



Texas Counts Initiative – The Benefits of the 2020 Census

The screenshot shows the homepage of the United States Census 2020 website. The browser address bar displays <https://2020census.gov>. The page features a blue header with the "United States Census 2020" logo on the left. A navigation menu includes links for "Partners", "Educators", "News & Events", "Jobs", and "Help". A search bar and a language selector set to "English" are also present. Below the navigation, a secondary menu offers "Get the Facts", "How To Respond", "Why Your Answers Matter", and "Privacy and Security". The main content area is a large banner with a background image of a child's hands building a red bridge model and a suspension bridge over water. The text "Shape your roads." is prominently displayed in white, with "START HERE." below it. A blue "GET INVOLVED" button is centered at the bottom of the banner. A small white arrow points downwards at the very bottom center of the page.



Population Growth of Select States, 2000-2019

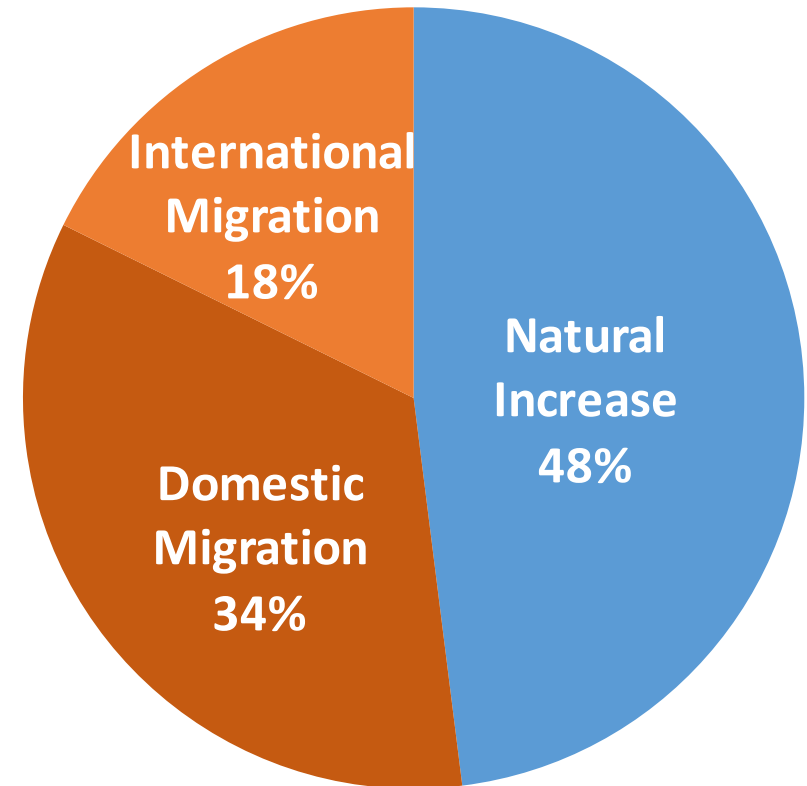
	2000 Population	2010 Population	2019 Population	Numeric Change 2010-2019	Percent Change 2010-2019
United States	281,421,906	308,745,538	32,823,9523	19,481,418	6.3%
Texas	20,851,820	25,145,561	28,995,881	3,849,790	15.3%
California	33,871,648	37,253,956	39,512,223	2,257,704	6.1%
Florida	15,982,378	18,801,310	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%

19.7% of U.S.
Population
Change 2010-2019



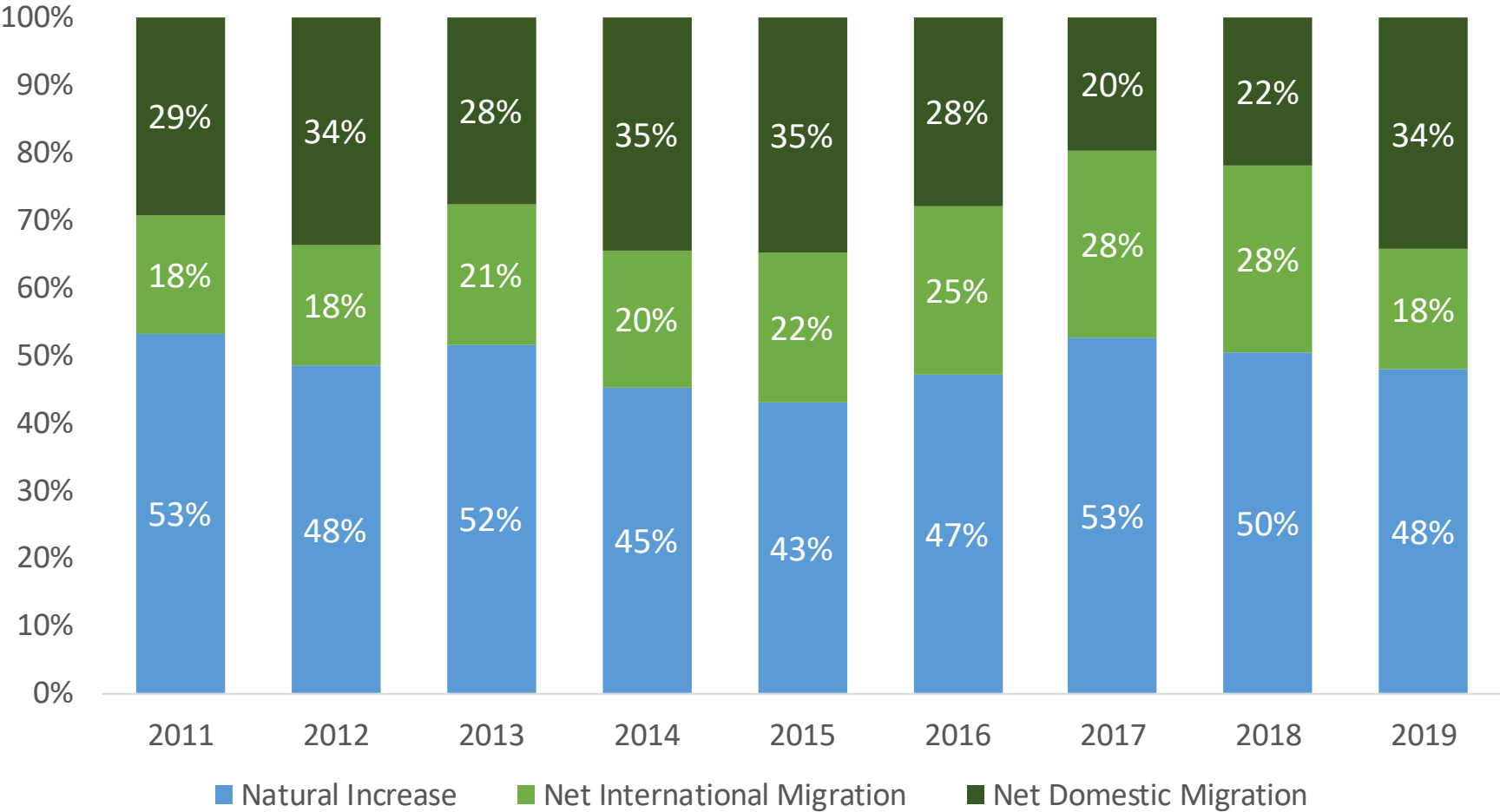
Texas added 367,215 people between July 1, 2018 and July 1, 2019.

