Demographic Trends, Characteristics, and Population Projections for Texas

Presented to

American Society of Civil Engineers Austin Chapter

October 9, 2020

TEXAS DEMOGRAPHIC CENTER

Texas is experiencing significant growth.

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

Largest U.S. Cities, 2019

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

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

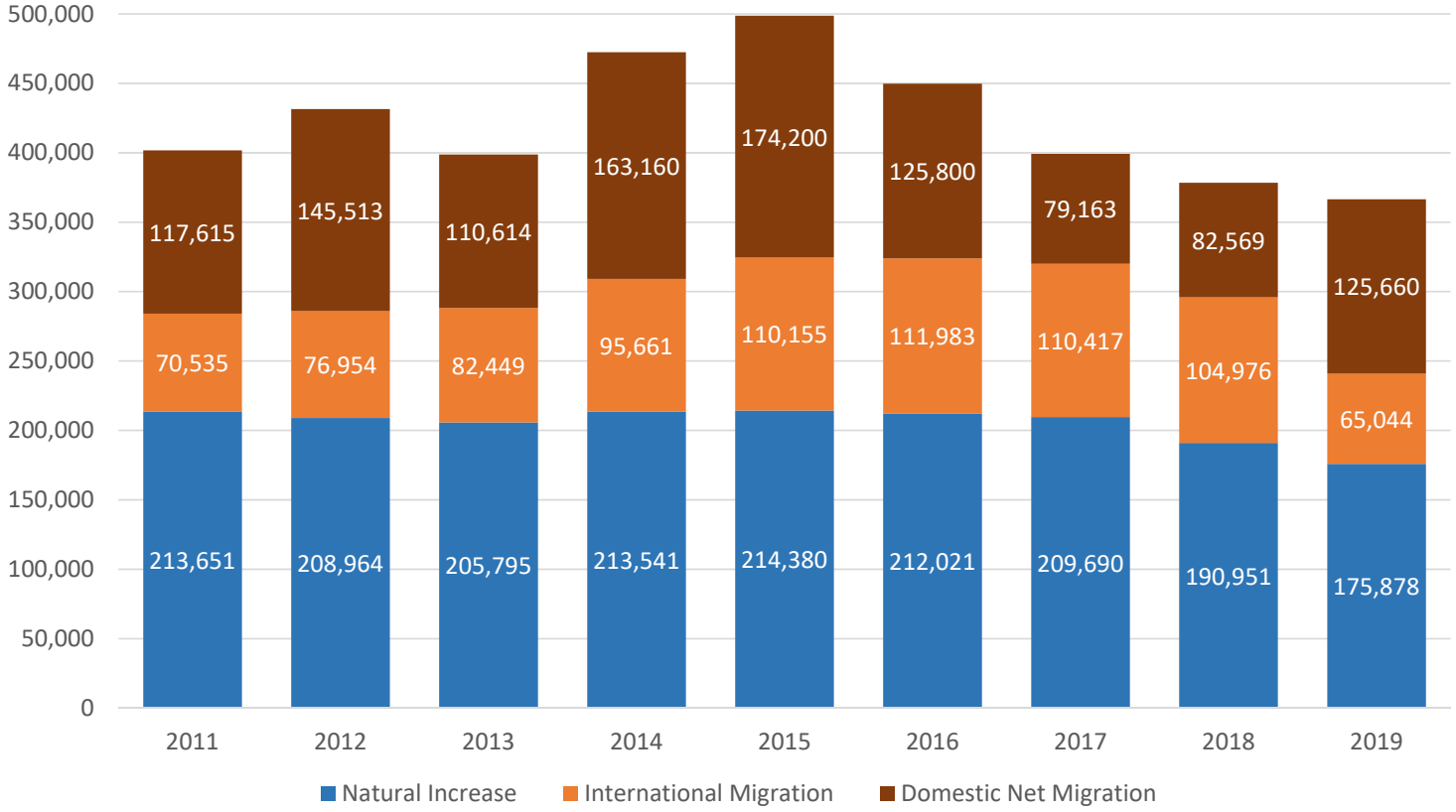
Source: U.S. Census Bureau, 2019 Vintage Population Estimates

15 Fastest Growing Large Cities and Towns between 2018-2019

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

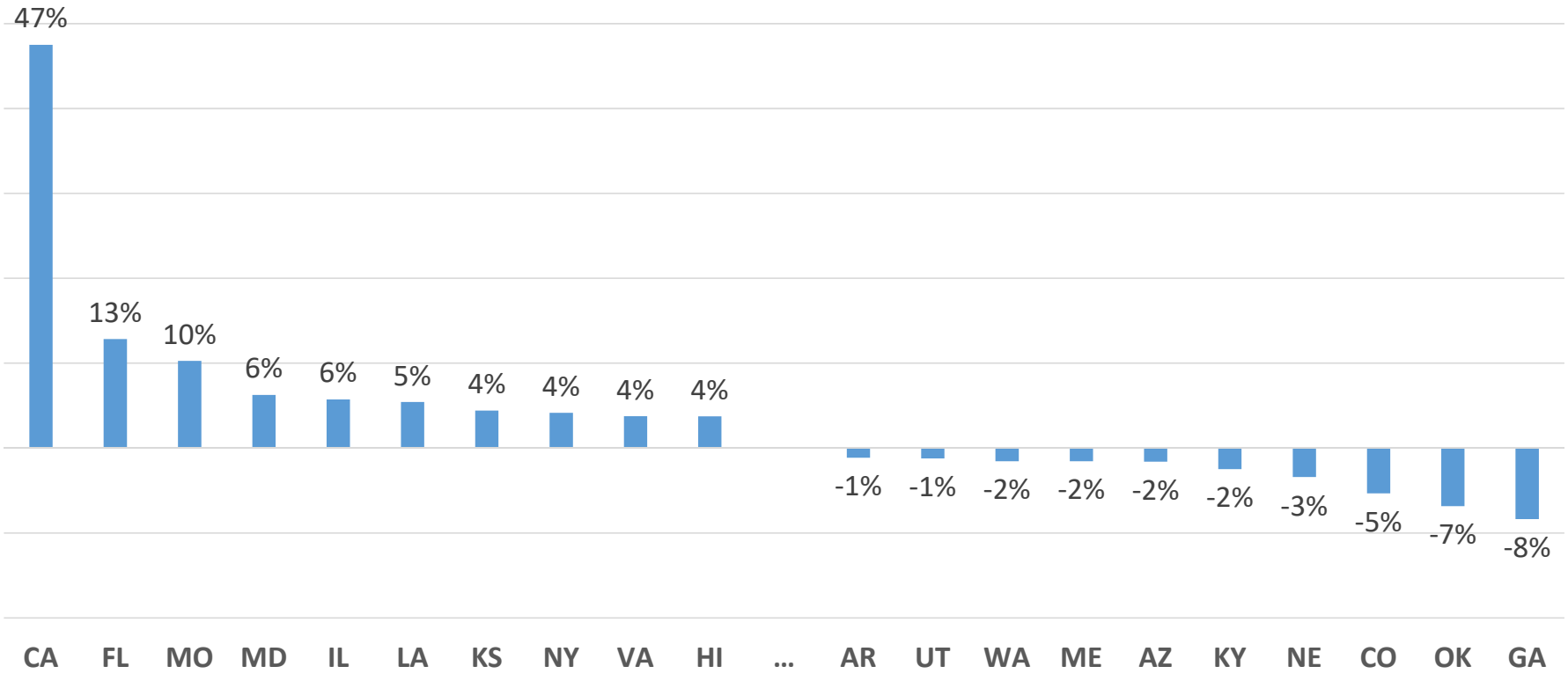
Source: U.S. Census Bureau, 2019 Vintage Population Estimates; Note: among places with populations of 50,000 or more in 2018

Components of Population Change, 2010-2019



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

Estimated Percent of Total Net-Migrant Flows to and from Texas and Top Sending and Receiving States, 2018

