Texas Demographic and Socioeconomic Characteristics and Trends

Gulf Coast Power Association

Austin, Texas

October 3, 2016

TEXAS DEMOGRAPHIC CENTER

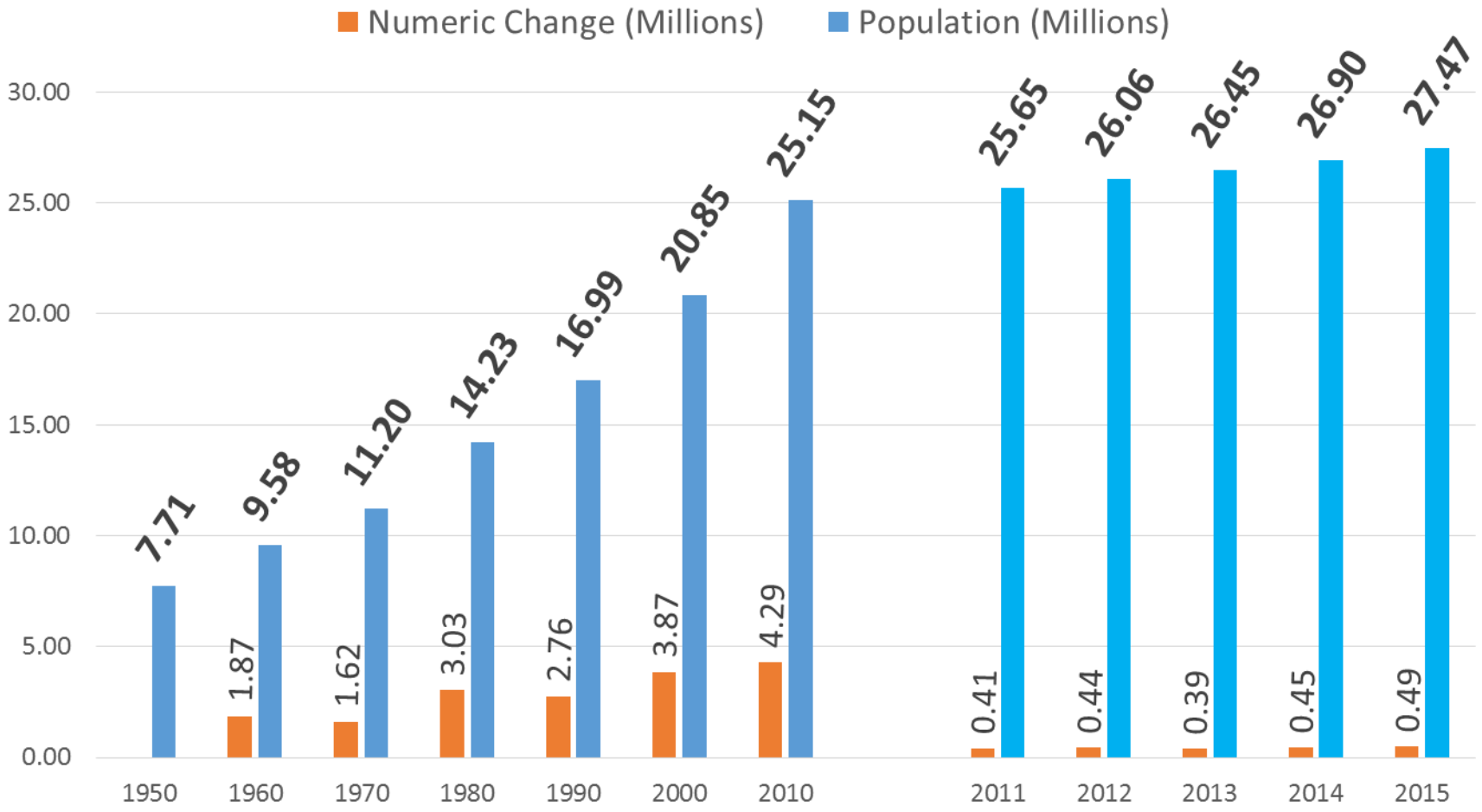
@TexasDemography

Growing States, 2000-2015

	2000 Population	2010 Population	2015 Population	Numeric Change 2010-2015	Percent Change 2000-2010
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.

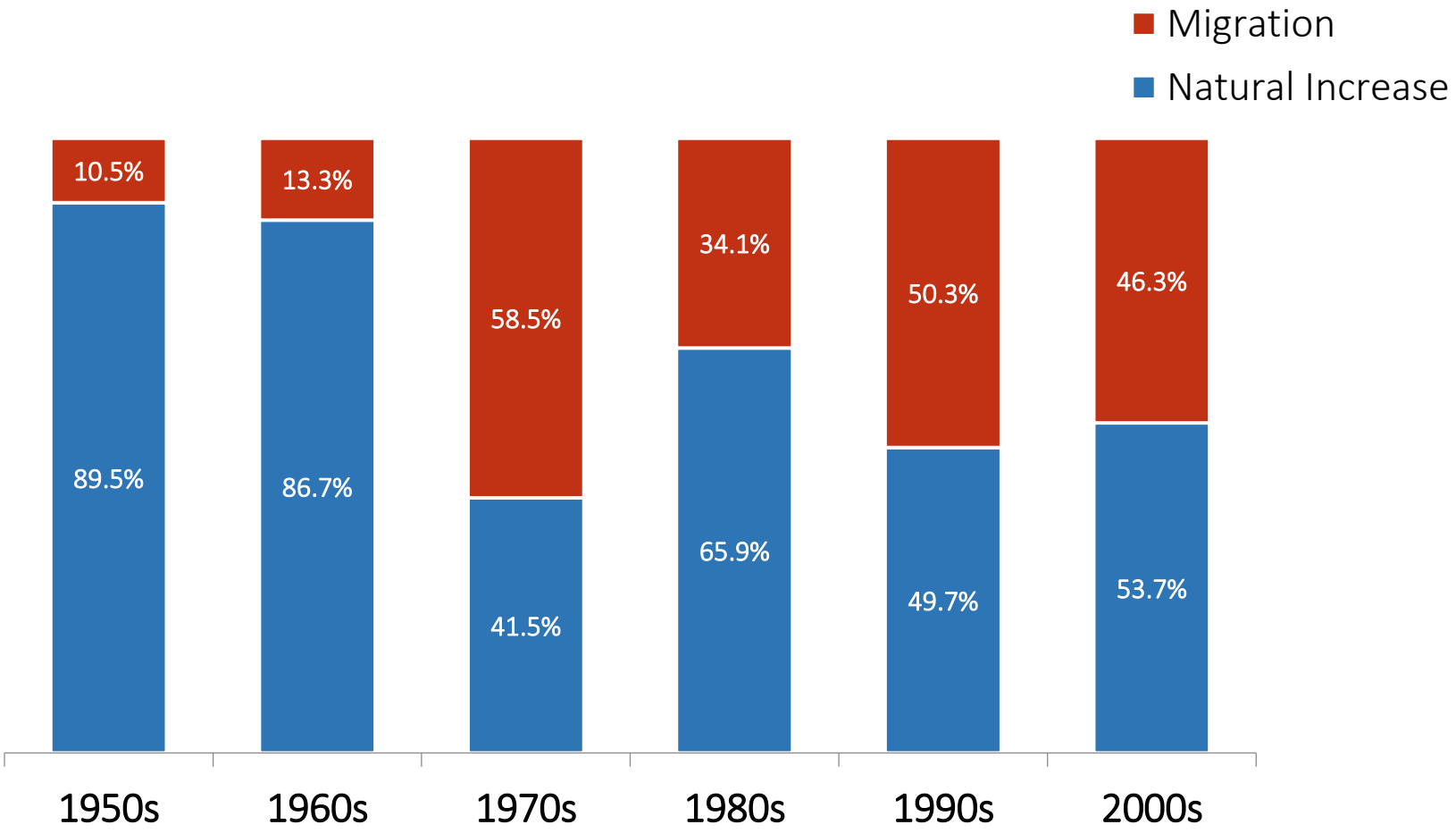
Total Population and Population Change in Texas, 1950-2014



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.

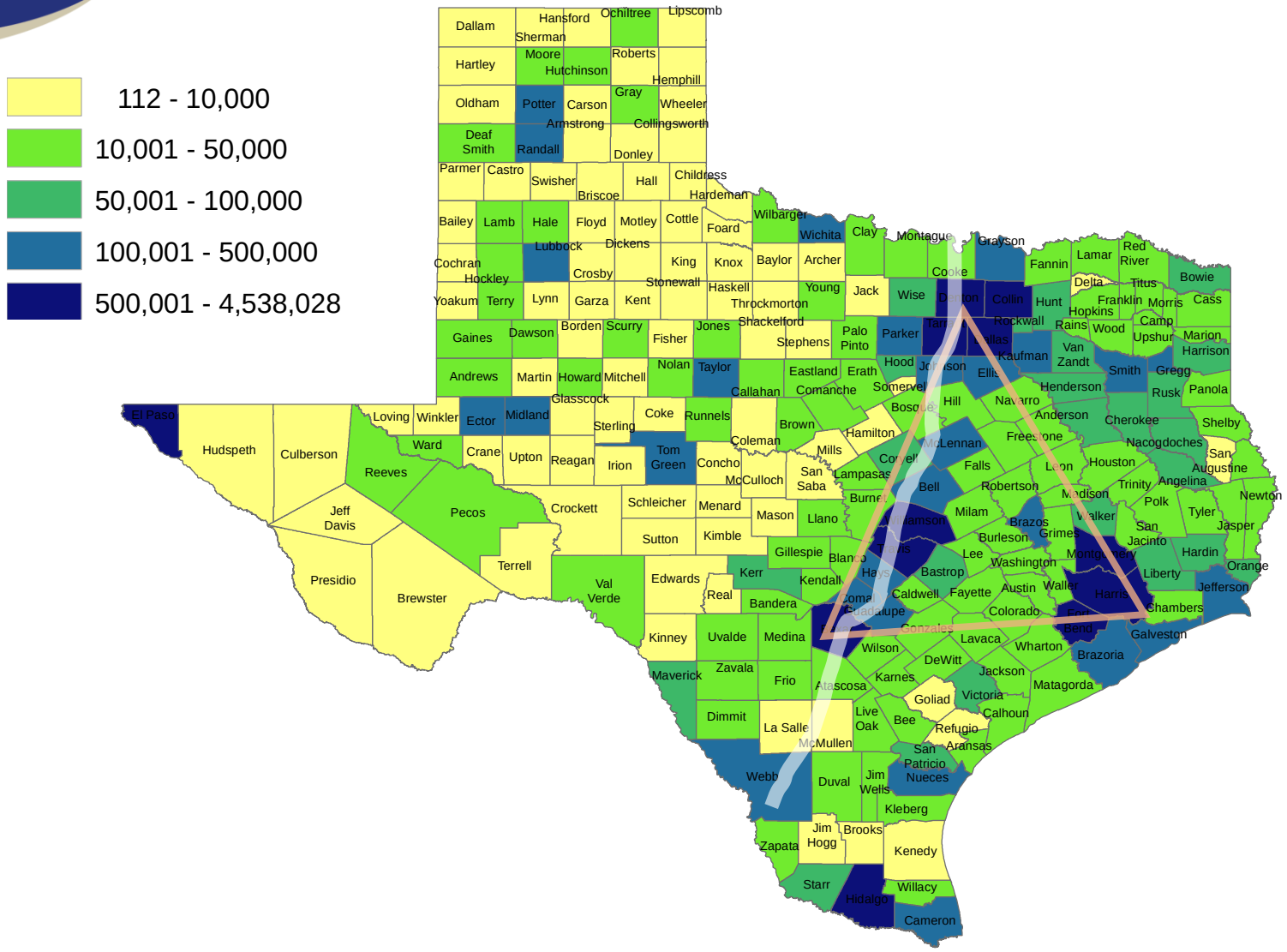
Source: U.S. Census Bureau, Census Counts and Population Estimates

