Demographic Trends, Characteristics, and Projections for Texas and the Dallas Metro Area

North Texas Tollway Authority

Dallas, TX

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@TexasDemography

TEXAS DEMOGRAPHIC CENTER

Demographic Overview

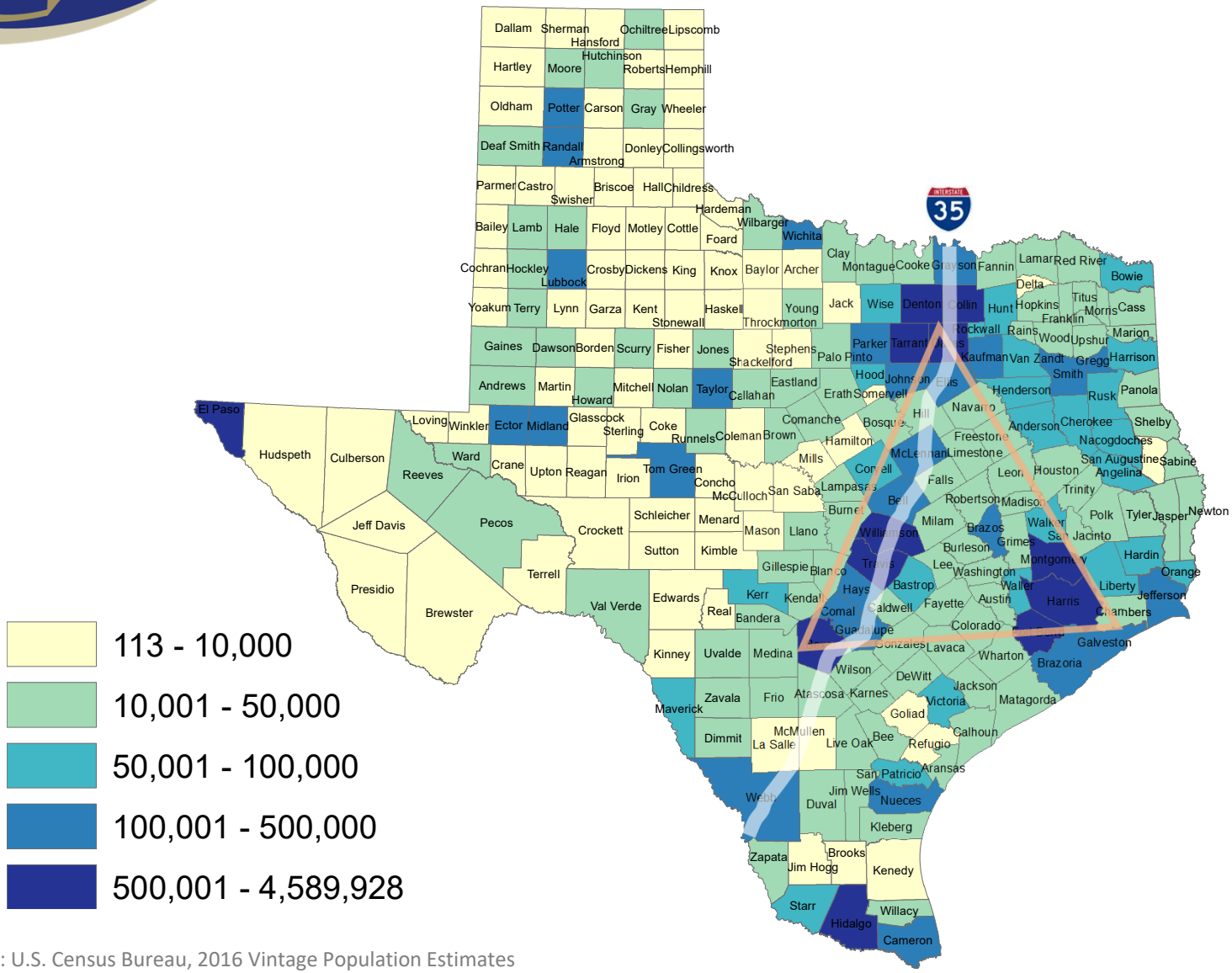
- Texas is experiencing significant growth.
- Migration is the primary source of growth for metropolitan areas in Texas.
- The Dallas-Fort Worth-Arlington metro area added more people between 2015 and 2016 than any other metro in the country.
- About 60% of population change in the DFW metro area can be attributed to net migration.
- Internally, the DFW metro has significant population reallocation, impacting the principal core counties of Dallas and Tarrant in very different ways.
- International migration plays a key role in population growth in the DFW metro area.
- A young and growing workforce could be a competitive edge for Texas and its growing metro areas.
- Demographic shifts may have serious implications for maintaining inclusive and equitable economic growth in the state.

Growing States, 2000-2017

	2000 Population	2010 Population	2017 Population	Numeric Change 2010-2017	Percent Change 2010-2017
United States	**281,421,906**	**308,745,538**	**325,719,178**	**16,961,073**	**5.49%**
Texas	20,851,820	25,145,561	28,304,596	3,158,496	12.56%
California	33,871,648	37,253,956	39,536,653	2,282,135	6.13%
Florida	15,982,378	18,801,310	20,984,400	2,179,806	11.59%
Georgia	8,186,453	9,687,653	10,429,379	740,689	7.65%
North Carolina	8,049,313	9,535,483	10,273,419	737,698	7.74%
Washington	5,894,121	6,724,540	7,405,743	681,198	10.13%
Arizona	5,130,632	6,392,017	7,016,270	623,961	9.76%

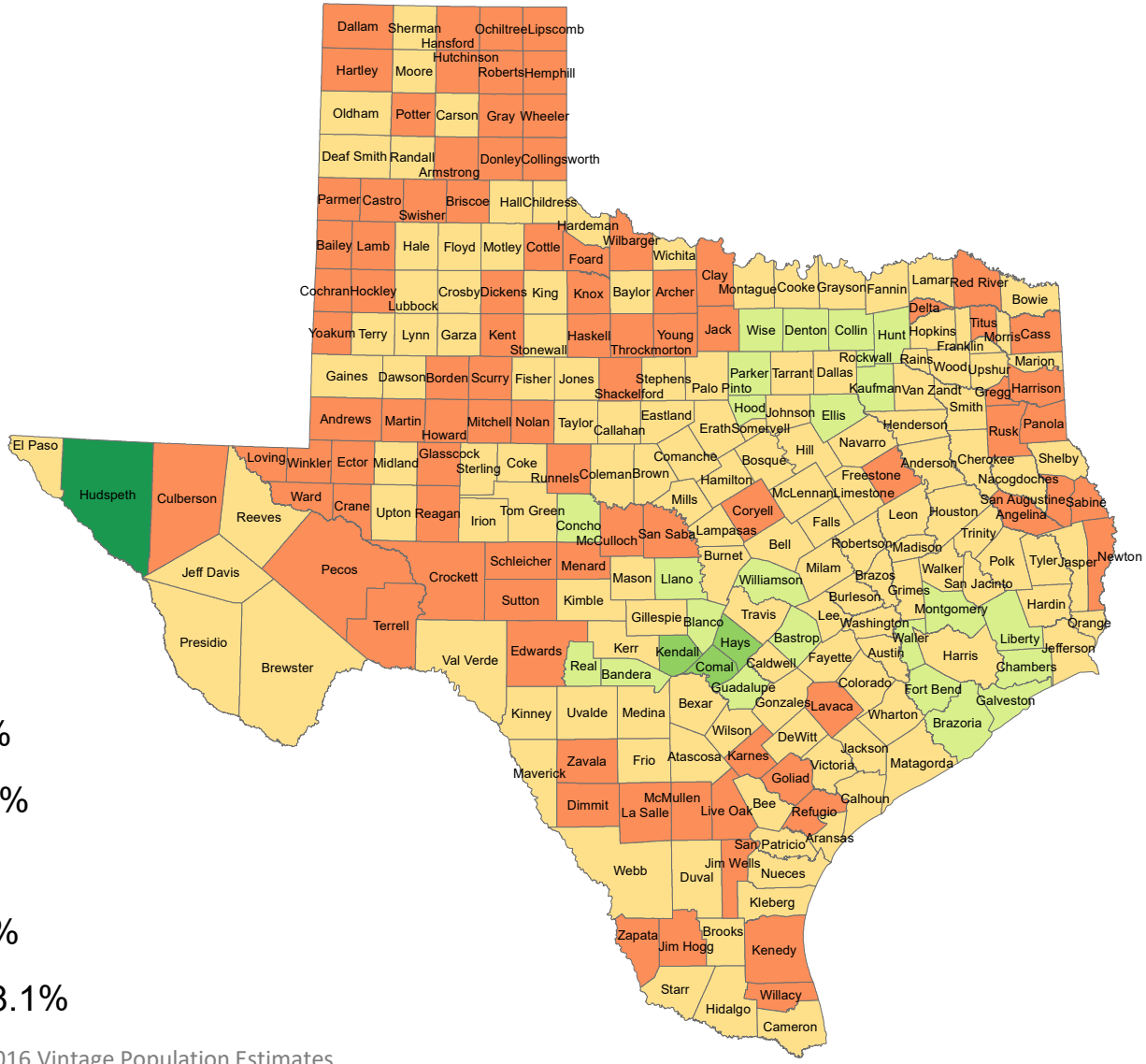
Source: U.S. Census Bureau. 2000 and 2010 Census Count, 2017 Population Estimates.