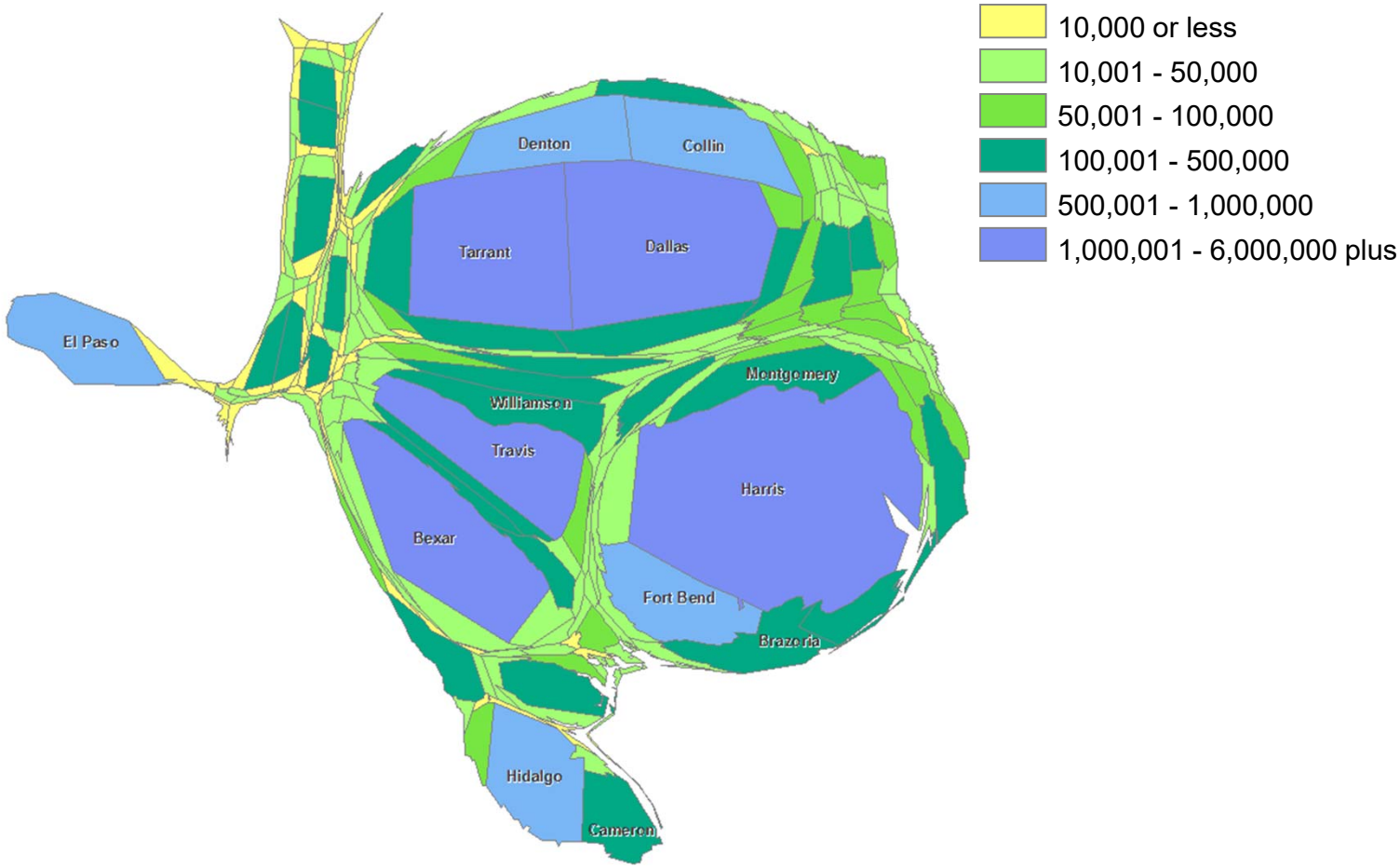


Source: U.S. Census Bureau, State to State Migration Flows, 2018

Estimated County-to-County Migration Flows, Travis County, 2013-2017

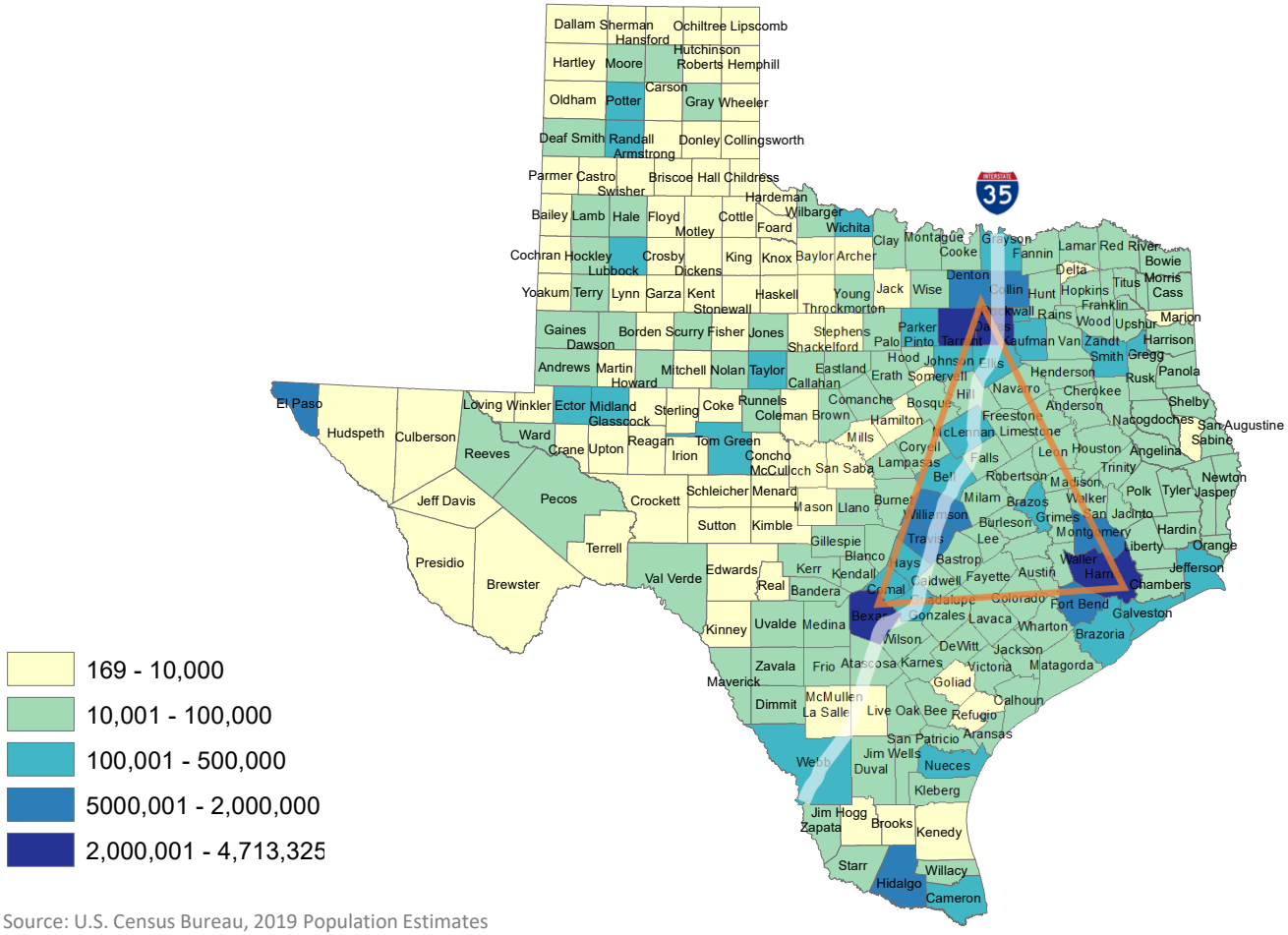
	In-Flows	Net Migration
Williamson County	10,439	-7,587
Harris County	6,021	1,738
Asia	4,984	
Hays County	4,084	-3,046
Bexar County	3,846	632
Dallas County	3,447	1,418
Central America	2,164	
Tarrant County	1,914	322
Los Angeles County, CA	1,385	562
Fort Bend County	1,242	267
Bastrop County	1,228	-1,416
El Paso County	1,220	921
Bell County	1,052	-509
Collin County	1,003	349
Maricopa County, AZ	923	164

Source: U.S. Census Bureau, American Community Survey County to County Migration Flows, 2013-2017



Population growth is not evenly distributed across the state.