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



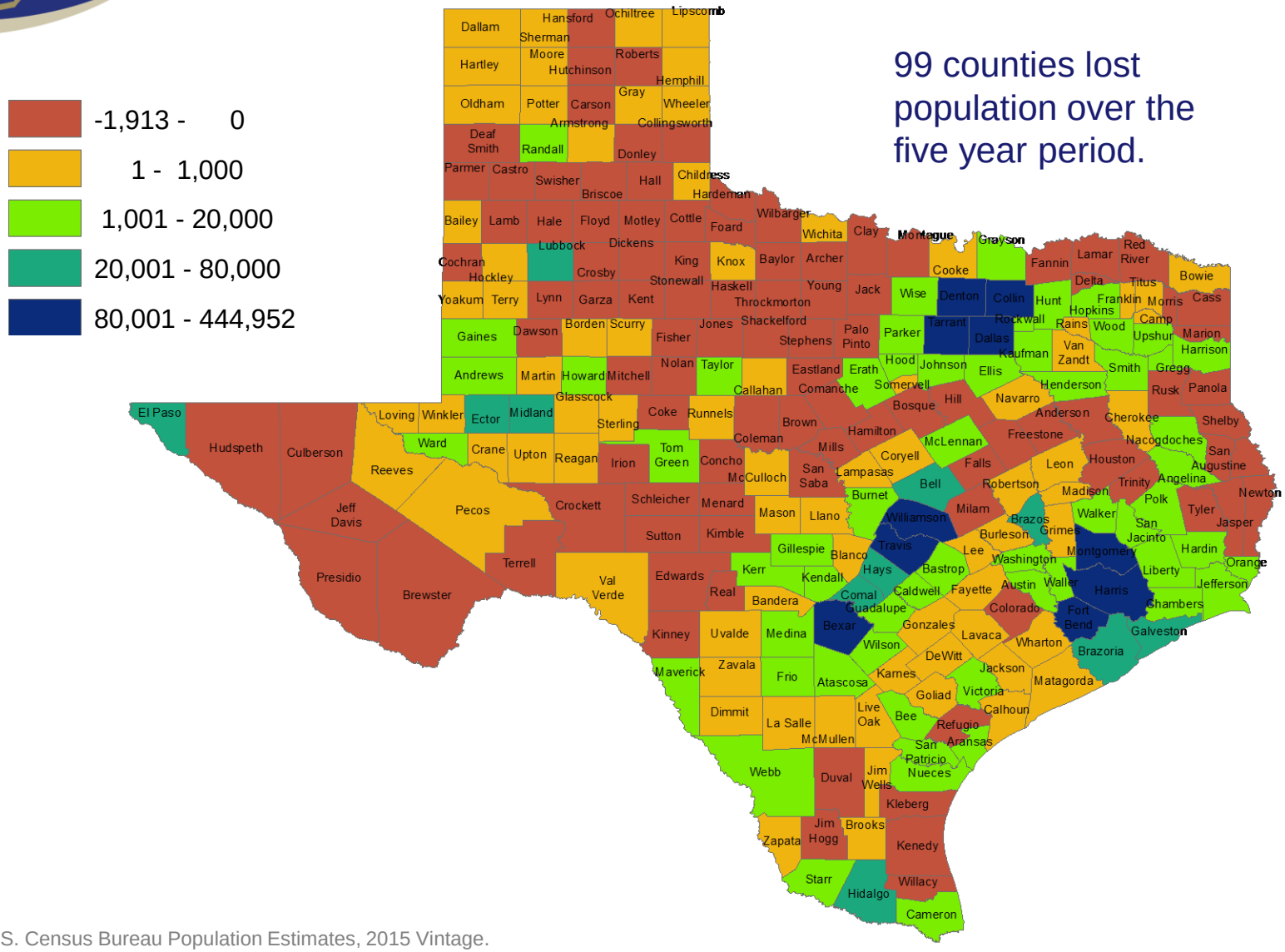
Source: U.S. Census Bureau, Population Estimates

Total Estimated Population by County, Texas, 2015



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

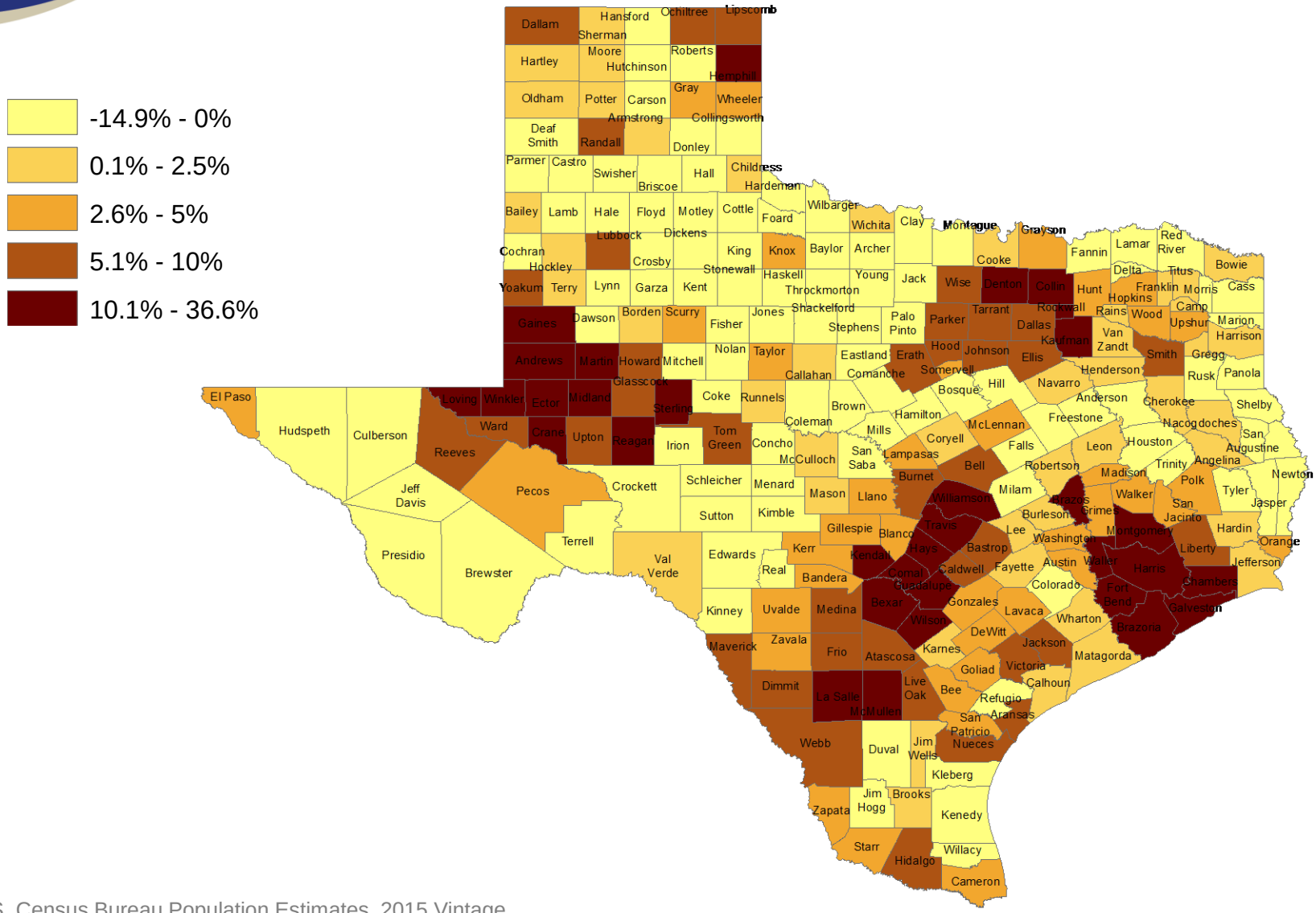
Estimated Population Change, Texas Counties, 2010 to 2015



99 counties lost population over the five year period.

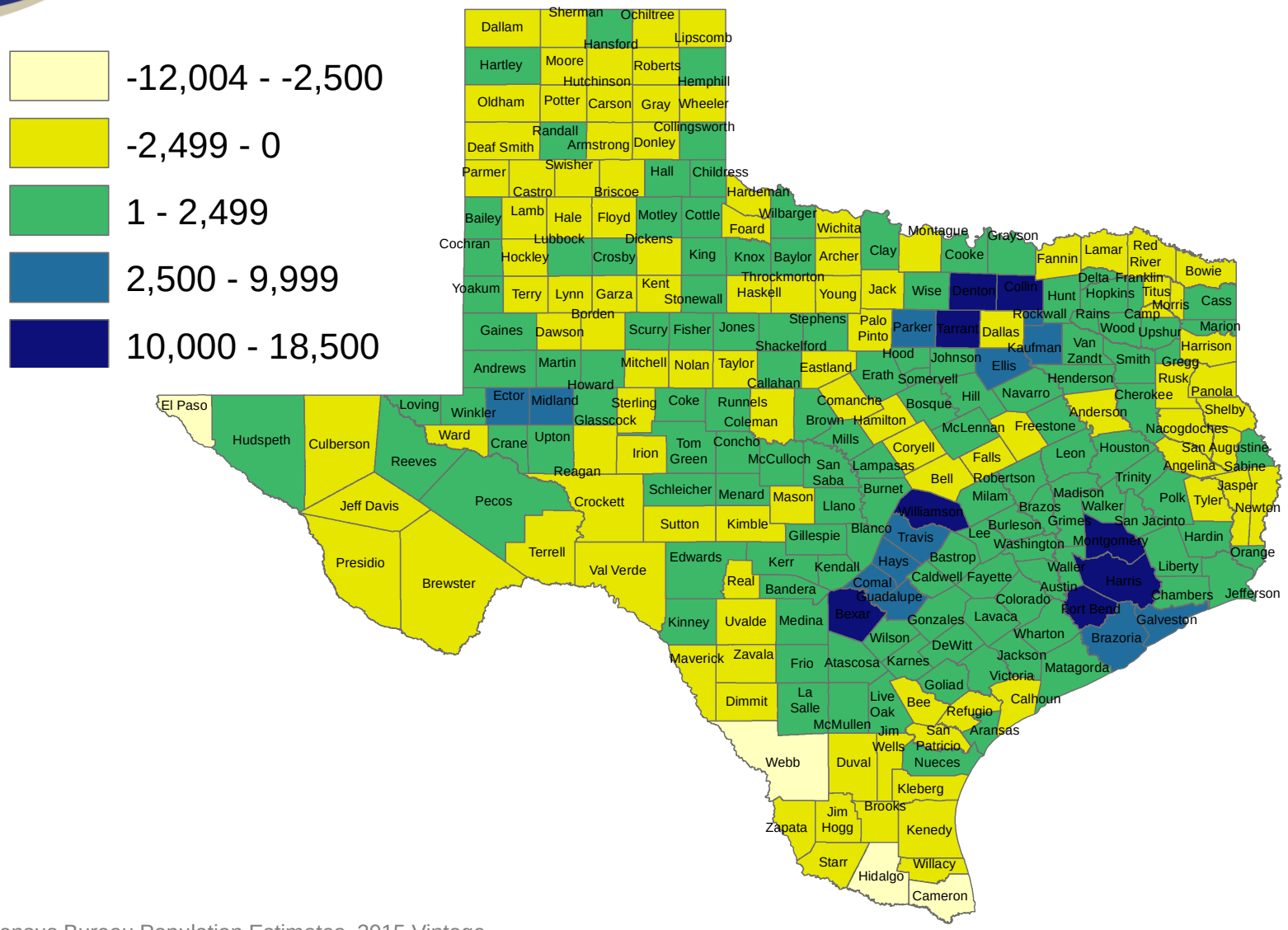
Source: U.S. Census Bureau Population Estimates, 2015 Vintage.