Total Estimated Population by County, Texas, 2016



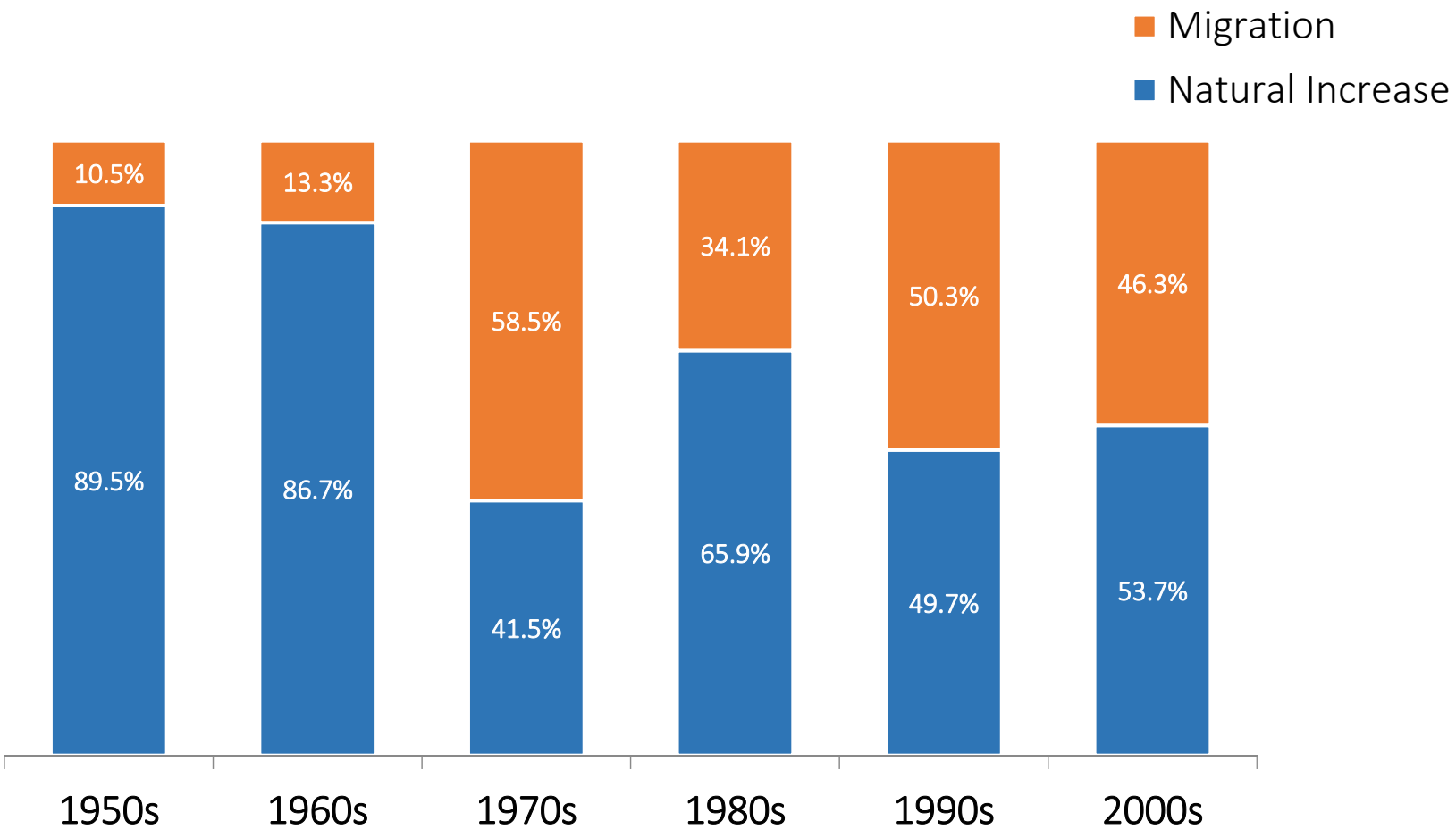
Source: U.S. Census Bureau, 2016 Vintage Population Estimates

Estimated Percent Change of the Total Population by County, Texas, 2010 to 2016



Source: U.S. Census Bureau, 2016 Vintage Population Estimates

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



Source: U.S. Census Bureau, Population Estimates

Top Counties for Percent Growth* in Texas, 2015-2016

County	U.S. Rank	2015-2016 Percent Population Change	Percent Change from Domestic Migration	Percent Change from International Migration
Kendall	2	5.2%	95.9%	4.0%
Hays	3	5.1%	82.2%	1.8%
Comal	6	4.4%	88.5%	2.0%
Williamson	14	4.1%	74.1%	5.6%
Fort Bend	18	3.8%	59.4%	15.8%
Montgomery	24	3.7%	73.5%	8.0%
Rockwall	25	3.6%	82.2%	2.5%
Denton	28	3.6%	67.1%	9.0%
Kaufman	36	3.4%	81.3%	2.2%
Bastrop	42	3.1%	83.5%	0.7%
Ellis	50	3.1%	78.1%	2.6%

Source: U.S. Census Bureau, 2016 Vintage Population Estimates.

Top Counties for Numeric Growth in Texas, 2015-2016

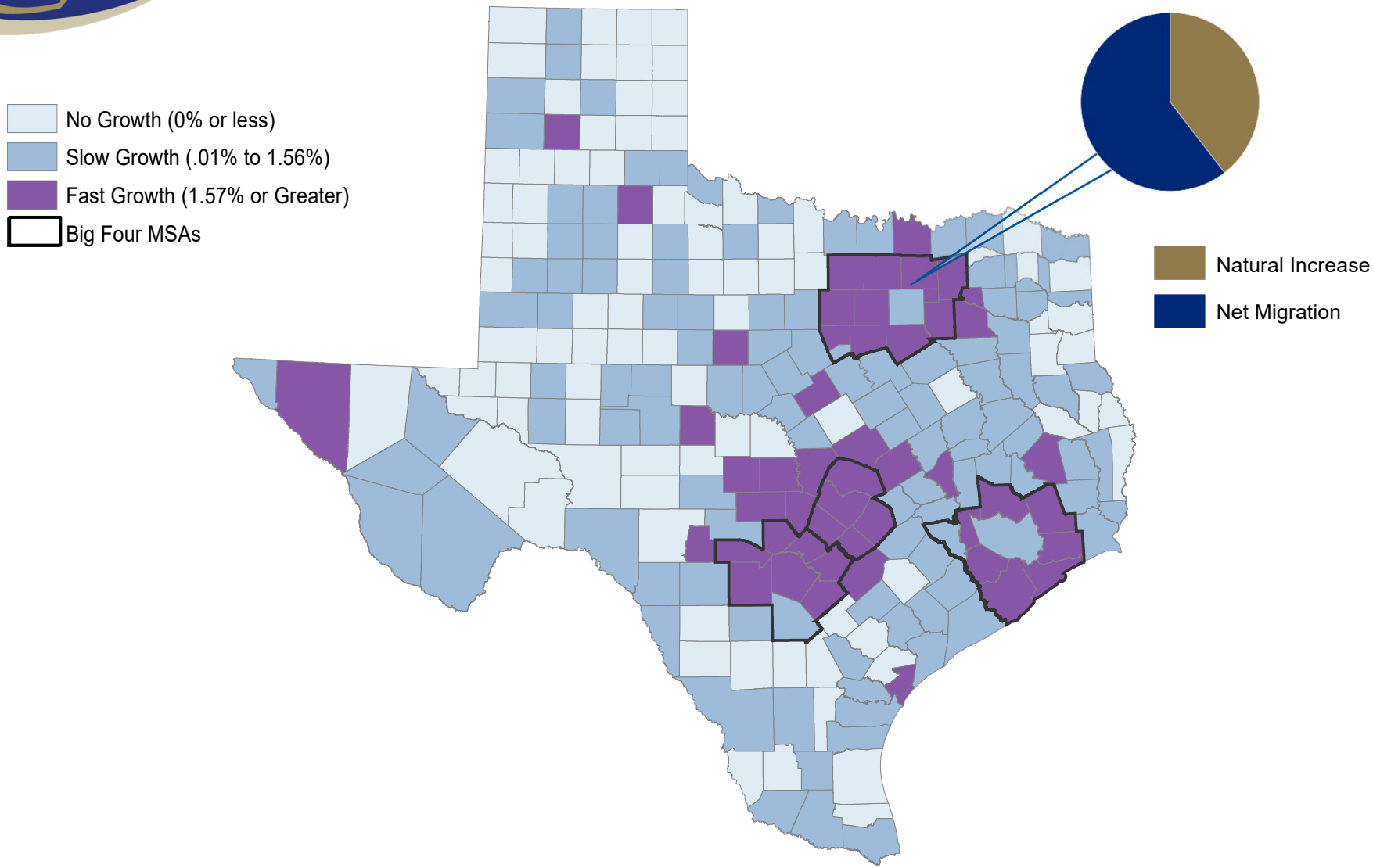
County	U.S. Rank Population Change	Population Change	Percent of Change from Natural Increase	Percent Change from Domestic Migration	Percent Change from International Migration
Harris	2	56,587	79.9%	-27.9%	48.1%
Tarrant	5	35,462	44.4%	37.7%	17.9%
Bexar	7	33,198	44.6%	39.3%	16.1%
Dallas	9	29,209	79.9%	-20.9%	41.0%
Denton	11	27,689	23.9%	67.1%	9.0%
Fort Bend	13	27,388	24.8%	59.4%	15.8%
Collin	14	26,506	25.8%	58.7%	15.5%
Travis	17	24,505	44.2%	33.3%	22.5%
Williamson	22	20,659	20.3%	74.1%	5.6%
Montgomery	24	19,769	18.5%	73.5%	8.0%
Hidalgo*	54	10,529	113.5%	-33.4%	19.9%

Hidalgo County had negative net migration (-13.5% of total population growth).

Source: U.S. Census Bureau, 2016 Vintage Population Estimates

Source: U.S. Census Bureau, 2016 Vintage Population Estimates.