- About 1,006 people per day added to our population between 2018 and 2019
 - About 483 persons per day from natural increase (more births than deaths)
 - About 523 per day from net migration (178 international and 345 domestic migrants per day).





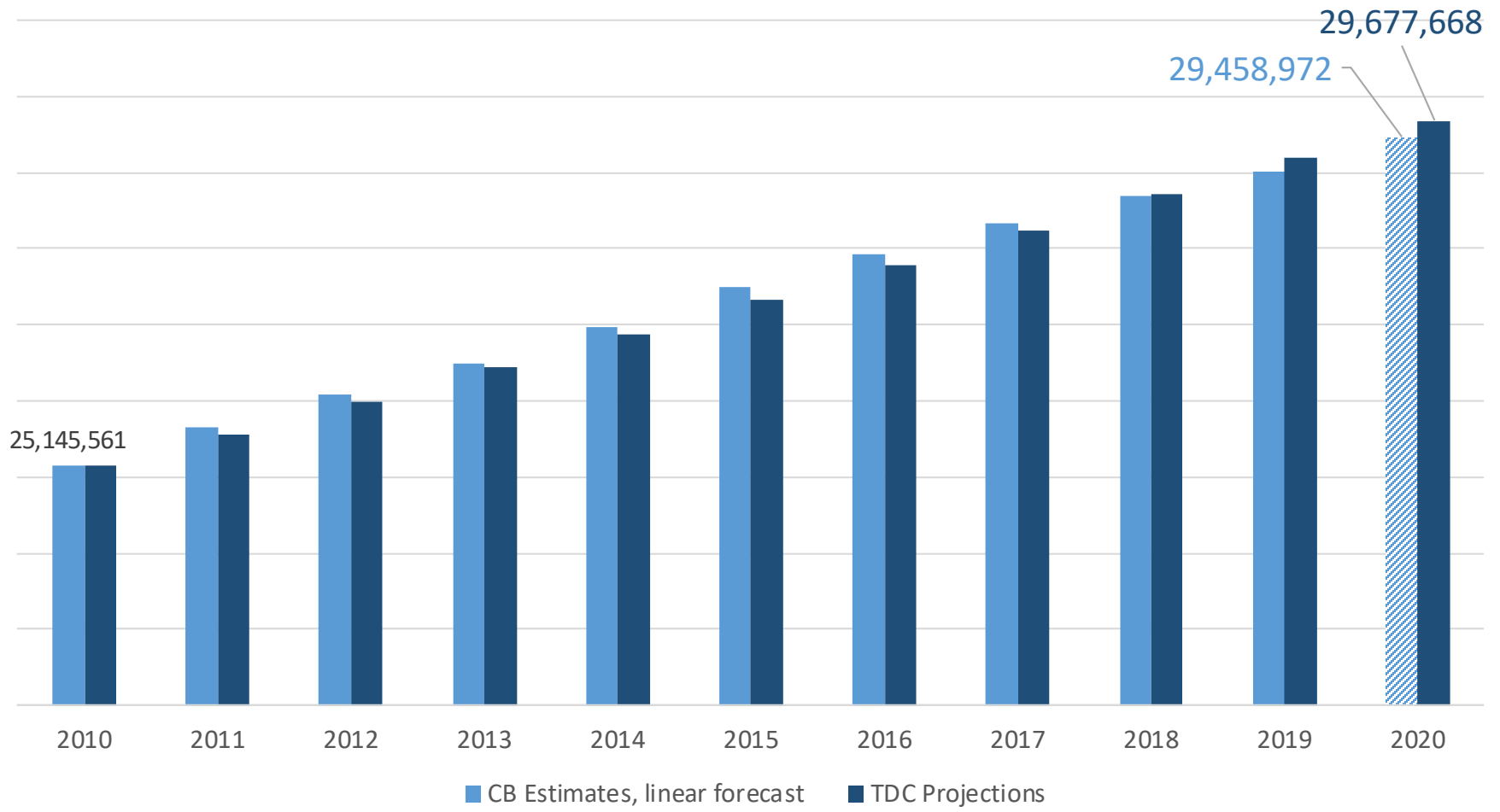
Estimates of Percent Components of Population Change, Texas, 2011-2019