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



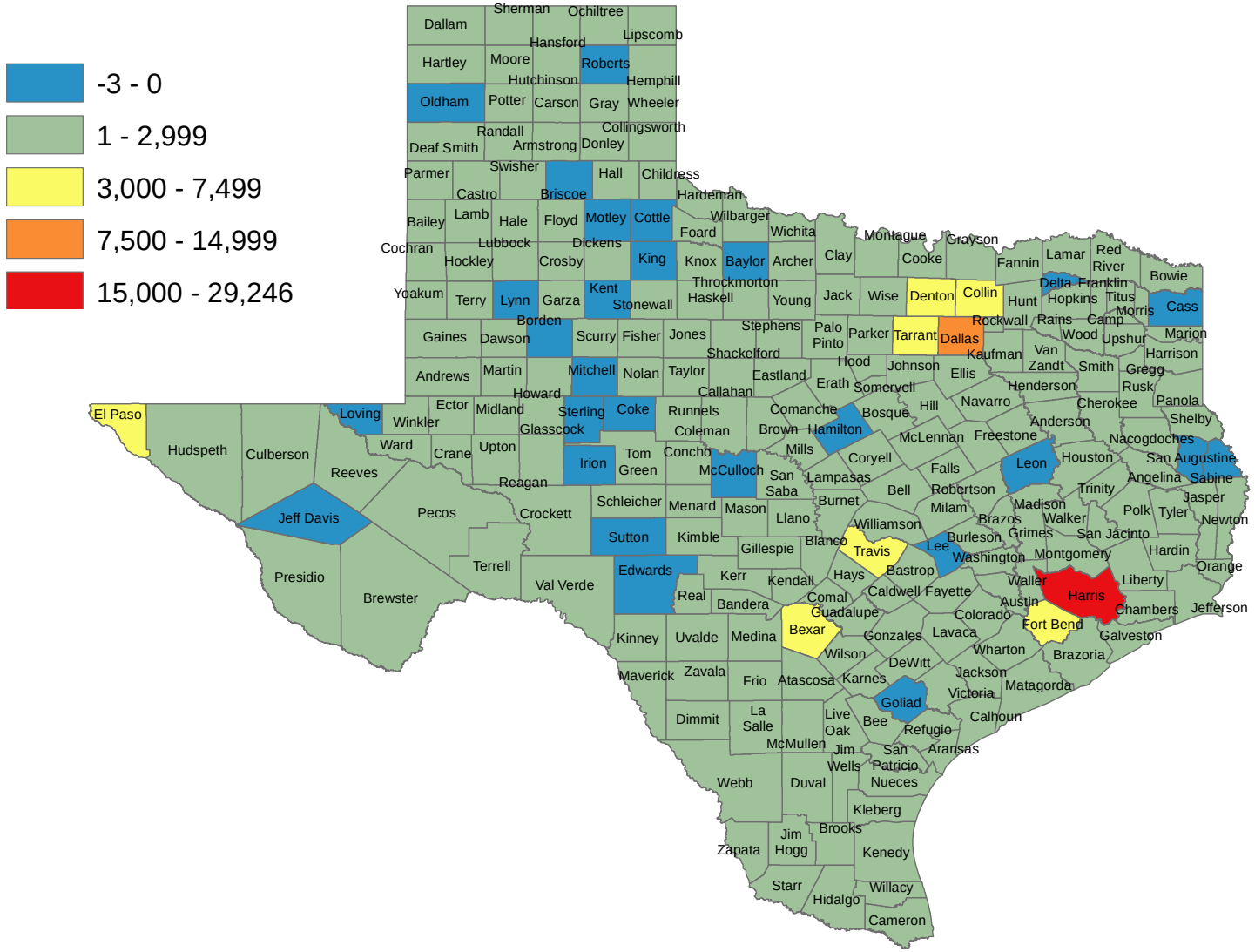
Source: U.S. Census Bureau Population Estimates, 2015 Vintage.

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



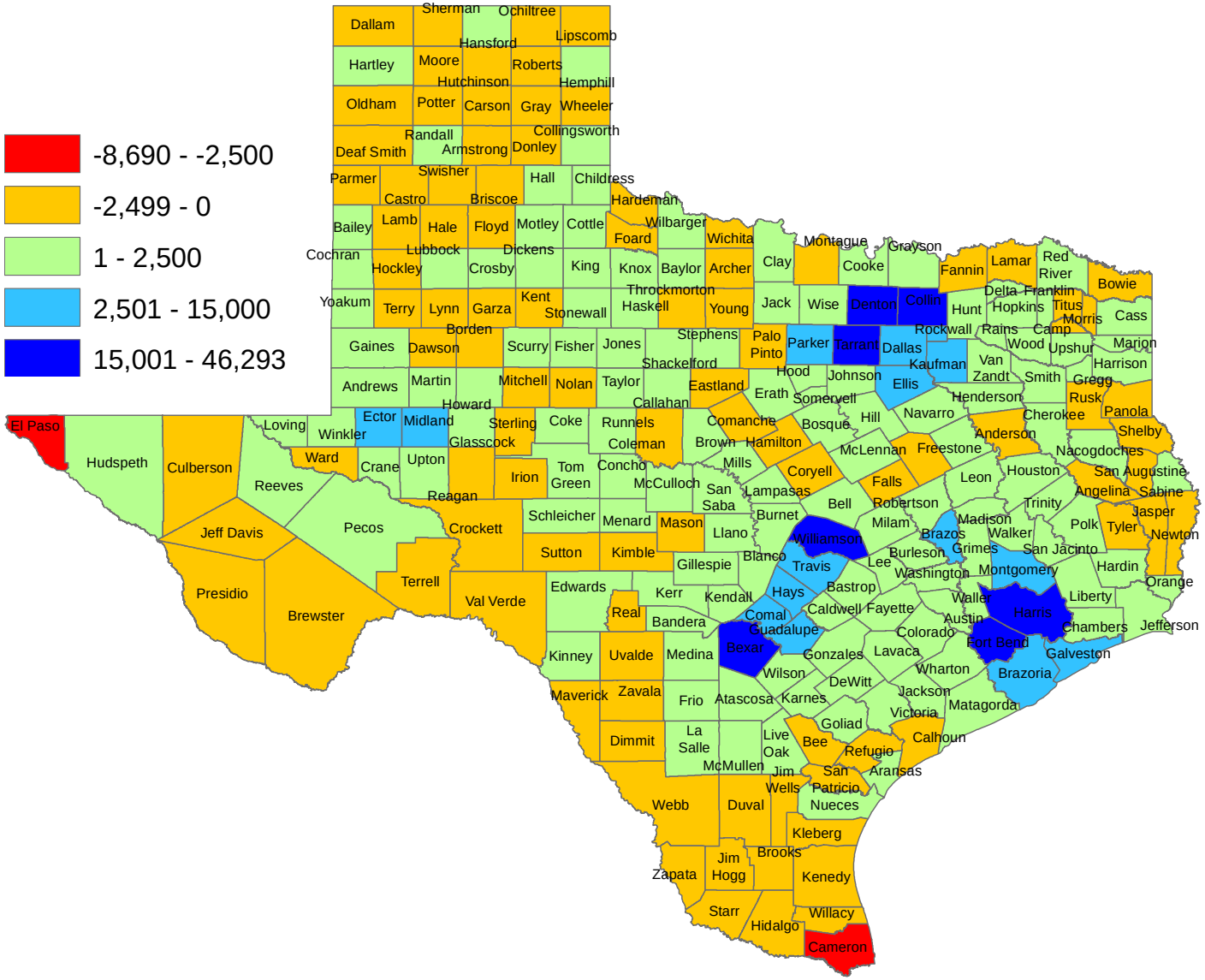
Source: U.S. Census Bureau Population Estimates, 2015 Vintage.

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

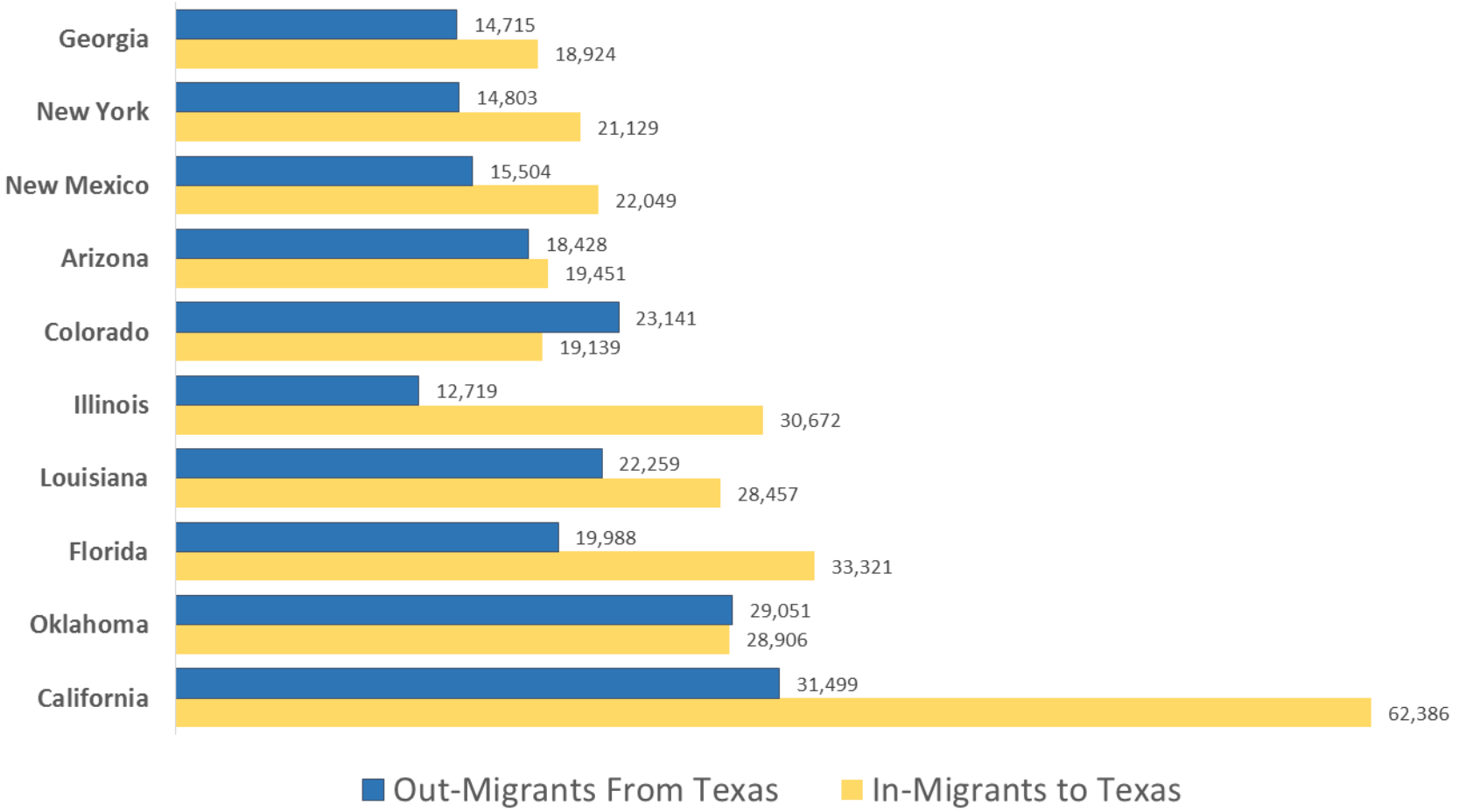
Top Counties for Percent Growth* in Texas, 2014-2015