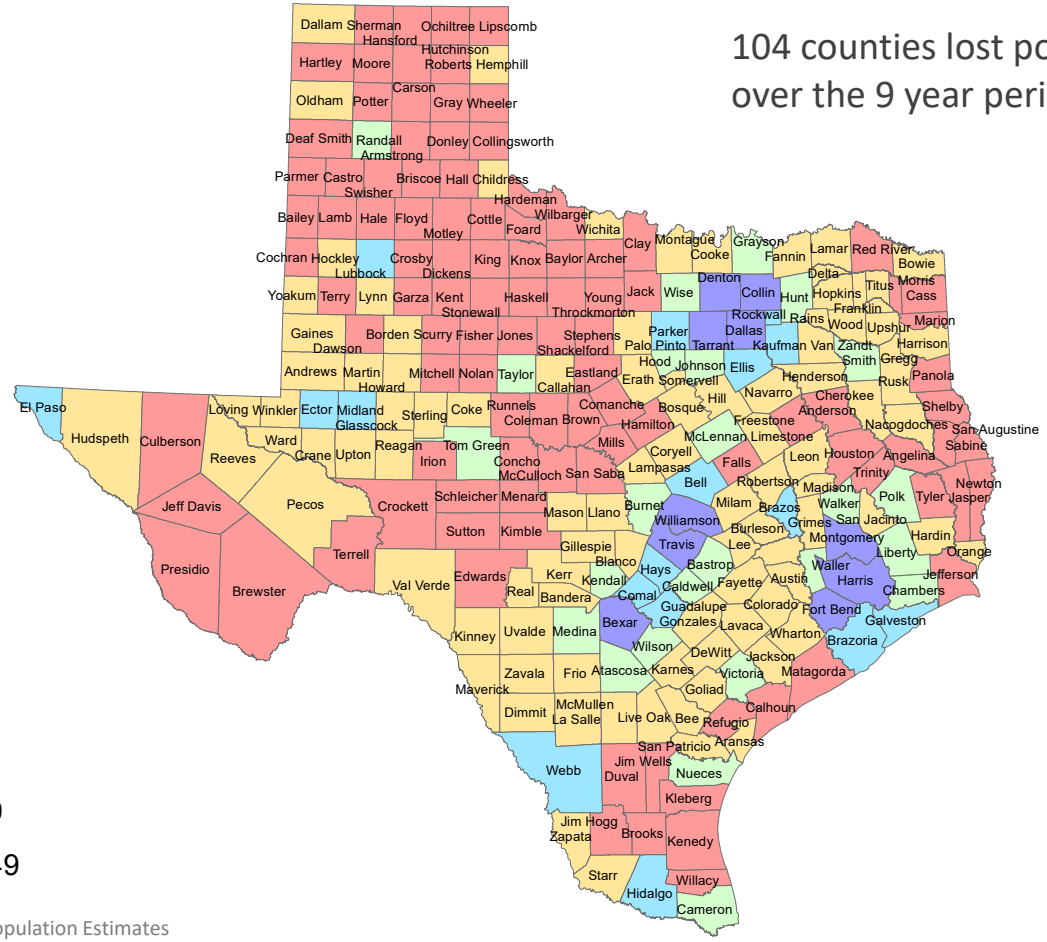
Total Estimated Population by County, Texas, 2019



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

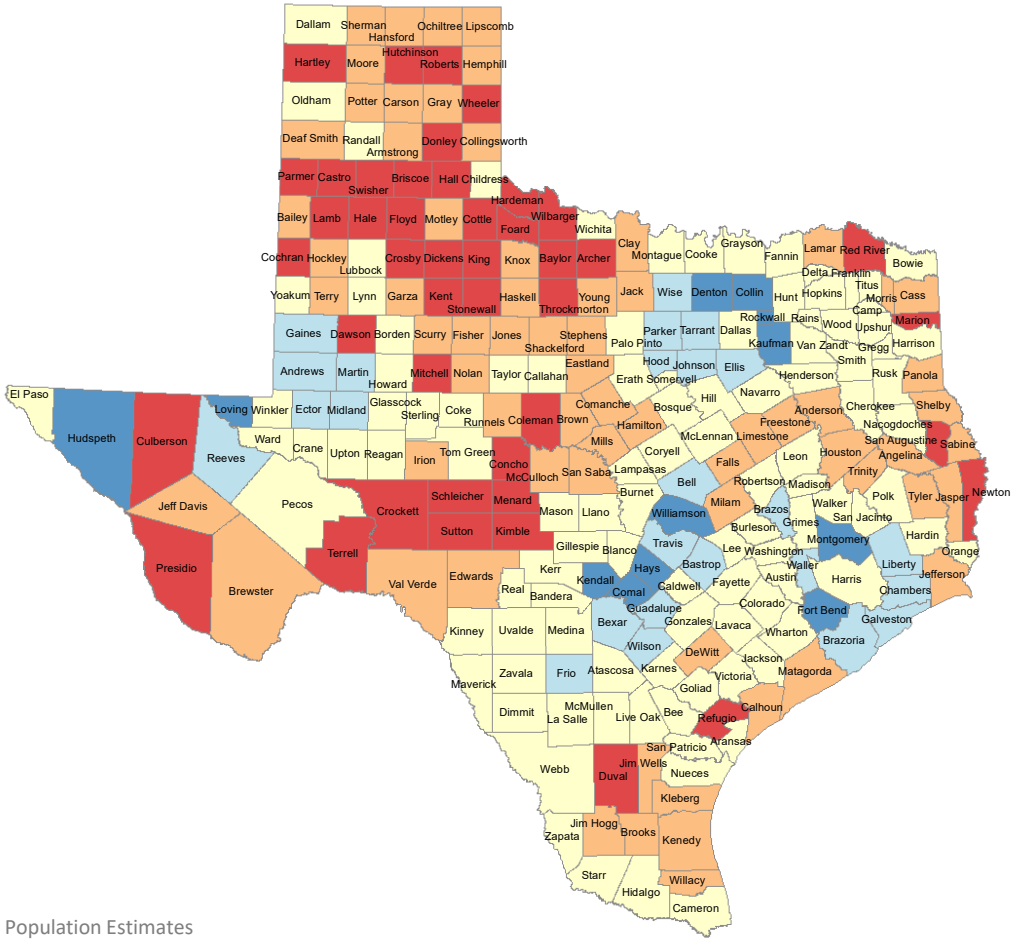
Estimated Numeric Change, Texas Counties, 2010-2019

104 counties lost population over the 9 year period.



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

Estimated Percent Change, Texas Counties, 2010-2019

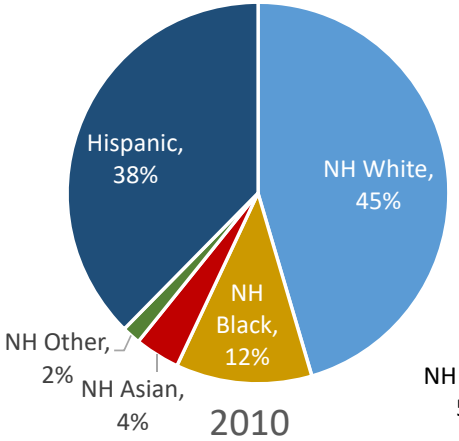


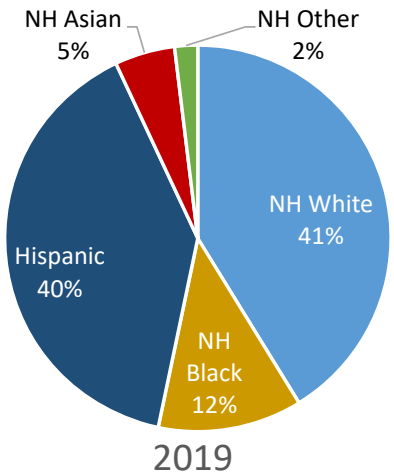
- -33% - -5%
- -4% - 0%
- 1% - 15%
- 16% - 31%
- 32% - 106%

