Demographic Trends and Population Projections for Texas and the Central Texas Region

Presented to

December 9, 2020

We will be discussing:

- Population growth in Texas and the Central Texas region
- The geographic distribution of the population and population growth
- Drivers of population growth in Texas and Central Texas
- The demographic shifts resulting from population growth
- The implications of these demographic shifts
- What's ahead for the population of Texas and the Central Texas region?

Texas is experiencing significant and substantial growth.

Texas adds more population than any other state and at a fast rate.

Population Growth of Select States, 2000-2019					
	2000 Population	2010 Population	2019 Population	Numeric Change 2010-2019	Percent Change 2010-2019
United States	281,421,906	308,745,538	32,823,9523	19,481,418	6.3%
Texas	**20,851,820**	**25,145,561**	**28,995,881**	**3,849,790**	**15.3%**
California	33,871,648	37,253,956	39,512,223	2,257,704	6.1%
Florida	15,982,378	18,801,310	21,477,737	2,673,173	14.2%
Georgia	8,186,453	9,687,653	10,617,423	928,694	9.6%
North Carolina	8,049,313	9,535,483	10,488,084	952,333	10.0%
Washington	5,894,121	6,724,540	7,614,893	890,353	13.2%
Arizona	5,130,632	6,392,017	7,278,717	886,429	13.9%
Colorado	5,029,196	5,029,196	5,758,736	729,417	14.5%

Source: U.S. Census Bureau, 2000 and 2010 Decennial Census; 2019 Vintage population estimates

Five of the 15 largest U.S. cities are in Texas.

Rank	Place	Census 2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
1	New York, NY	8,175,133	8,272,948	8,346,693	8,396,091	8,433,806	8,463,049	8,469,153	8,437,478	8,390,081	8,336,817
2	Los Angeles, CA	3,792,621	3,820,876	3,851,202	3,881,622	3,909,901	3,938,568	3,963,226	3,975,788	3,977,596	3,979,576
3	Chicago, IL	2,695,598	2,708,114	2,719,141	2,725,731	2,727,066	2,724,344	2,716,723	2,711,069	2,701,423	2,693,976
4	**Houston, TX**	**2,099,451**	**2,126,032**	**2,161,593**	**2,199,391**	**2,241,826**	**2,286,908**	**2,309,544**	**2,316,750**	**2,318,573**	**2,320,268**
5	Phoenix, AZ	1,445,632	1,469,796	1,499,274	1,526,491	1,555,445	1,583,690	1,612,199	1,633,560	1,654,675	1,680,992
6	Philadelphia, PA	1,526,006	1,540,466	1,551,824	1,558,313	1,565,460	1,571,065	1,576,051	1,580,601	1,583,592	1,584,064
7	**San Antonio, TX**	**1,327,407**	**1,357,120**	**1,383,075**	**1,408,339**	**1,435,456**	**1,464,043**	**1,487,843**	**1,511,154**	**1,530,016**	**1,547,253**
8	San Diego, CA	1,307,402	1,319,592	1,336,776	1,355,320	1,375,831	1,387,323	1,402,089	1,412,621	1,421,917	1,423,851
9	**Dallas, TX**	**1,197,816**	**1,218,282**	**1,242,115**	**1,258,835**	**1,279,098**	**1,301,329**	**1,323,916**	**1,342,479**	**1,341,802**	**1,343,573**
10	San Jose, CA	945,942	970,369	983,530	1,001,279	1,014,273	1,025,980	1,030,242	1,032,335	1,028,020	1,021,795
11	**Austin, TX**	**790,390**	**828,459**	**854,482**	**875,003**	**901,170**	**921,114**	**939,447**	**951,553**	**962,469**	**978,908**
12	Jacksonville, FL	821,784	829,609	837,013	842,735	852,494	865,836	880,520	892,025	902,437	911,507
13	**Fort Worth, TX**	**741,206**	**764,142**	**781,046**	**796,073**	**815,057**	**835,356**	**856,177**	**874,809**	**893,216**	**909,585**
14	Columbus, OH	787,033	800,607	812,740	827,797	841,673	854,950	866,894	881,694	890,869	898,553
15	Charlotte, NC	731,424	754,829	773,264	792,047	807,400	825,668	843,117	860,002	872,514	885,708

Source: U.S. Census Bureau, 2019 Vintage Population Estimates

Nearly a third of the 15 fastest-growing large cities and towns in the country are in Texas.

Rank	Geographic Area	Population Estimate		Change, 2018 to 2019	
		July 1, 2018	July 1, 2019	Number	Percent
1	**Leander, TX**	**55,924**	**62,608**	**6,684**	**12.0**
2	Apex, NC	53,859	59,300	5,441	10.1
3	Chico, CA	94,342	103,301	8,959	9.5
4	Doral, FL	60,762	65,741	4,979	8.2
5	Bentonville, AR	51,103	54,909	3,806	7.4
6	Meridian, ID	106,464	114,161	7,697	7.2
7	**Georgetown, TX**	**74,275**	**79,604**	**5,329**	**7.2**
8	Buckeye, AZ	74,339	79,620	5,281	7.1
9	**New Braunfels, TX**	**84,495**	**90,209**	**5,714**	**6.8**
10	Redmond, WA	67,436	71,929	4,493	6.7
11	**Frisco, TX**	**188,452**	**200,490**	**12,038**	**6.4**
12	Fort Myers, FL	82,229	87,103	4,874	5.9
13	Lehi, UT	65,958	69,724	3,766	5.7
14	Castle Rock, CO	65,000	68,484	3,484	5.4
15	Milpitas, CA	80,208	84,196	3,988	5.0

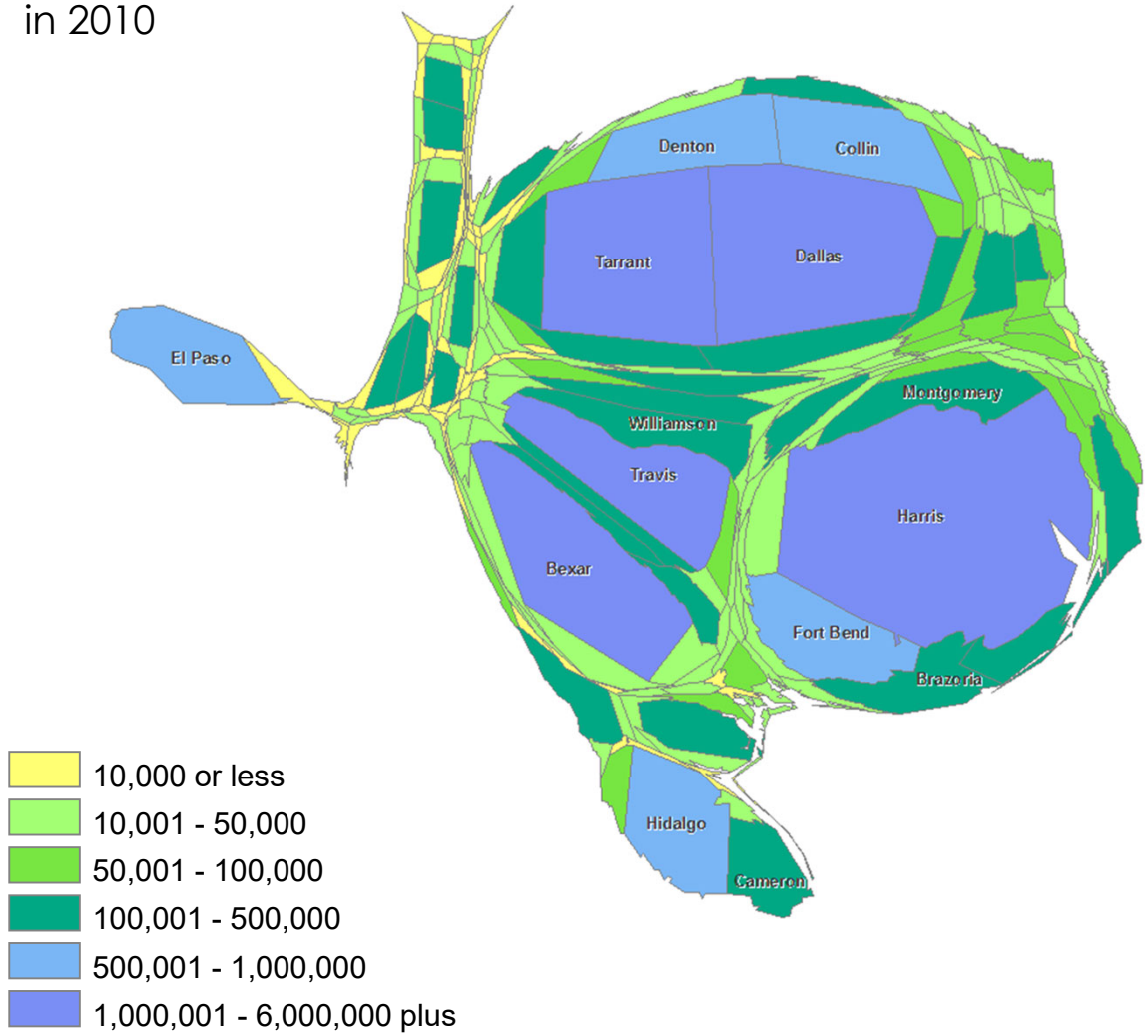
Source: U.S. Census Bureau, 2019 Vintage Population Estimates; Note: among places with populations of 50,000 or more in 2018

Austin is the fastest growing metro among large U.S. metro areas.

Top 15 Metros in Numeric Growth, 2010-2019						
Rank	Name	April 1, 2010	July 1, 2018	July 1, 2019	Numeric Change	Percent Change
1	**Dallas-Fort Worth-Arlington, TX**	**6,366,537**	**7,455,756**	**7,573,136**	**1,206,599**	**19.0**
2	**Houston-The Woodlands-Sugar Land, TX**	**5,920,487**	**4,849,209**	**7,066,141**	**1,145,654**	**19.4**
3	Phoenix-Mesa-Chandler, AZ	4,193,129	4,849,209	4,948,203	755,074	18.0
4	Atlanta-Sandy Springs-Alpharetta, GA	5,286,718	6,976,147	6,020,364	733,646	13.9
5	Washington-Arlington-Alexandria, DC-VA-MD-WV	5,649,688	5,945,303	6,280,487	630,799	11.2
6	Miami-Fort Lauderdale-Pompano Beach, FL	5,566,274	6,143,837	6,166,488	600,214	10.8
7	Seattle-Tacoma-Bellevue, WA	3,439,808	3,935,179	3,979,845	540,037	15.7
8	**Austin-Round Rock-Georgetown, TX**	**1,716,323**	**2,165,497**	**2,227,083**	**510,760**	**29.8**
9	Orlando-Kissimmee-Sanford, FL	2,134,399	2,574,838	2,608,147	473,748	22.2
10	Riverside-San Bernardino-Ontario, CA	4,224,948	4,612,542	4,650,631	425,683	10.1
11	Denver-Aurora-Lakewood, CO	2,543,608	2,931,665	2,967,239	423,631	16.7
12	Tampa-St. Petersburg-Clearwater, FL	2,783,485	3,154,649	3,194,831	411,346	14.8
13	**San Antonio-New Braunfels, TX**	**2,142,520**	**2,512,379**	**2,550,960**	**408,440**	**19.1**
14	San Francisco-Oakland-Berkeley, CA	4,335,593	4,726,314	4,731,803	396,210	9.1
15	Charlotte-Concord-Gastonia, NC-SC	2,243,963	2,592,950	2,636,883	392,920	17.5

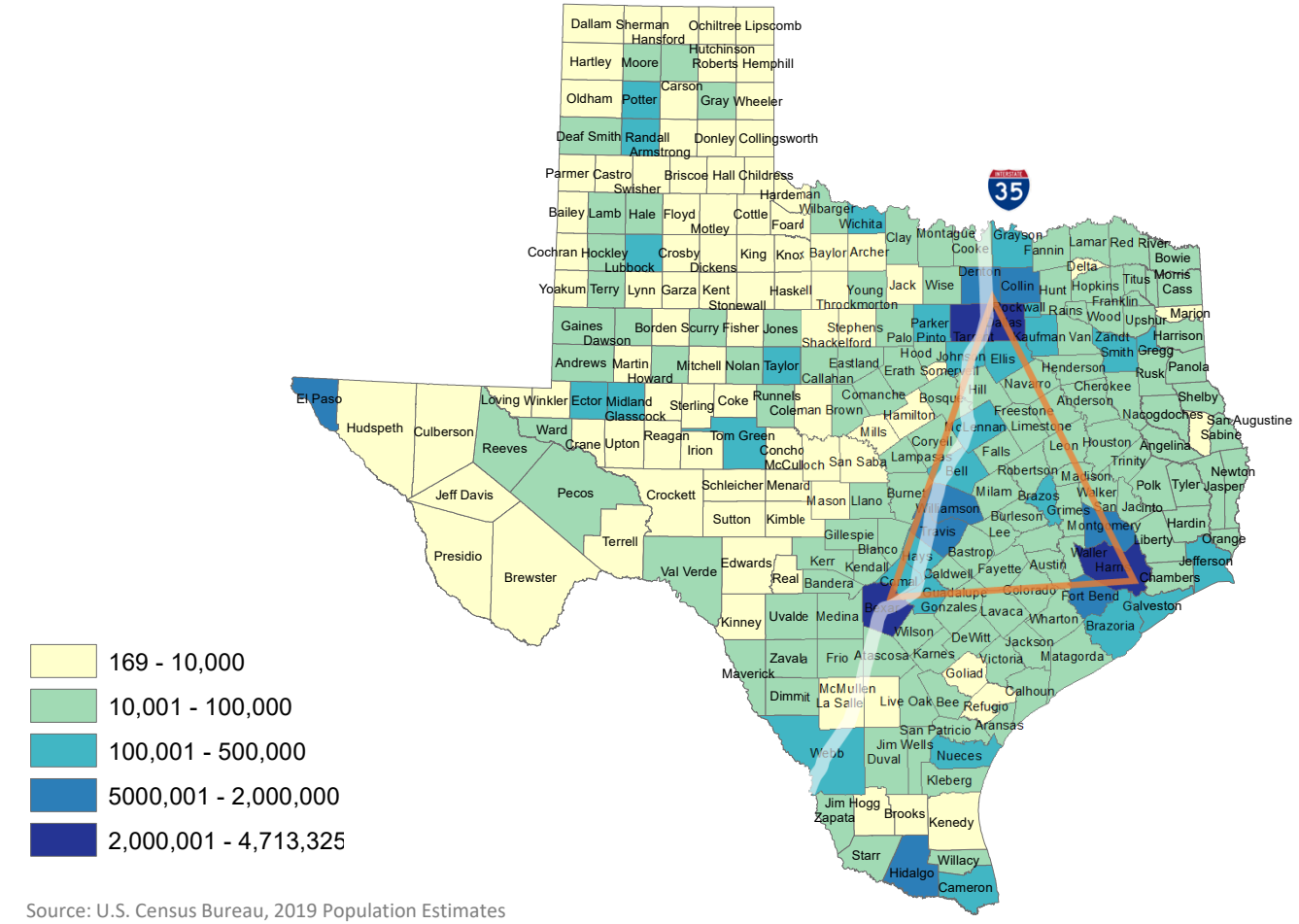
Source: U.S. Census Bureau, 2019 Vintage Population Estimates

Cartogram of Texas County Populations in 2010



Population and population growth in Texas are not evenly geographically distributed.