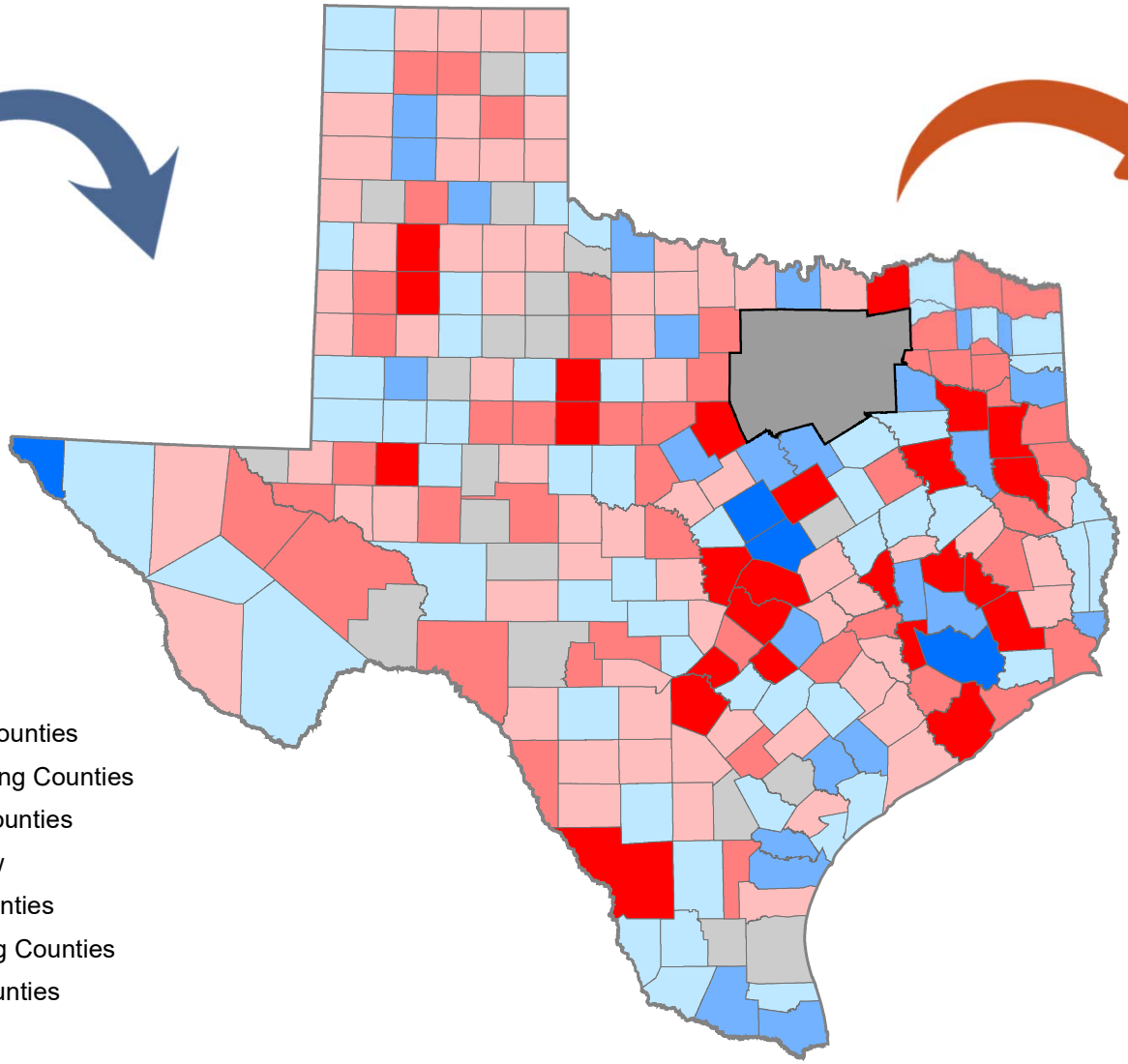
Population Growth and Components of Change for the DFW Metro Area, 2016



Source: U.S. Census Bureau, 2016 Population Estimates

Domestic and Internal Migration Flows to and from the DFW Metro

Highest Sending States:
California
Oklahoma
Florida
Louisiana
Illinois



Highest Receiving States:
Oklahoma
California
Florida
Colorado
Louisiana

- High Receiving Counties
- Moderate Receiving Counties
- Low Receiving Counties
- No Migration Flow
- Low Sending Counties
- Moderate Sending Counties
- High Sending Counties

Source: U.S. Census Bureau, 2016. ACS County to County Migration Flows, 2010-2014

County to County Migration Flows, Dallas and Tarrant Counties, 2010-2014

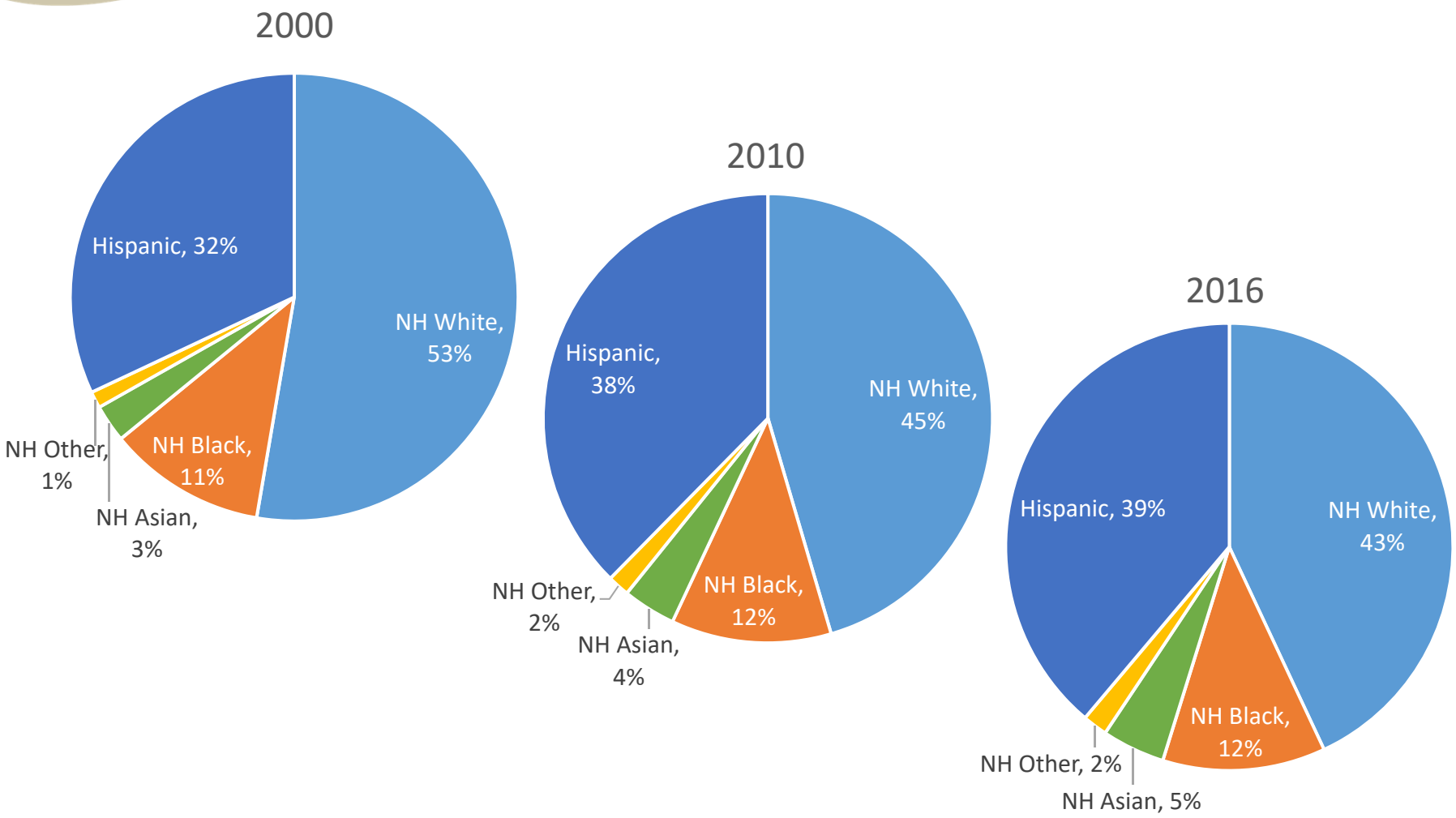
Dallas County

	In-Flows	Net Migration
Denton County	8,852	-7,365
Tarrant County	13,443	-6,406
Travis County	2,010	-1,426
Harris County	3,375	-1,356
Kaufman County	2,501	-1,201

Tarrant County

	In-Flows	Net Migration
Dallas County	19,849	6,406
Harris County	3,218	1,181
Denton County	5,895	-1,405
Brazos County	458	-1,153
Lubbock County	1,177	-1,073
Collin County	2,622	-321
Ellis County	914	-47

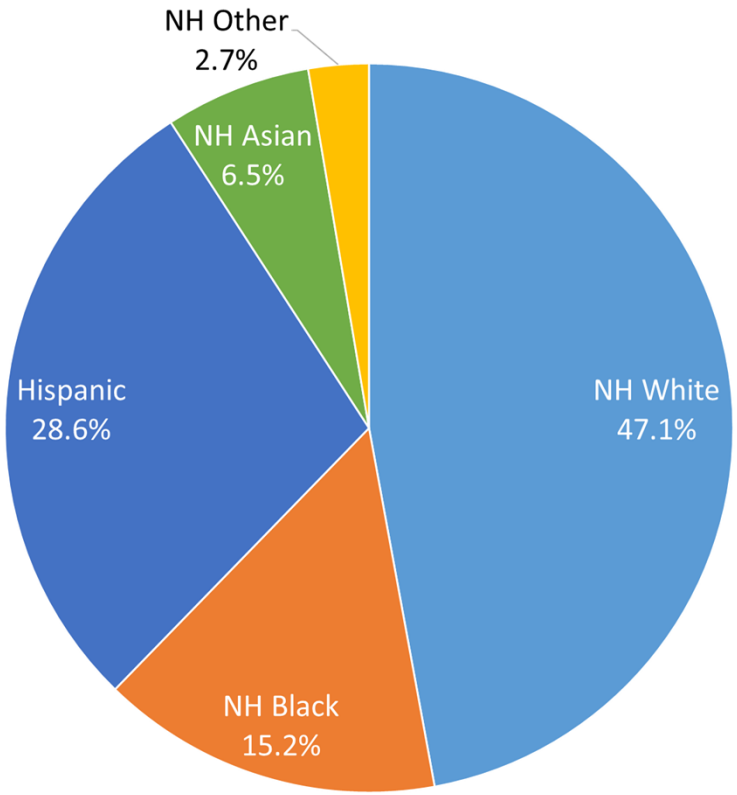
Texas Racial and Ethnic Composition, 2000, 2010, and 2016



