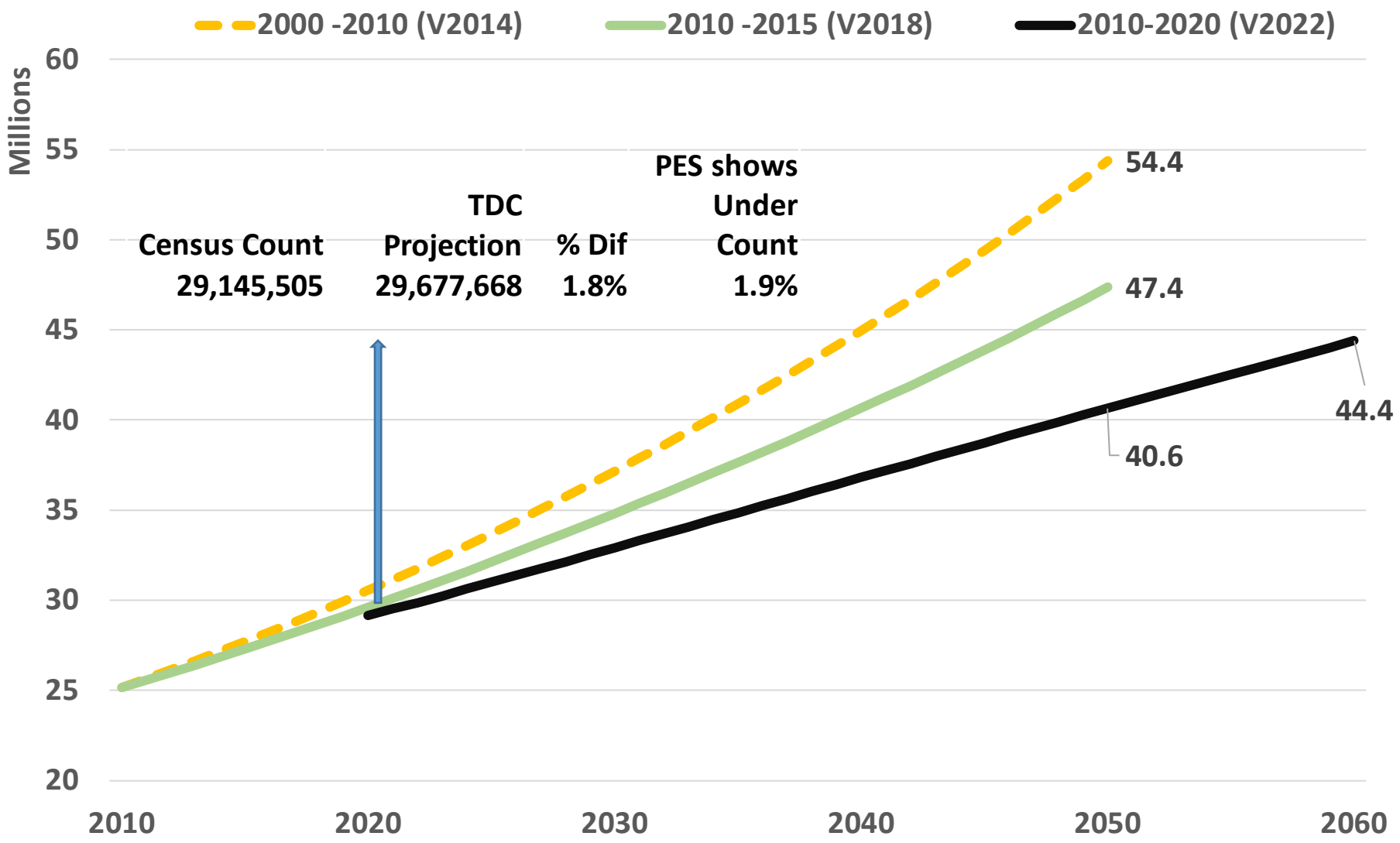
SOURCE: US Census Bureau, 2021 5-Year American Community Survey Summary File