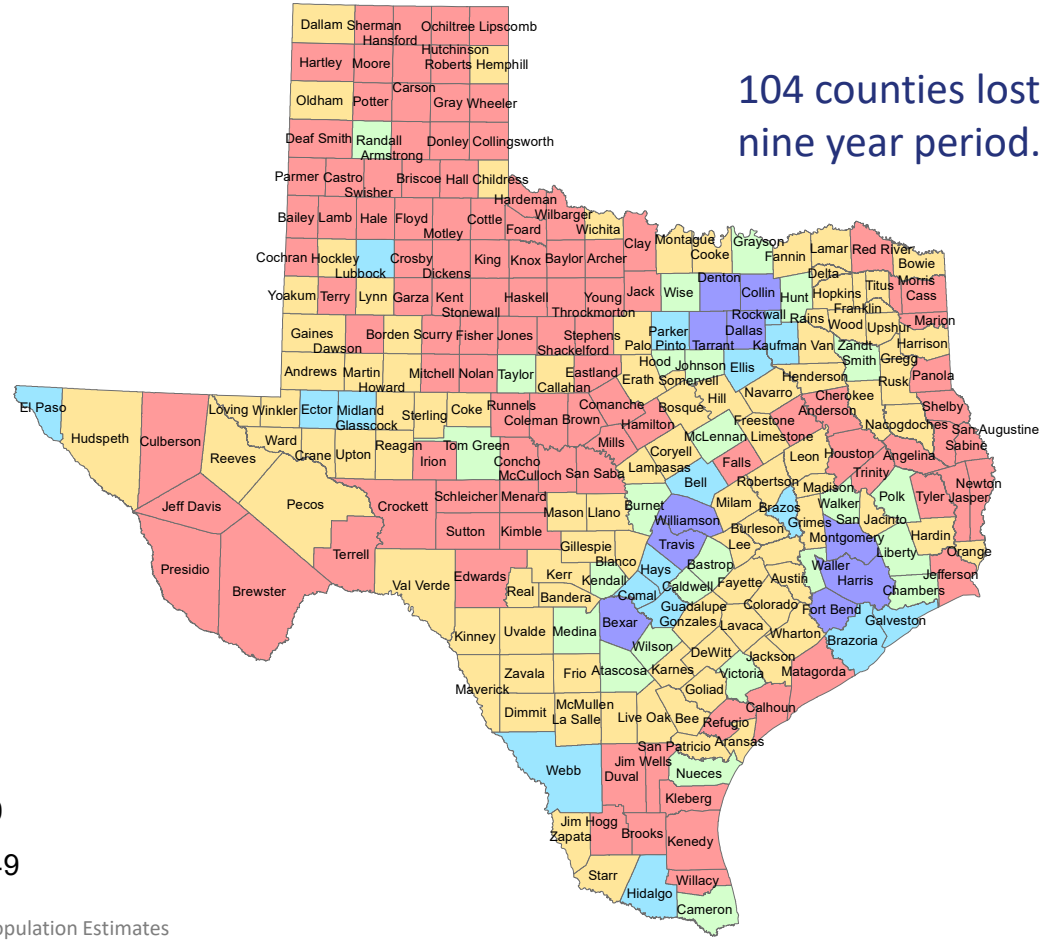
Total Estimated Population by County, Texas, 2019



Source: U.S. Census Bureau, 2019 Population Estimates

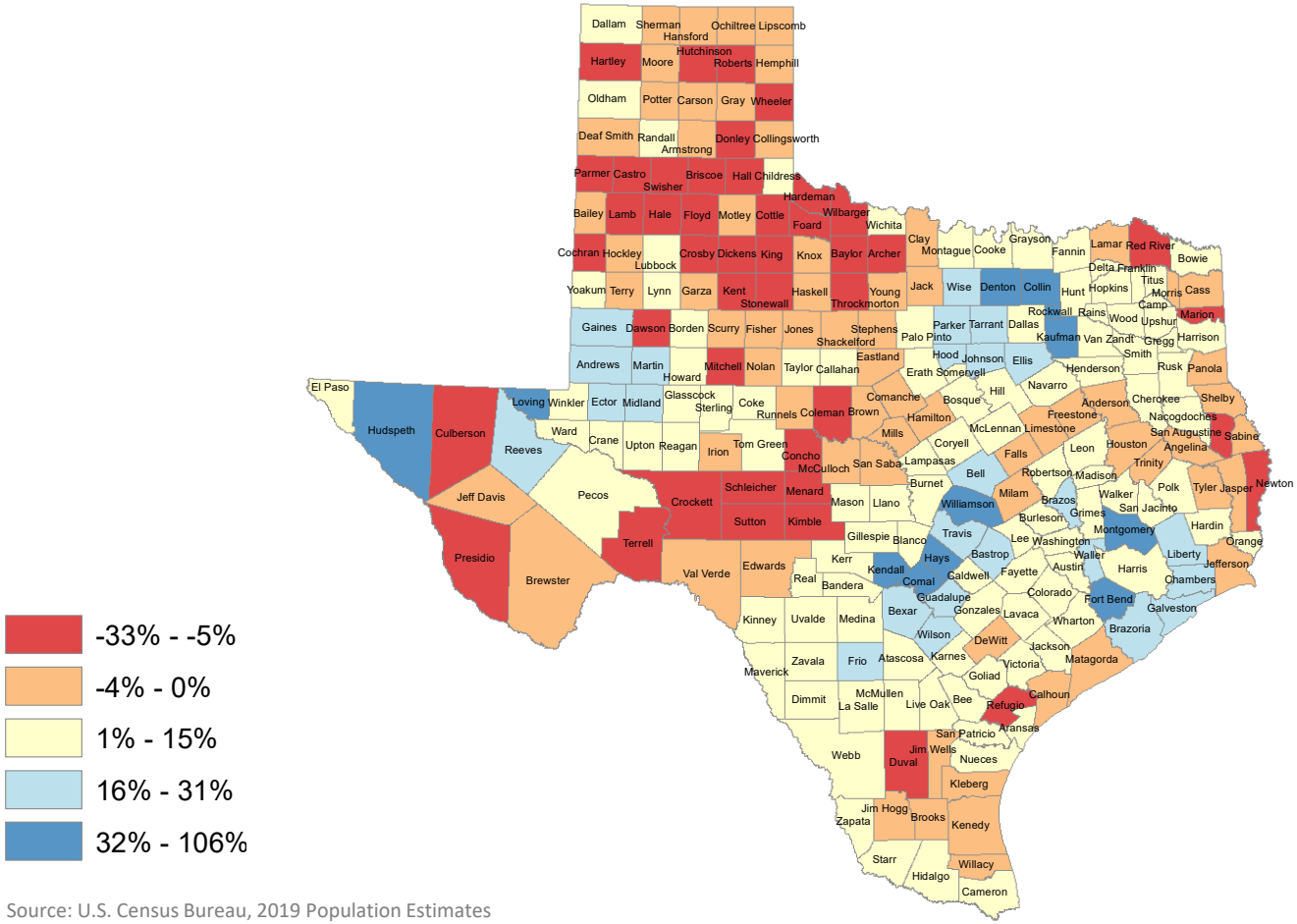
Estimated Numeric Change, Texas Counties, 2010-2019

104 counties lost population during this nine year period.



Source: U.S. Census Bureau, 2019 Population Estimates

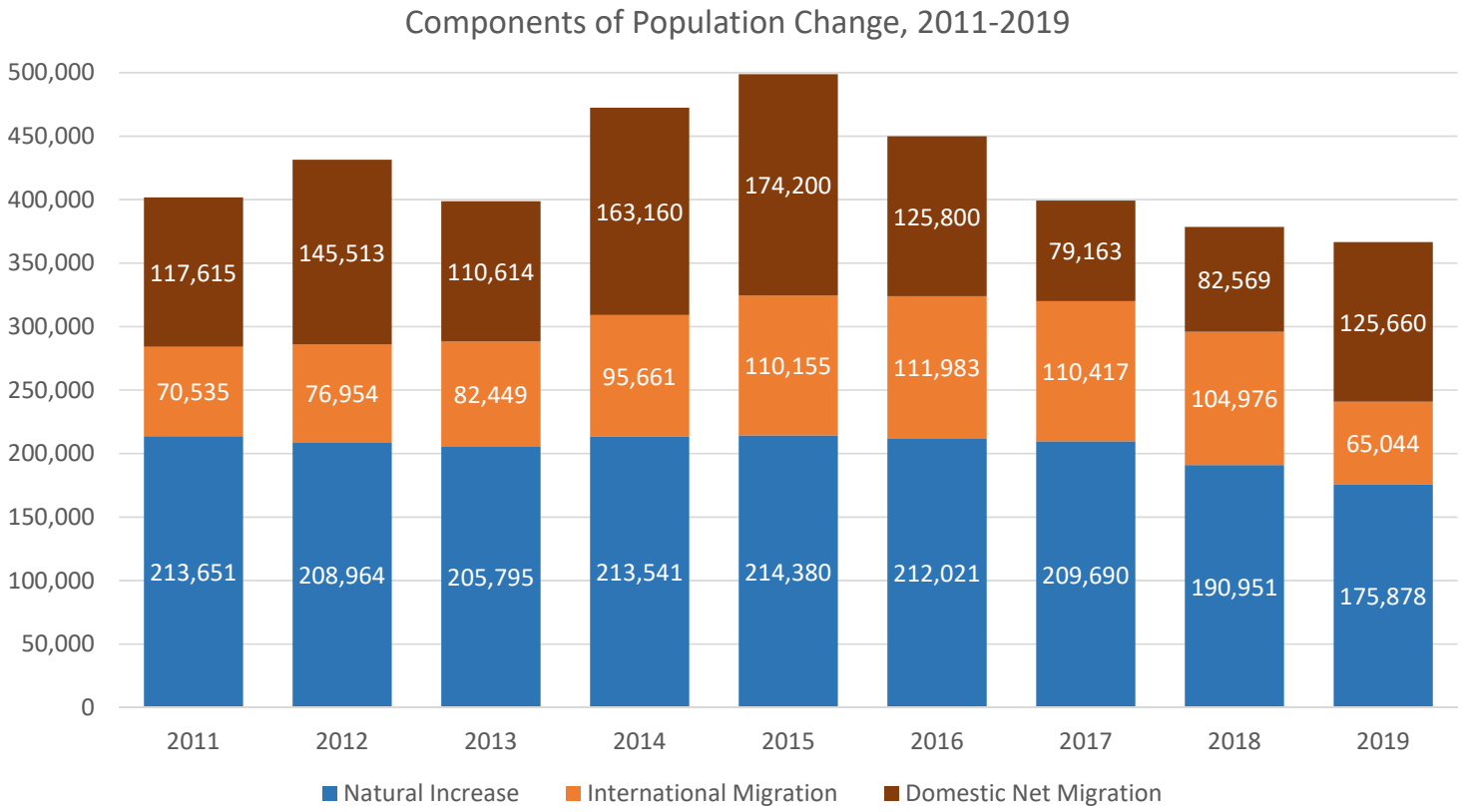
Estimated Percent Change, Texas Counties, 2010-2019



Source: U.S. Census Bureau, 2019 Population Estimates

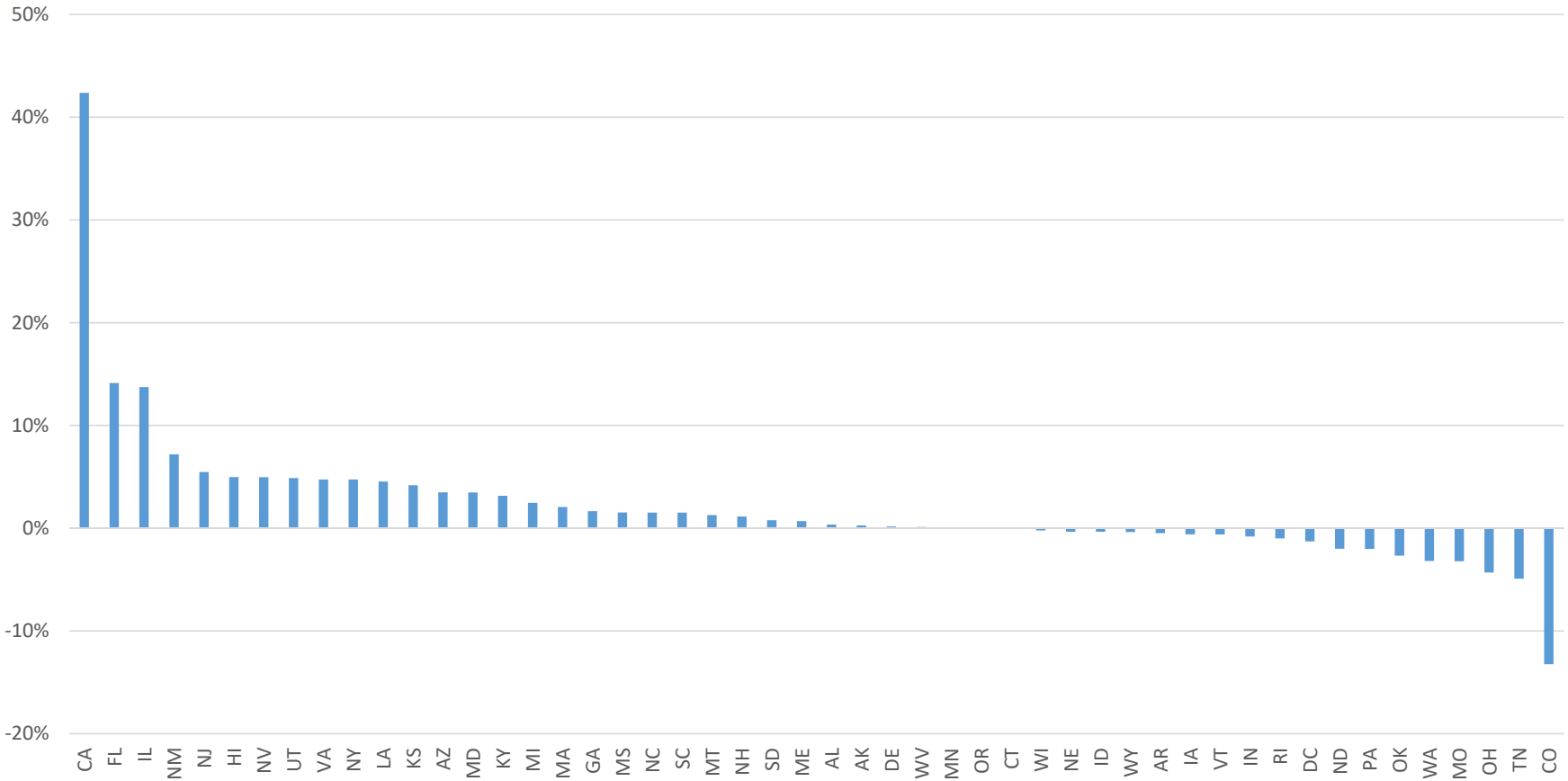
What is driving population growth in Texas?