Source: U.S. Census Bureau. 2000, 2010 Decennial Census and 2016 Population Estimates

Race/Ethnicity Composition, Dallas Metro Area and DFW Counties

Dallas-Fort Worth-Arlington Metro Area



Source: U.S. Census Bureau, 2016 American Community Survey 1-Year Estimates

	NH White	NH Black	Hispanic or Latino	NH Asian	NH Other
Parker County	84.5%	1.7%	11.2%	0.6%	1.9%
Delta County	81.2%	8.2%	6.8%	0.7%	3.0%
Wise County	78.2%	1.2%	18.2%	0.4%	2.1%
Johnson County	74.6%	2.5%	19.5%	0.8%	2.6%
Hunt County	73.5%	8.4%	14.6%	1.2%	2.3%
Rockwall County	72.8%	5.3%	16.7%	2.3%	2.8%
Kaufman County	68.1%	9.3%	18.8%	0.8%	2.9%
Ellis County	63.9%	8.8%	24.7%	0.6%	2.0%
Denton County	62.1%	8.7%	18.8%	7.3%	3.1%
Collin County	60.8%	8.9%	15.0%	12.4%	2.9%
Tarrant County	49.8%	15.1%	27.6%	4.9%	2.6%
Dallas County	31.5%	21.8%	39.0%	5.6%	2.1%

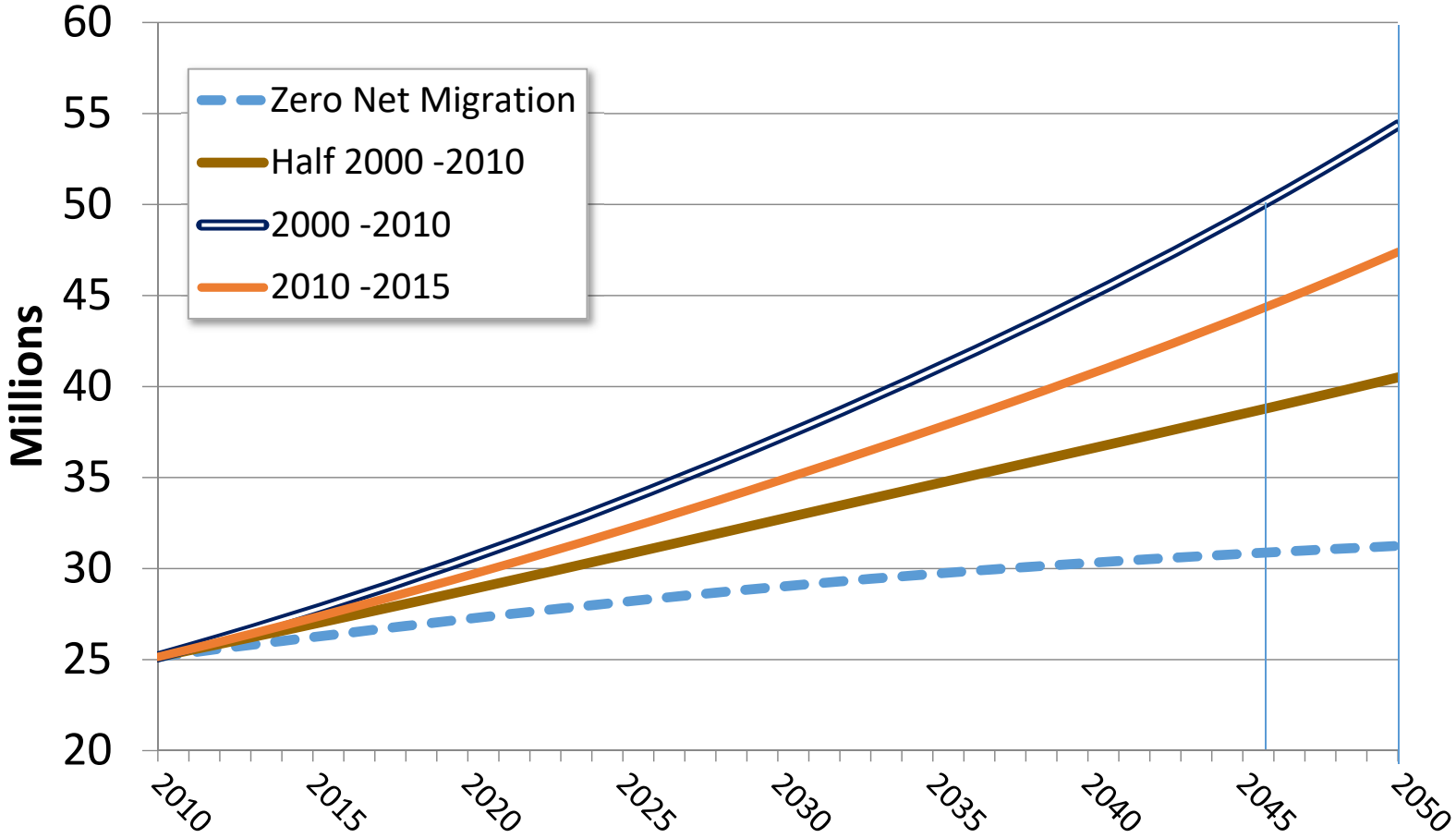
Source: U.S. Census Bureau, 2015 American Community Survey 5-Year Estimates

Numeric and Percent Change by Race/Ethnicity, 2010 to 2016

		Total	NH White	NH Black	Hispanic	NH Asian	NH Other
Dallas County	NumChg	206,845	-20,159	60,442	120,316	38,678	7,568
	PerChg	8.73%	-2.56%	11.61%	13.28%	32.39%	21.62%
Tarrant County	NumChg	207,838	25,809	58,268	90,228	23,467	10,066
	PerChg	11.49%	2.75%	22.10%	18.68%	27.88%	25.89%
Collin County	NumChg	157,244	55,202	24,560	26,855	43,954	6,673
	PerChg	20.10%	11.16%	37.71%	23.28%	49.78%	35.48%
Denton County	NumChg	143,566	57,762	22,422	33,964	24,126	5,292
	PerChg	21.67%	13.50%	41.23%	28.11%	55.17%	33.75%
Johnson County	NumChg	12,340	3,716	1,035	6,384	310	895
	PerChg	8.18%	3.21%	27.04%	23.37%	32.16%	29.11%

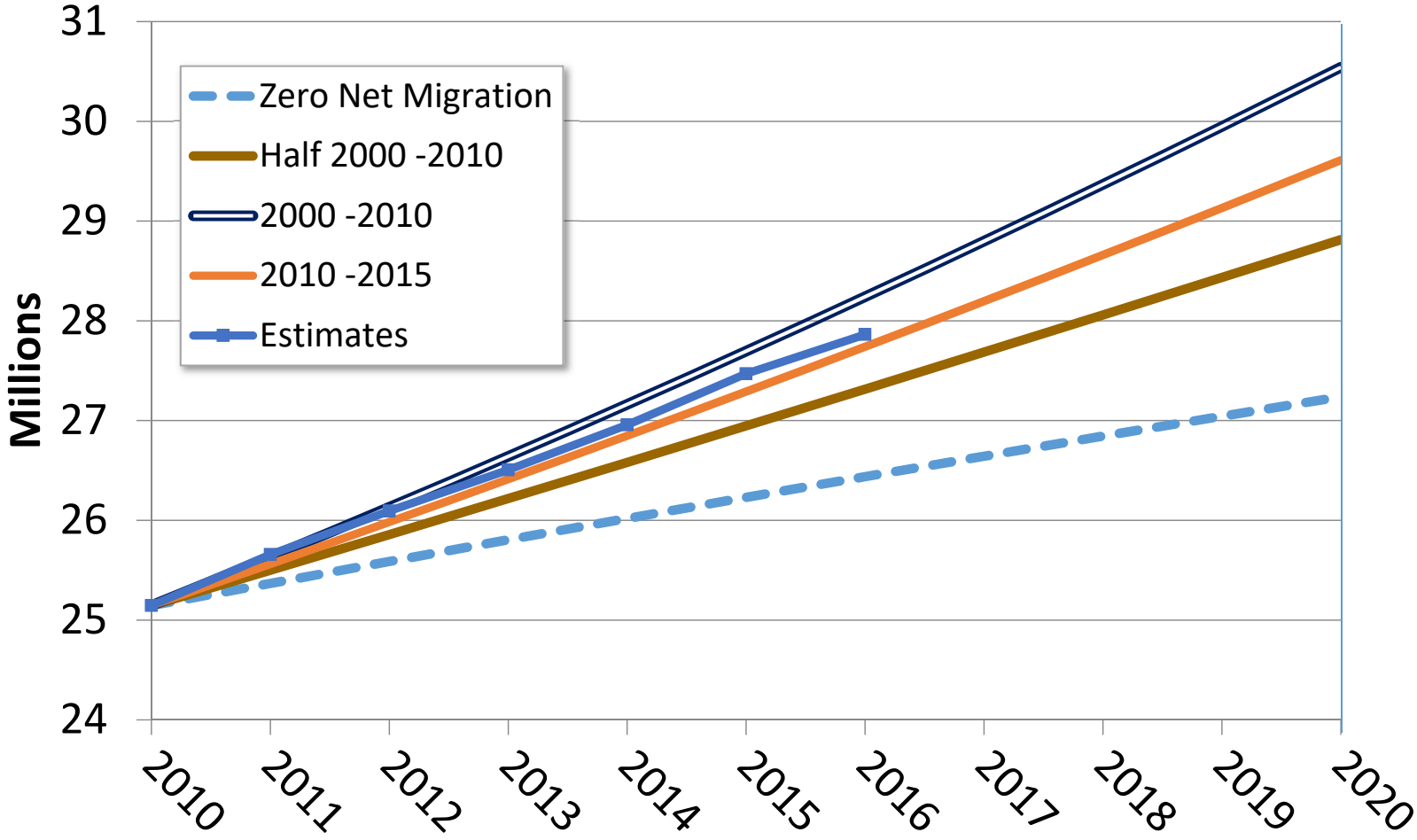
Source: U.S. Census Bureau, 2016 Population Estimates