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

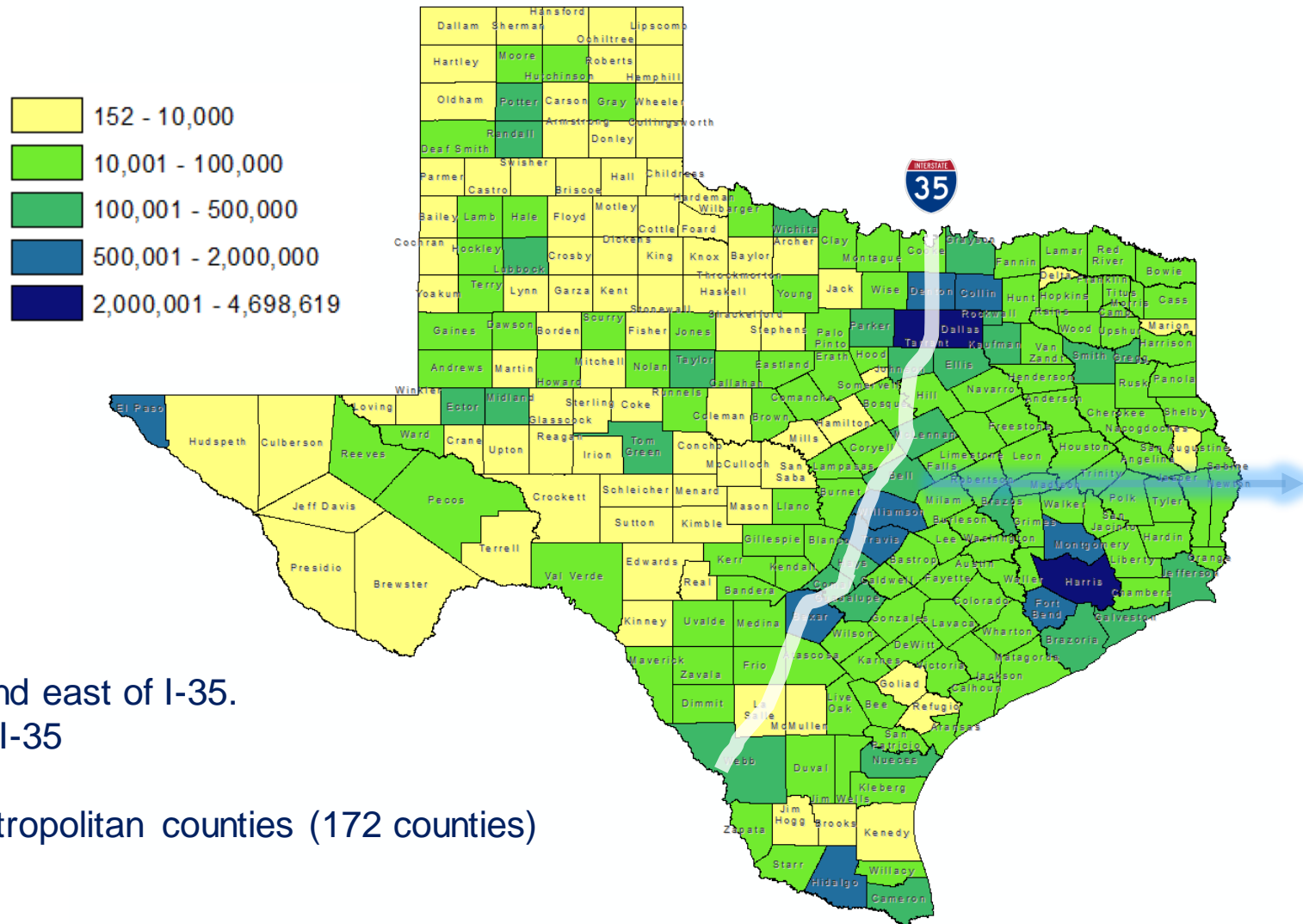


Linear Forecast of Census Bureau Population Estimates 2010-2019 and TDC Population Projections





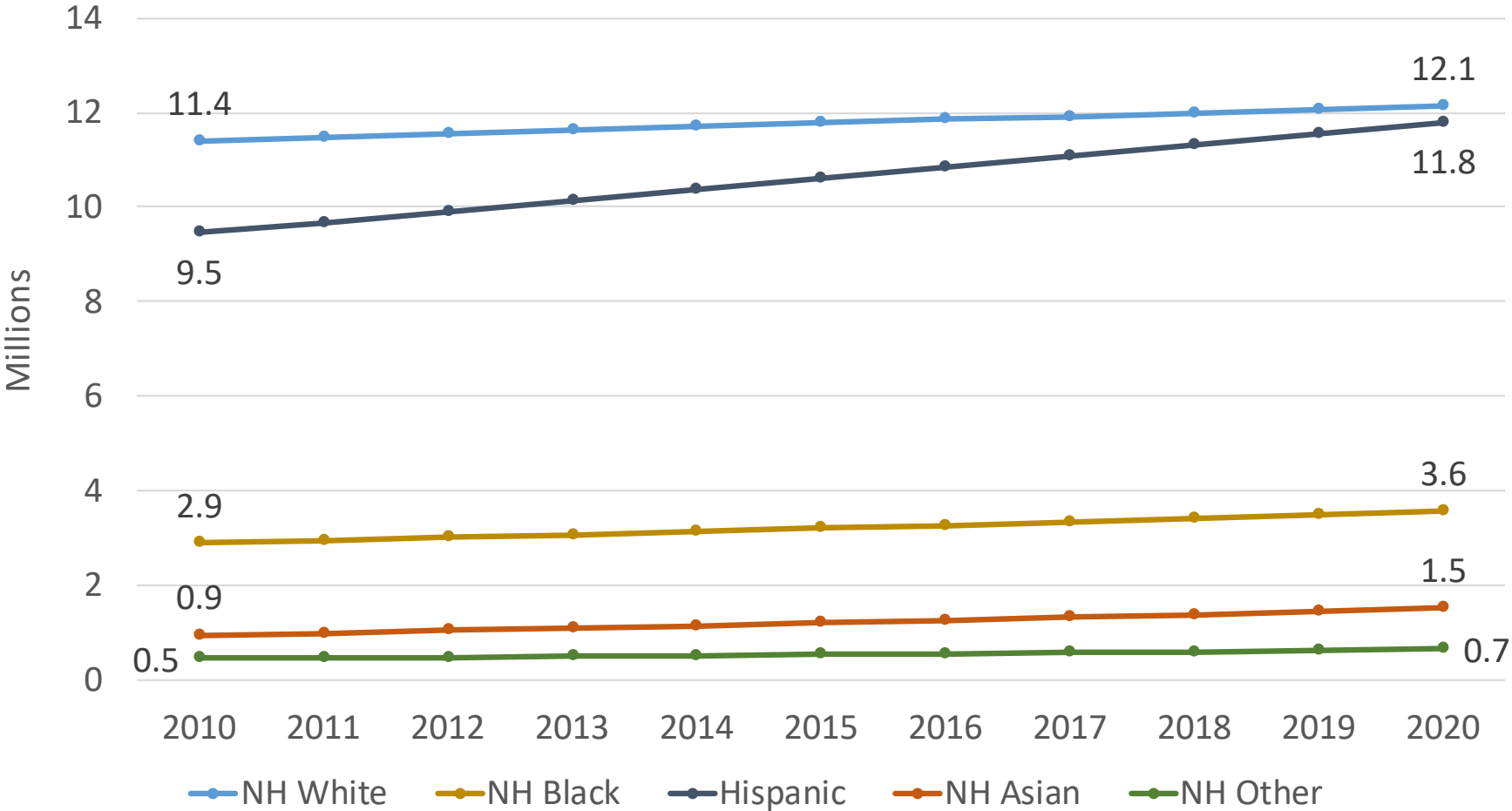
Total Estimated Population by County, Texas, 2018