County	U.S. Rank	2014-2015 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

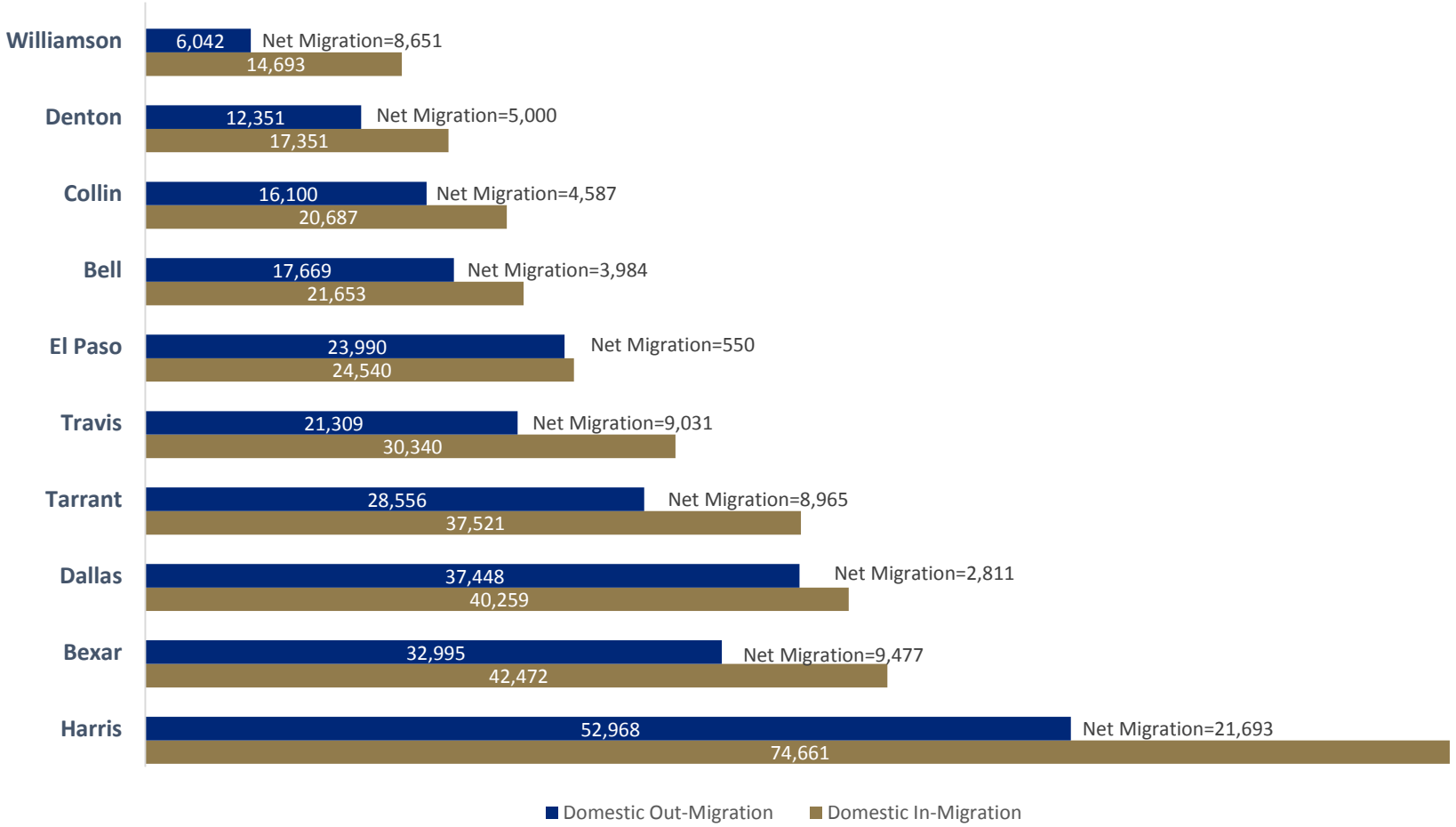
Source: U.S. Census Bureau, 2015 Vintage Population Estimates

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



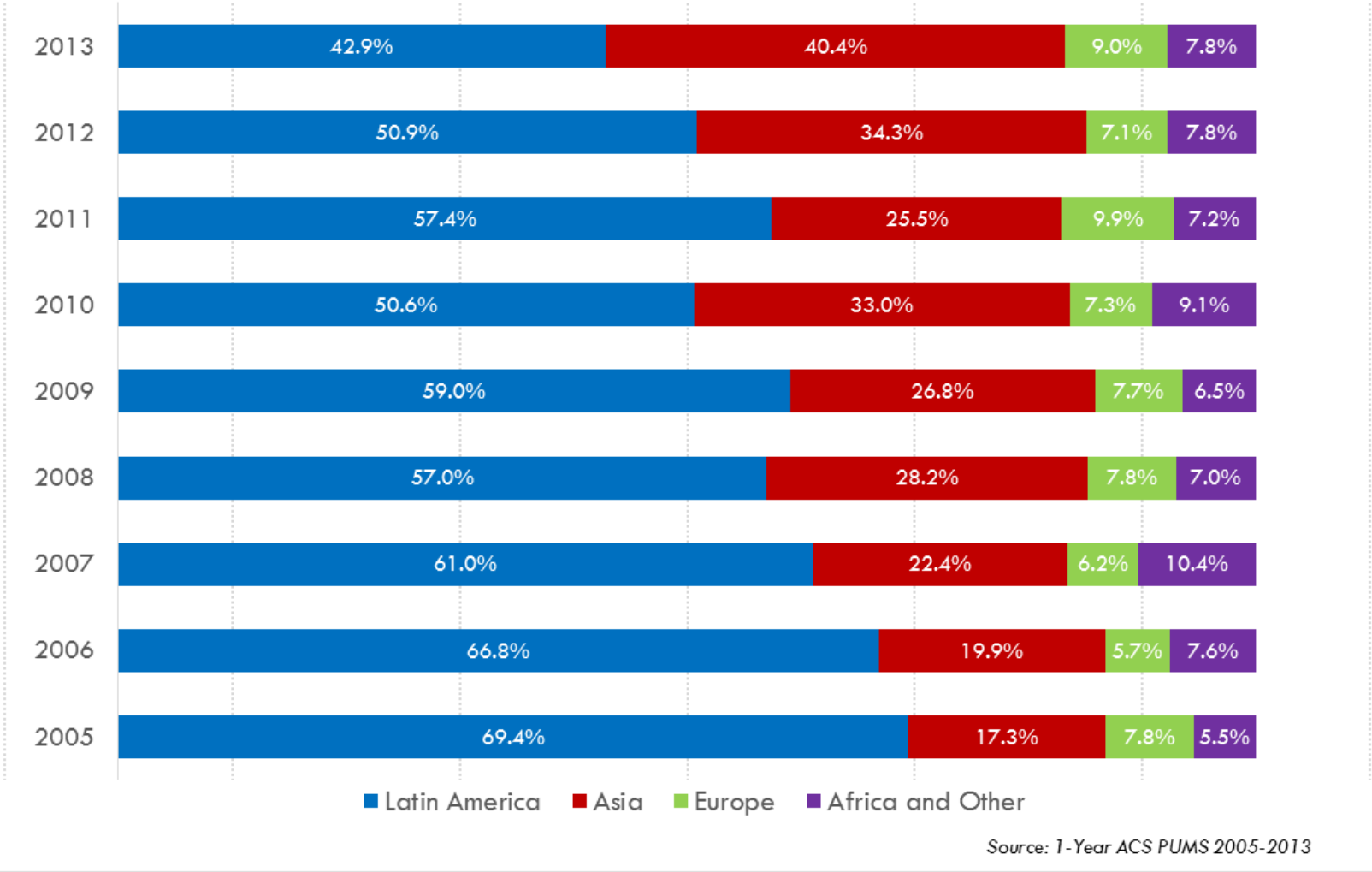
U.S. Census Bureau ACS 1-Year PUMS,2013

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



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

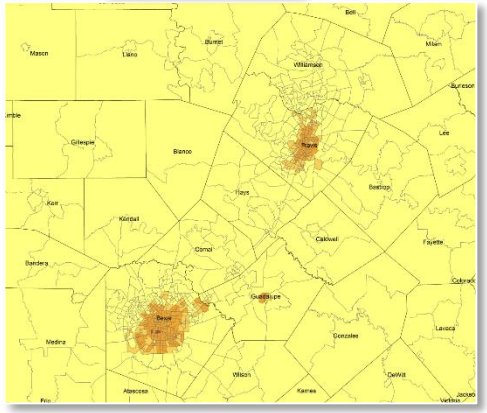
Annual Shares of Recent Non-Citizen Immigrants to Texas by World Area of Birth, 2005-2013



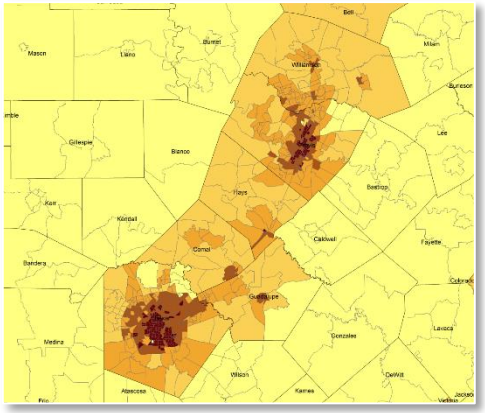
Source: 1-Year ACS PUMS 2005-2013

Density by Census Tract, Austin/San Antonio Corridor, 1970-2010

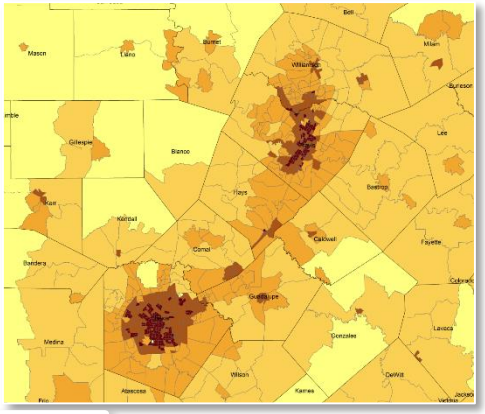
1970



1980



1990



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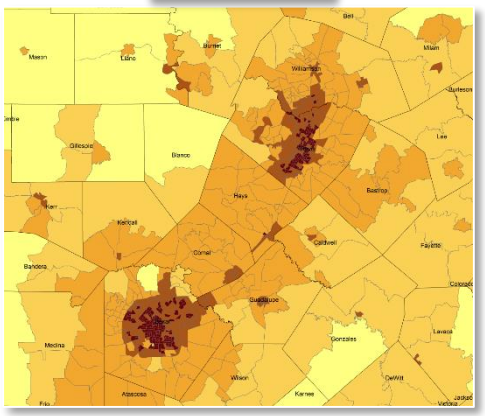
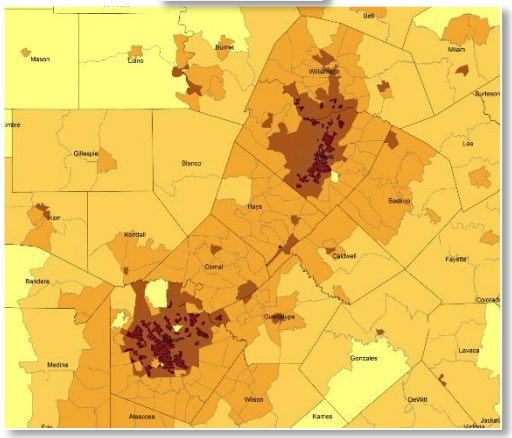


2010



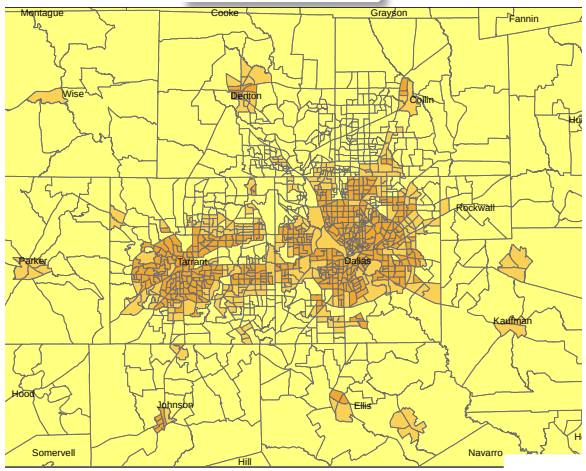
Persons per Square Mile

- 0 – 10
- 11 – 50
- 51 – 500
- 501 – 4,000
- 4,001 – 56,000

Source: U.S. Census Bureau, decennial censuses. Geolytics, Neighborhood Change Database Tract Data from 1970-2010