Projected Population Growth in Texas, 2010-2050



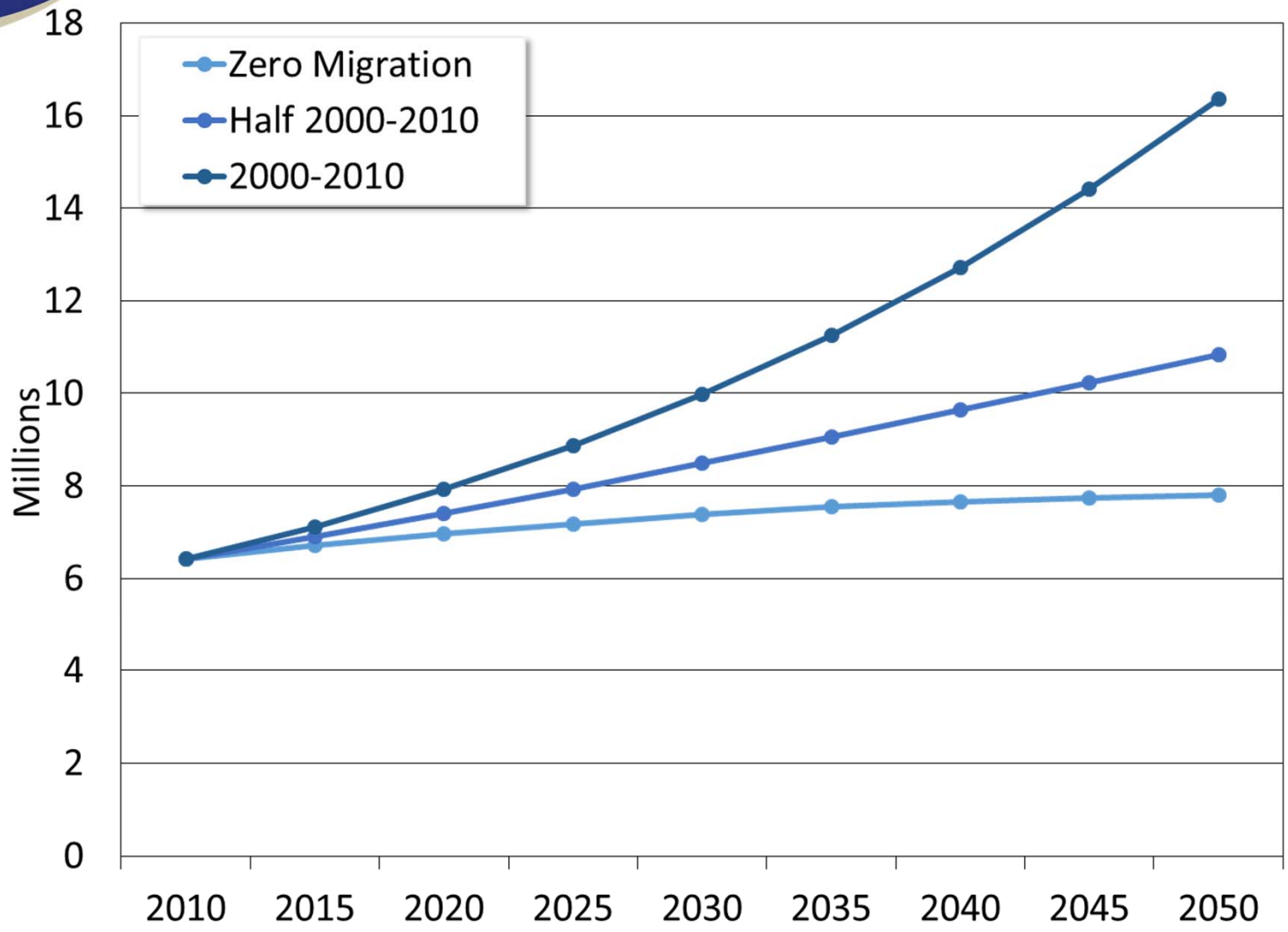
Source: Texas State Data Center, 2016 Preliminary Population Projections

Projected Population Growth in Texas, 2010-2020



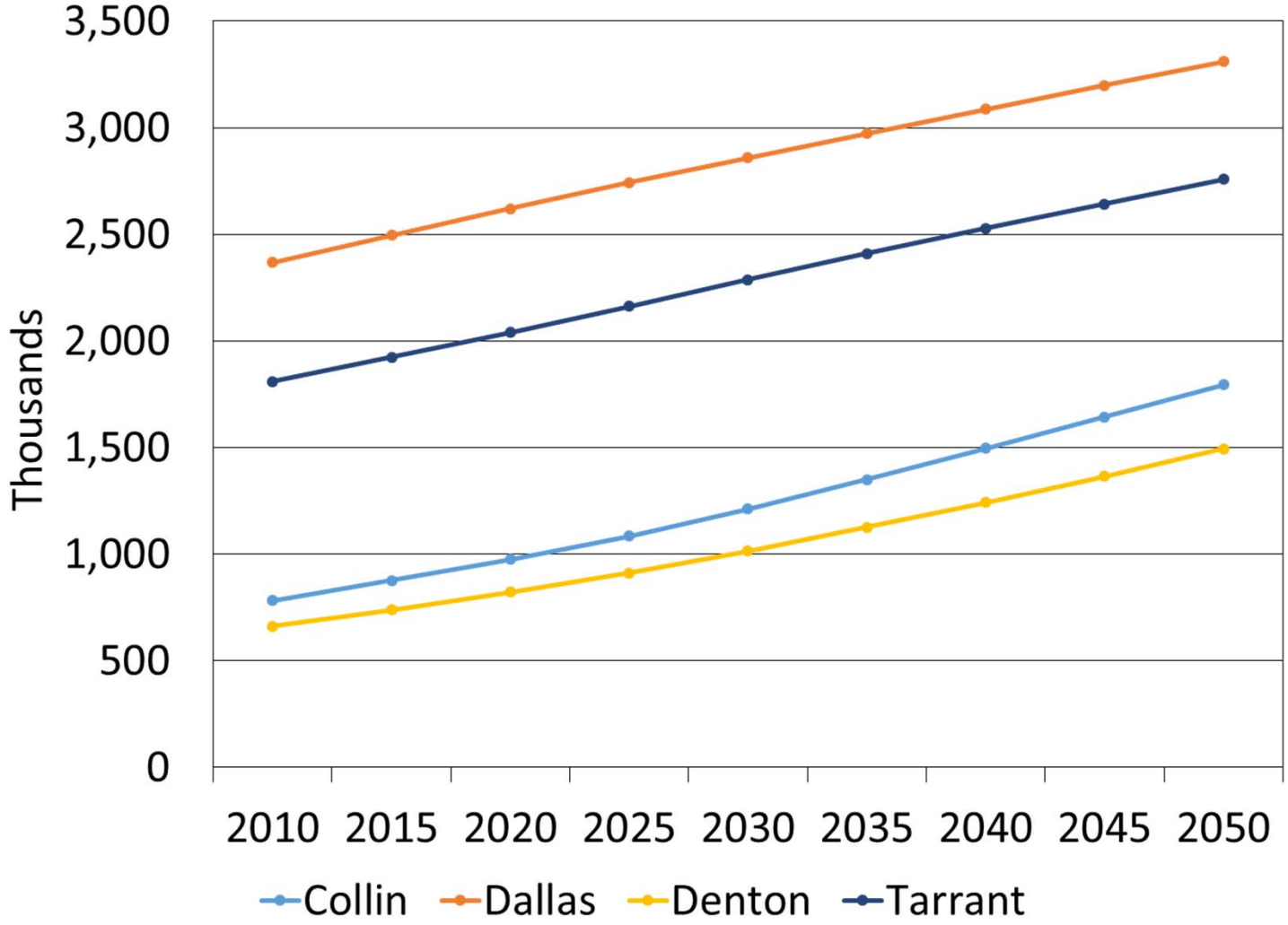
Source: Texas State Data Center, 2016 Preliminary Population Projections and U.S. Census Bureau, 2016 Population Estimates