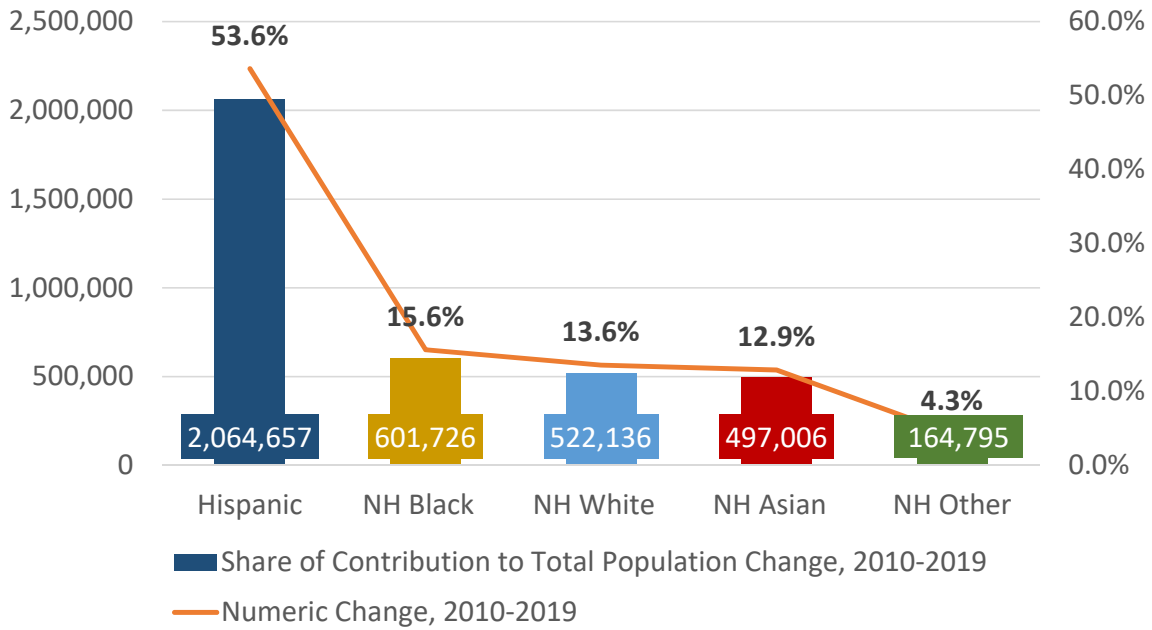
Source: U.S. Census Bureau, 2019 Population Estimates

As Texas grows, it ages and continues to diversify.

Race/Ethnic Composition, Texas, 2010-2019







86.4% of growth has been from minority groups.

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

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

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%
Blanco	11,931	76.5%	1.1%	0.9%	1.9%	19.7%
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%

Percent Change by Race/Ethnicity, 2010 to 2019

	Total	NH White	NH Black	NH Asian	NH Other	Hispanic
Bastrop	19.6%	6.5%	4.4%	41.1%	24.4%	**45.5%**
Blanco	13.7%	9.3%	**108.1%**	**114.3%**	76.4%	23.0%
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%

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

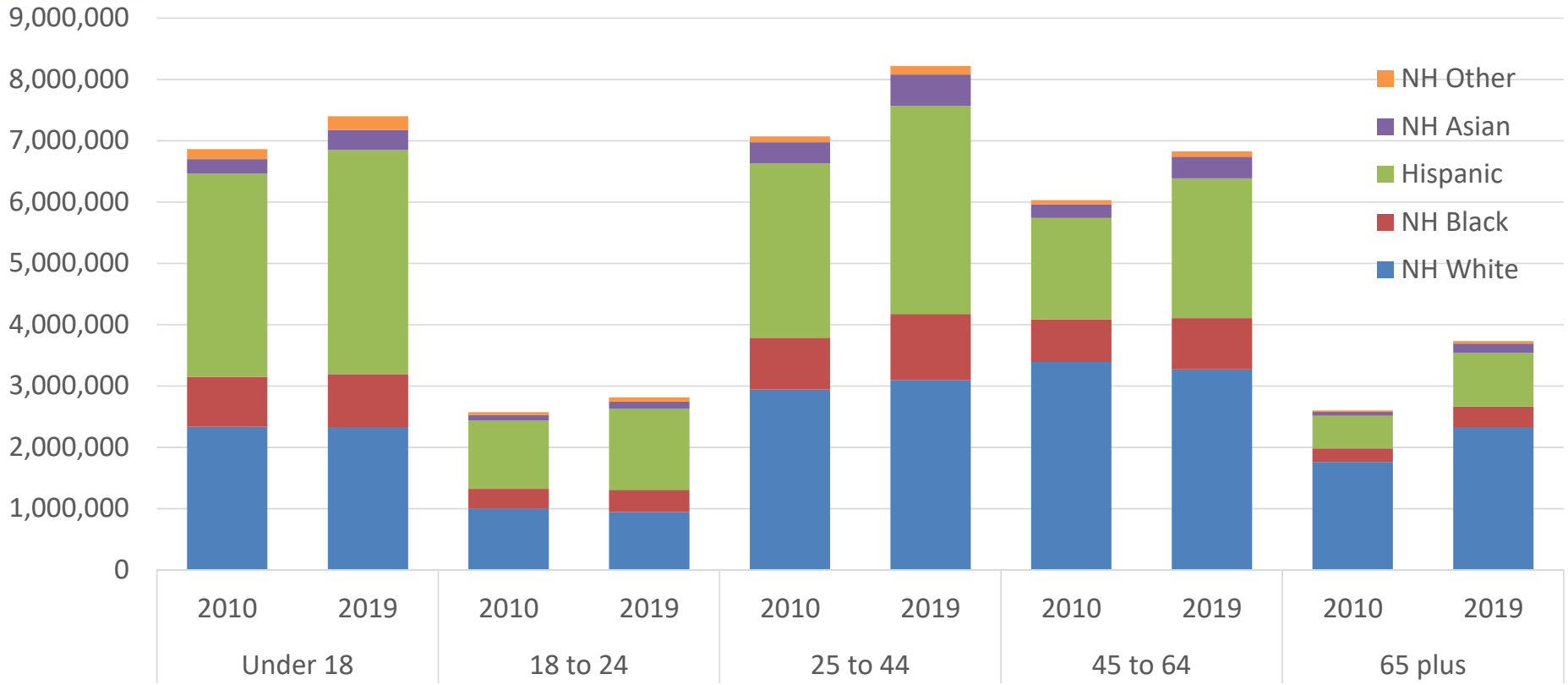
Race/Ethnicity Composition, Counties in Central Texas, 2010-2019

Share of Contribution to Total Population Change between 2010 and 2019 by Race/Ethnicity

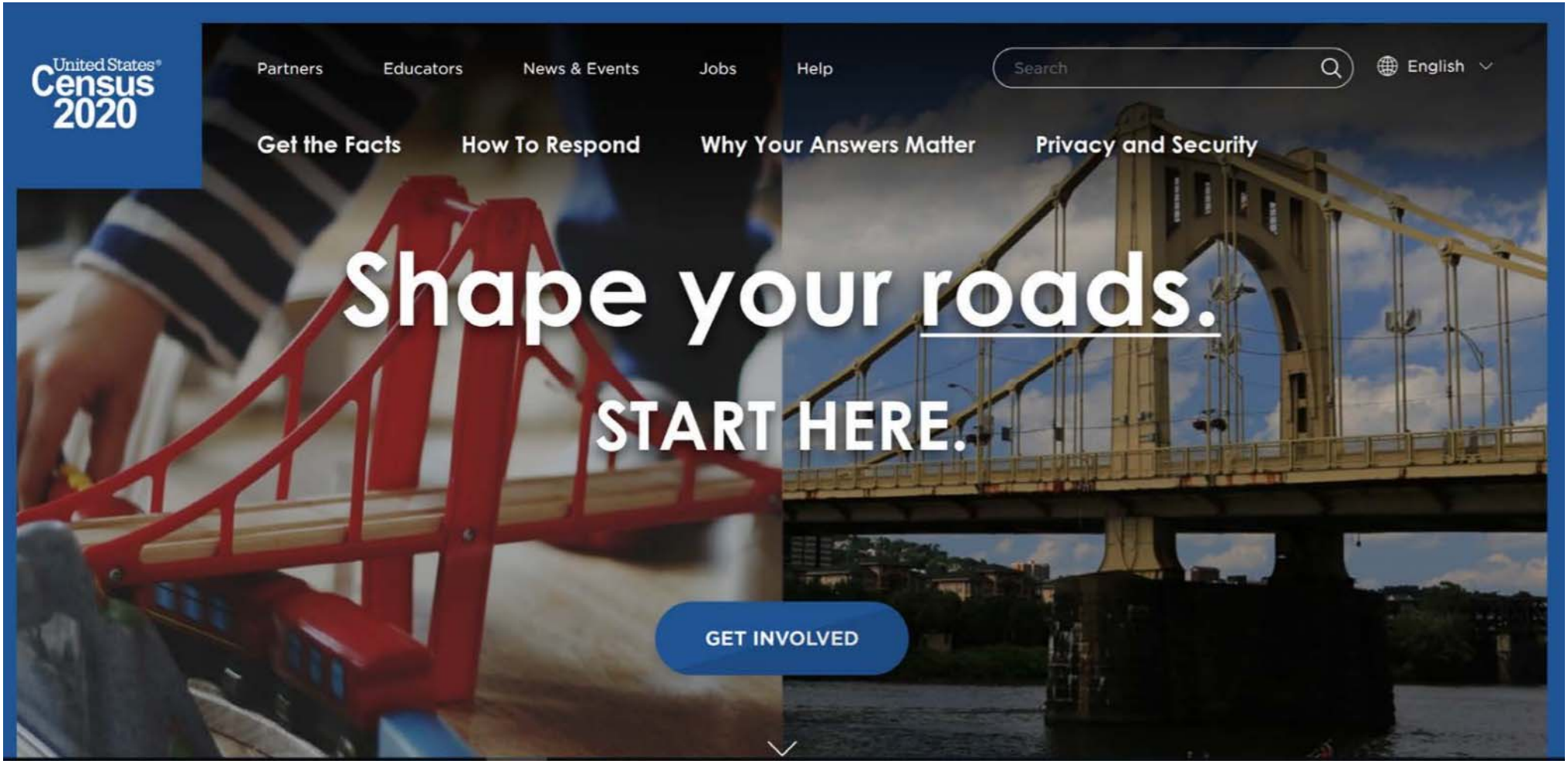
	Total	NH White	NH Black	NH Asian	NH Other	Hispanic
Bastrop	14552	19.1%	1.7%	1.3%	2.3%	**75.6%**
Blanco	1434	**54.0%**	4.7%	3.9%	6.8%	30.6%
Caldwell	5598	-3.6%	0.1%	0.8%	3.3%	**99.4%**
Hays	73084	39.0%	5.4%	2.5%	2.7%	**50.5%**
Travis	249688	**41.3%**	7.6%	13.1%	3.7%	34.4%
Williamson	167872	**43.1%**	8.6%	15.4%	4.0%	28.9%