- 87% live along and east of I-35.
- 13% live west of I-35
- 10.7% in non-metropolitan counties (172 counties)



Projected Population by Race and Ethnicity, Texas 2010-2020

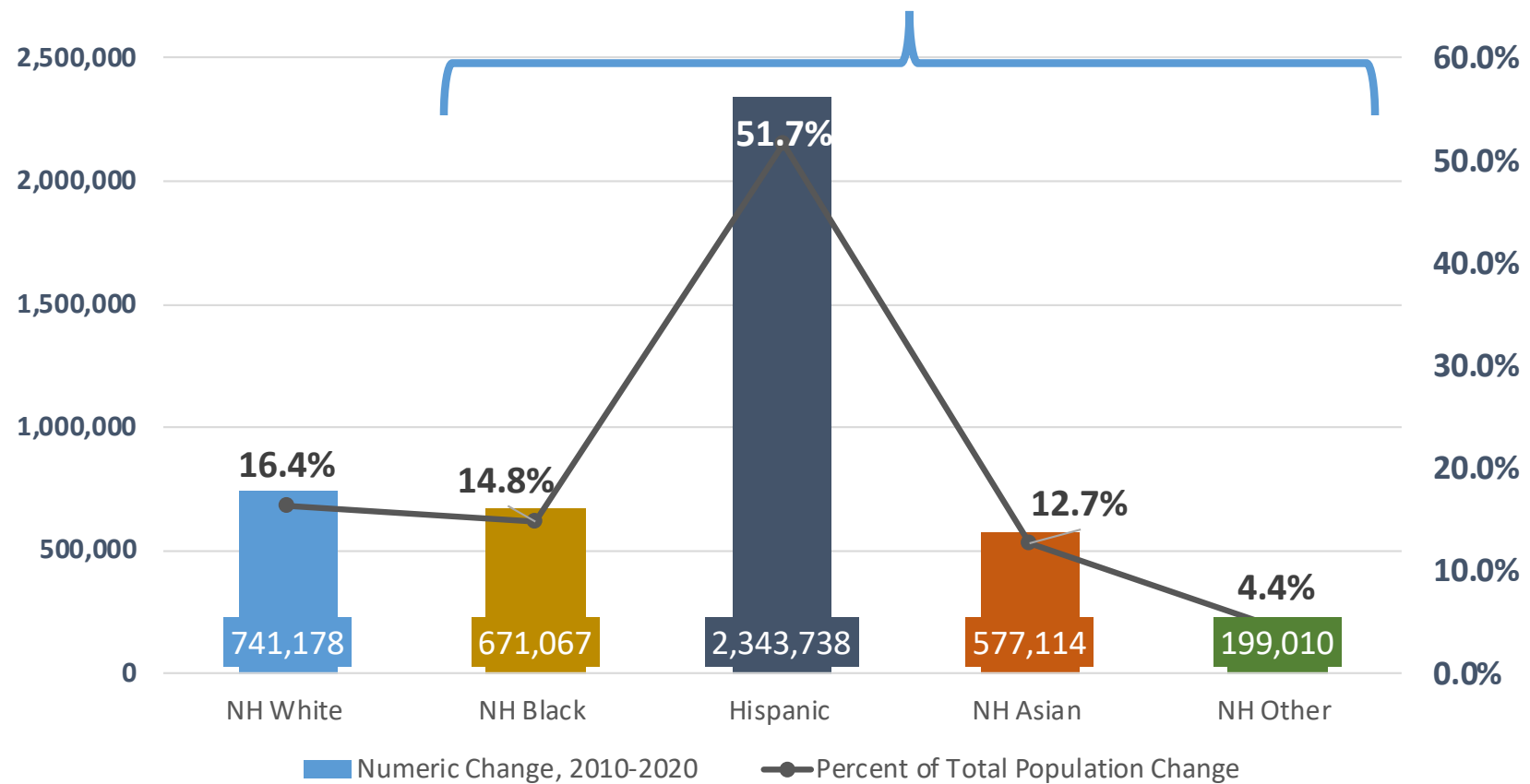


Source: Texas Demographic Center, Population Projections, 2010-2015 Migration Scenario, Vintage 2018



Projected Population Change and Percent of Total Projected Change by Race/Ethnicity, 2010-2020, Texas

83.6% of projected population growth in Texas this decade can be attributed to growth of minority populations





CENSUS 2020

- Census counts used for:
 - reapportion the U.S. House of Representatives
 - electoral college votes
 - redraw congressional and state legislative boundaries



- distribution of more than \$675 billion in federal funds for:
roads, schools, hospitals, public works, and other vital programs.