Population Projections, Dallas-Fort Worth Metro Area, 2010-2050



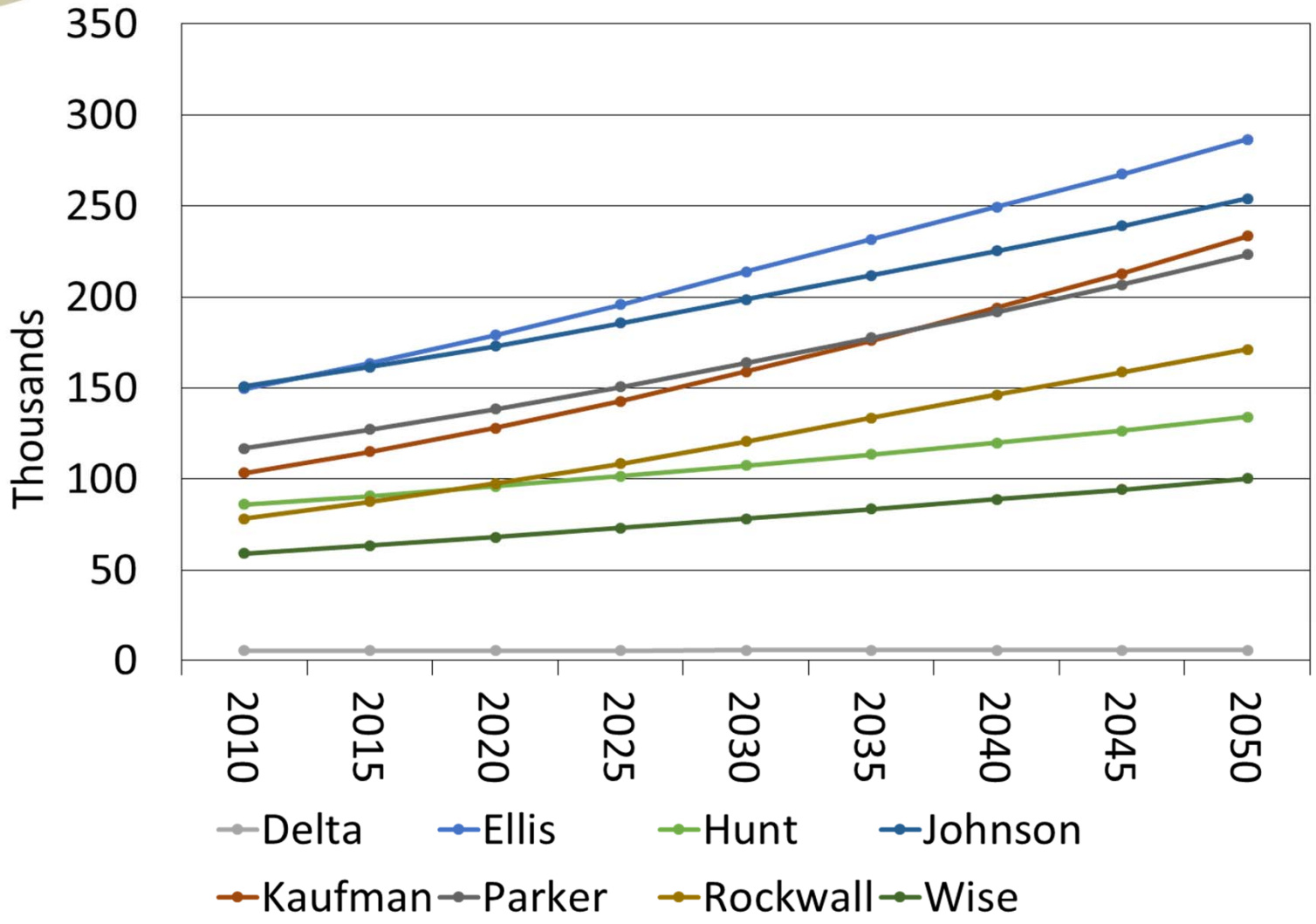
Source: Texas Demographic Center, 2014 Population Projections

Population Projections, DFW Metro Largest Counties, 2010-2050



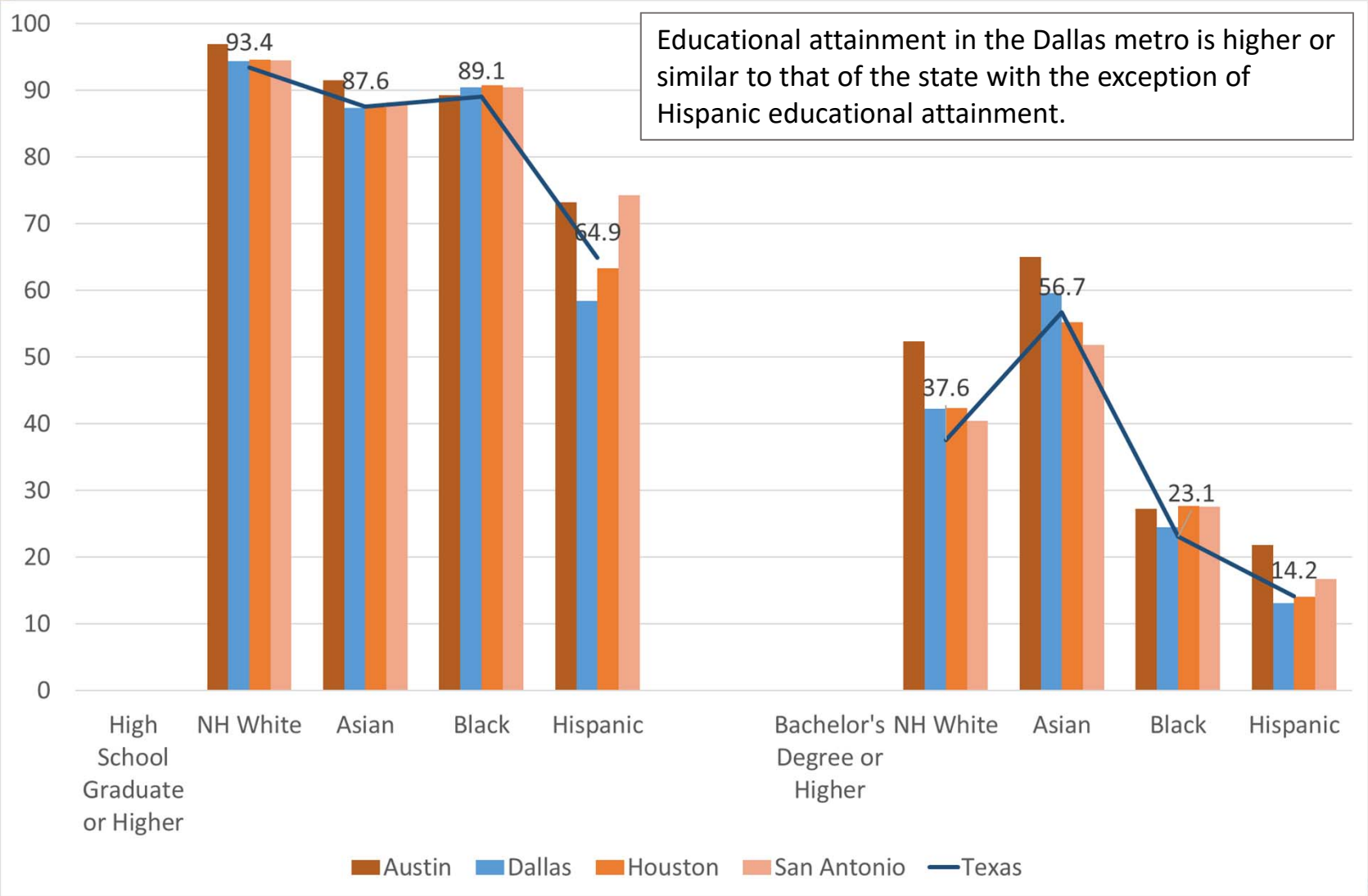
Source: Texas Demographic Center, 2014 Population Projections, Half Migration Scenario