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

Race/Ethnic Composition by Age Group, Texas, 2010-2019



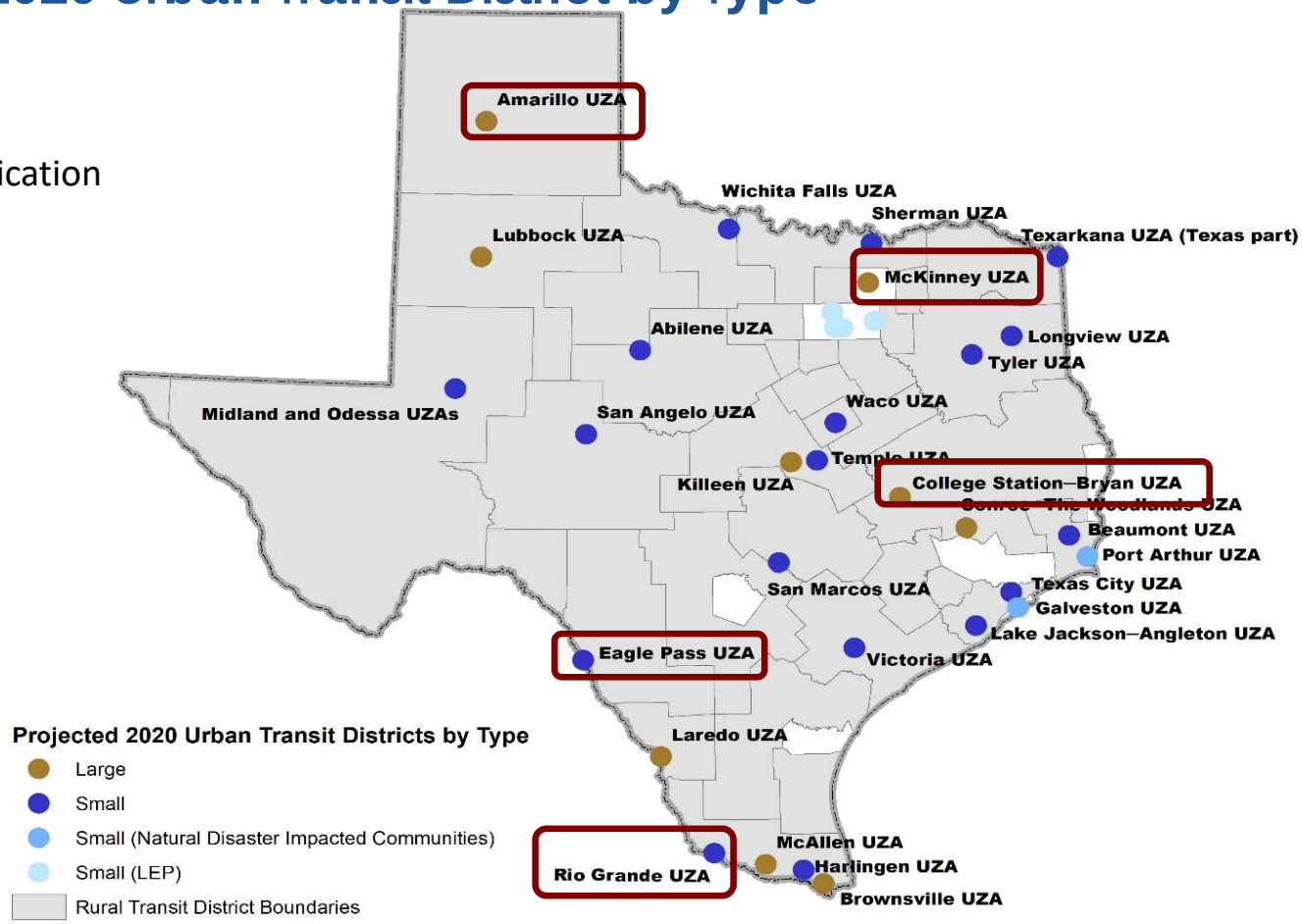
Source: U.S. Census Bureau. 2019 Population Estimates



A complete 2020 Census count is critical to Texas.

Projected 2020 Urban Transit District by Type

Indicates change in UZA classification



Source: Texas A&M Transportation Institute and Texas Demographic Center, Census 2020 Impacts on Texas Transit

Projected Change in Texas Urbanized Areas, 2010

Table 14B: Designated Urbanized Areas, 2010 (34 Areas)

- **4 areas of 1 million or people**
  - Dallas/Ft. Worth
  - Houston
  - San Antonio
  - *Austin*
- **9 areas of 200,000 to 1 million people**
  - *Brownsville*
  - *Conroe-The Woodlands*
  - Corpus Christi
  - Denton—Lewisville
  - El Paso
  - *Killeen*
  - *Laredo*
  - Lubbock
  - McAllen-Edinburg-Mission
- **21 areas of 50,000 to 200,000 people**
  - Abilene
  - Amarillo
  - Beaumont
  - Bryan-College Station
  - Harlingen
  - Lake Jackson
  - Longview
  - Mckinney
  - Midland
  - Odessa
  - Port Arthur
  - San Angelo
  - San Marcos
  - Sherman-Denison
  - Temple
  - Texarkana
  - Texas City
  - Tyler
  - Victoria
  - Waco
  - Wichita Falls

Note: New or merged urbanized areas in *italics.*

Source: Texas A&M Transportation Institute and Texas Demographic Center, Census 2020 Impacts on Texas Transit

Projected Change in Texas Urbanized Areas, 2020

Table 14C: Potential Urbanized Areas, 2020 (37 Areas)

- **4 areas of 1 million or people**
  - Dallas/Ft. Worth
  - Houston
  - San Antonio
  - Austin
- **12 areas of 200,000 to 1 million people**
  - *Amarillo*
  - Brownsville
  - *Bryan-College Station*
  - Conroe-The Woodlands
  - Corpus Christi
  - Denton—Lewisville
  - El Paso
  - Killeen
  - Laredo
  - Lubbock
  - McAllen-Edinburg-Mission
  - *McKinney*
- **21 areas of 50,000 to 200,000 people**
  - Abilene
  - Beaumont
  - *Eagle Pass*
  - *Galveston*
  - Harlingen
  - Lake Jackson
  - Longview
  - Midland
  - Odessa
  - Port Arthur
  - *Rio Grande*
  - San Angelo
  - San Marcos
  - Sherman-Denison
  - Temple
  - Texarkana
  - Texas City
  - Tyler
  - Victoria
  - Waco
  - Wichita Falls