Migration and natural increase contribute about equally to population growth in Texas.



Source: U.S. Census Bureau, 2019 Vintage population estimates

Estimated Percent of Total Net-Migrant Flows to and from Texas, 2019



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

Components of Population Change, Central Texas Counties, 2010-2019

Components of Population Change, Central Texas Counties, 2010-2019				
	Population Change, 2010 to 2019	Natural Increase	International Migration	Domestic Migration
Bastrop County	14,506	21.6%	-0.6%	**78.4%**
Burnet County	5,444	0.3%	-0.2%	**99.7%**
Caldwell County	5,609	31.6%	3.3%	**65.2%**
Hays County	73,088	17.3%	3.2%	**78.2%**
Travis County	249,510	38.6%	20.2%	40.2%
Williamson County	168,047	21.3%	5.9%	**71.9%**

Source: U.S. Census Bureau, 2019 Vintage population estimates

Estimated County-to-County Migration Flows, Central Texas Counties, 2014-2018

Travis County

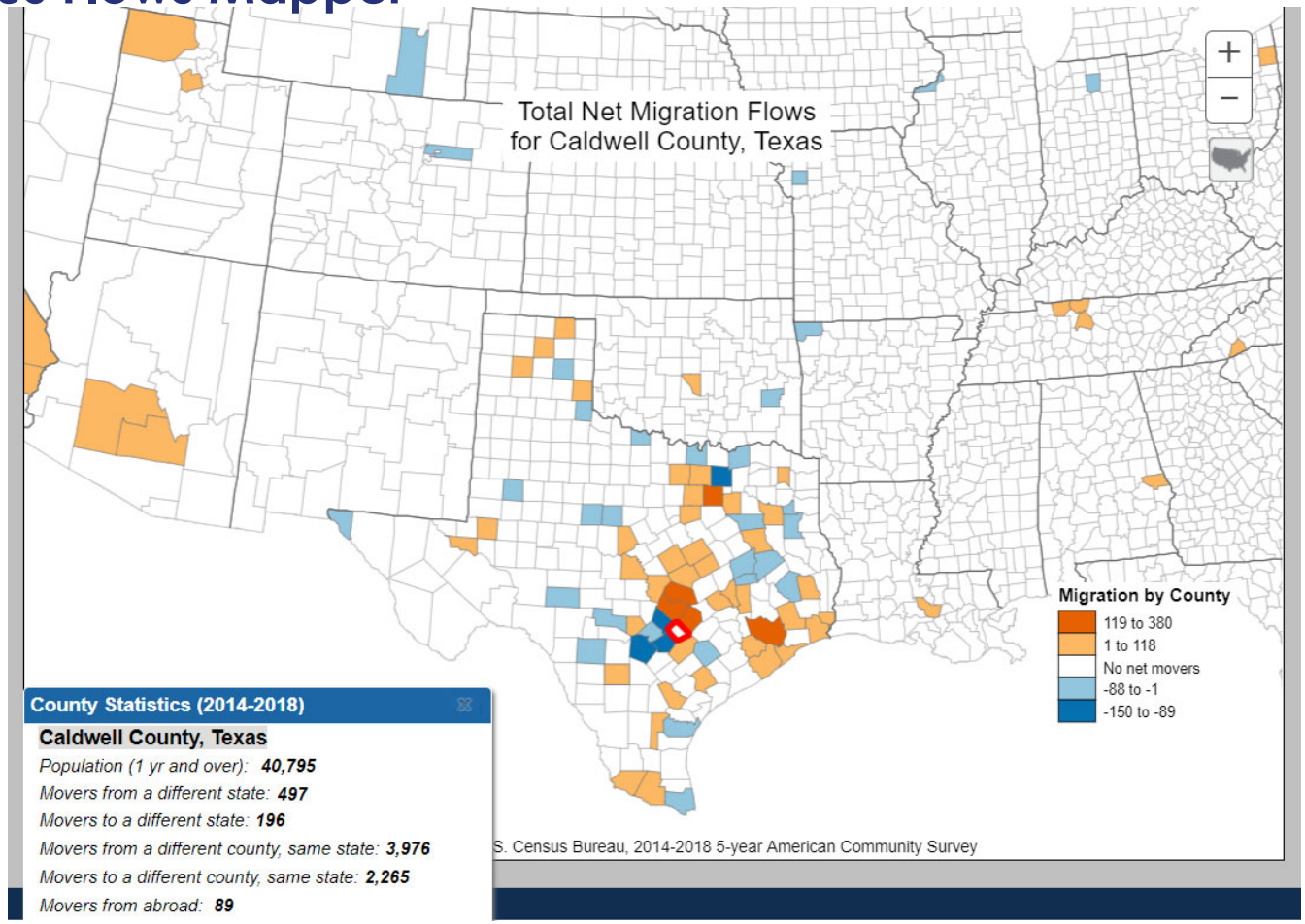
	In-Flows	Net Migration
Williamson County	10,147	-6795
Harris County	5,746	1,850
Asia	4,803	
Hays County	4,240	-1,862
Bexar County	3,758	541
Dallas County	3,005	1,071
Central America	2,062	
Tarrant County	2,053	701
Los Angeles County, CA	1,770	868
Brazos County	607	-897
Bastrop County	1,423	-1,112
Bell County	966	-717
Caldwell County	162	-380
Burnet County	99	-127

Williamson County

	In-Flows	Net Migration
Travis County	10,147	6795
Asia	1,548	
Bexar County	1,385	684
Harris County	1,315	407
Bell County	1,236	-469
Central America	989	
Tarrant County	858	317
Los Angeles County, CA	717	626
Hays County	655	-34
Brazos County	599	16
Bastrop County	338	217
Burnet County	199	-306
Caldwell County	26	-162

Source: U.S. Census Bureau, American Community Survey County to County Migration Flows, 2014-2018

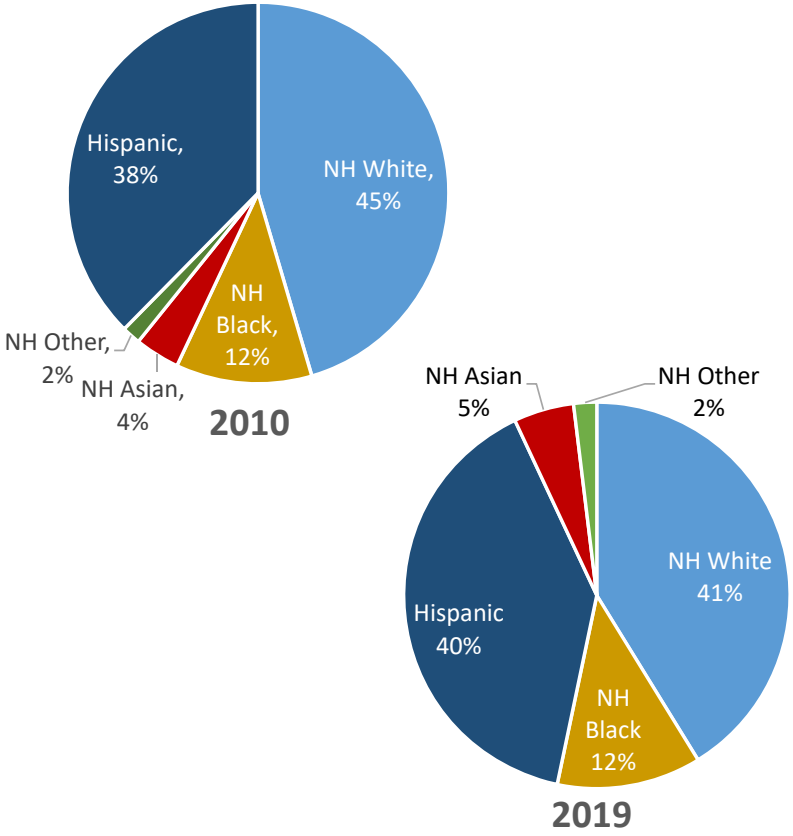
Census Flows Mapper



https://flowsmapper.geo.census.gov/map.html

As Texas grows, it ages and continues to diversify.

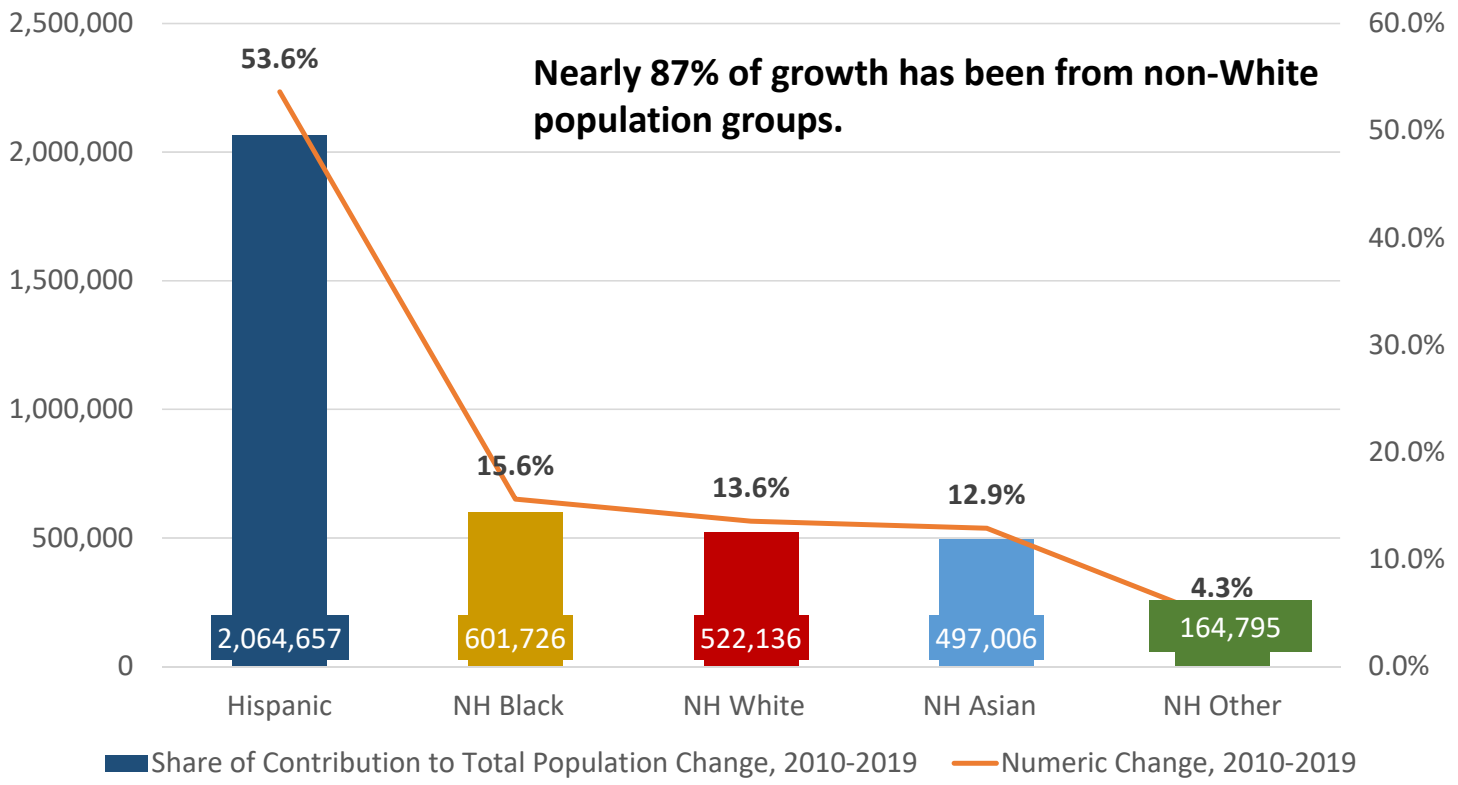
Race/Ethnicity Composition, Texas, 2010-2019



Race/Ethnicity	2019 Population Estimate
NH White	11,950,774
Hispanic	11,525,578
NH Black	3,501,610
NH Asian	1,457,549
NH Two or More Races	425,866
NH American Indian & Alaska Native	94,168
NH Native Hawaiian & Other Pacific Islander	25,861

Source: U.S. Census Bureau. 2019 Population Estimates

Population Change by Race/Ethnicity, 2010-2019



Source: U.S. Census Bureau. 2019 Population Estimates

Race/Ethnicity Composition, Central Texas Counties, 2019

	Total	NH White	Hispanic	NH Black	NH Asian	NH Other
Travis	1,273,954	622,339	428,571	102,257	91,682	29,105
Williamson	590,551	342,586	146,602	39,330	46,076	15,957
Hays	230,191	120,830	92,274	8,942	3,536	4,609
Bastrop	88,723	45,358	35,189	5,812	642	1,722
Burnet	48,155	35,194	10,874	832	413	842
Caldwell	43,664	16,696	23,488	2,481	392	607

Race/Ethnicity Composition, 2019

	Total	NH White	NH Black	NH Asian	NH Other	Hispanic
Bastrop	88,723	51.1%	6.6%	0.7%	1.9%	39.7%
Burnet	48,155	73.1%	1.7%	0.9%	1.7%	22.6%
Caldwell	43,664	38.2%	5.7%	0.9%	1.4%	53.8%
Hays	230,191	52.5%	3.9%	1.5%	2.0%	40.1%
Travis	1,273,954	48.9%	8.0%	7.2%	2.3%	33.6%
Williamson	590,551	58.0%	6.7%	7.8%	2.7%	24.8%

Note: Red text indicates drop in share from 2010.