Means of Transportation, 2011, 2019, 2021



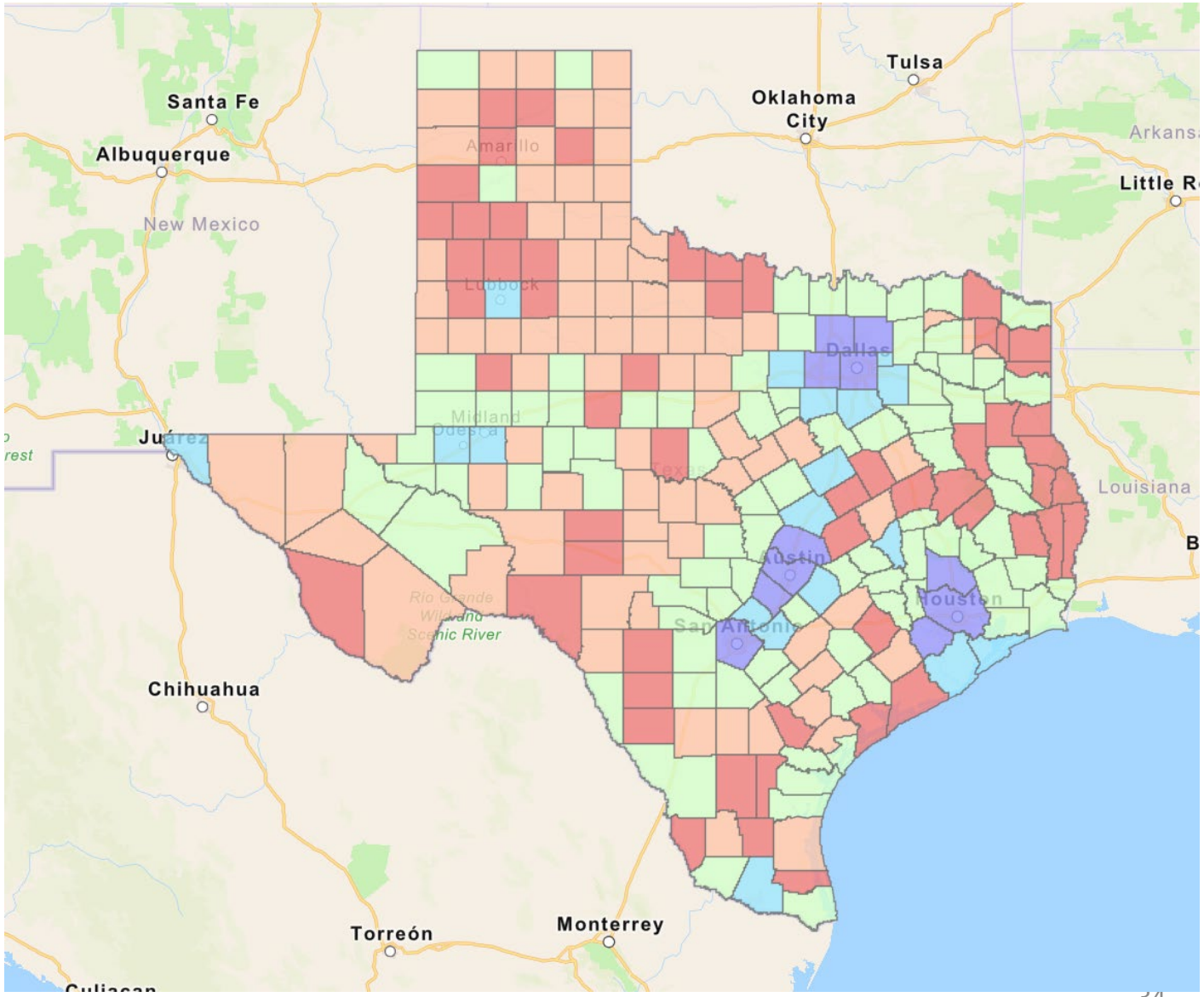
SOURCE: US Census Bureau, 2011, 2019 and 2021 1-Year American Community Survey Summary File

Projected Population Growth in Texas with Various Migration Scenarios



SOURCE: Texas Demographic Center, Vintage 2014 and 2018, 2022 Population Projections