Note: New or merged urbanized areas in *italics.*

Source: Texas A&M Transportation Institute and Texas Demographic Center, Census 2020 Impacts on Texas Transit

Census Derived Funding in Texas, FY2017

Program	FY2017 Funding
Medicare	$ 50,065,391,000
Medicaid	$ 21,078,511,000
Other programs	$ 11,665,742,000
Supplemental Nutrition Assistance Program	$ 5,805,152,000
Highway Planning and Construction	$ 2,172,810,000
National School Lunch Program	$ 1,433,344,000
Title I Grants to Local Education Agencies	$ 1,415,074,000
State Children's Health Insurance Program	$ 1,382,120,000
Special Education Grants	$ 1,037,782,000
Head Start	$ 626,118,000
School Breakfast Program	$ 558,932,000
Supplemental Nutrition Program for Women, Infants, and Children	$ 501,349,000
Child and Adult Care Food Program	$ 367,326,000
Federal Transit Formula Grants	$ 299,620,000
Child Care and Development Block Grant	$ 292,750,000
Vocational Rehabilitation Grants to the States	$ 278,589,000
Health Care Centers	$ 252,786,000
Child Care Mandatory and Matching Funds	$ 224,538,000
Title IV-E Foster Care	$ 207,520,000
Supporting Effective Instruction State Grants	$ 169,159,000

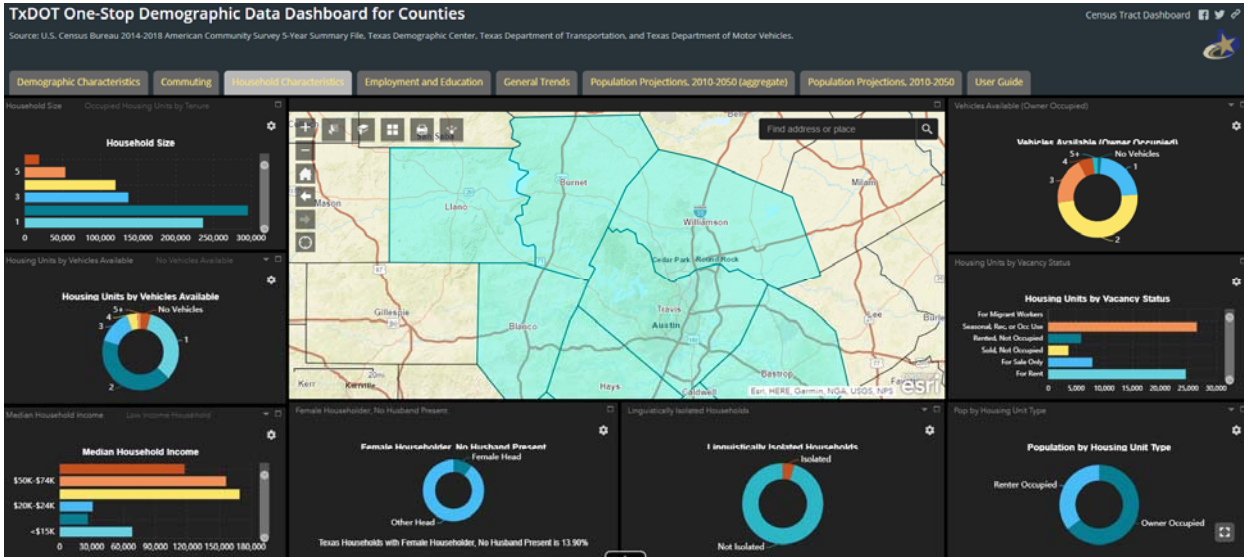
Source: Reamer, Andrew; George Washington Institute of Public Policy, Counting for Dollars

Census Derived Funding in Texas, FY2017

Program	FY2017 Funding
Community Development Block Grants/Entitlement Grants	$ 156,133,000
Crime Victim Assistance	$ 155,567,000
Public Housing Capital Fund	$ 145,820,000
Block Grants for the Prevention and Treatment of Substance Abuse	$ 144,710,000
Adoption Assistance	$ 143,120,000
Unemployment Insurance Administration	$ 134,772,000
Social Services Block Grant	$ 134,505,000
Low Income Home Energy Assistance	$ 118,304,000
Career and Technical Education - Basic Grants to States	$ 93,666,000
Public Housing Operating Fund	$ 73,562,000
Home Investment Partnerships Program	$ 63,974,000
State Community Development Block Grant	$ 59,551,000
WIOA Youth Activities	$ 58,290,000
WIOA Adult Activities	$ 55,508,000
Employment Service/Wagner-Peyser Funded Activities	$ 50,422,000
WIOA Dislocated Worker Formula Grants	$ 49,097,000
Community Services Block Grant	$ 33,936,000
Special Programs for the Aging, Title III, Part C, Nutrition Services	$ 28,861,000
Federal Transit - Capital Investment Grants	$ 28,160,000
Cooperative Extension Service	$ 22,443,000
Homeland Security Grant Program	$ 21,481,000

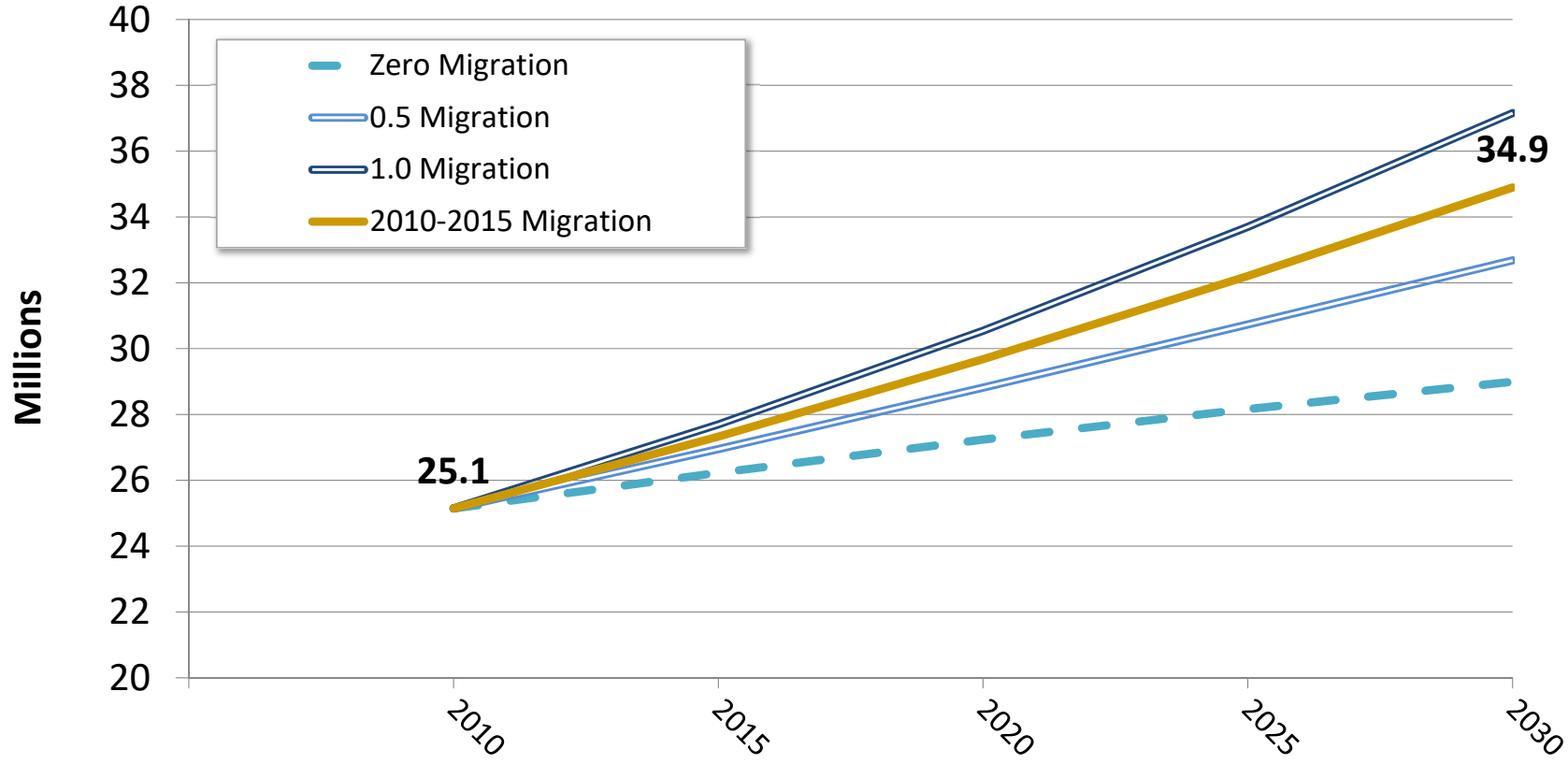
Texas Demographic Center Data Resource

- TxDOT One Stop
  - https://idserportal.utsa.edu/txdot/onestop/Default.aspx
  - Including special projections: Household, Household income distribution/median income, Families in poverty, Vehicle Ownership, Labor force, Disability