Population Projections, DFW Metro Smaller Counties, 2010-2050

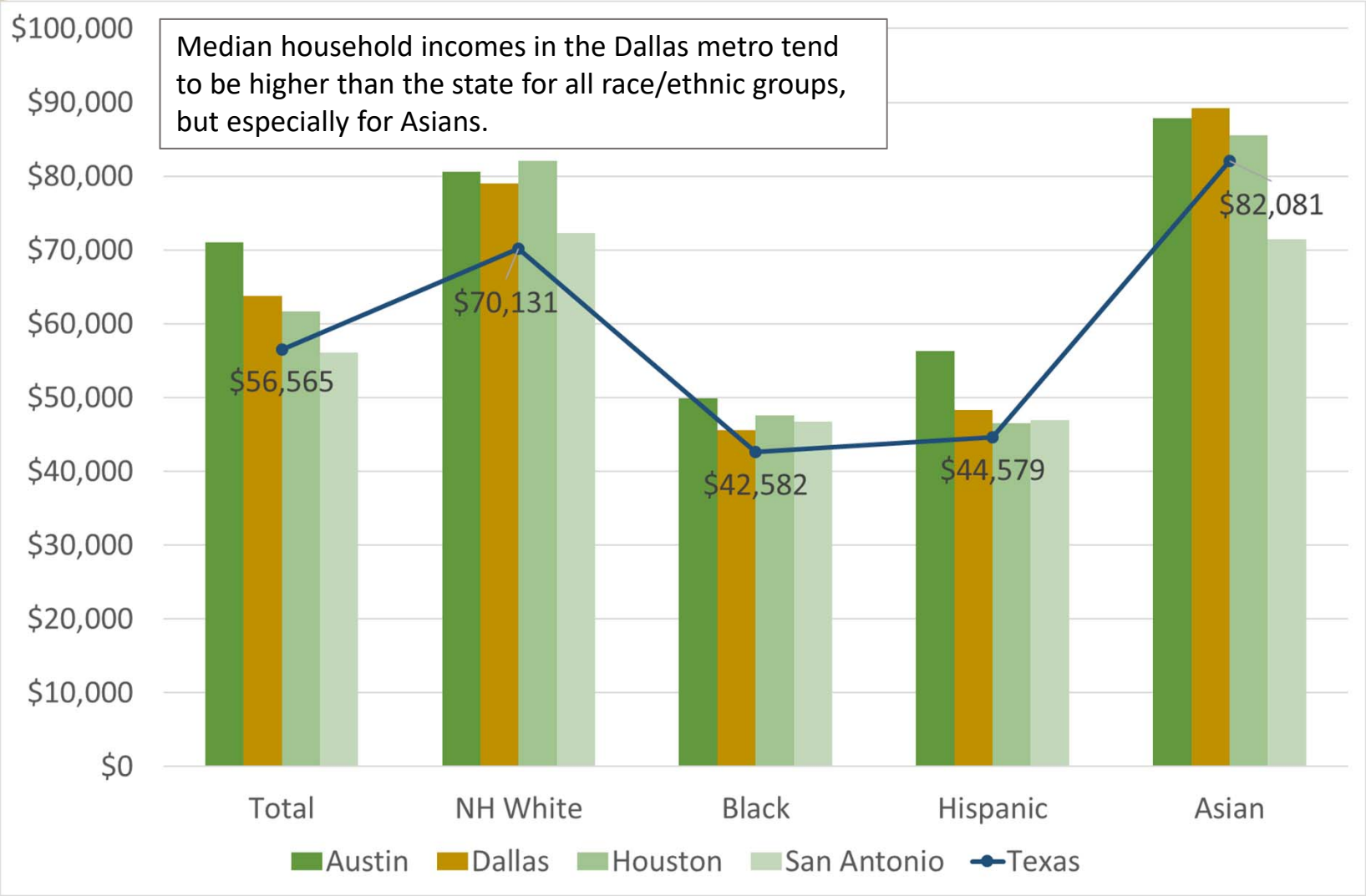


Source: Texas Demographic Center, 2014 Population Projections, Half Migration Scenario

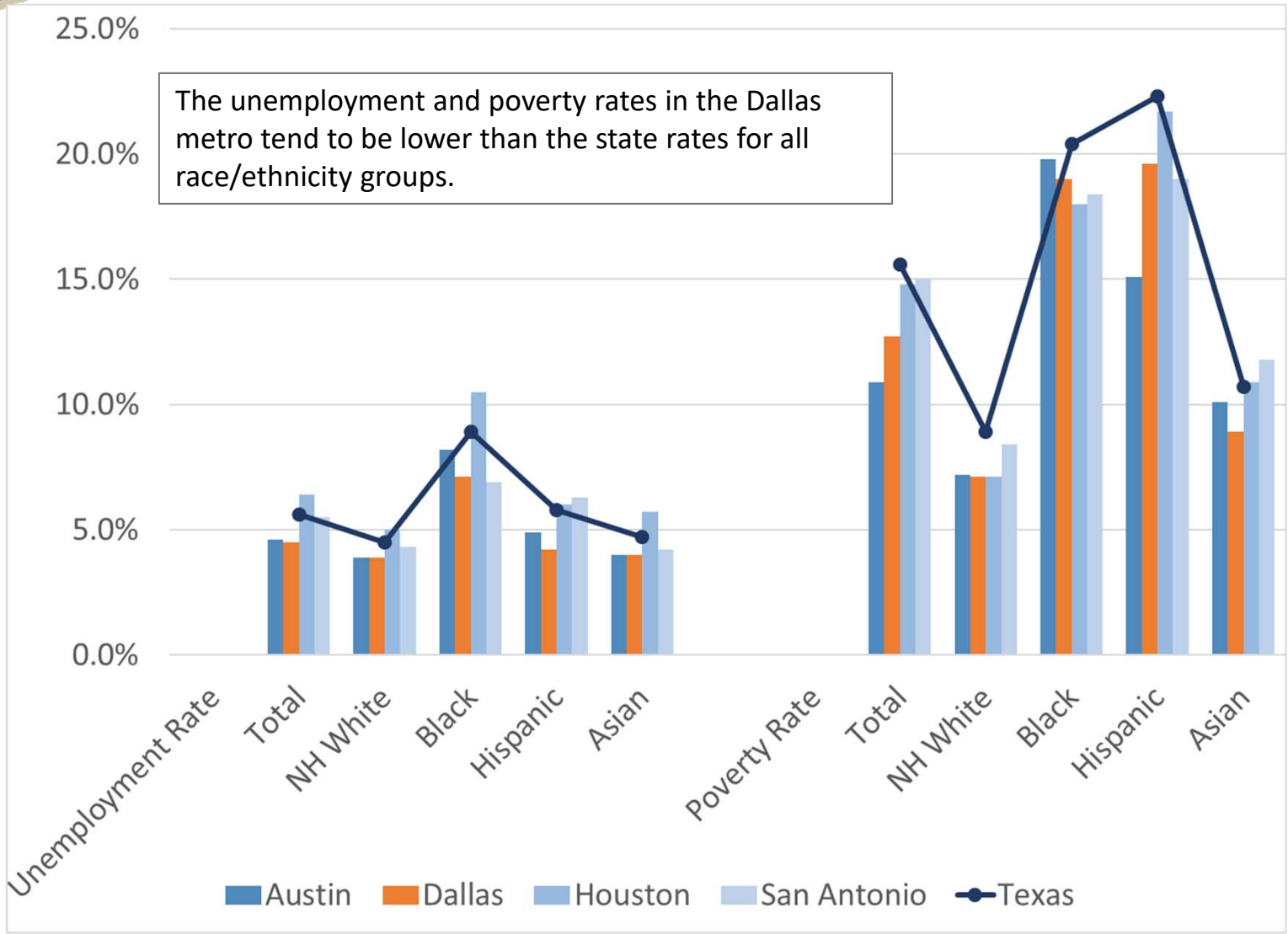
Educational Attainment by Race/Ethnicity, Texas and Big Four Metro Areas, 2016



Median Household Income by Race/Ethnicity, Texas and Big Four Metro Areas, 2016



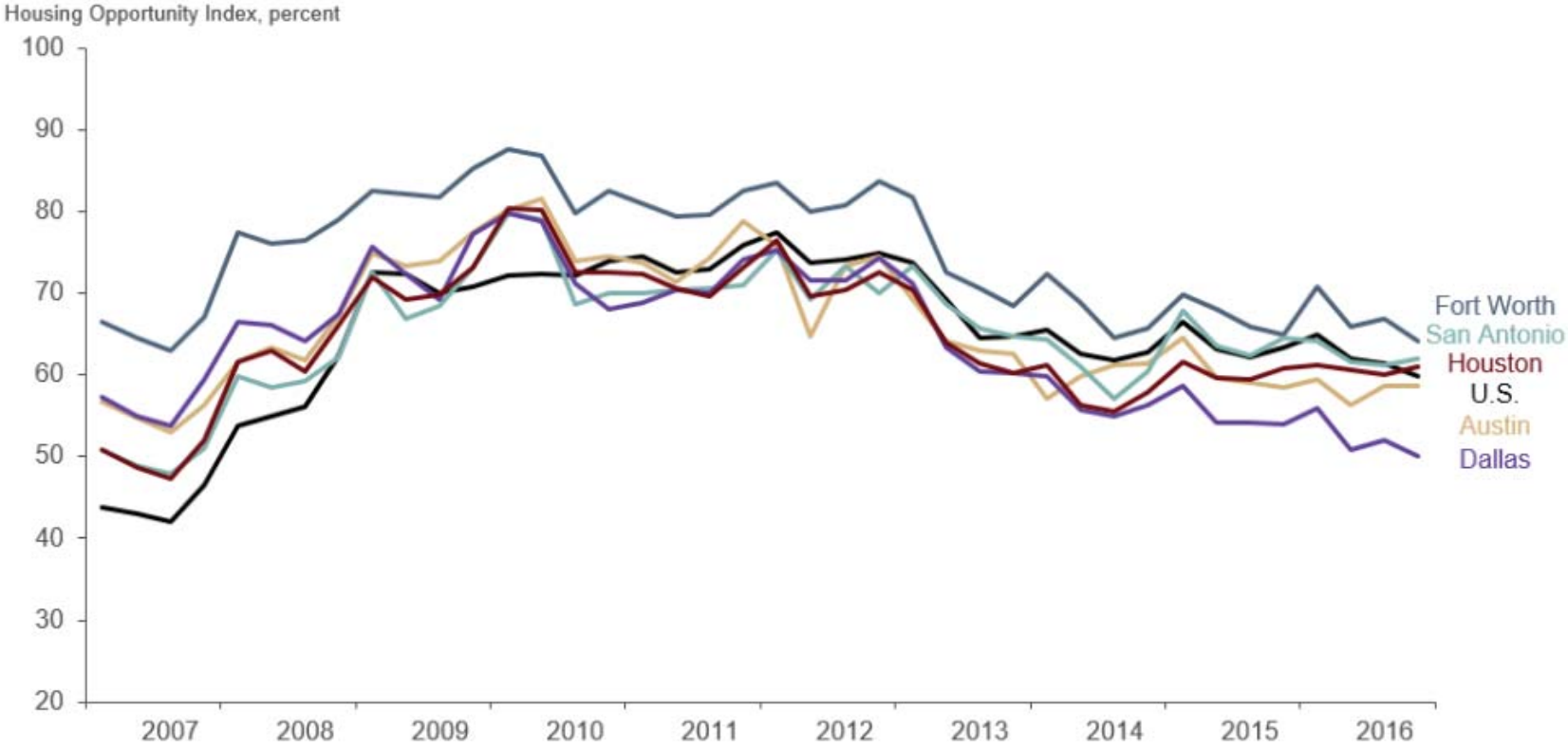
Unemployment and Poverty Rates by Race/Ethnicity, Texas and Big Four Metro Areas, 2016



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

Housing Affordability in Select Texas Metros, 2007-2016

Chart 5
Housing Affordability Trending Down, Particularly in Dallas

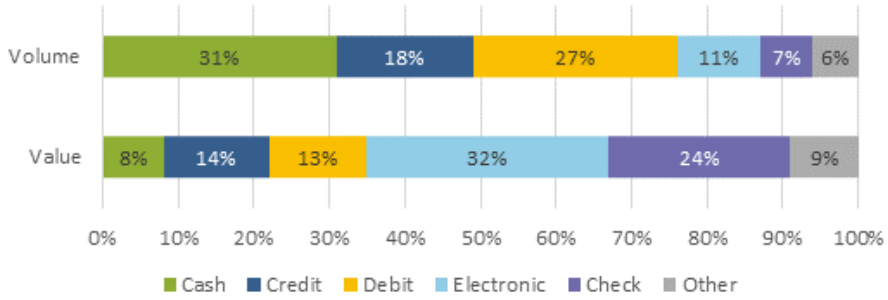


NOTES: Data are through fourth quarter 2016. The Housing Opportunity Index represents the share of homes sold in a given area that would have been affordable to a family earning the local median income.
SOURCE: National Association of Home Builders/Wells Fargo.