Density by Census Tract, Metroplex Area, 1970-2010

1970



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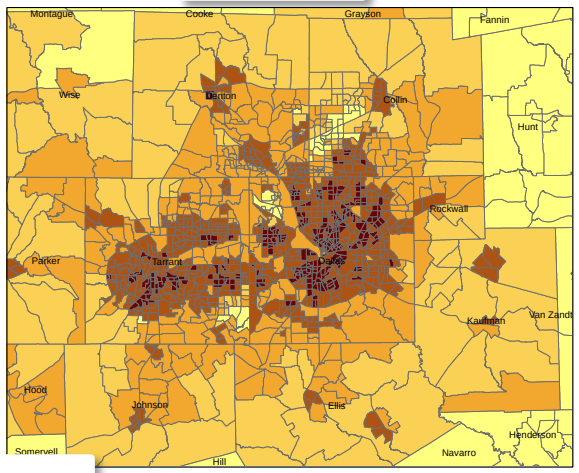
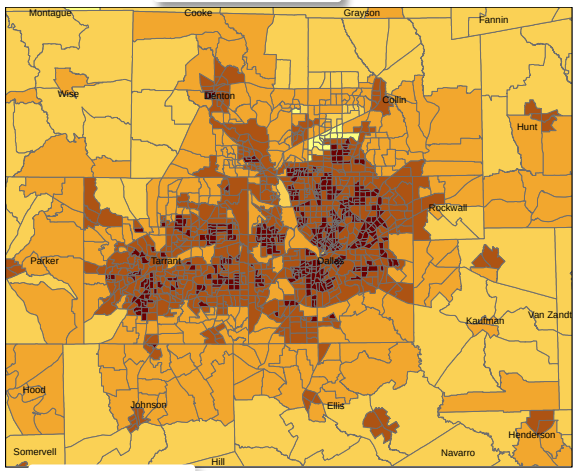
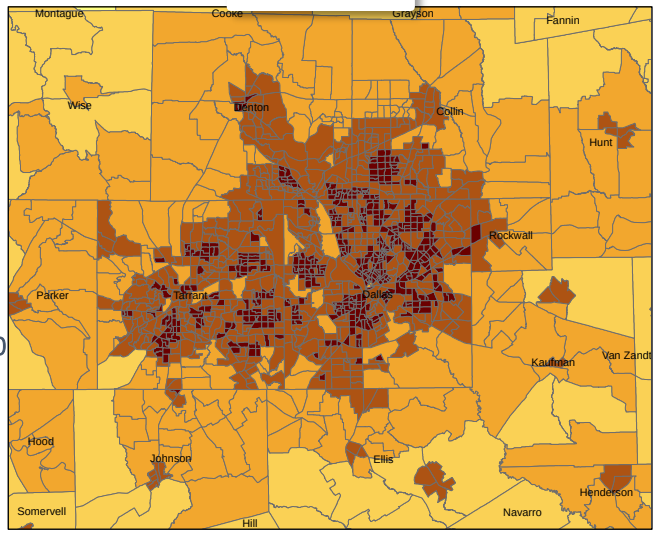


1990



2000



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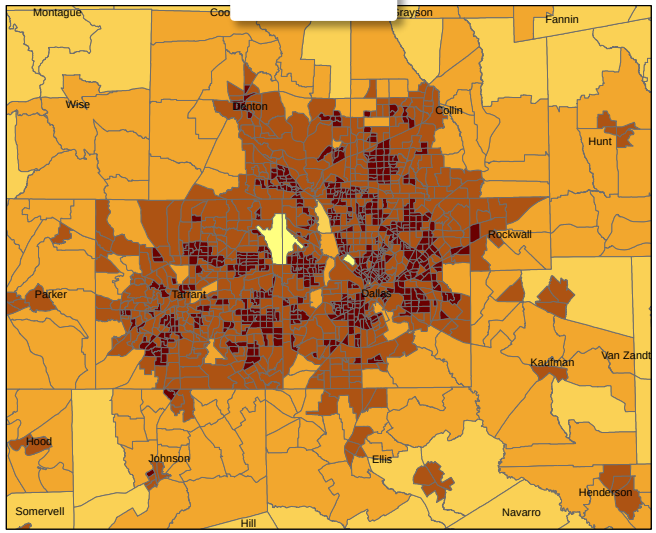

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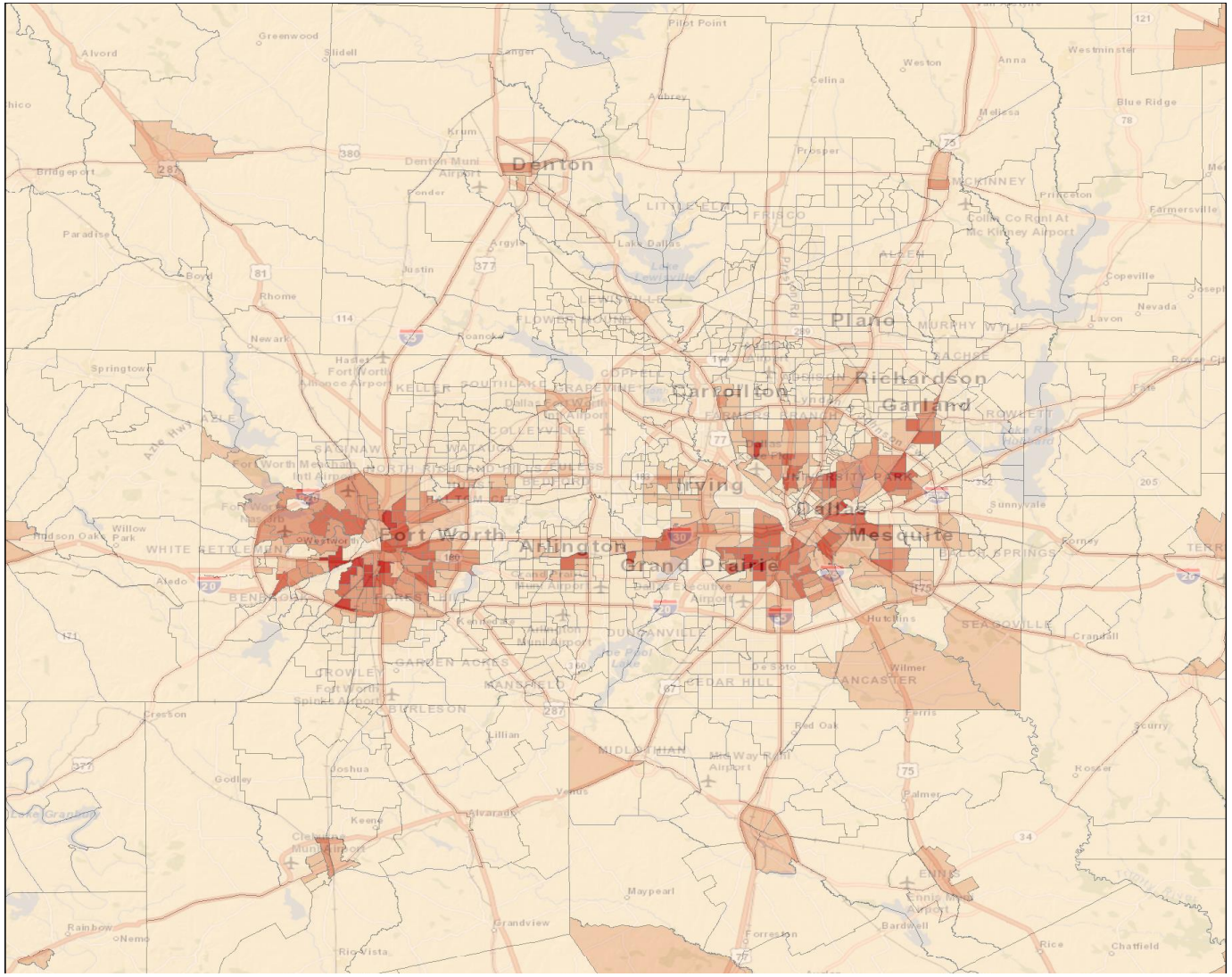
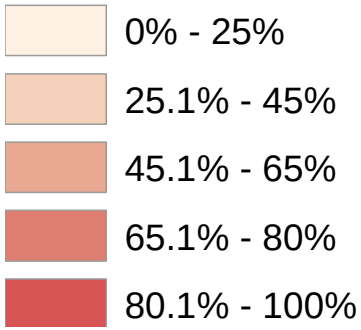
Source: U.S. Census Bureau, decennial censuses. Geolytics, Neighborhood Change Database Tract Data from 1970-2010

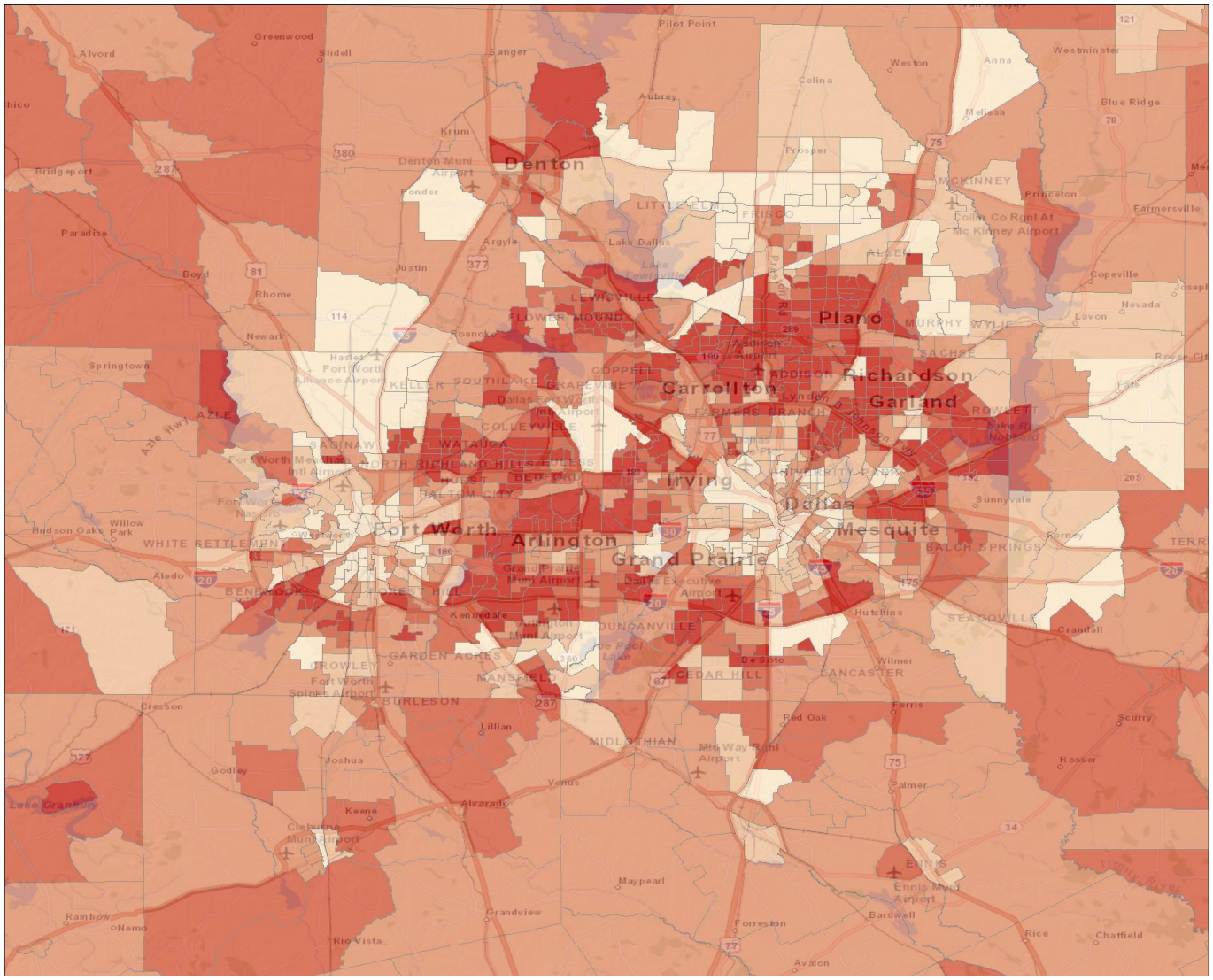
Percent of Housing Units Built Before 1960, Census Tracts, Metroplex Area, Texas, 2009-2013