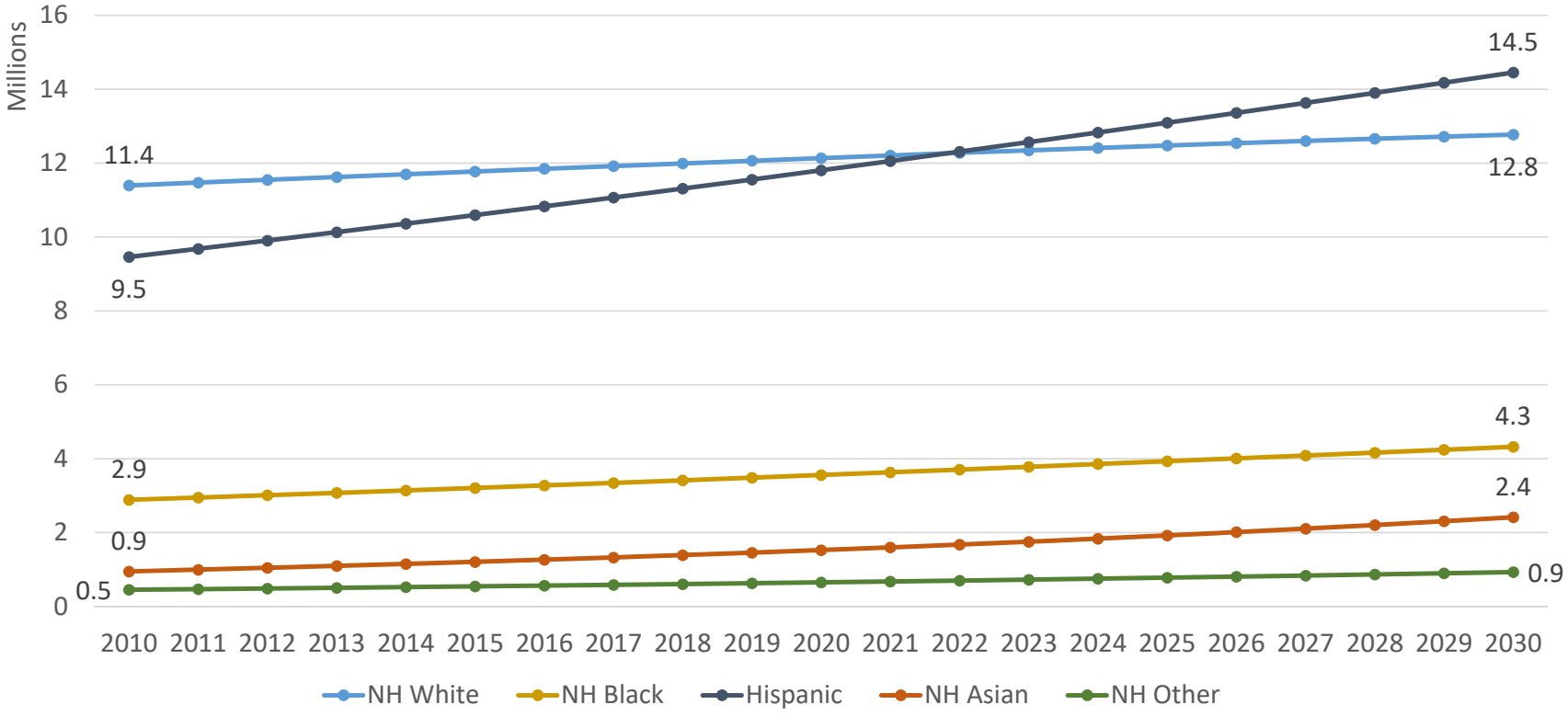
Population Projections

Projected Population, Texas, 2010-2030



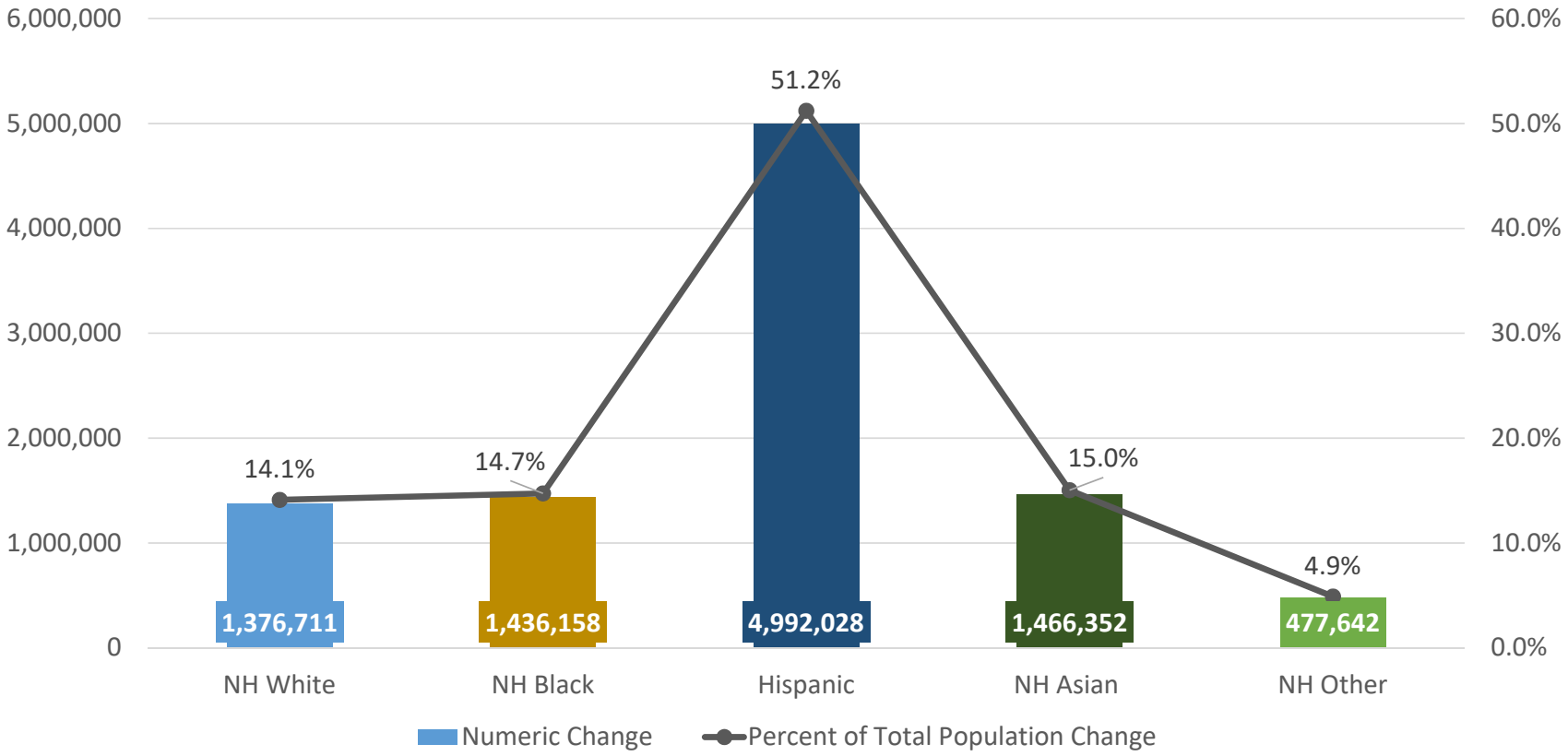
Source: Texas Demographic Center, 2014 and 2018 Population Projections