Counting for Dollars 2020
The Role of the Decennial Census in the
Geographic Distribution of Federal Funds

- 1% undercount of Texans could translate to a loss of \$300 million per year.



Census 2020 Timeline

March 12 - 20: Households will begin receiving official Census Bureau mail with detailed information on how to respond to the 2020 Census online, by phone, or by mail.

March 30 - April 1: The Census Bureau will count people who are experiencing homelessness and living in shelters.

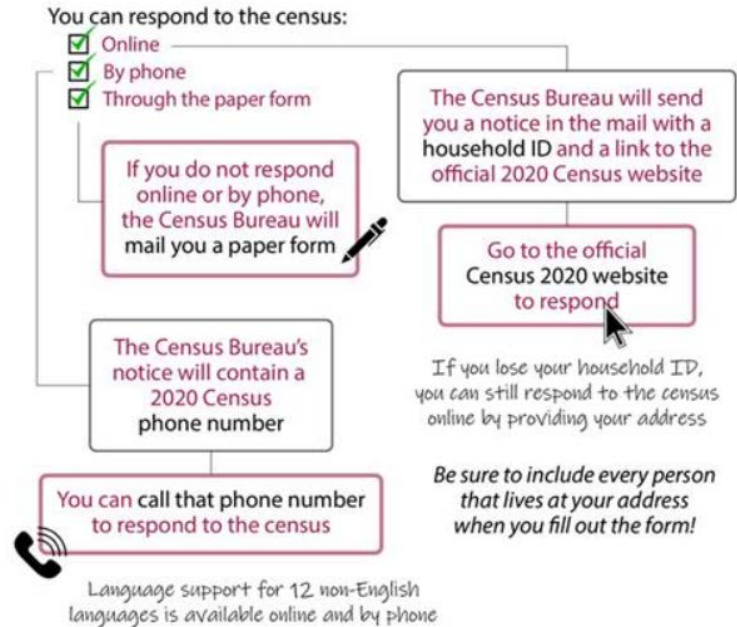
April 1: Census Day is observed nationwide. By this date, every home will receive an invitation to participate in the 2020 Census.

• **April:** Census takers will begin visiting group quarters.

• **May - July:** Census takers will begin visiting homes that haven't responded.

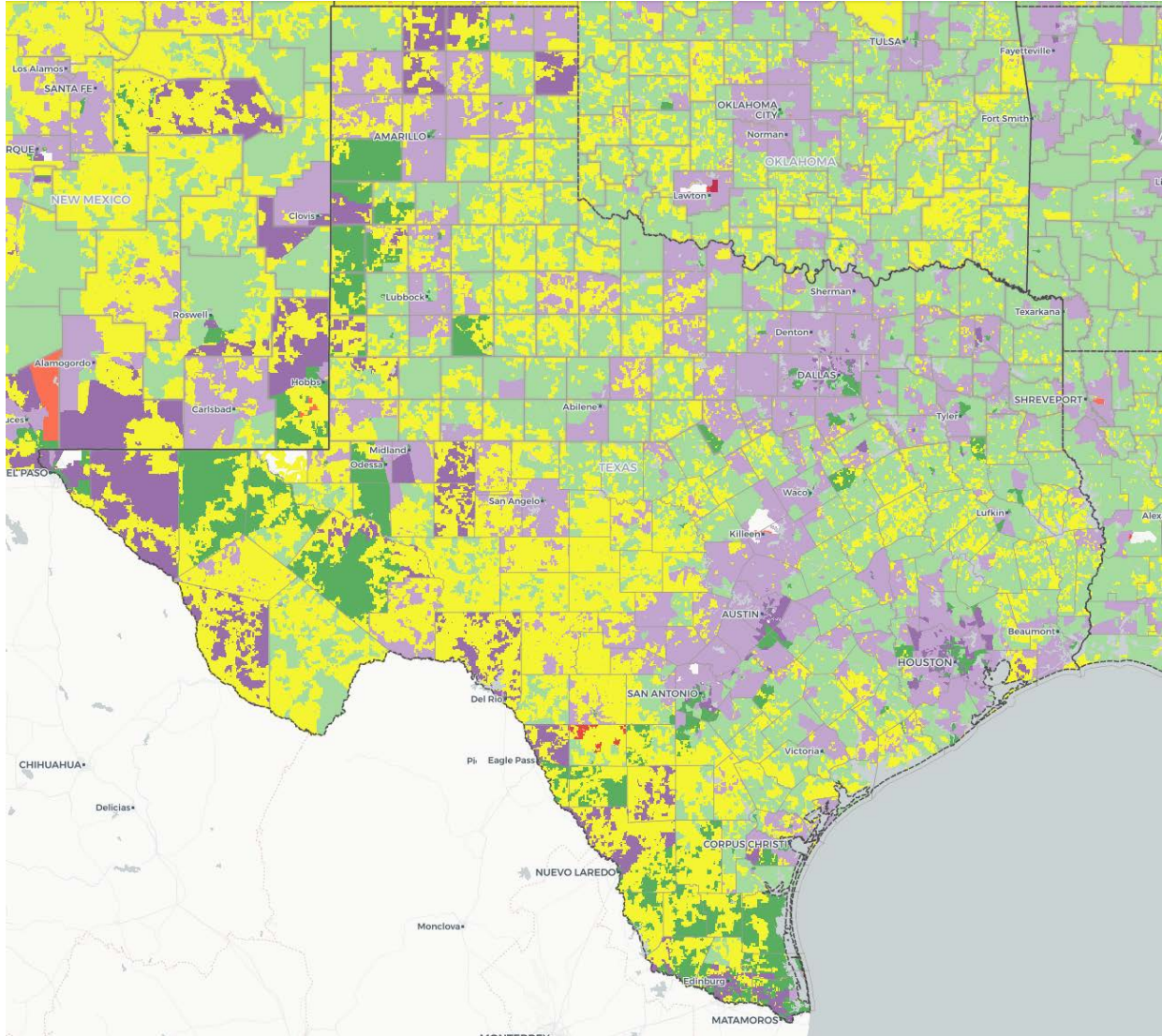
• **December:** The Census Bureau will deliver apportionment counts to the President and Congress as required by law.