Source: U.S. Census Bureau, 2019 Population Estimates

Race/Ethnicity Composition, Central Texas Counties, 2010-2019

Percent Change by Race/Ethnicity, 2010 - 2019

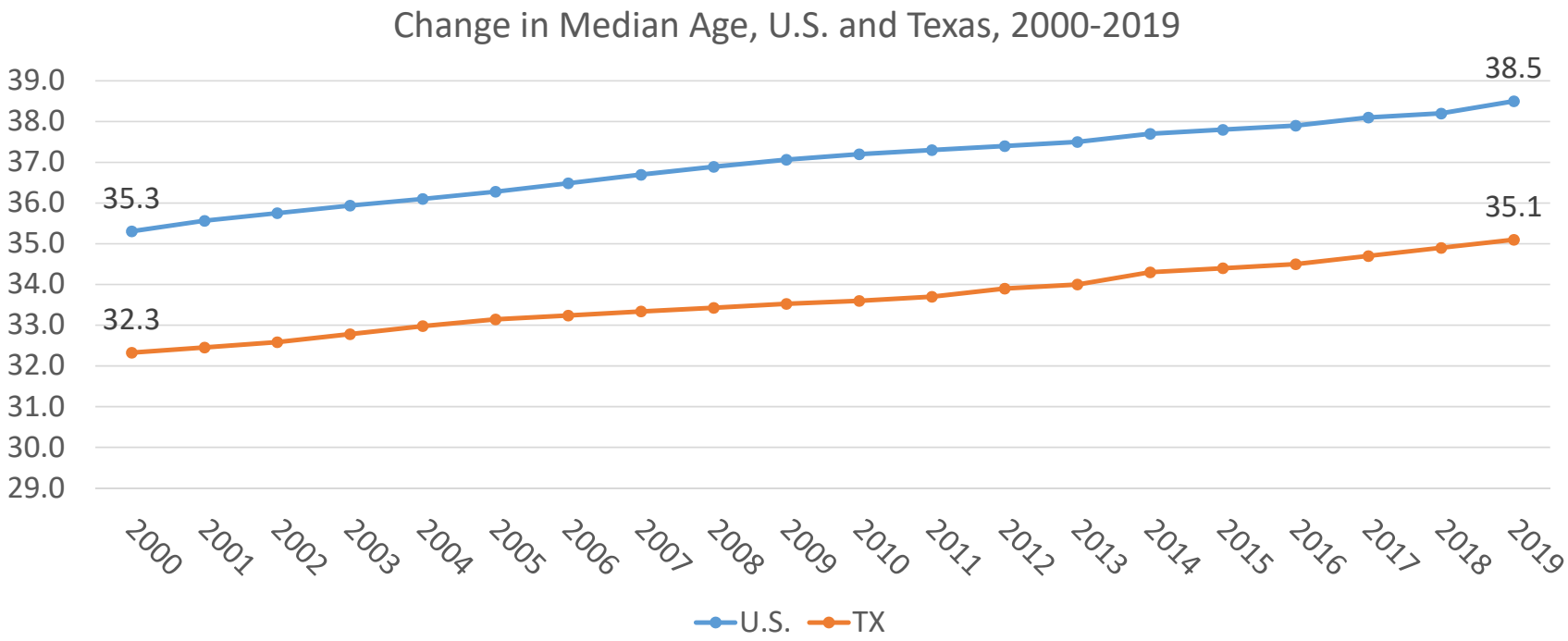
	Total	NH White	NH Black	NH Asian	NH Other	Hispanic
Bastrop	19.6%	6.5%	4.4%	41.1%	24.4%	**45.5%**
Burnet	12.6%	8.0%	18.3%	**107.5%**	39.2%	25.7%
Caldwell	14.7%	-1.2%	0.2%	13.3%	**43.2%**	31.1%
Hays	46.5%	30.8%	78.6%	**105.0%**	75.4%	66.6%
Travis	24.4%	19.8%	22.7%	**55.3%**	47.1%	25.0%
Williamson	39.7%	26.8%	58.0%	**127.2%**	72.1%	49.5%

Percent Contribution by Race/Ethnicity of Total Population Change, 2010 to 2019

	Total	NH White	NH Black	NH Asian	NH Other	Hispanic
Bastrop	14,552	19.1%	1.7%	1.3%	2.3%	**75.6%**
Blanco	5,405	**48.2%**	2.4%	4.0%	4.4%	41.1%
Caldwell	5,598	-3.6%	0.1%	0.8%	3.3%	**99.4%**
Hays	73,084	39.0%	5.4%	2.5%	2.7%	**50.5%**
Travis	249,688	**41.3%**	7.6%	13.1%	3.7%	34.4%
Williamson	167,872	**43.1%**	8.6%	15.4%	4.0%	28.9%

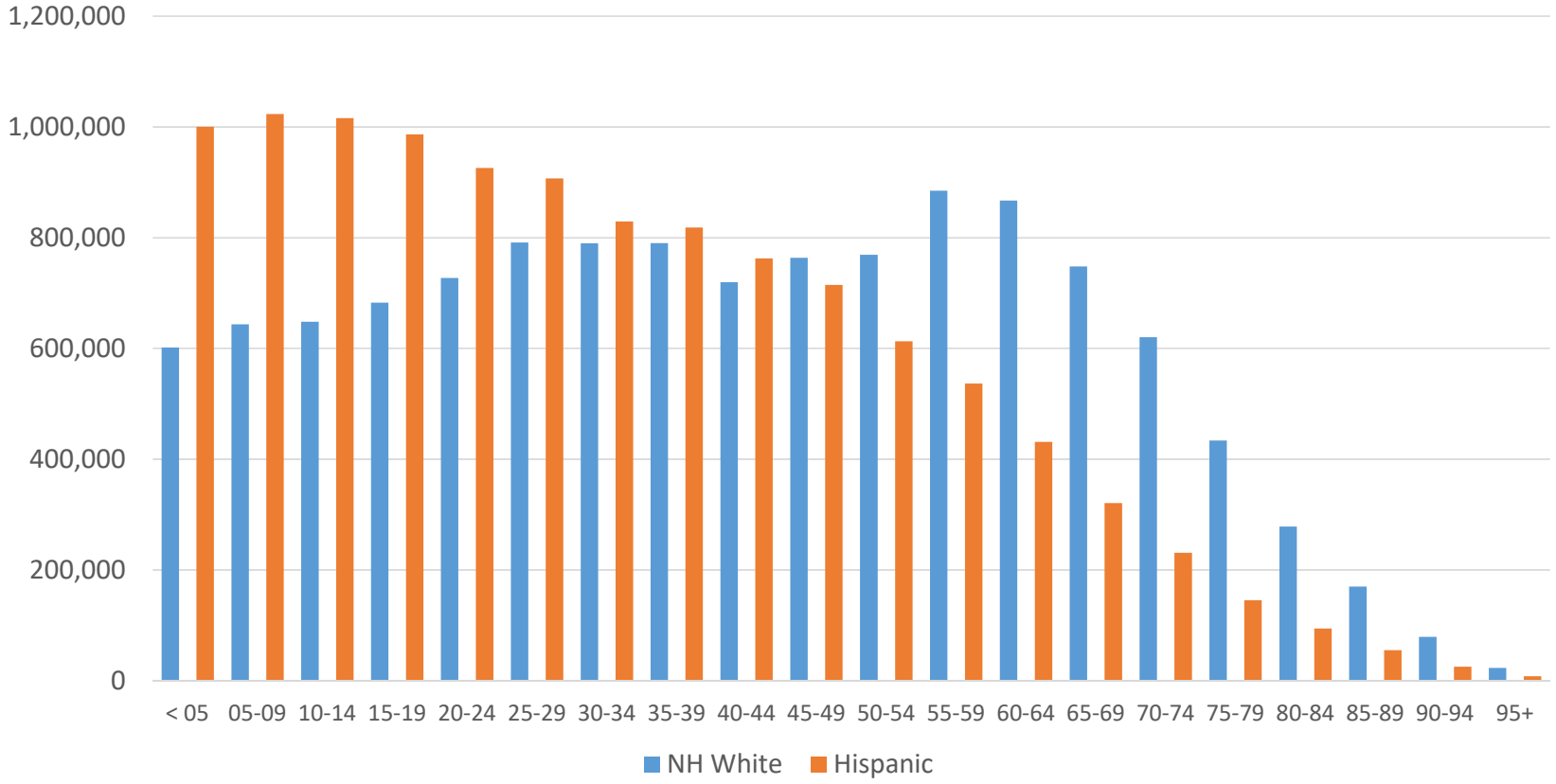
Source: U.S. Census Bureau, 2019 Population Estimates

Texas is relatively young but aging.



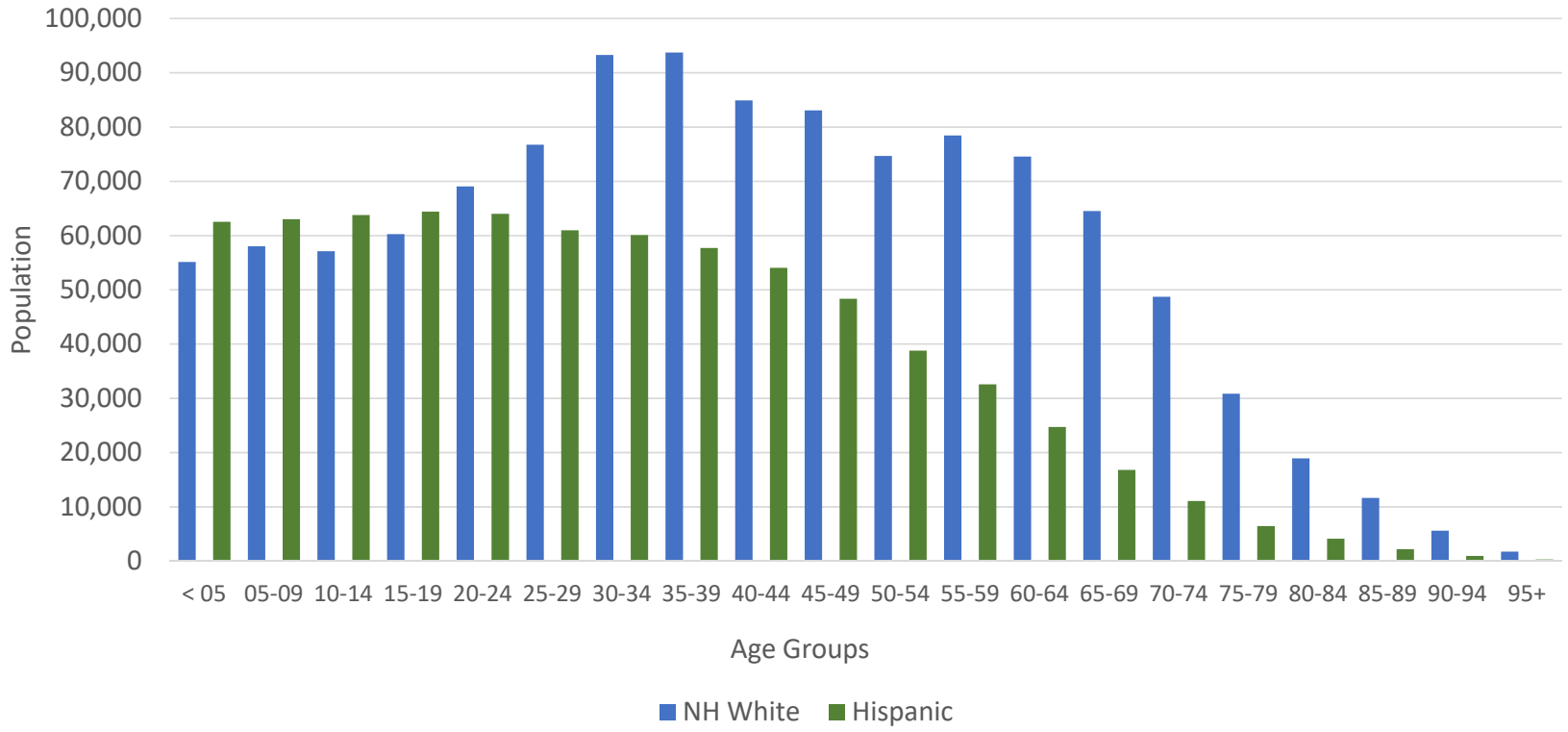
Source: U.S. Census Bureau, 2010 Decennial Census, 2019 American Community Survey 1-Year Estimates

In Texas in 2019, there are more Hispanics than NH Whites below age 45; more NH Whites at 45 and older.



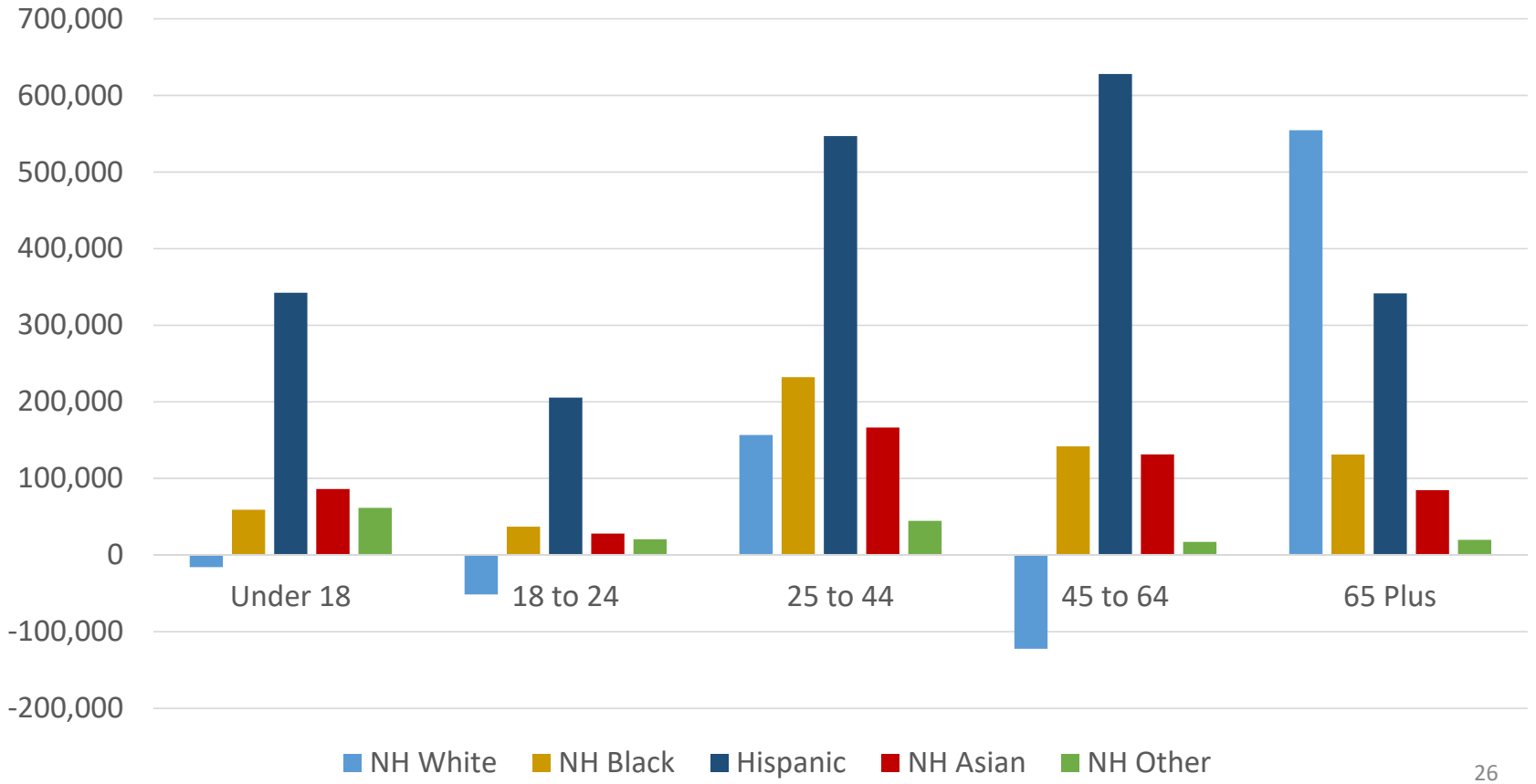
Source: Texas Demographic Center, 2019 Population Estimates

In the Austin Metro Area in 2019, there are more Hispanics than NH Whites below age 25; more NH Whites at 25 and older.