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

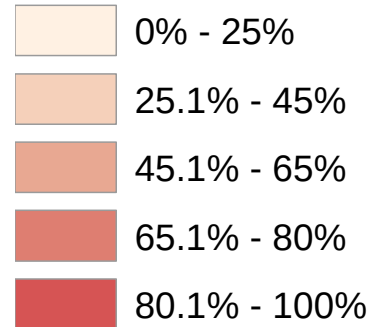
Percent of Housing Units Built Between 1960 and 1999, Census Tracts, Metroplex Area, Texas, 2009-2013

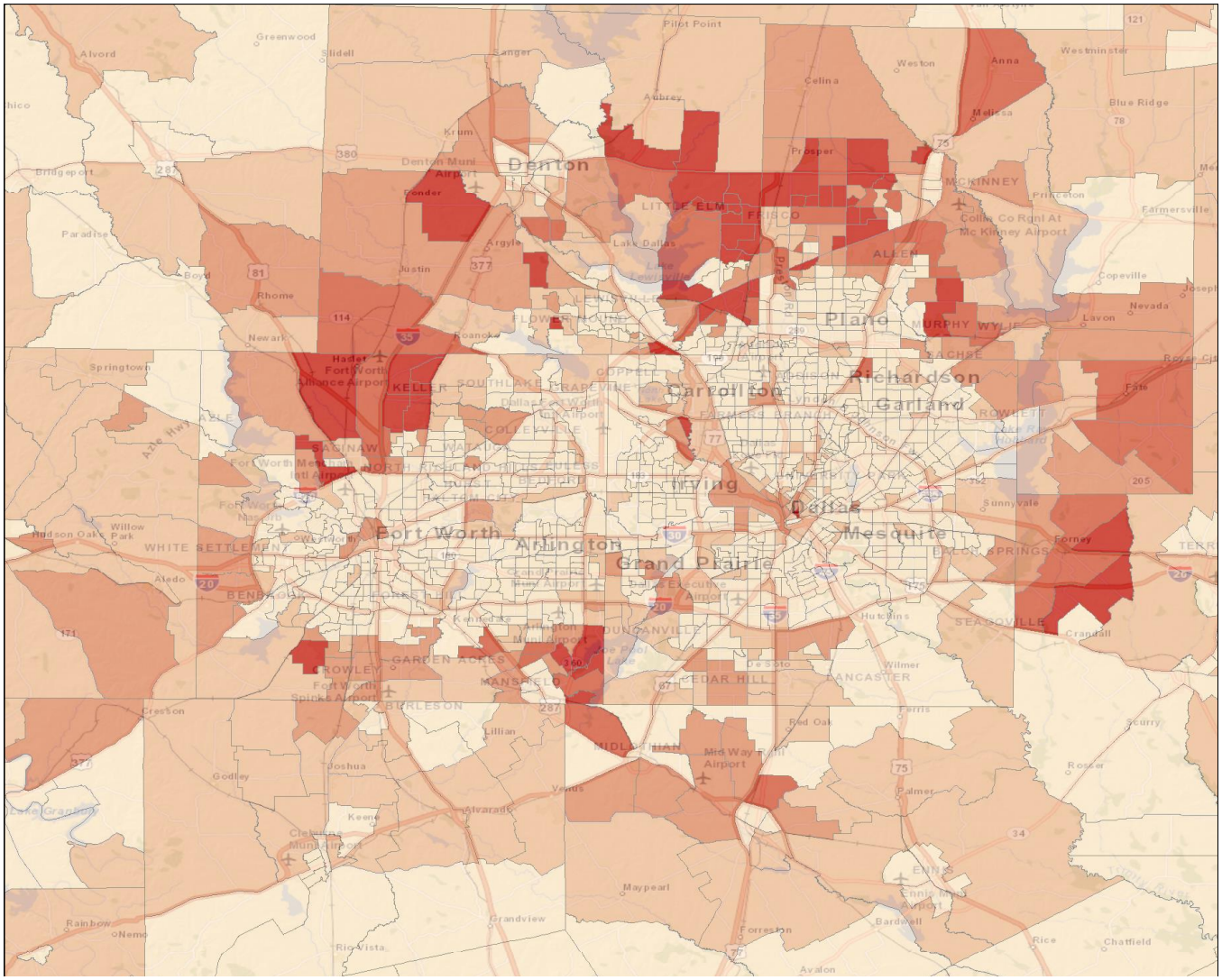




Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

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





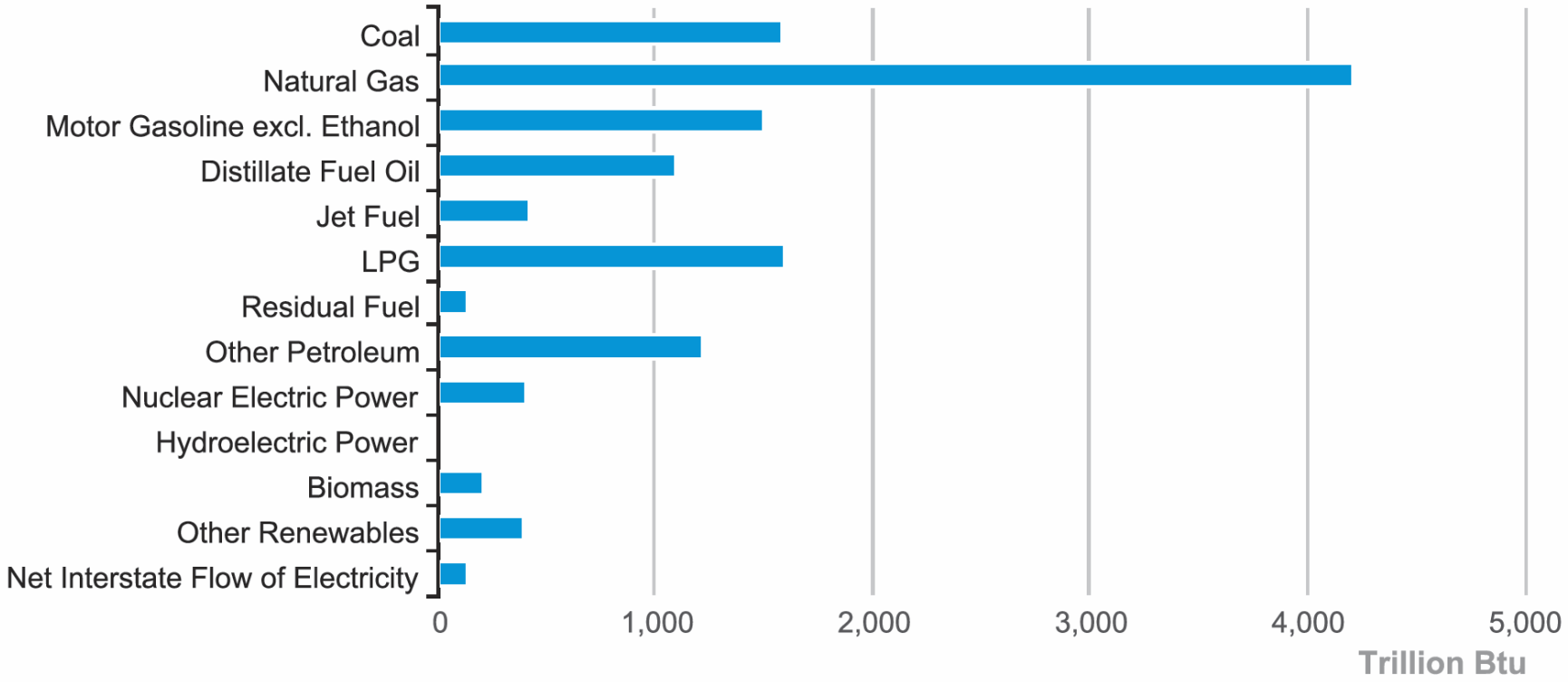
Source: U.S. Census Bureau, American Community Survey, 2009-2013 5-Year Sample

The Four Consumption Tiers in Median SKBTUs per Square Foot for the 100 Vintage by Size Categories

Size/Vintage	Before 1948	1948-1957	1958-1966	1967-1974	1975-1981	1982-1986	1987-1995	1996-2000	2001-2004	After 2004
<10 Percentile	191.68	185.56	177.68	170.51	156.53	156.58	142.21	148.85	134.09	115.26
10-19 Percentiles	170.67	169.32	160.81	155.48	139.24	142.47	117.65	118.31	115.79	102.03
20-29 Percentiles	160.74	157.15	150.26	142.94	127.10	135.38	110.98	113.22	106.20	95.97
30-39 Percentiles	153.59	155.90	140.53	136.66	120.10	128.43	105.62	104.82	102.42	90.48
40-49 Percentiles	149.28	145.54	132.76	129.54	115.77	122.77	99.58	101.23	98.48	87.13
50-59 Percentiles	144.72	141.56	125.19	123.52	112.26	119.99	98.13	97.90	94.52	86.13
60-69 Percentiles	138.78	135.22	117.91	113.27	109.05	114.15	95.64	94.90	93.51	83.08
70-79 Percentiles	132.28	127.08	110.96	109.69	106.47	108.43	95.45	93.98	89.43	81.12
80-89 Percentiles	123.04	120.29	104.52	105.12	103.77	105.43	93.42	90.69	87.69	78.08
90+ Percentile	113.84	113.16	102.10	101.83	103.83	103.64	93.15	97.07	91.91	78.15