The Internet Response Option in the 2020 Census





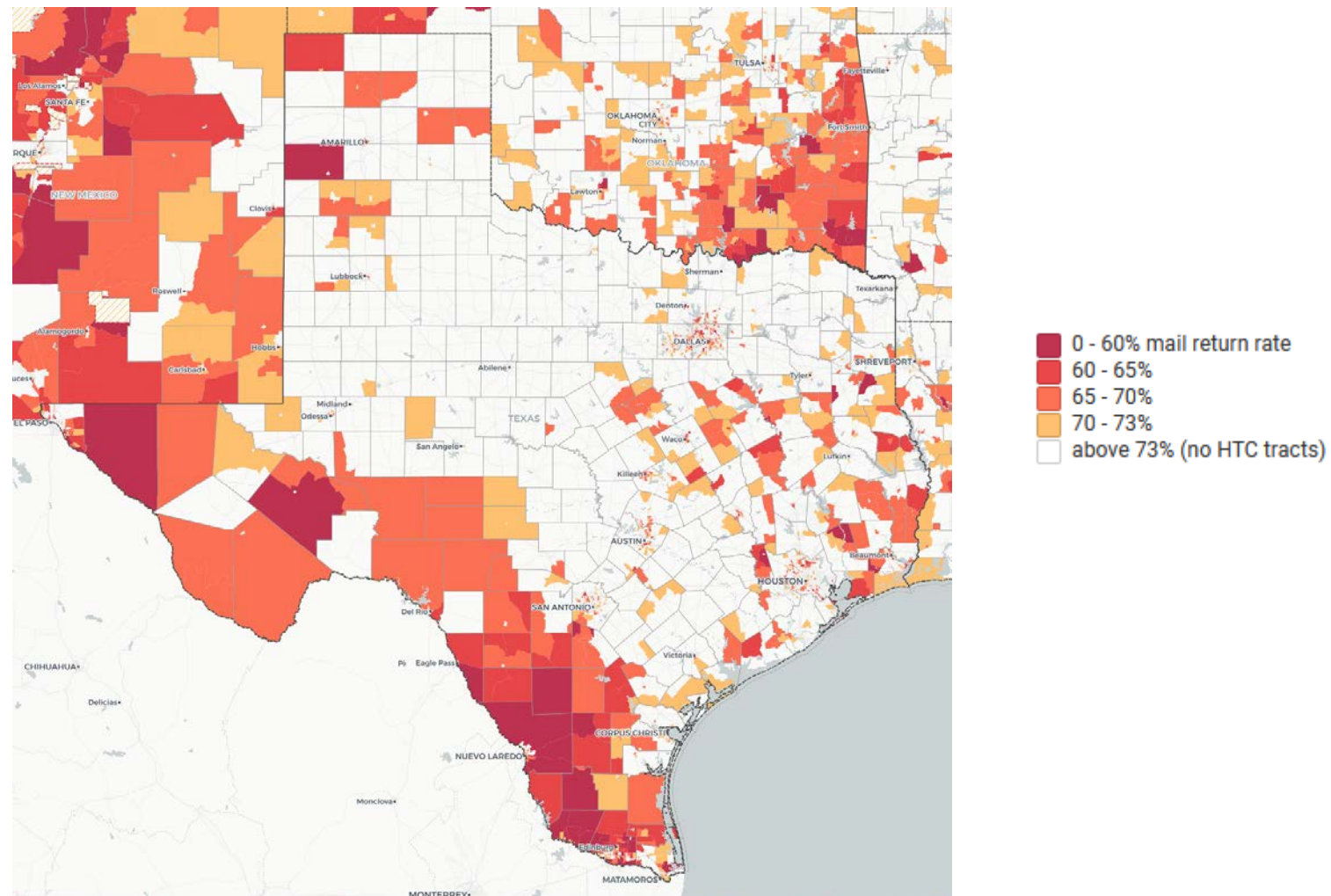
2020 Census Initial Contact



- Internet First mailing (English)
- Internet First mailing (bilingual)
- Internet Choice mailing (English)
- Internet Choice mailing (bilingual)
- Hand-delivered packet (Update/Leave)
- Counted in-person (Update/Enumerate)