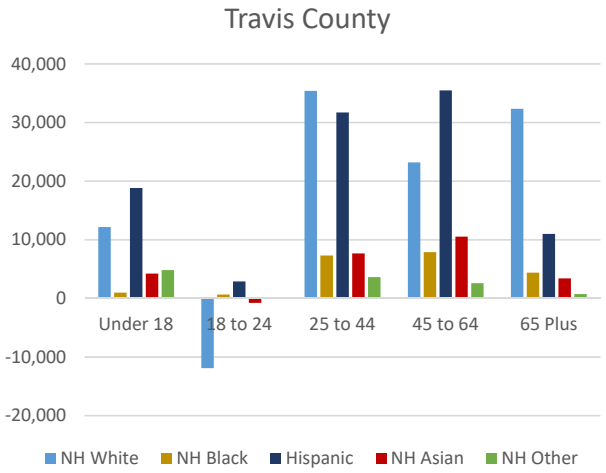
Source: Texas Demographic Center, 2019 Population Estimates

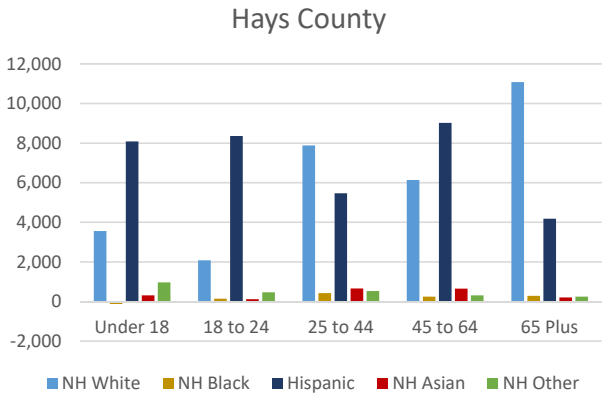
Numeric Change in Age Group by Race/Ethnicity, Texas, 2010-2019

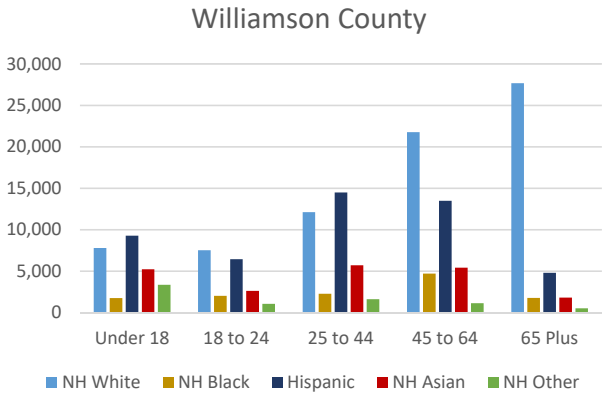


Source: U.S. Census Bureau, 2019 Population Estimates

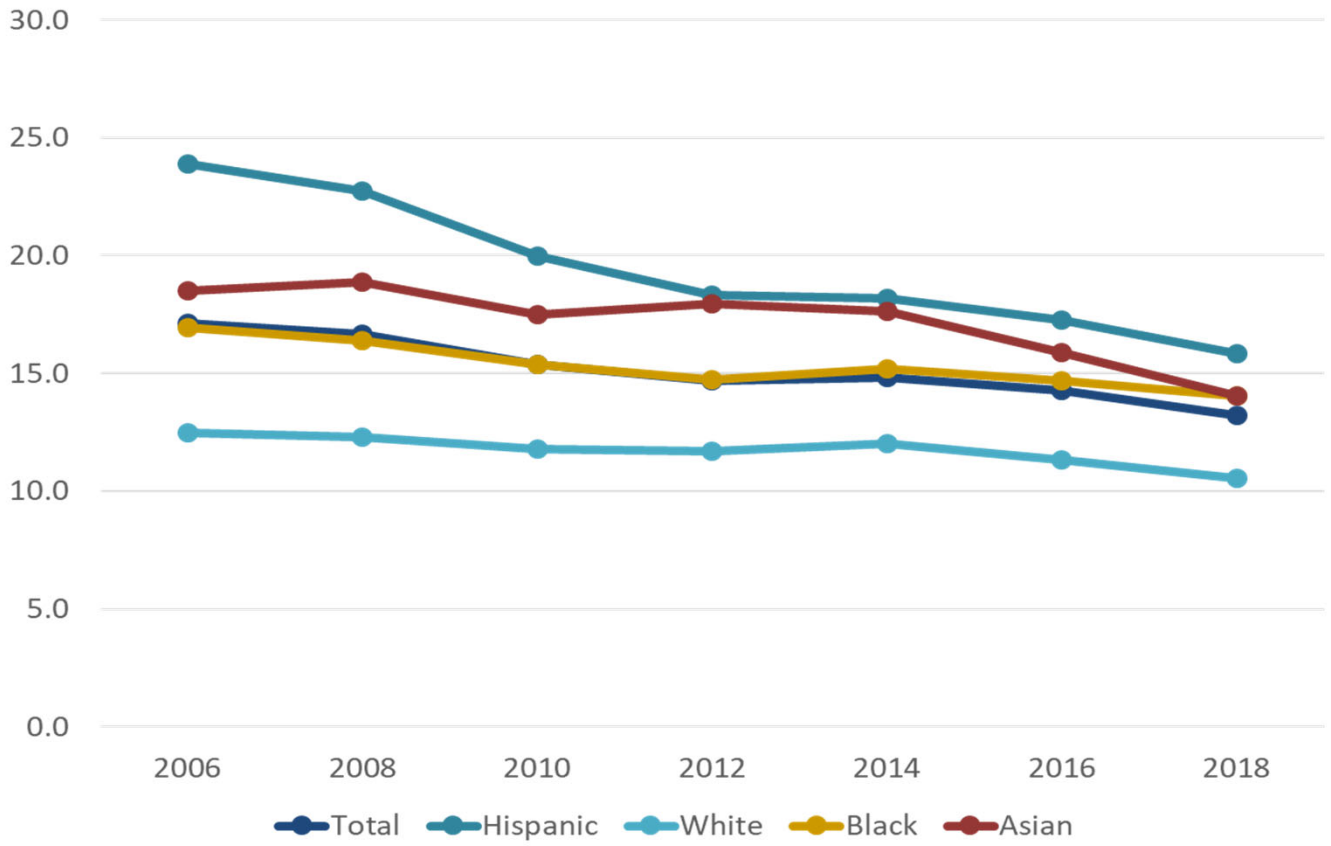
Numeric Change in Age Group by Race/Ethnicity, Central Texas Counties, 2010-2019





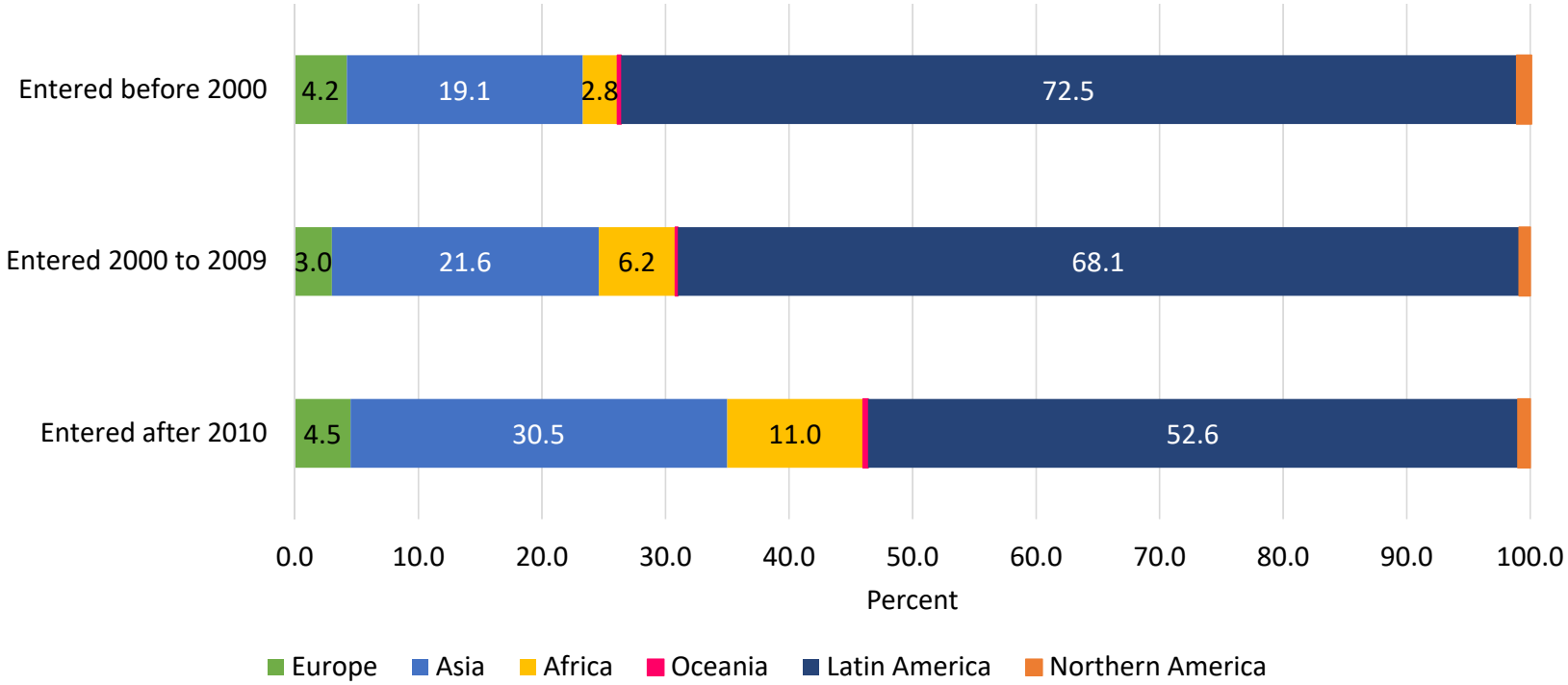


Birth Rates by Race/Ethnicity, Texas, 2006-2018



Source: Centers for Disease Control and Prevention, National Center for Health Statistics, National Vital Statistics Report; denominator derived from U.S Census Bureau, Intercensal Estimates, 2010-2019 Population Estimates

Period of Entry by Area of Birth for Foreign Born Population in Texas



Source: U.S. Census Bureau, 2019 American Community Survey, 1-Year PUMS

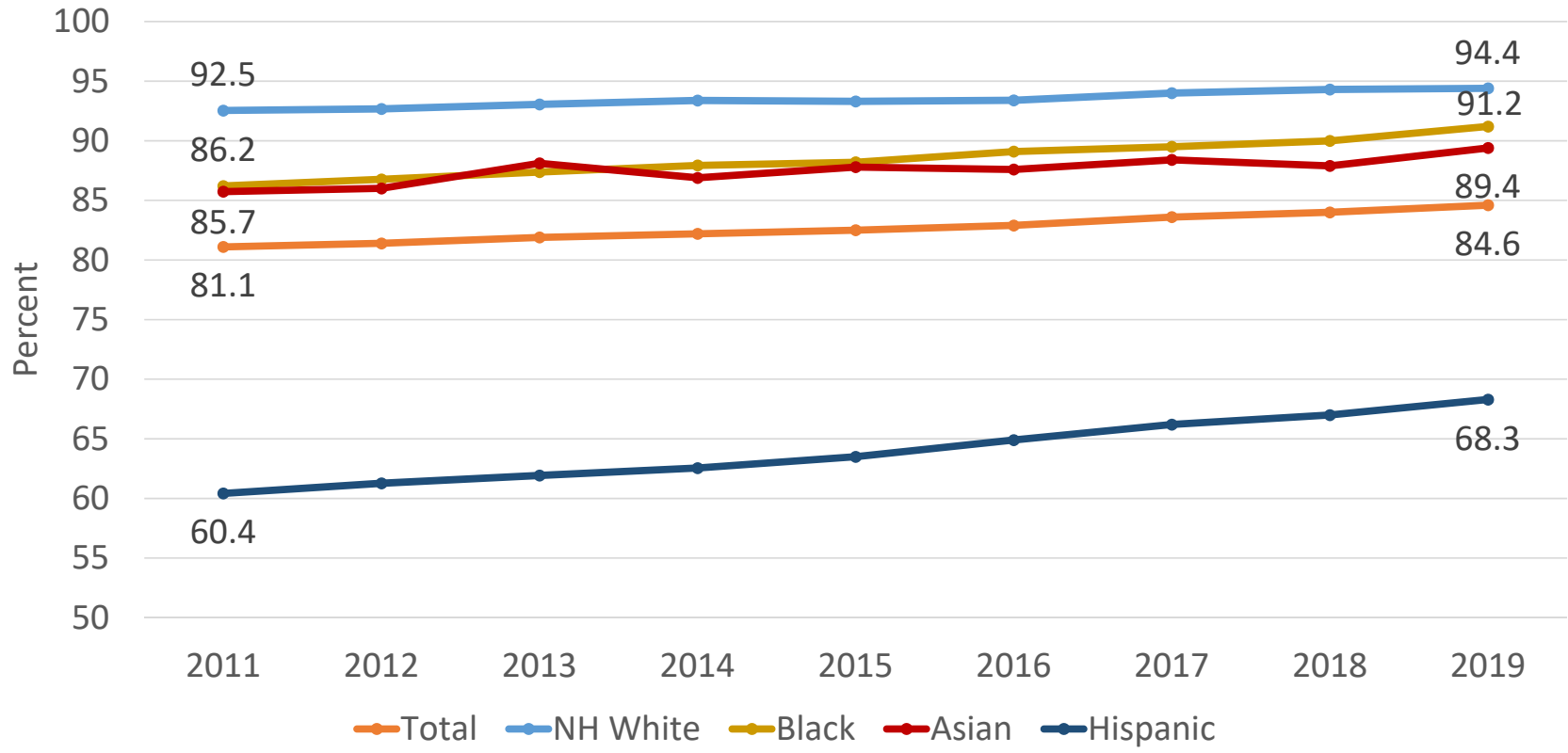
Place of Birth for the Foreign Born Population, Texas, 2019

Total Foreign Born Population		4,951,156
Latin America		3,271,403*
Mexico		2,453,126*
Central America	Belize, Costa Rica, El Salvador,[1] Guatemala,[3] Honduras,[2] Nicaragua, Panama	510,150
South America	Argentina, Bolivia, Brazil, Chile, Colombia,[2] Ecuador, Guyana, Peru, Uruguay, Venezuela[1]	191,933
Caribbean	Bahamas, Barbados, Cuba,[1] Dominica, Dominican Republic[3], Grenada, Haiti, Jamaica[2], St. Vincent & the Grenadines, Trinidad and Tobago, West Indies	116,194
Asia		1,126,507
South Central Asia	Afghanistan, Bangladesh, India,[1] Iran, Kazakhstan, Nepal, Pakistan, Sri Lanka, Uzbekistan	449,906
South Eastern Asia	Cambodia, Indonesia, Laos, Malaysia, Burma, Philippines,[2] Singapore, Thailand, Vietnam[1]	360,043
Eastern Asia	China,[1] Hong Kong, Taiwan,[3] Japan, Korea[2]	227,580
Western Asia	Iraq,[1] Israel, Jordan, Kuwait, Lebanon, Saudi Arabia[2], Syria, Yemen, Turkey,[3] Armenia	82,776