Consumer Cash Use and Payment Choice

Figure 2

2016 Volume and Value Percent, by Payment Instrument



Source: Federal Reserve Bank of San Francisco, https://www.frbsf.org/cash/publications/fed-notes/2017/november/understanding-consumer-cash-use-preliminary-findings-2016-diary-of-consumer-payment-choice/

Demographics by Payment Preference[8]

	Cash Preference	Credit Preference	Debit Preference
Race			
Asian	1.4%	5.3%	1.2%
Black	19.3%	4.4%	9.9%
Hispanic	22.7%	6.7%	19.4%
Other Race	13.4%	4.7%	9.5%
White	65.8%	85.4%	79.2%

[8] Weighted Values

Source: Federal Reserve System FedNotes Publication: "Consumer Preferences and the Use of Cash: Evidence from the Diary of Consumer Payments Choice - Working Paper," June 2014

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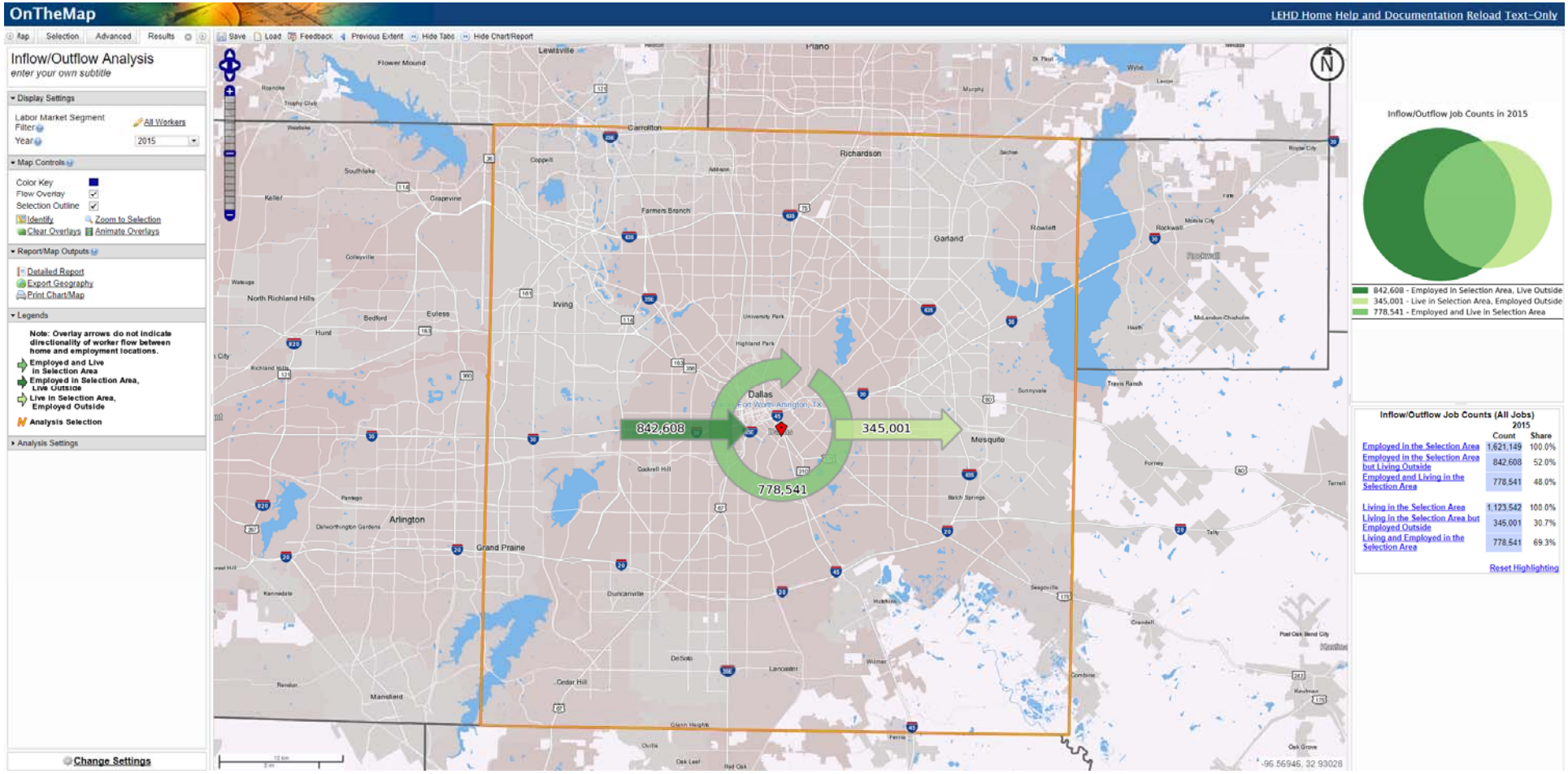
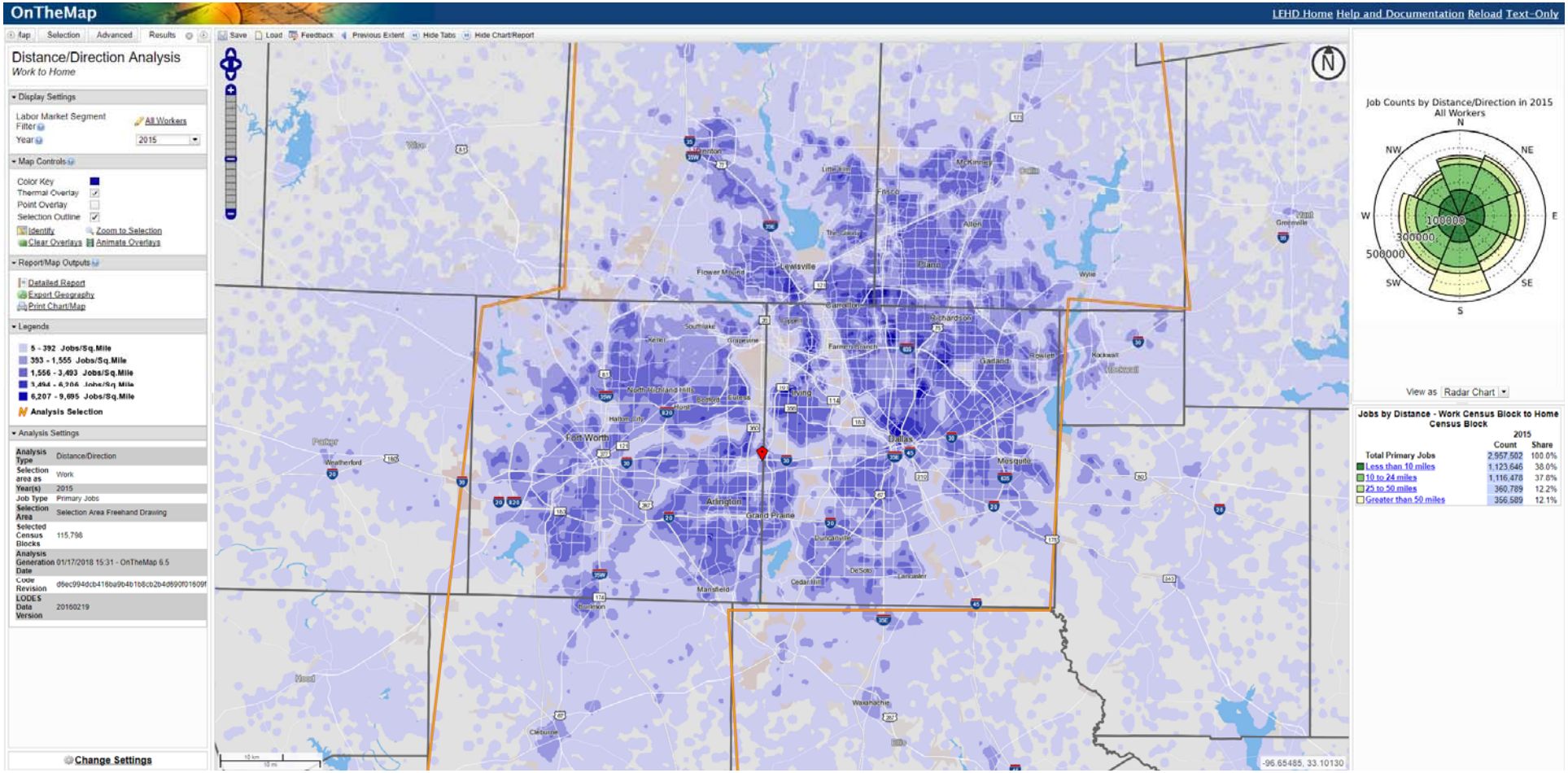
Job Growth, U.S. and Texas, 2008 to 2017



Economic Indicators, Texas and U.S., 2016



Source: U.S. Census Bureau, 2016 American Community Survey 1-Year Estimates