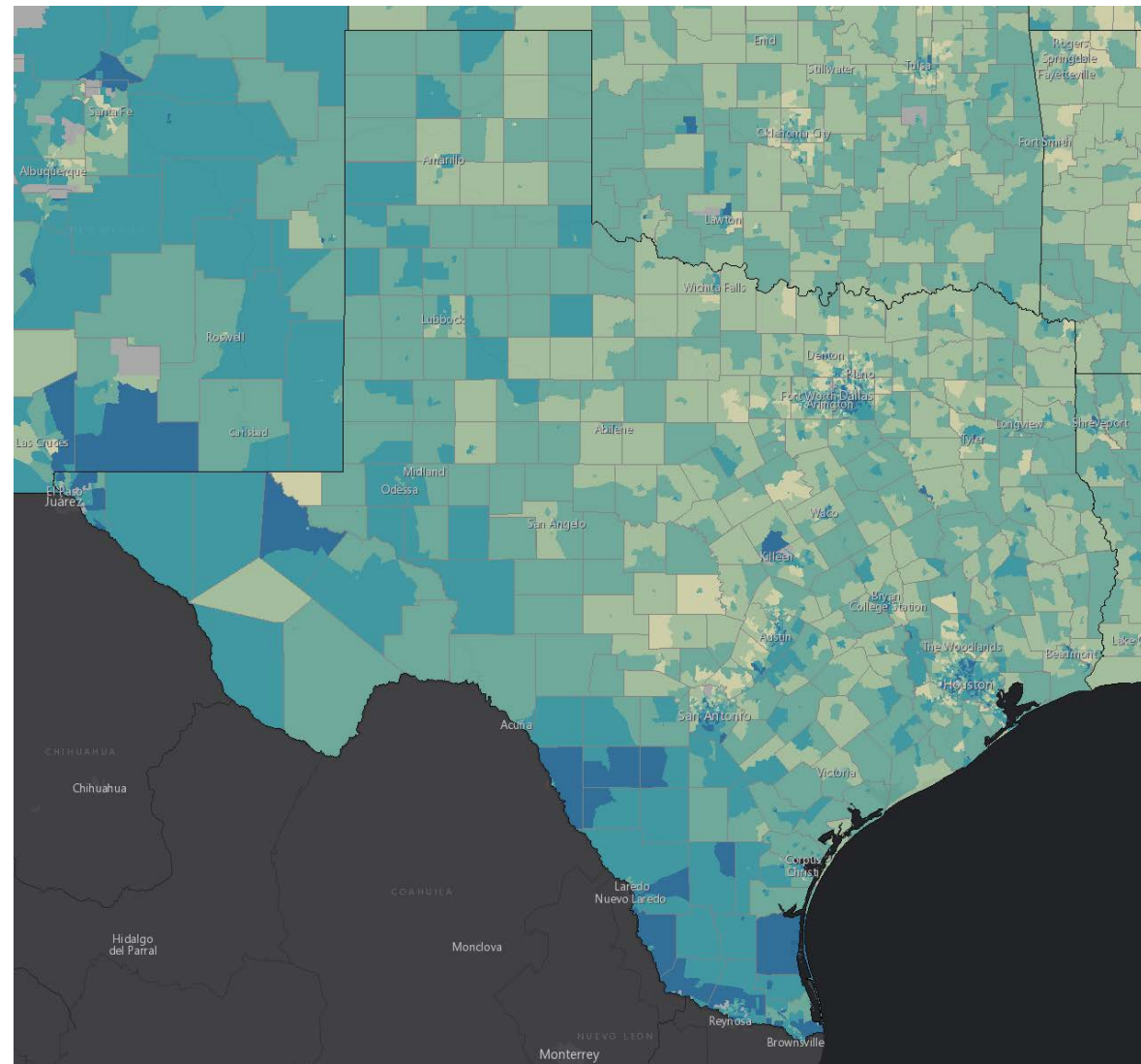
Hard to Count Census Tracts



About 25% of Texas's current population (or 6,908,991 people) live in hard-to-count neighborhoods



Predicted Mail Non-Response for 2020 Census



Predicted Mail Non-Response Rate (%)

Low Response Score by 2017 Census Tract (2019 Planning Database)

- 30.0 to 48.4
- 25.0 to 29.9
- 20.0 to 24.9
- 16.0 to 19.9
- 0.0 to 15.9
- Not Calculated

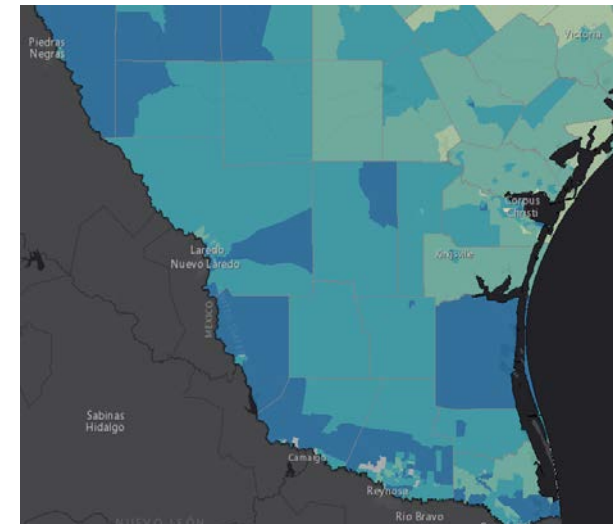
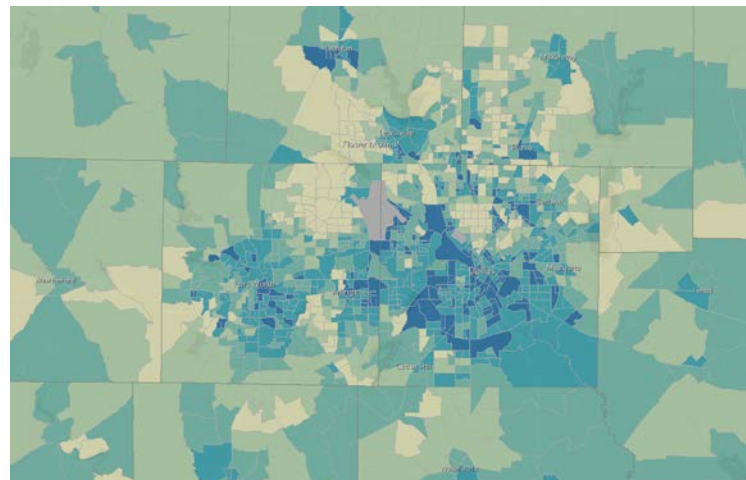
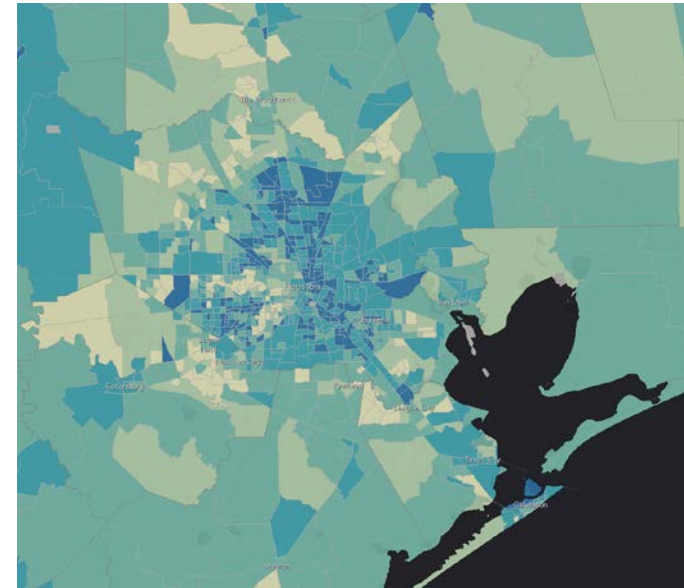
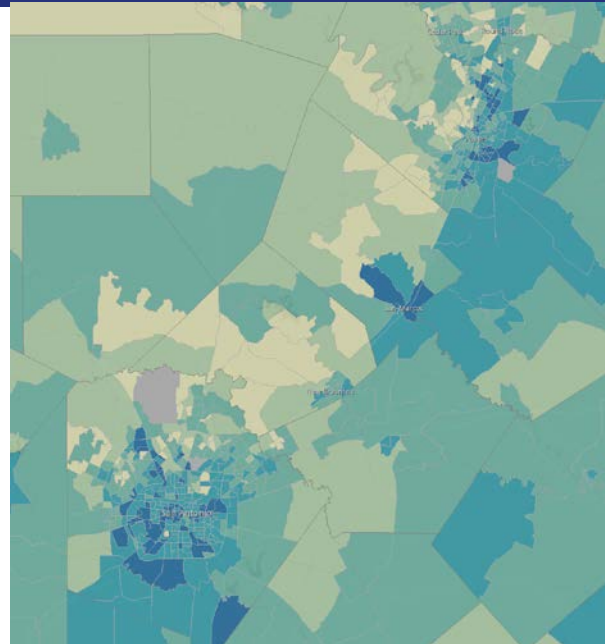