Source: U.S. Census Bureau, 2019 American Community Survey 1-Year Estimates

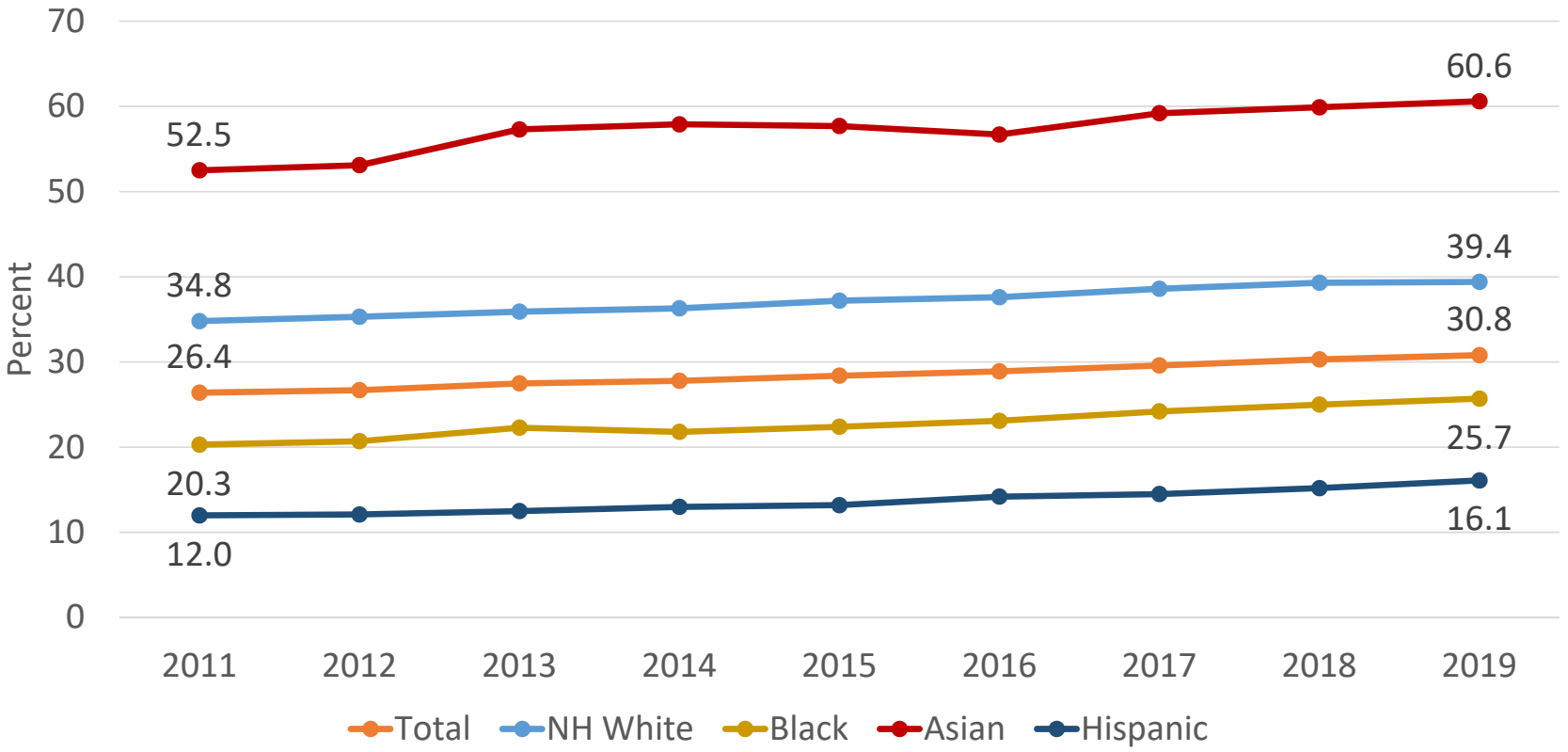
Implications of population growth and demographic shifts on Texas socio-economic indicators

Population 25 and Older with High School Diploma and Above, Texas, 2011-2019



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

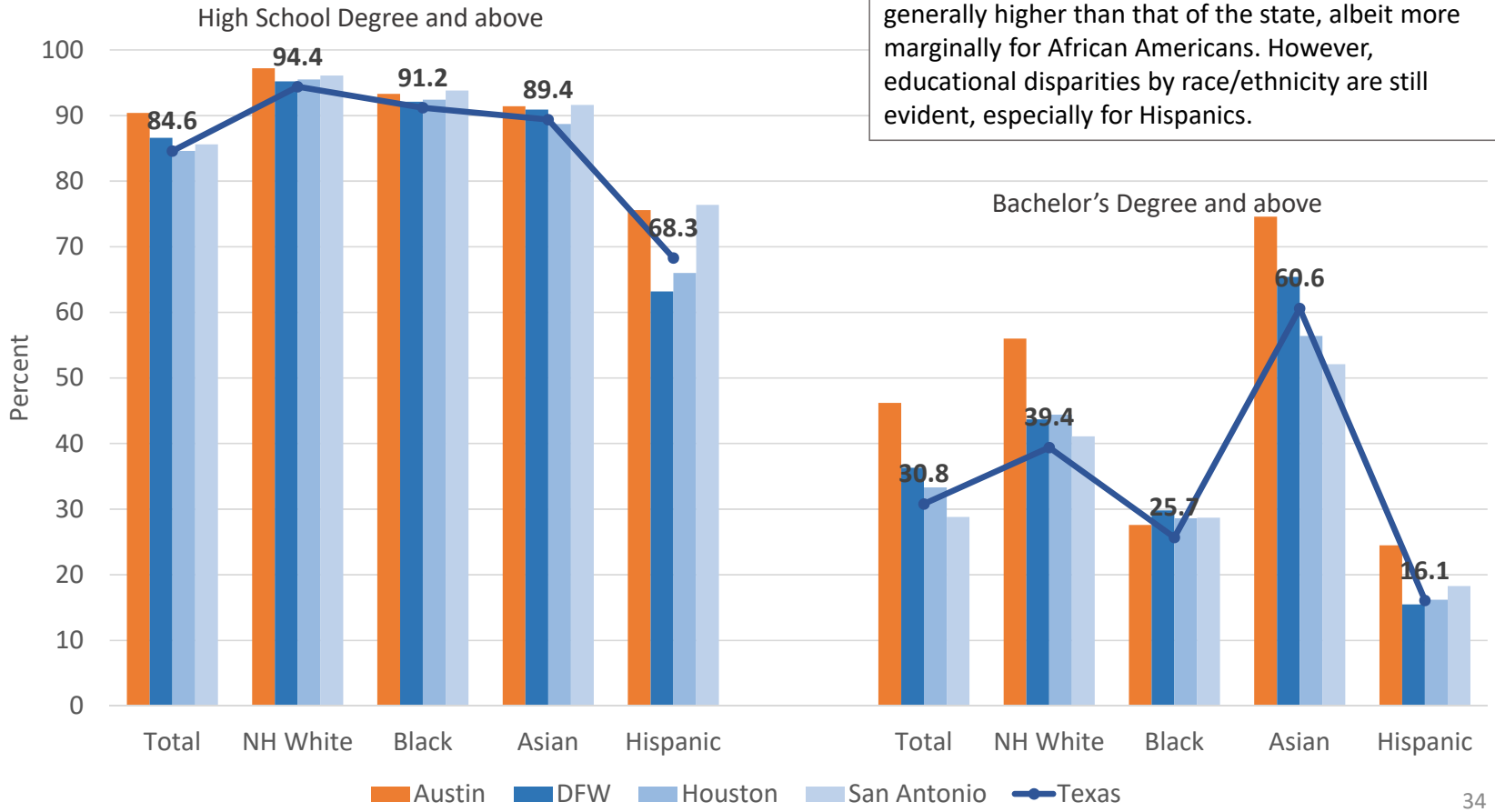
Population 25 and Older with Bachelors Degree and Above, Texas, 2011-2019



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

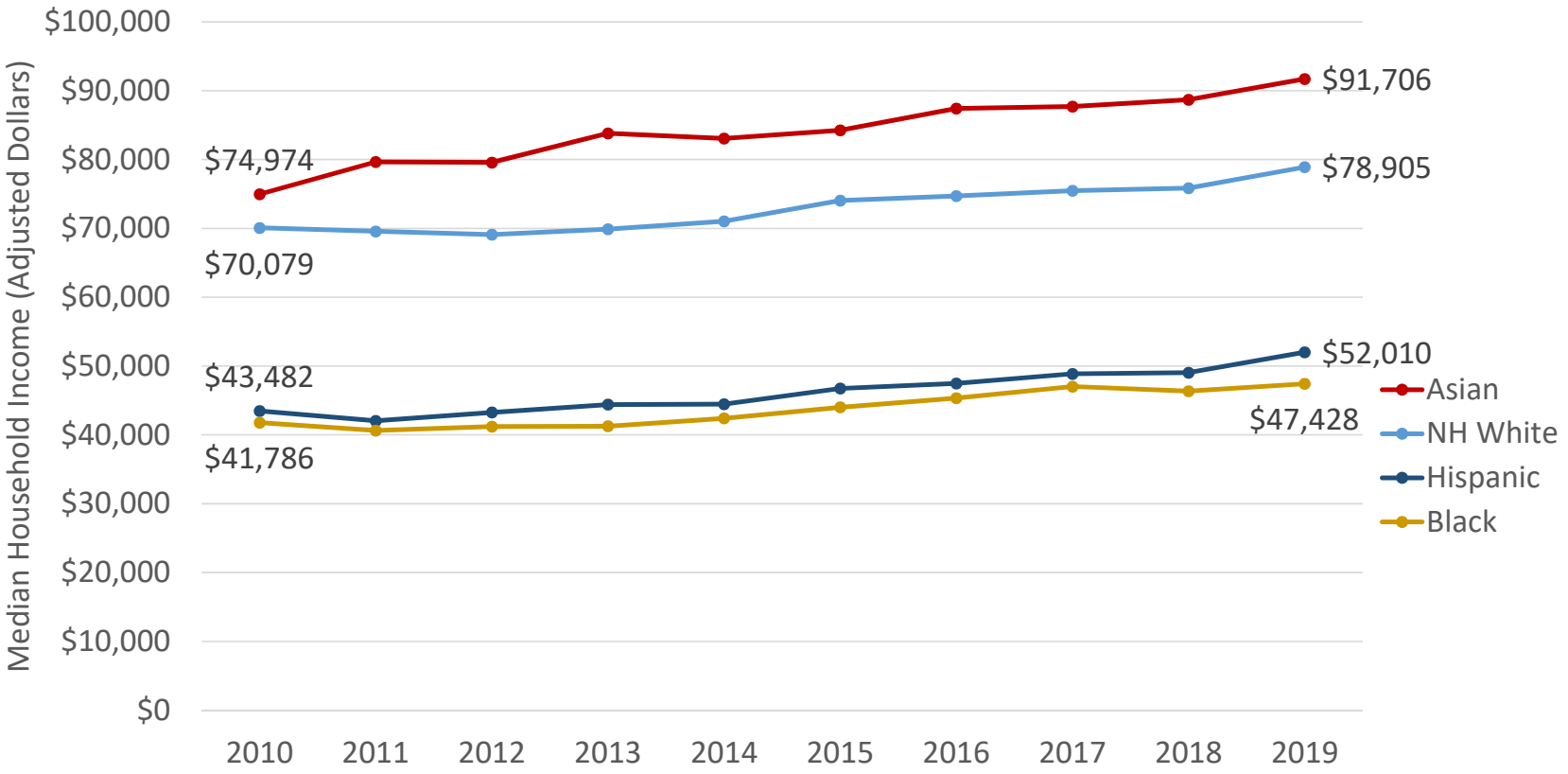
Educational Attainment by Race/Ethnicity, Big Four Metros & Texas, 2019

Educational attainment in the Austin metro is generally higher than that of the state, albeit more marginally for African Americans. However, educational disparities by race/ethnicity are still evident, especially for Hispanics.



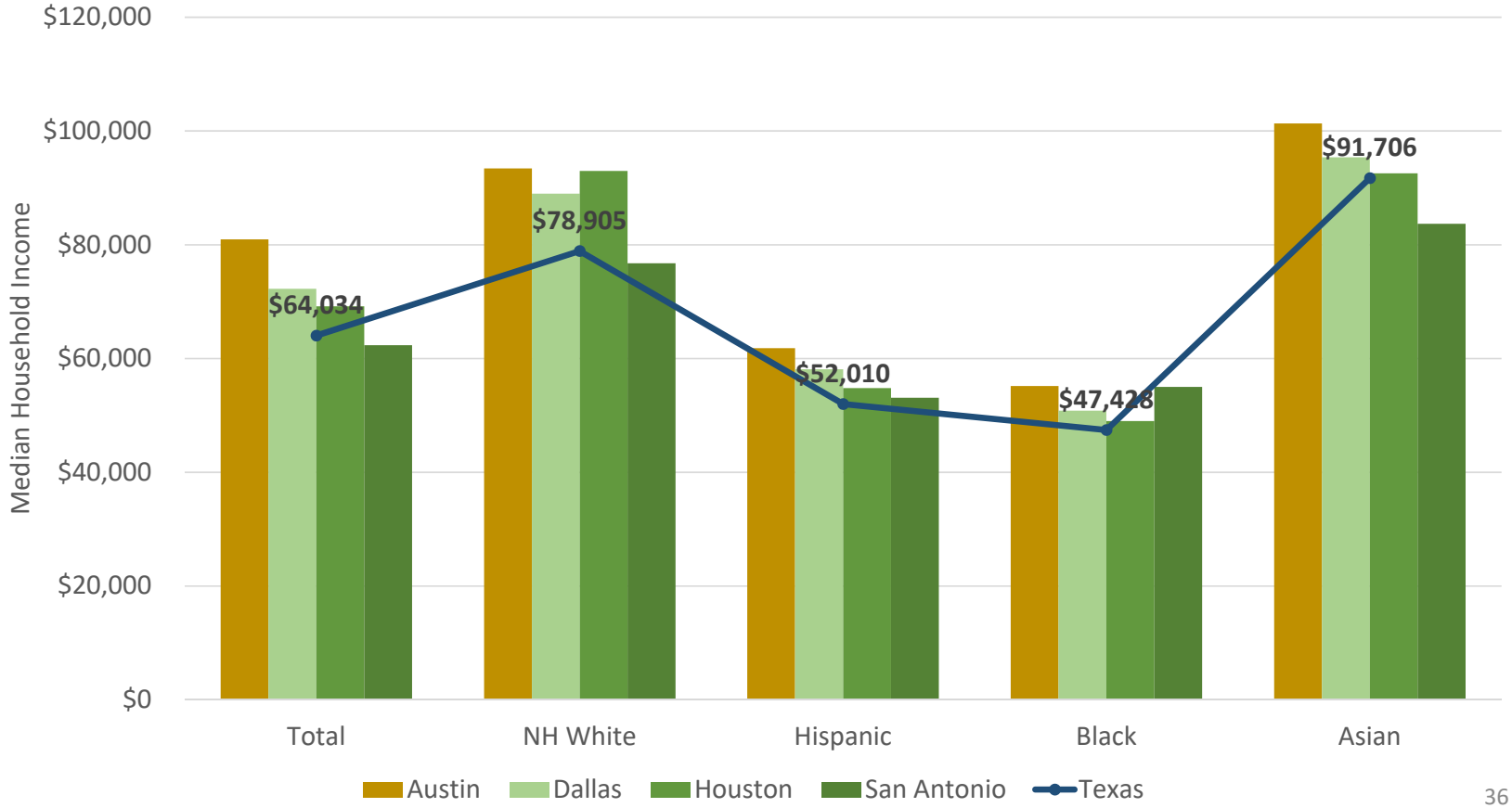
Source: U.S. Census Bureau. American Community Survey, 2019 1-Year Estimates