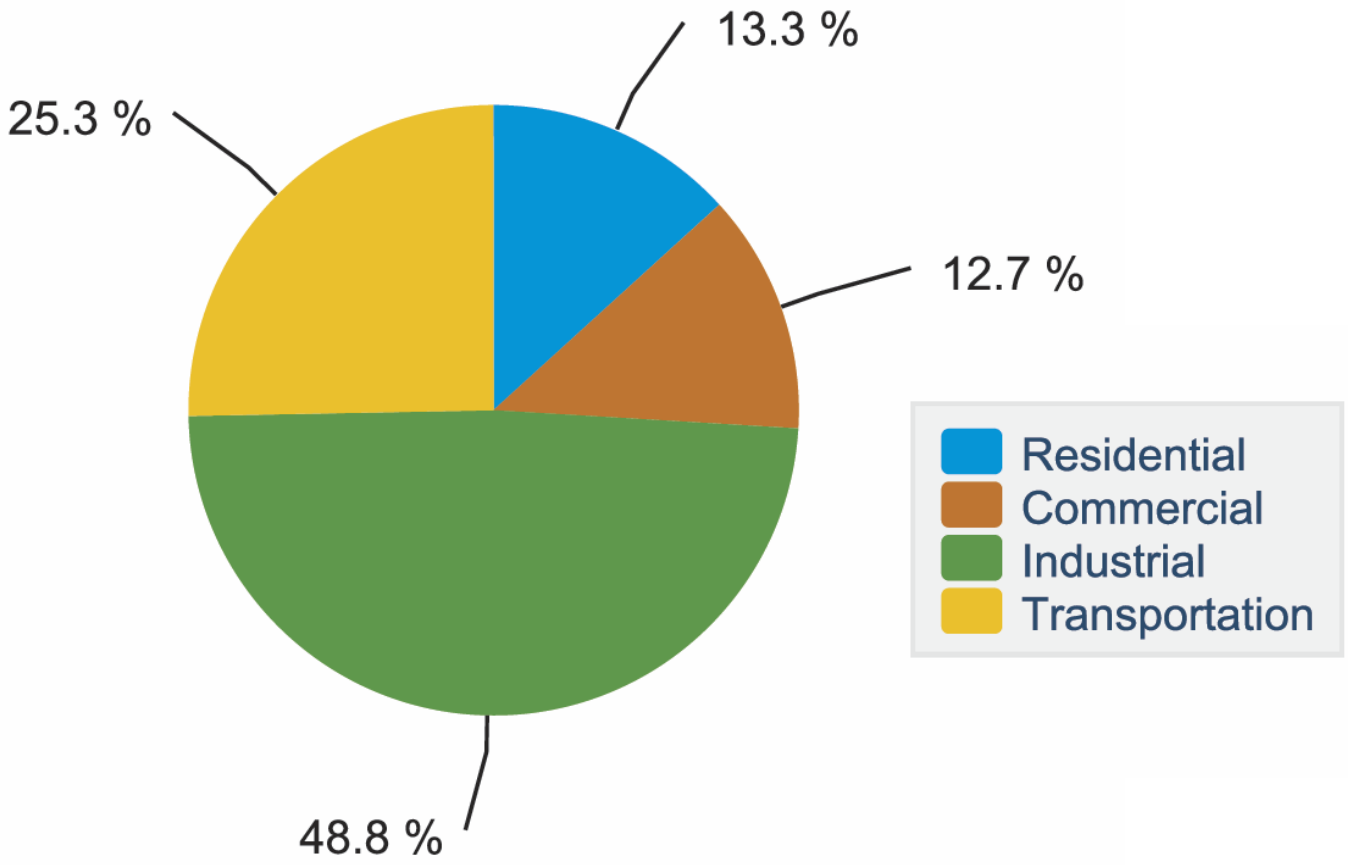
TIER 1
TIER 2
TIER 3
TIER 4

Texas Energy Consumption Estimates, 2013



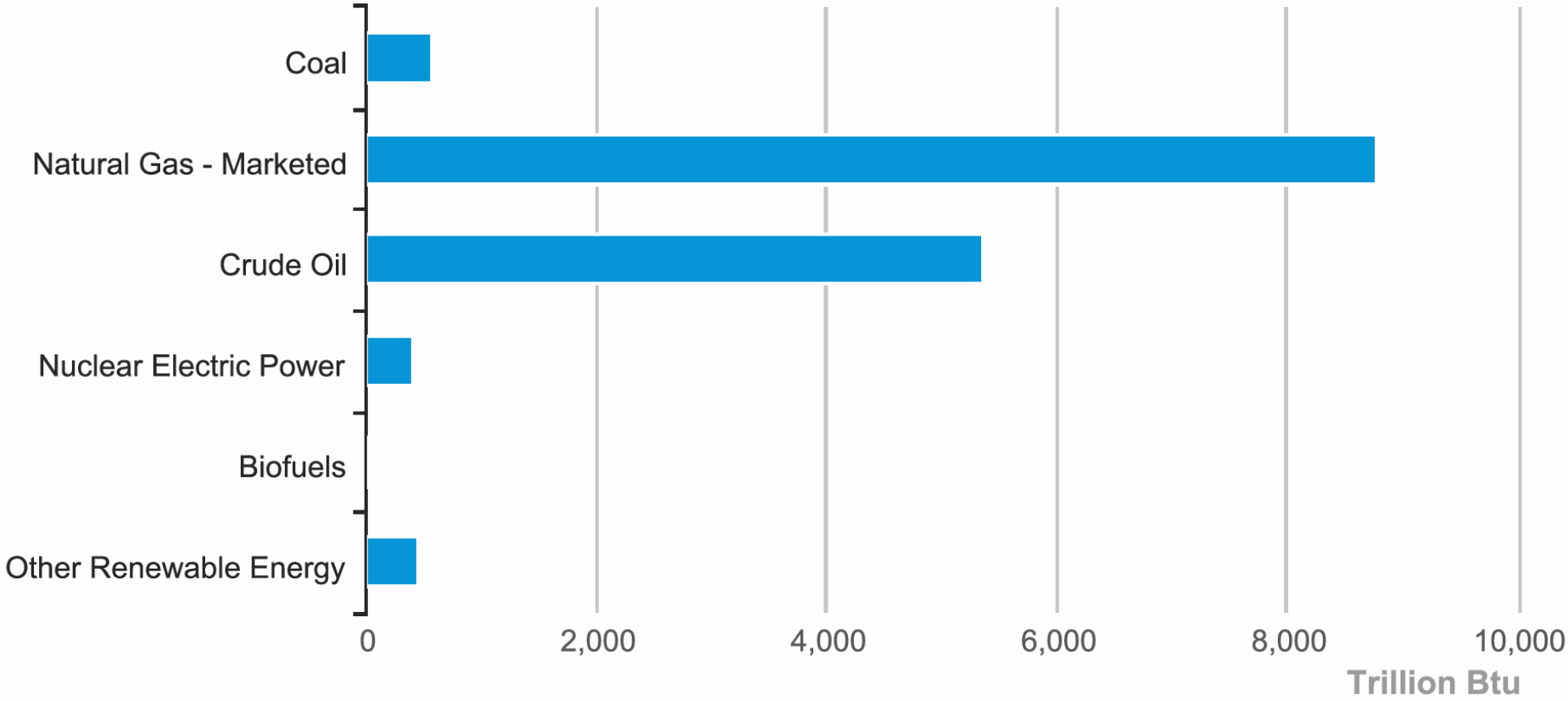
Source: Energy Information Administration, State Energy Data System

Texas Energy Consumption by End-Use Sector, 2014



Source: Energy Information Administration, State Energy Data System

Texas Energy Production Estimates, 2013



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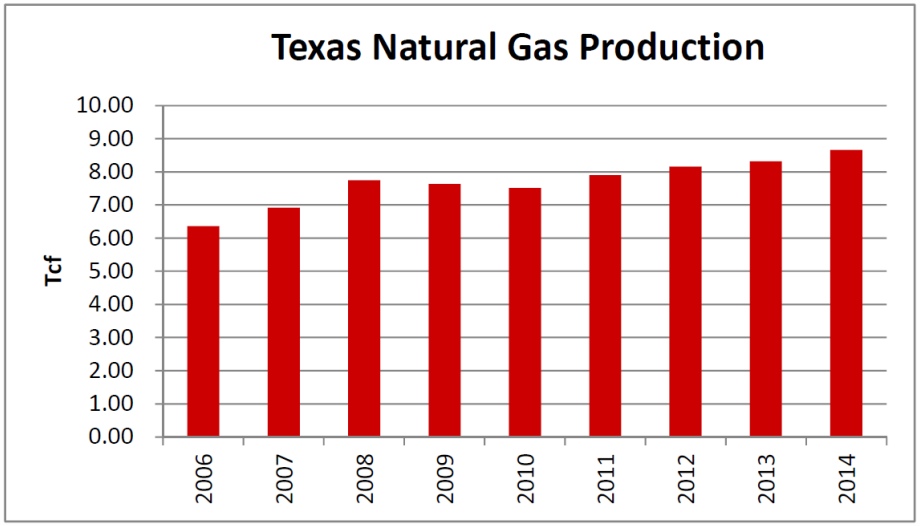
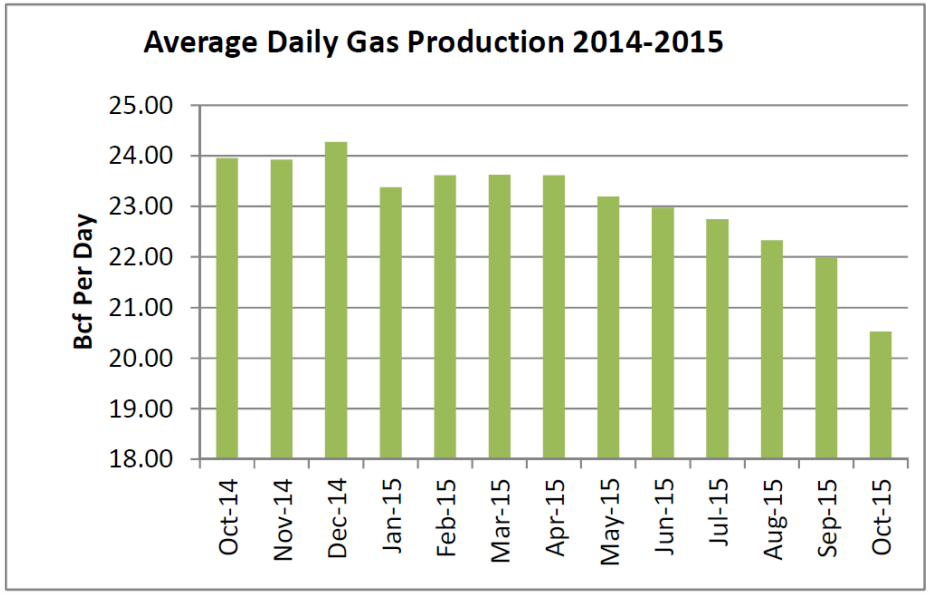
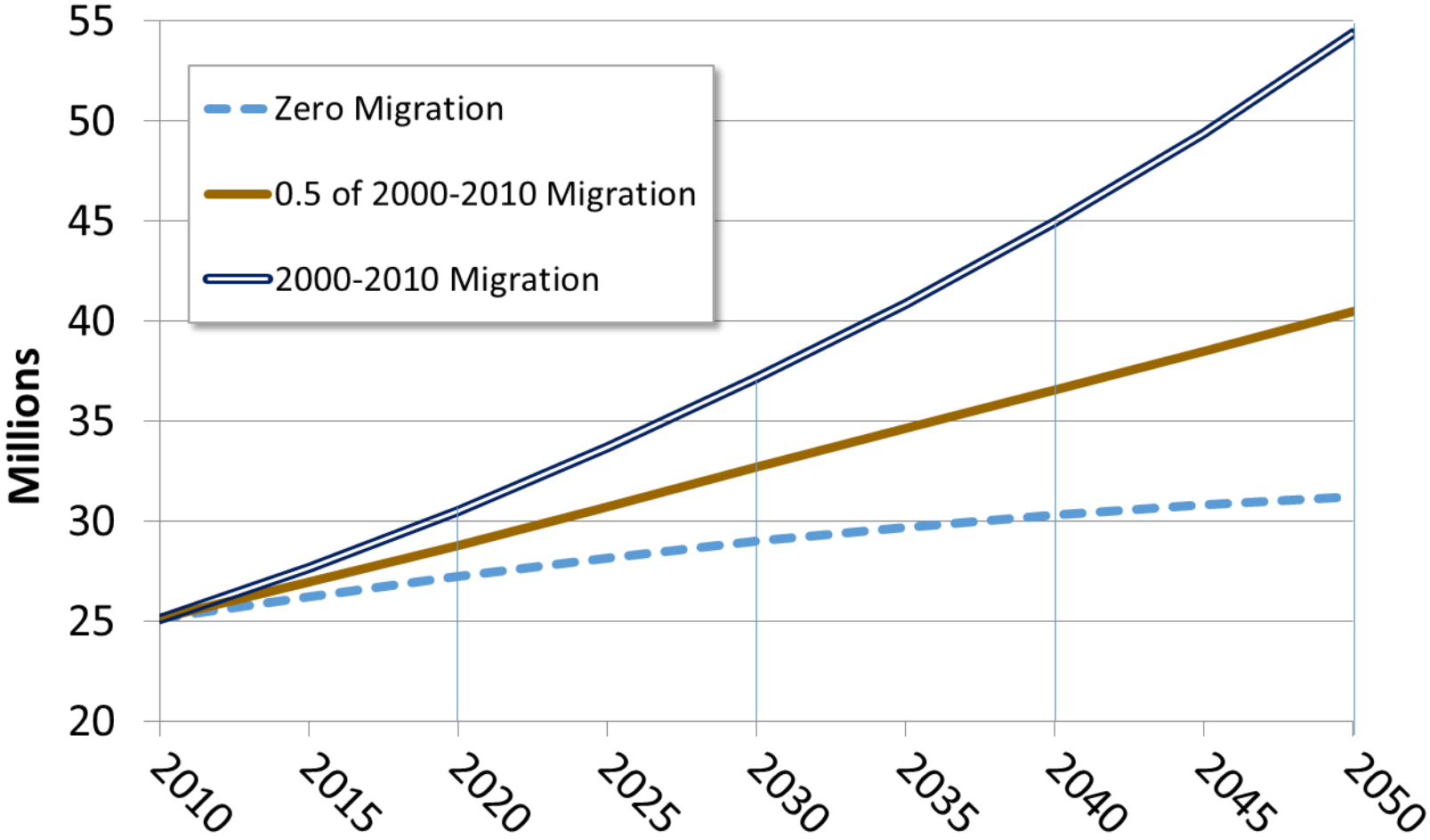