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



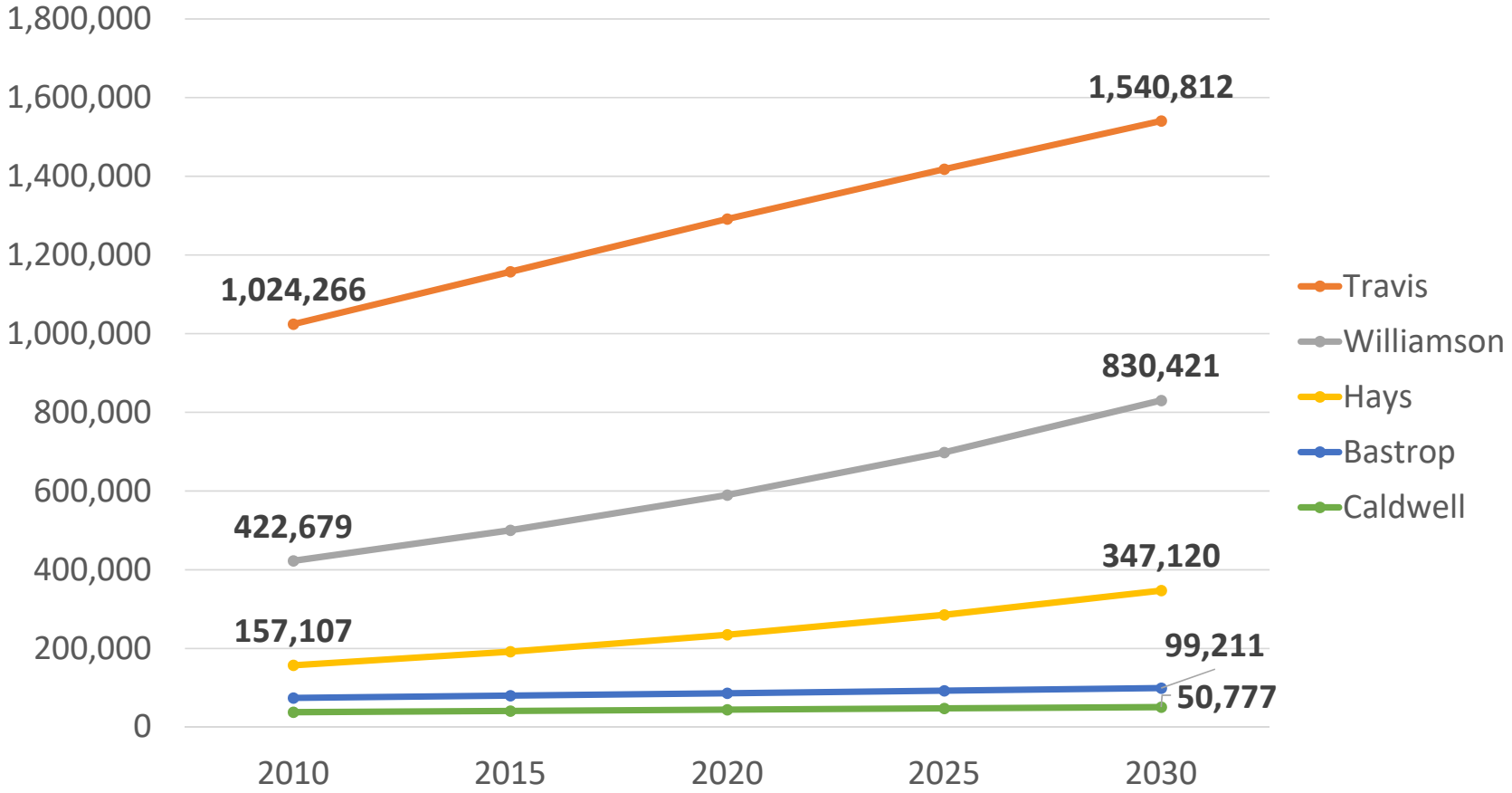
Source: Texas Demographic Center, 2018 Vintage Population Projections, 2010-2015 Migration Scenario

Projected Population Change and Percent of Total Change by Race/Ethnicity, Texas, 2010-2030



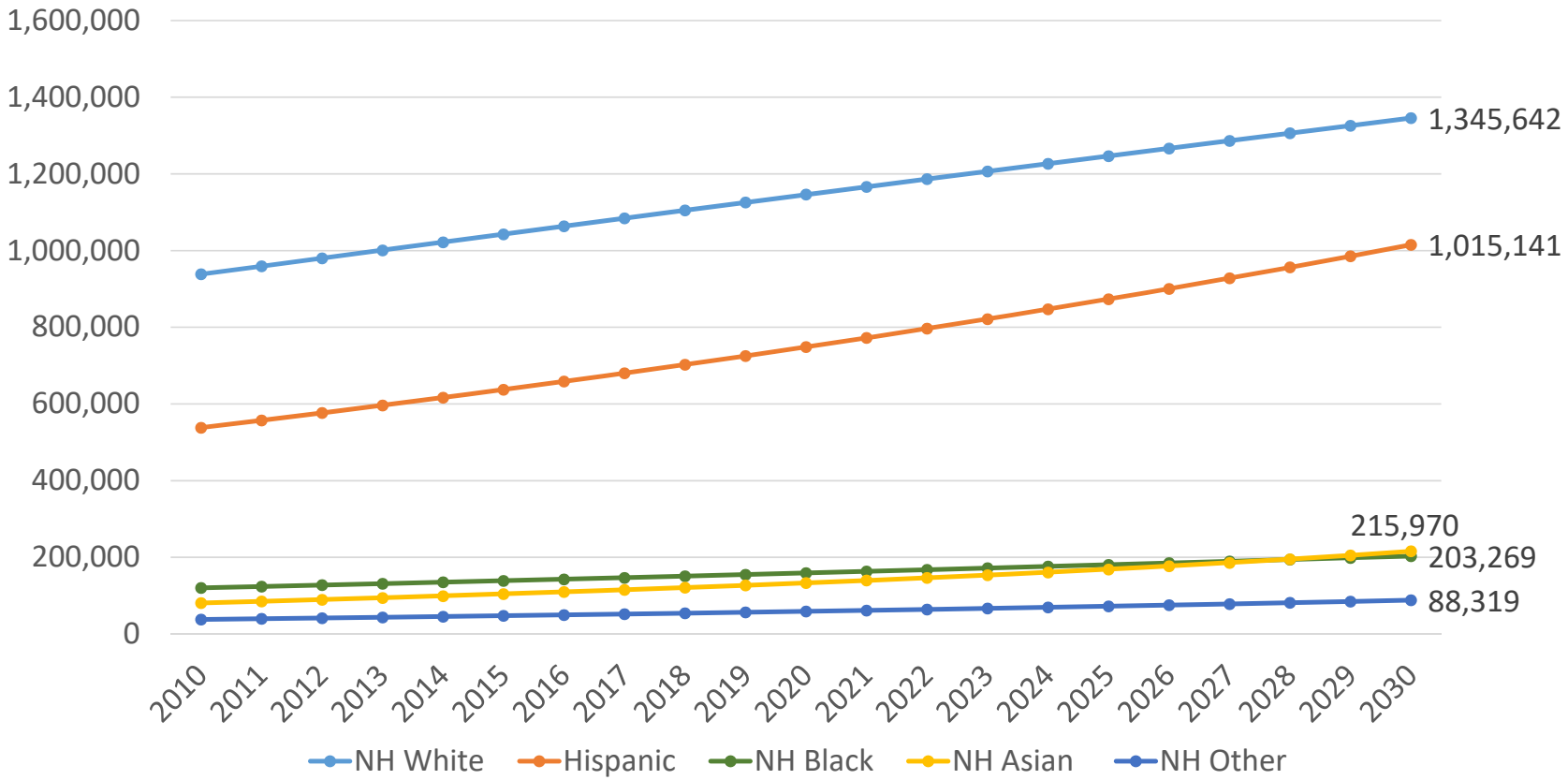
Source: Texas Demographic Center 2018 Population Projections

Population Projections, Austin Metro Counties, 2010-2030



Source: Texas Demographic Center 2018 Population Projections

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



Source: Texas Demographic Center 2018 Population Projections

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