Median Household Income by Race/Ethnicity, Texas, 2010-2019



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

Median Household Income by Race/Ethnicity, Big Four Metros & Texas, 2019



Source: U.S. Census Bureau. American Community Survey, 2019 1-Year Estimates

Median Earnings, Austin Metro and Texas, 2019

Median Earnings for Full-Time, Year Round Work	Austin Metro Area	Texas
Total	$52,396	$46,434
Male	$60,477	$51,125
Female	$47,461	$40,670
Pay Gap	$0.78	$0.80

Source: U.S. Census Bureau. American Community Survey, 2019 1-Year Estimates

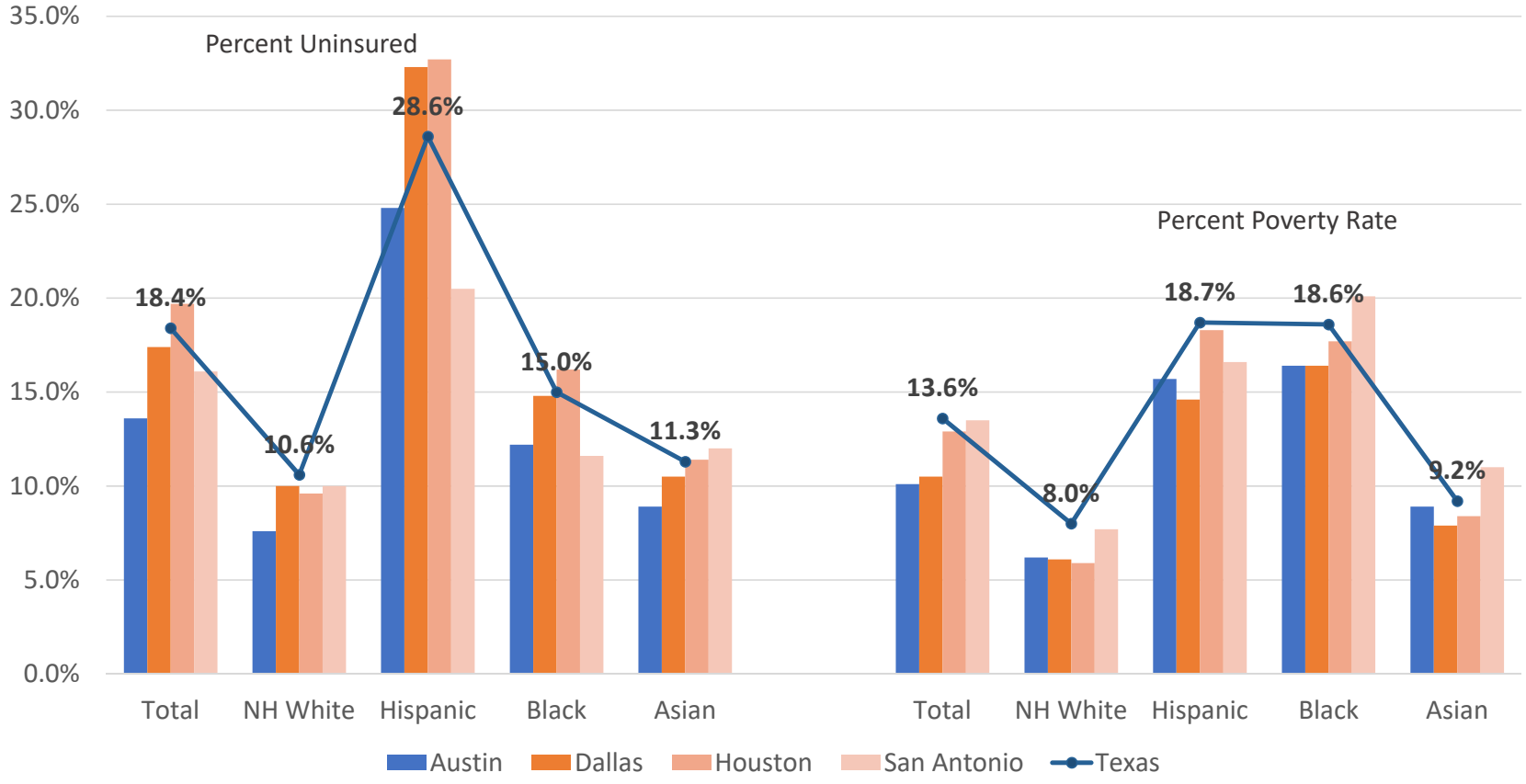
Poverty and Uninsured Rates by Race/Ethnicity, Texas, 2019

	Texas		US	
Population Below Poverty	Estimate	Percent	Estimate	Percent
Black or African American	634,381	18.6	8,557,464	21.2
Asian	131,705	9.2	1,761,321	9.6
Hispanic or Latino	2,113,153	18.7	10,201,081	17.2
NH White	933,323	8.0	17,352,095	9.0

	Texas		US	
Uninsured Population	Estimate	Percent	Estimate	Percent
Black or African American	517,133	15.0	4,124,039	10.1
Asian	161,969	11.3	1,218,462	6.6
Hispanic or Latino	3,258,356	28.6	11,135,068	18.7
NH White	1,240,220	10.6	12,130,924	6.3

Source: U.S. Census Bureau, 2019 American Community Survey, 1-Year Estimates

Percent Uninsured, Below Poverty by Race/Ethnicity, Big Four Metros & Texas, 2019



Source: U.S. Census Bureau. American Community Survey, 2019 1-Year Estimates

Percent Uninsured by Race/Ethnicity, 2018

	Texas	Bastrop	Caldwell	Hays	Travis	Williamson
NH White	9.8	11.5	15.3	9.8	6.9	7.0
Hispanic	27.3	24.0	26.7	20.5	25	15.8
Black	14.8	11.2	19.0	9.5	12.2	8.0
Asian	11.9	20.6	4.0	10.0	8.8	9.4

Of those with insurance, over 44.5% and over 50% in the larger Central Texas counties are covered by private, employer based insurance alone.

Source: U.S. Census Bureau. American Community Survey, 2018 5-Year Estimates

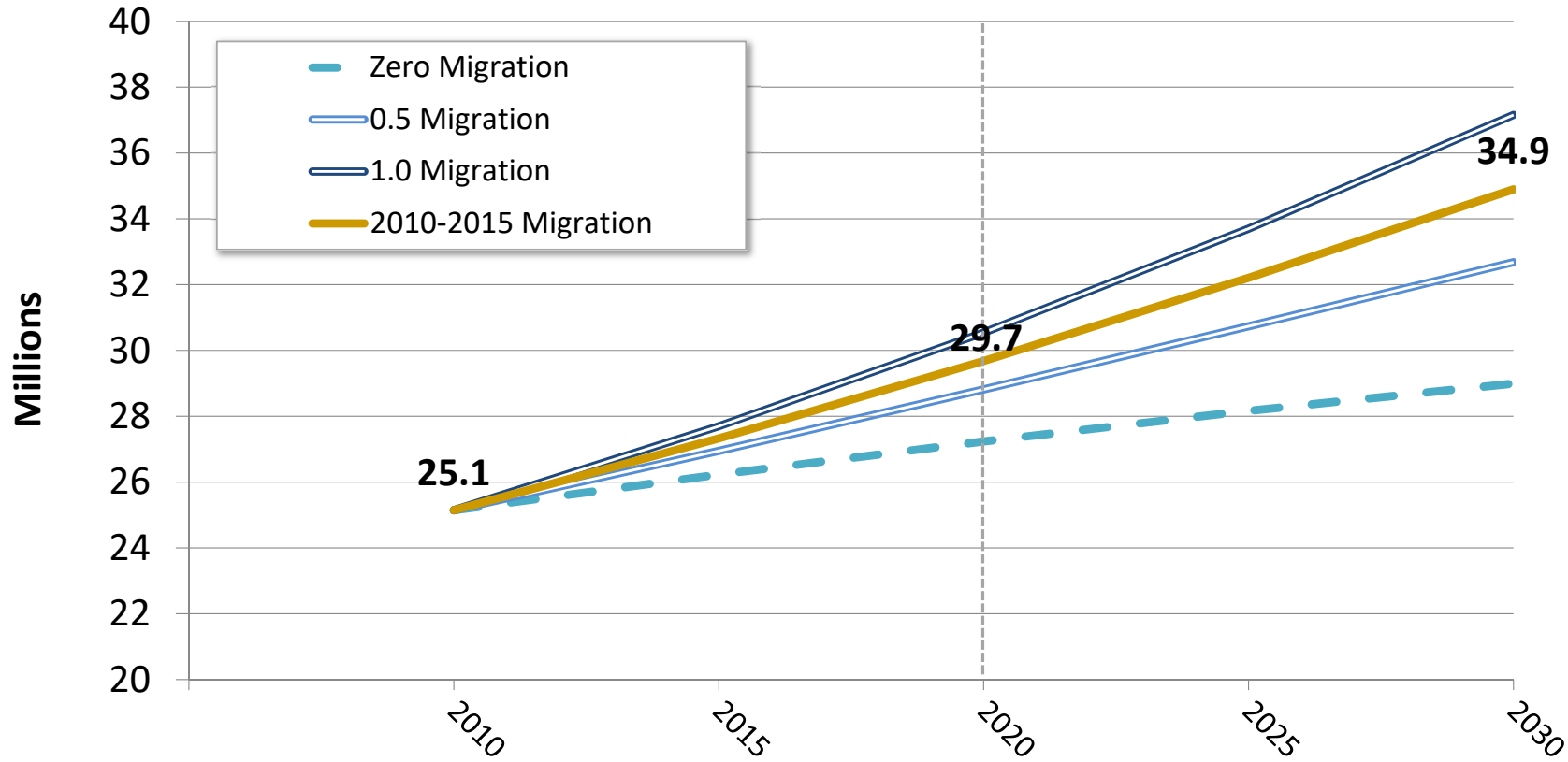
Labor Force, Texas and Austin Metro Area, 2010-2019

		Texas	Austin Metro Area	2010-2019 Change, TX	2010-2019 Change, Austin
Work Force (population 16 years and over)	2010	19,123,208	1,334,299	3,302,404	445,485
	2019	22,425,612	1,779,784		
Labor Force Participation Rate	2010	65.2%	70.4%	-0.2	1.1
	2019	65.0%	71.5%		
Male Work Force	2010	7,465,705	554,314	1,048,171	157,461
	2019	8,513,876	711,775		
Female Work Force	2010	7,516,812	543,093	987,183	153,770
	2019	8,503,995	696,863		
Male Participation Rate	2010	83.3%	86.8%	1.1	1.6
	2019	84.4%	88.4%		
Female Participation Rate	2010	69.9%	73.2%	0.9	4.1
	2019	70.8%	77.3%		
Females with children under 6 years	2010	62.0%	65.0%	4.9	7.2
	2019	66.9%	72.2%		

Source: U.S. Census Bureau. American Community Survey, 2010, 2019 1-Year Estimates

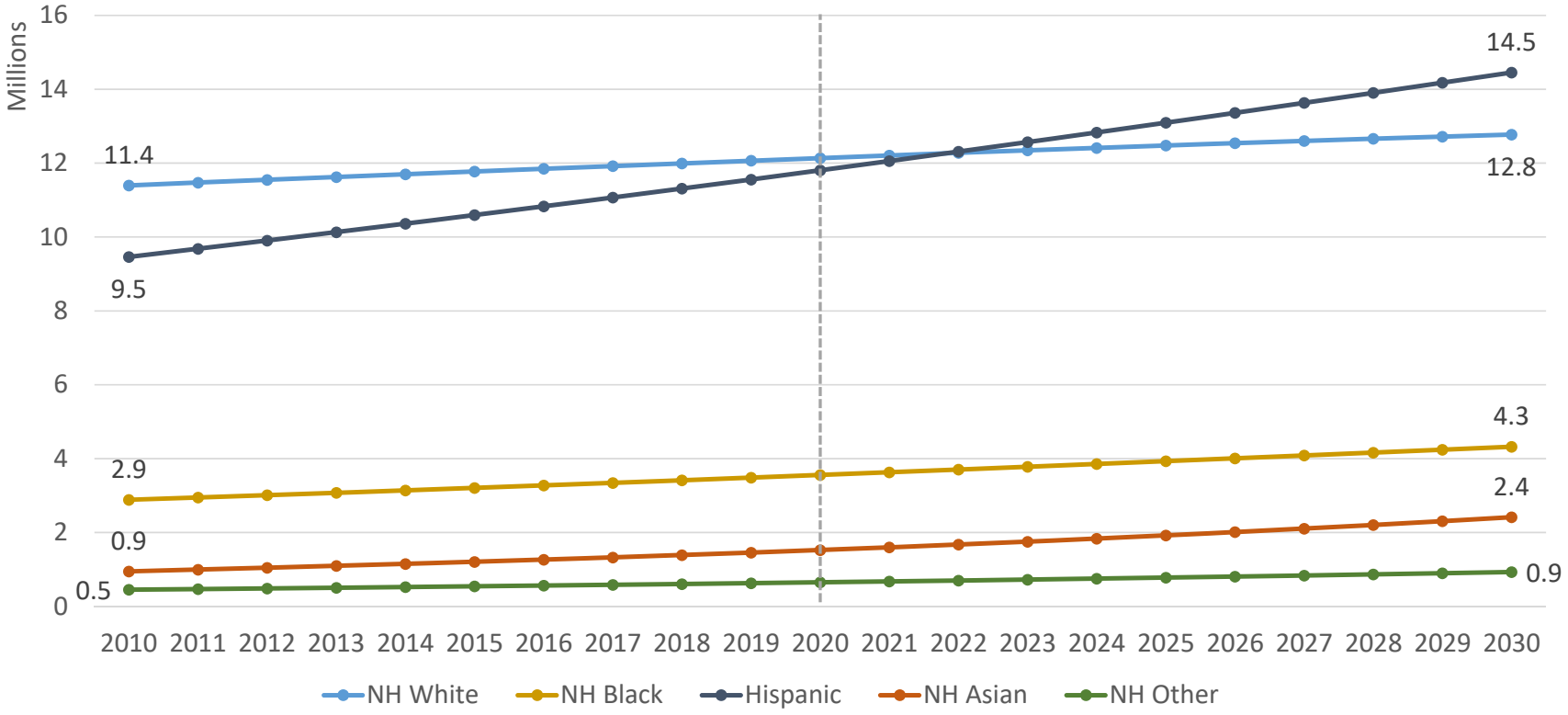
What's ahead for the population of Texas?