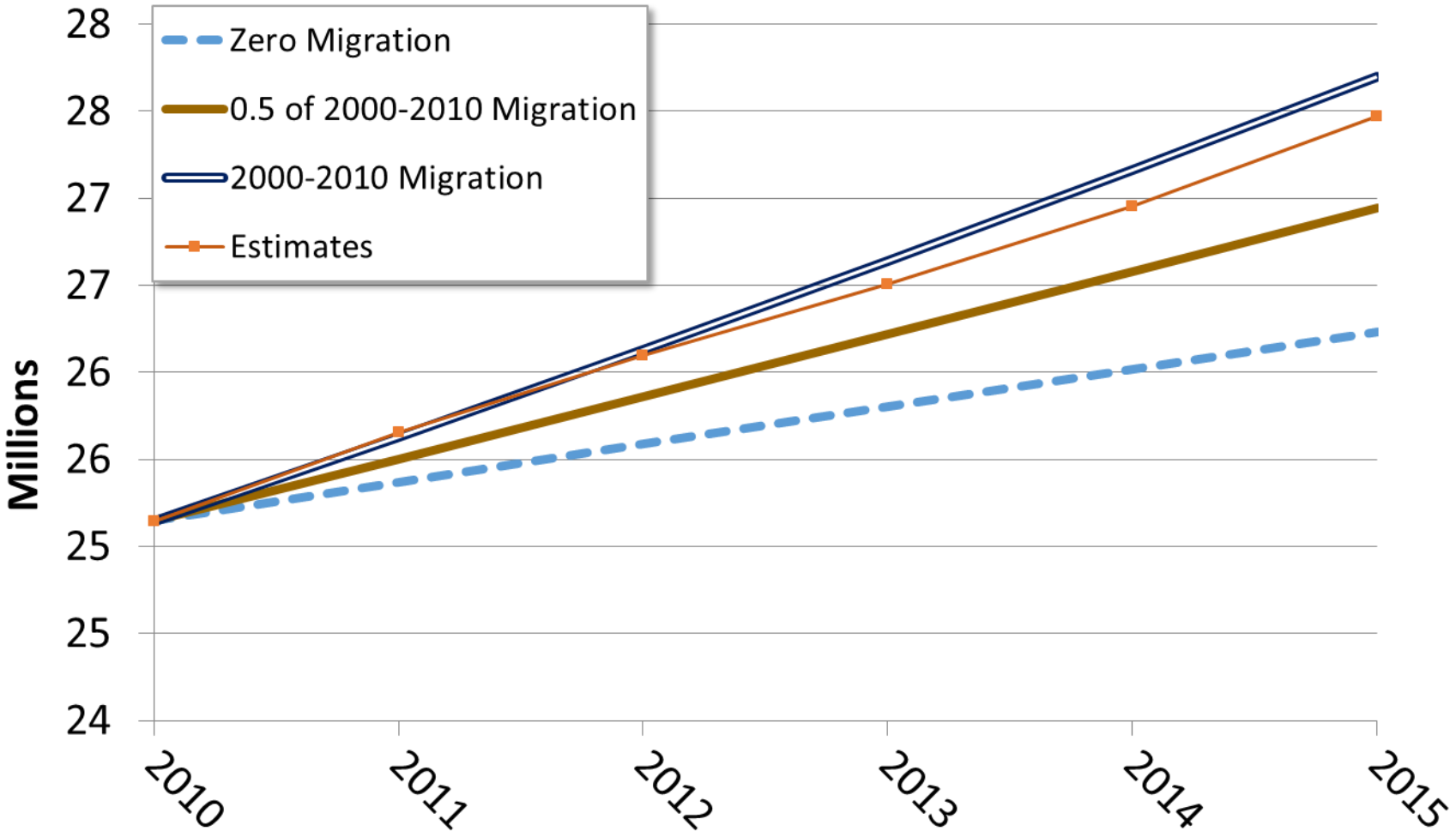
Source: Texas PetroFacts / Railroad Commission of Texas / January 2016

Projected Population Growth in Texas, 2010-2050



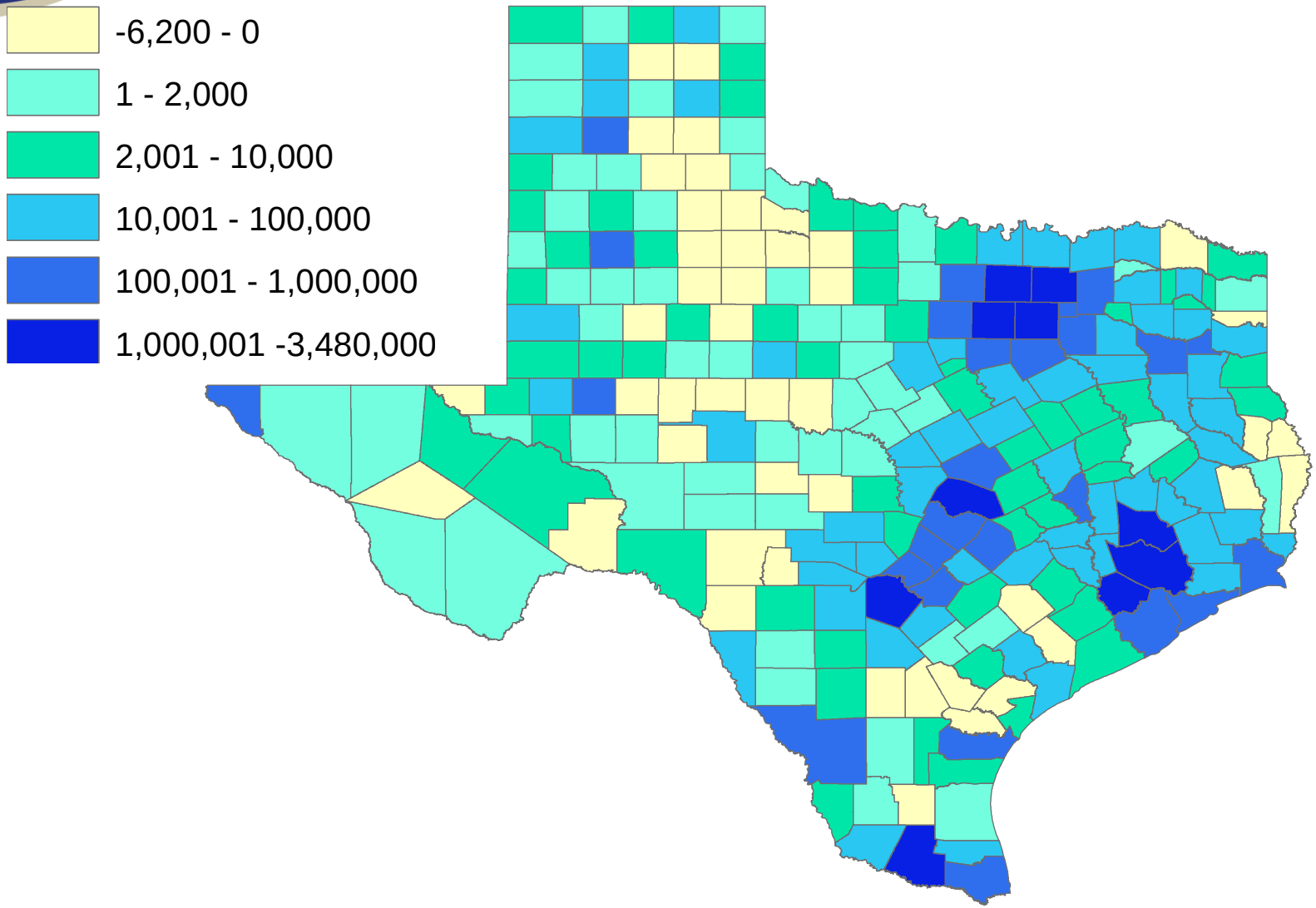
Source: Texas State Data Center 2014 Population Projections

Projected and Estimated Population Growth in Texas, 2010-2015



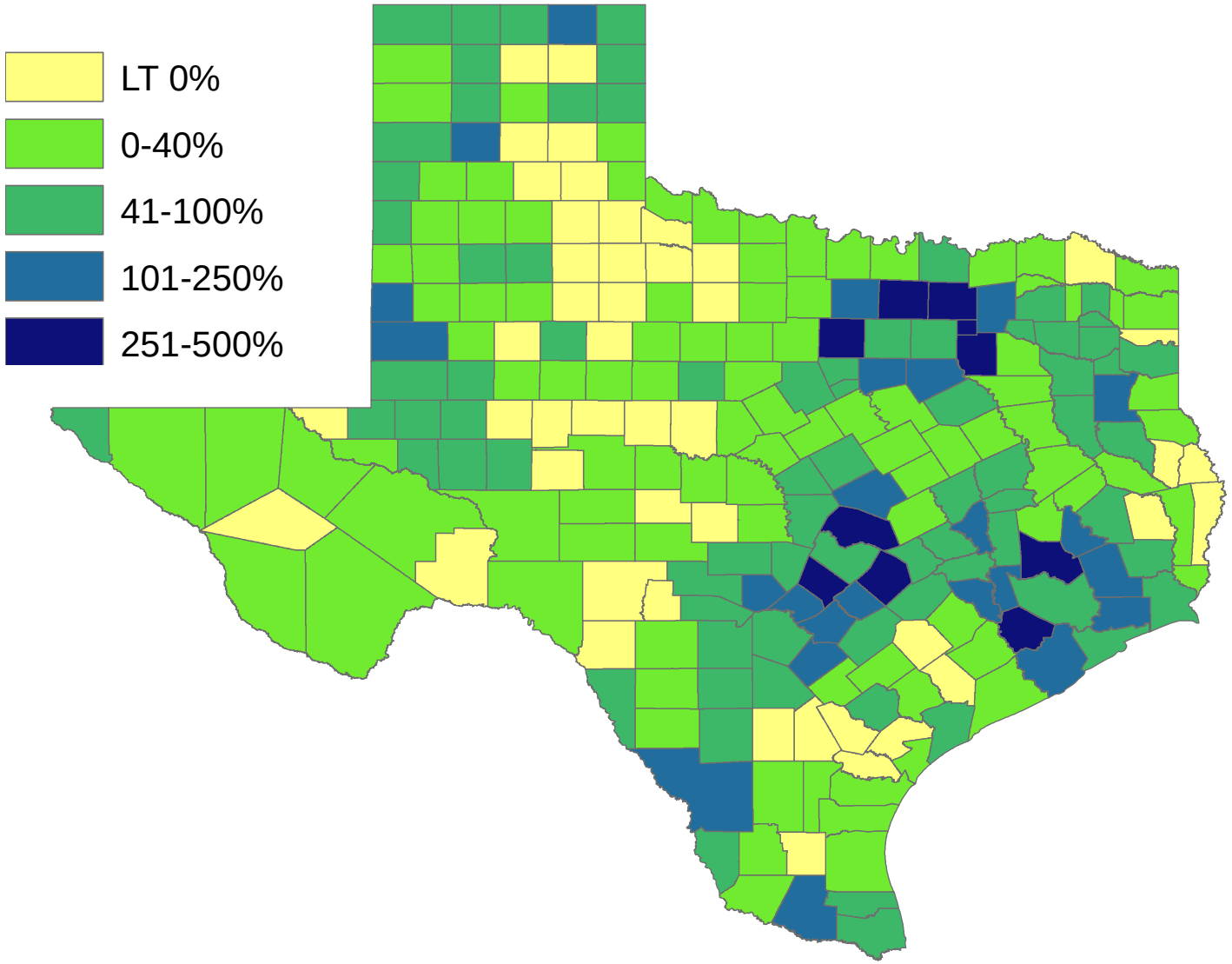
Source: Texas State Data Center 2014 Population Projections and U.S. Census Bureau Population Estimates

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

Review

- Growth – significant, fast, uneven
- Migration patterns are dynamic
- Projected growth implies need for substantial infrastructure development and expanding demand for energy.

Contact

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