Projected Population Change, Texas Counties, 2020-2040



Legend

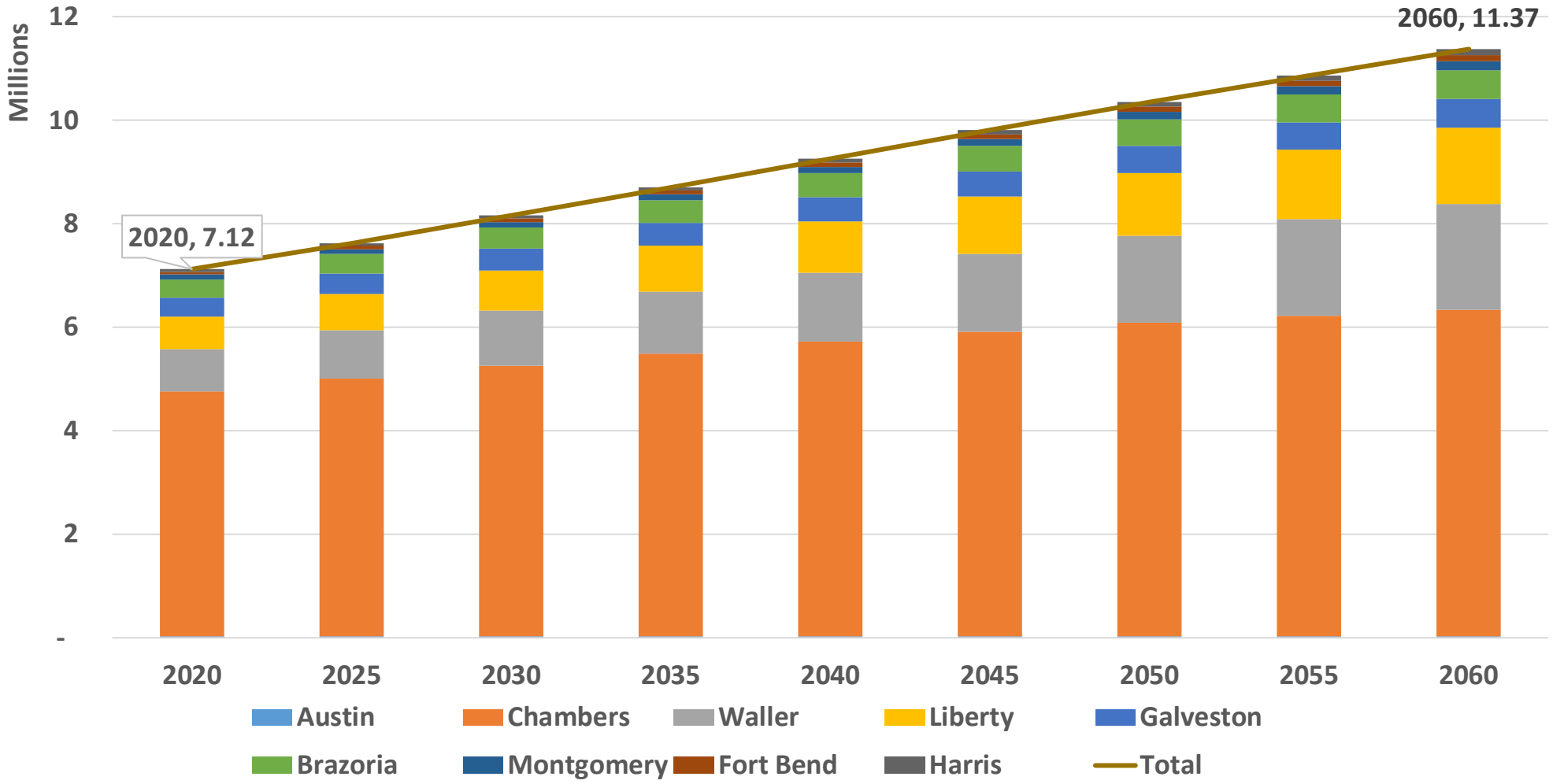
County (1.0 Scenario)

Pop Change 2020-2040 (Number of Counties)

- 200,001 to 959,218 (11)
- 50,001 to 200,000 (18)
- 1 to 50,000 (18)
- -1,001 to 0 (80)
- -10,158 to -1,000 (57)

Source: Texas Demographic Center, 2022 Population Projections

Projected Population Growth in the Greater Houston Area, Assuming 2010-2020 Migration Rates (1.0 Migration Scenario), 2020-2060



Source: Texas Demographic Center, Vintage 2022 Population Projections

To Conclude

- Major demographic trends
  - Continued growth despite the pandemic
  - Increasingly driven by migration
  - Race/ethnic diversity
  - Aging

- Implications for
  - Education
  - Labor force
  - Housing and where people live
  - Transportation

- Future Growth
  - Slow-down of natural increase
  - Domestic migration – slow-down of the US growth
  - Immigration?

Food for thought

? How to attract talents to build a strong labor force

? How to cater to the needs or an increasingly divers population

https://demographics.texas.gov/

https://demographics.texas.gov/Data/Decennial/2020/#redistricting-tile

P.L. 94-171 Redistricting Data Summary

Public Law (P.L.) 94-171, enacted by Congress in December 1975, requires the Census Bureau to provide states the opportunity to identify the small area geography for which they need data in order to conduct legislative redistricting. The law also requires the U.S. Census Bureau to furnish tabulations of population to each state, including for those small areas the states have identified, within one year of Census day.

U.S. Census

Quick Links

- Legacy Format Summary Files
- Technical Documentation - State
- Technical Documentation - National
- Data Maps (pdf format)
- more...