Projected Population, Texas, 2010-2030



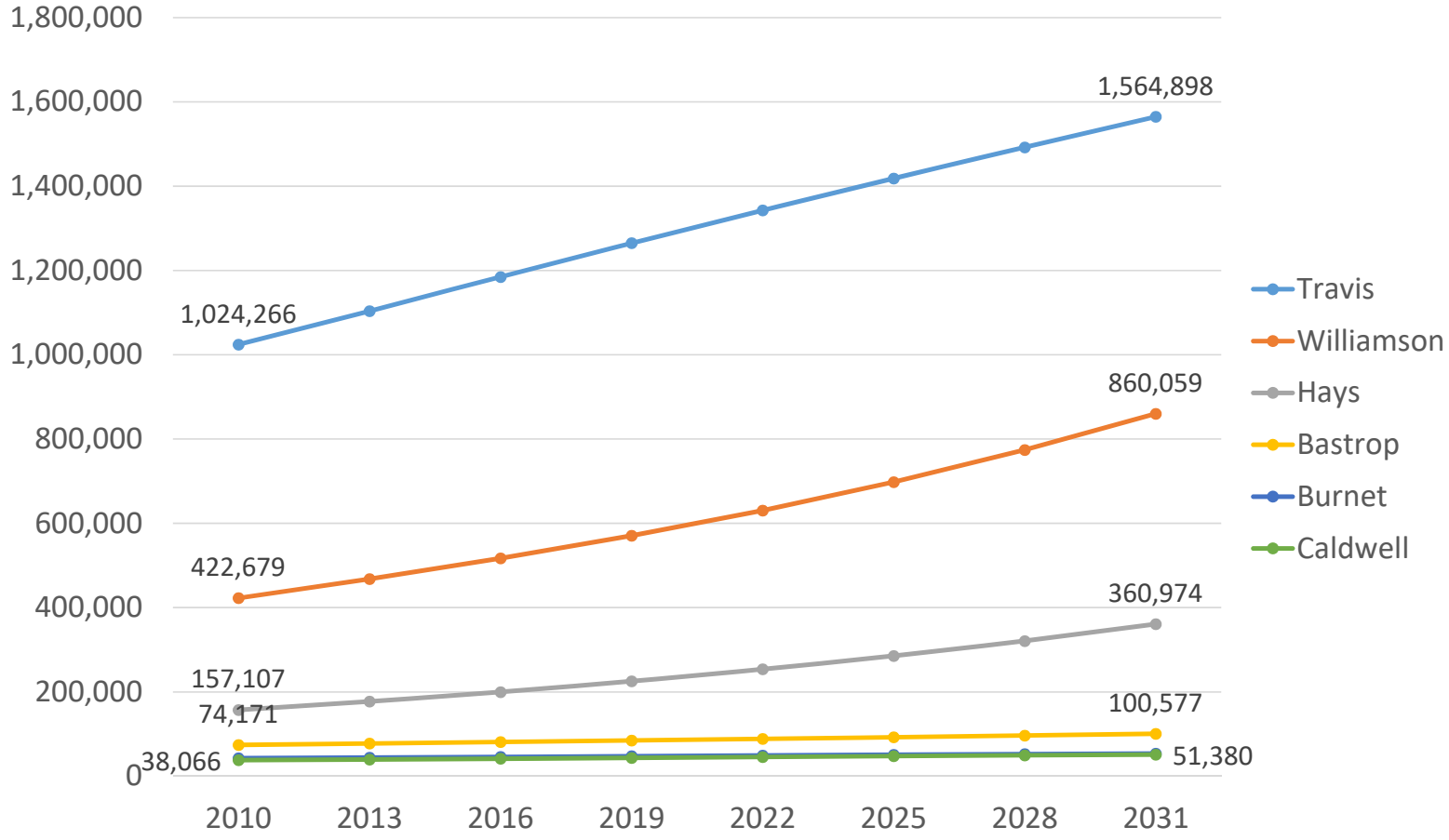
Source: Texas Demographic Center, 2014 and 2018 Population Projections

Population Projections by Race/Ethnicity, Texas, 2010-2030



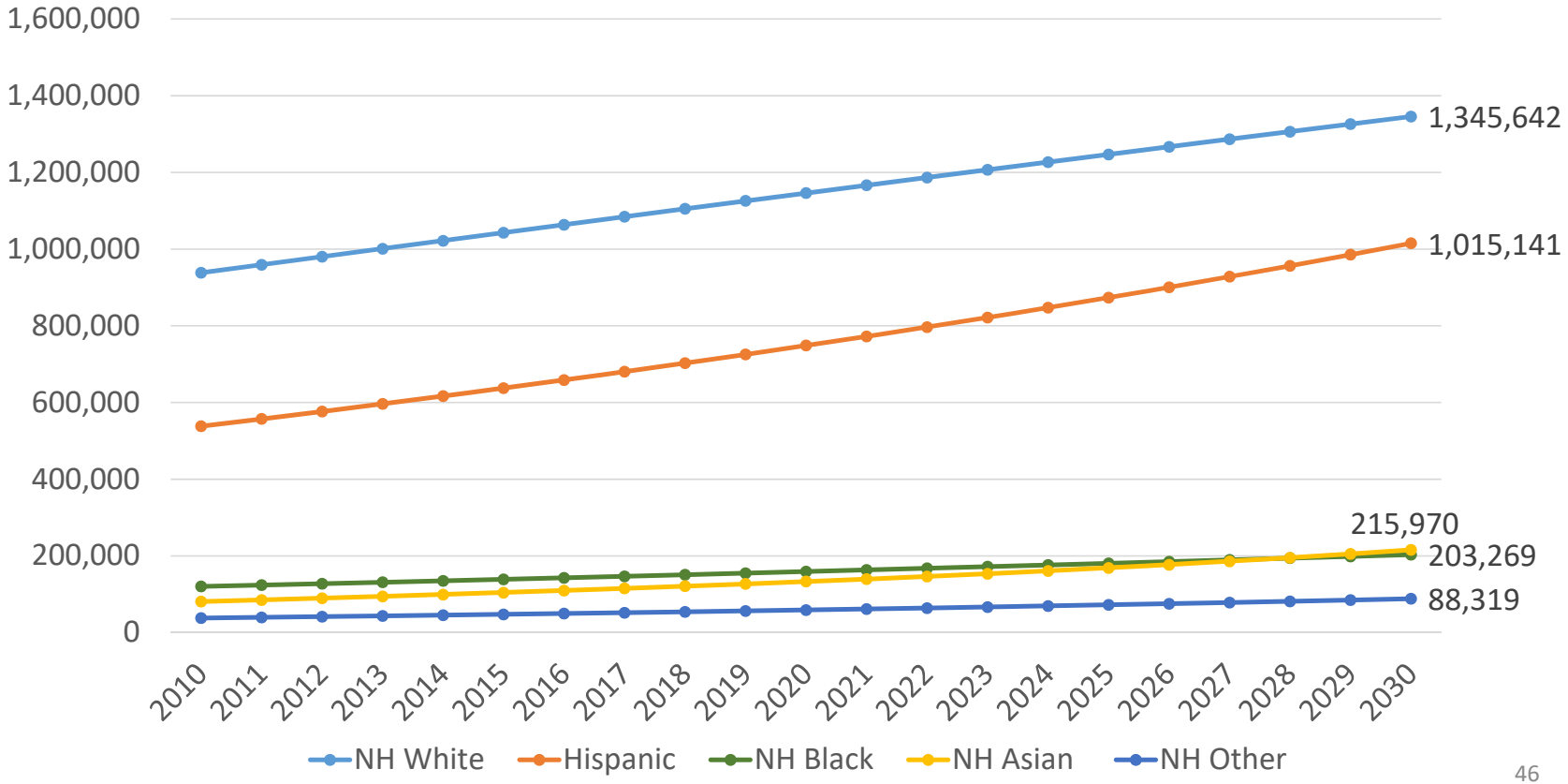
Source: Texas Demographic Center, 2018 Vintage Population Projections, 2010-2015 Migration Scenario

Population Projections, Austin Metro Counties, 2010-2031



Source: Texas Demographic Center, 2018 Population Projections

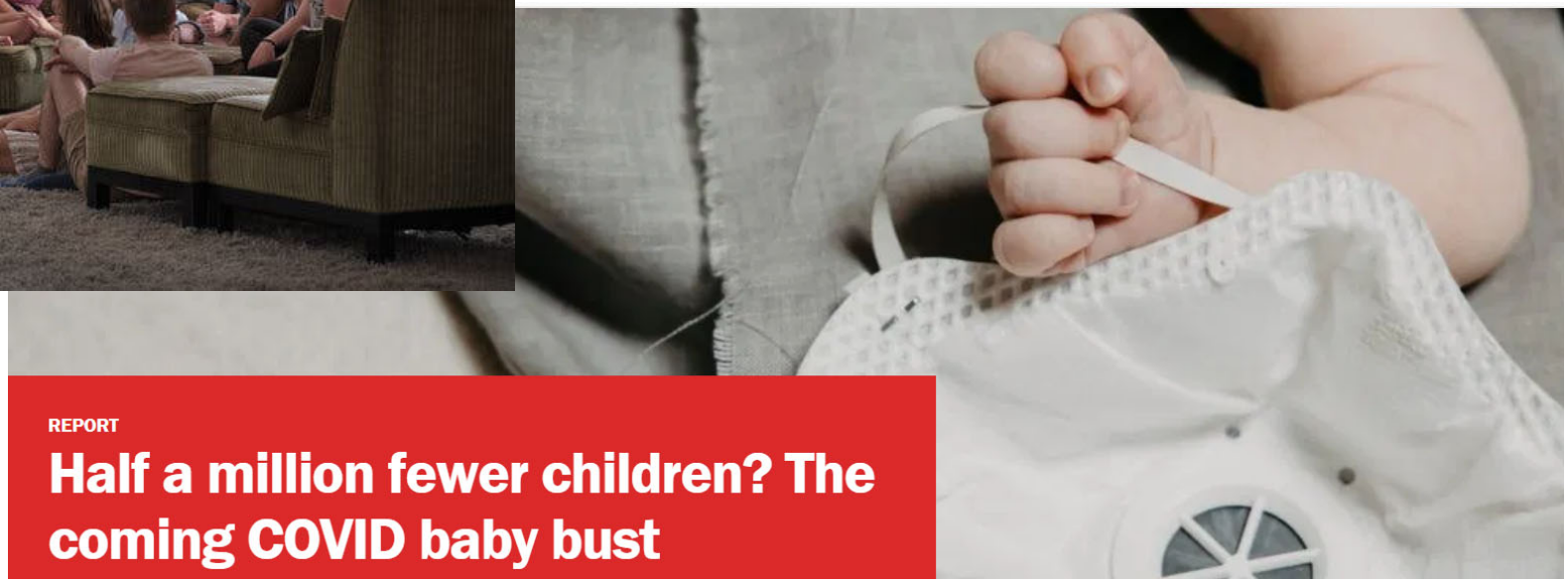
Population Projections by Race/Ethnicity, Austin Metro Area, 2010-2030



Source: Texas Demographic Center 2018 Population Projections

College Is Everywhere Now

Yale students in Barbados. Michigan students in Brooklyn. Berkeley students in Las Vegas? Off-campus housing is way off-campus now.



REPORT

Half a million fewer children? The coming COVID baby bust

Recession With a Difference: Women Face Special Burden

Hit hard by job losses and the pandemic's effect on schooling and child care, American women face short-term difficulties and long-term repercussions.

857

Houston Habitat
@HoustonHabitat

The COVID-19 pandemic, racial injustice and climate change have exacerbated America's housing problems. Read more below from "The State of the Nation's Housing 2020," a report released by the @Harvard_JCHS. 🏠

The State of the Nation's Housing 2020
This year, the COVID-19 pandemic, a powerful movement for racial justice, and the devastating impacts of climate change have combined to bring the nat
jchs.harvard.edu

11:15 AM · Nov 29, 2020 · Hootsuite Inc.

Texas's Most Vulnerable Populations

- Income disparities place African Americans and Latinos at greater risk during times of income loss.
- Renters, renters w/low incomes, Blacks, and households w/children face greater risk of eviction.
- Persistently low health insurance coverage in the state increases vulnerability of Texans with employer based insurance.

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Texas's Most Vulnerable Populations

In this Brief:

Recent studies conducted during the pandemic have helped to identify subsets of the population most impacted by the coronavirus and the ensuing economic recession. We use the recently released 2019 American Community Survey one-year summary data to estimate Texas's most vulnerable populations, their share of the population, and explore some of their pre-existing challenges, specifically around housing and food insecurity and health insurance status. Our findings show:

- Disparities in household income leave Blacks and Hispanics at a greater disadvantage when facing income losses during the pandemic
- Renters, renters with lower incomes, Blacks, and households with children are the most vulnerable to housing insecurity and risk of eviction
- Food insecurity and need for assistance is a reality for many Texans, especially female-headed households, even prior to the pandemic
- Persistently low health insurance coverage in the state increases vulnerability of Texans with employer-based coverage and further compounds challenges faced by the uninsured working poor.

September 2020

On March 13, 2020, Governor Greg Abbott declared a state of disaster in Texas due to COVID-19. As more data became available, we were able to understand the impact of the novel coronavirus and which groups faced the greatest health risks. In addition to the threats to health and safety, COVID-19 wreaked havoc on the Texas economy, with over 1.6 million unemployed in April.[i] Recent studies using data from the Census Bureau's Household Pulse Survey and other surveys taken after the pandemic, have helped to identify the subsets of the population most impacted by the coronavirus and the pandemic-induced economic recession. Although the newly released 2019 American Community Survey (ACS) one-year estimates data do not allow direct evaluation of the impact of the pandemic because the data were collected prior to its occurrence, the ACS includes demographic, social, economic, and housing characteristics that will help us to identify the subsets of the Texas population who were most vulnerable as we entered into the pandemic. In this brief, we

Figure 1. Median Household Income (Adjusted for Inflation) by Race/Ethnicity, Texas, 2010-2019

Source: U.S. Census Bureau, American Community Survey 2019 1-Year Summary File

Source: Texas Demographic Center, https://demographics.texas.gov/Resources/publications/2020/20200918_ACS2019Brief_TexasMostVulnerablePopulations.pdf

Potential Impacts of COVID-19 on Demographic Trends

- Migration has slowed down dramatically.
  - Unnecessary during work-from-home times?
  - Reversal of decades long rural-to-urban migration?
- Impacts on mortality are complicated.
  - Mortality due to virus varies by age, race/ethnicity.
- Impacts on fertility are also complicated.
  - Families tend to postpone births during economic recessions.
  - Partners are spending more time at home.
  - Teens are also spending more time at home and apart from peers.
  - Stress can have negative impacts on birth outcomes.
- Texas recovered from the Great Recession faster than other states.
  - Will the same happen with the pandemic-induced recession?

Questions?

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