Tx Demographic Center

Texas Area Data Files

Total Population, Housing Unit, and Group Quarter Data by Area

Select File

Voting Population Data by Area

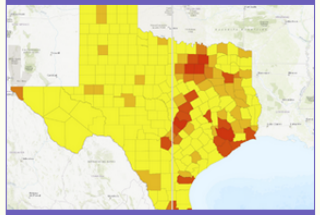
Select File

Visualizations

Interactive Data Tool

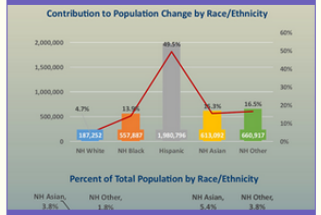
Redistricting Data for Texas Places, 2000-2020

Interactive Map

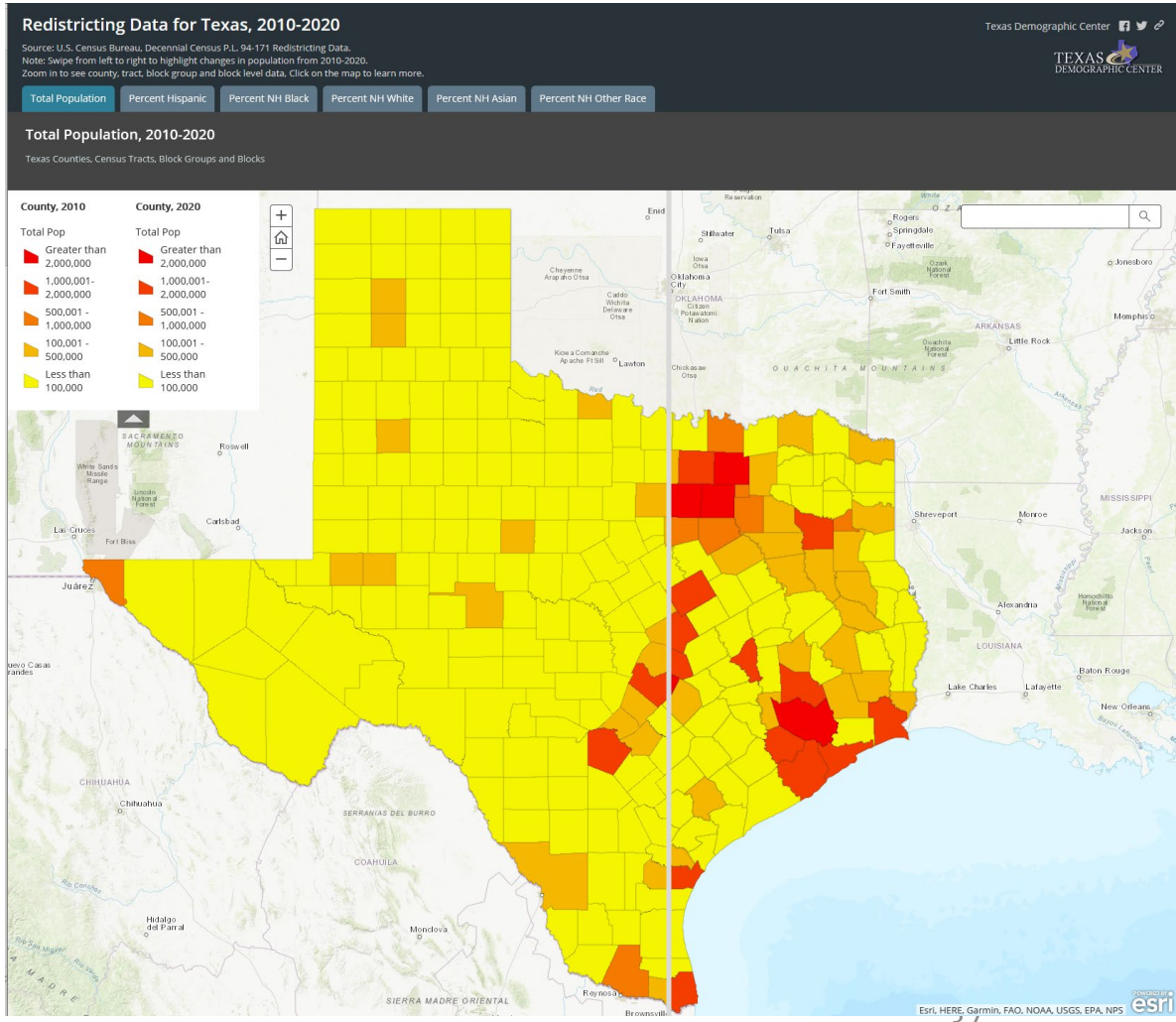


Redistricting Data for Texas, 2010-2020 Swipe Maps

Infographic



Who Contributed to Texas' Population Growth? 2010-2020



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