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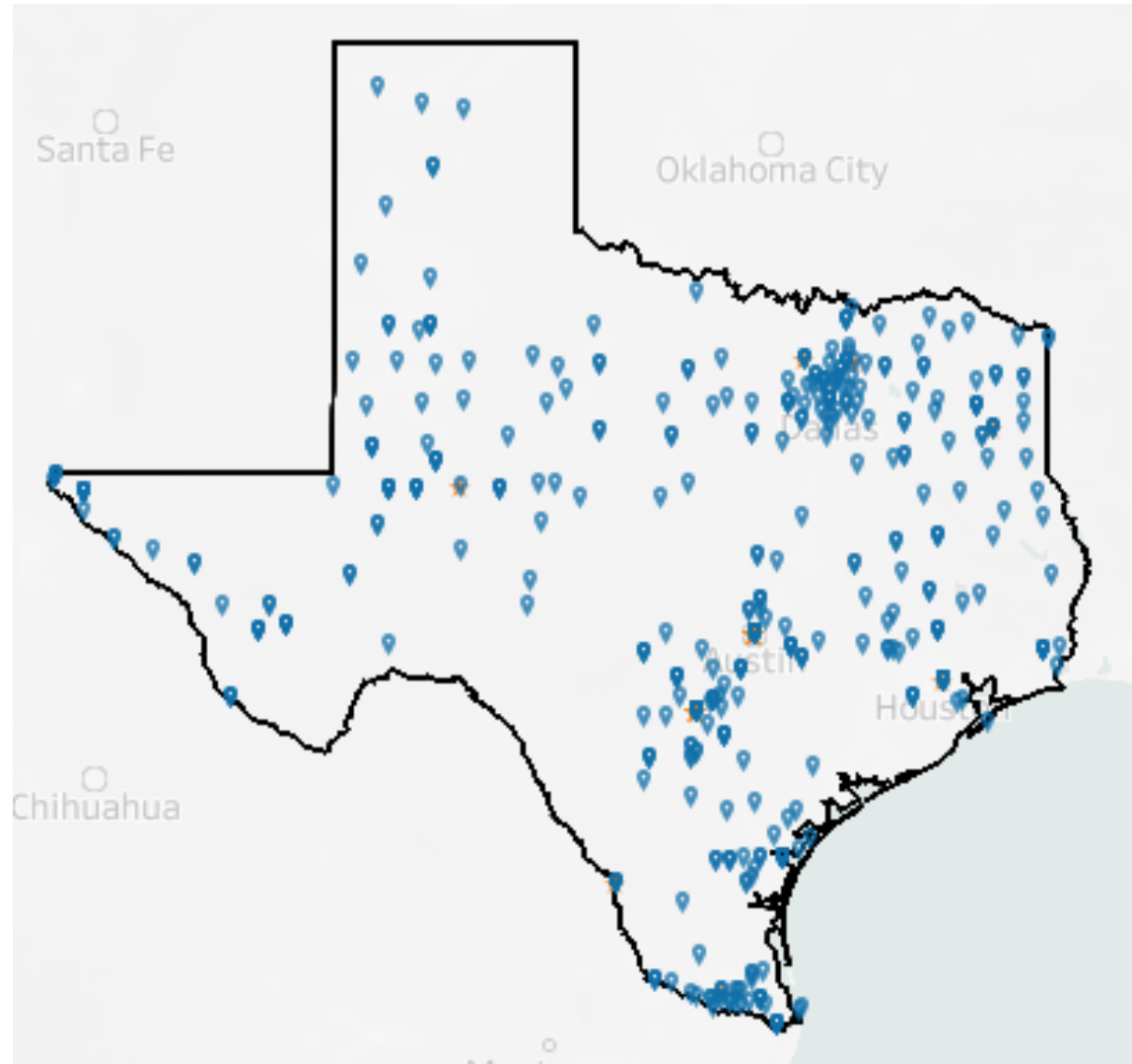
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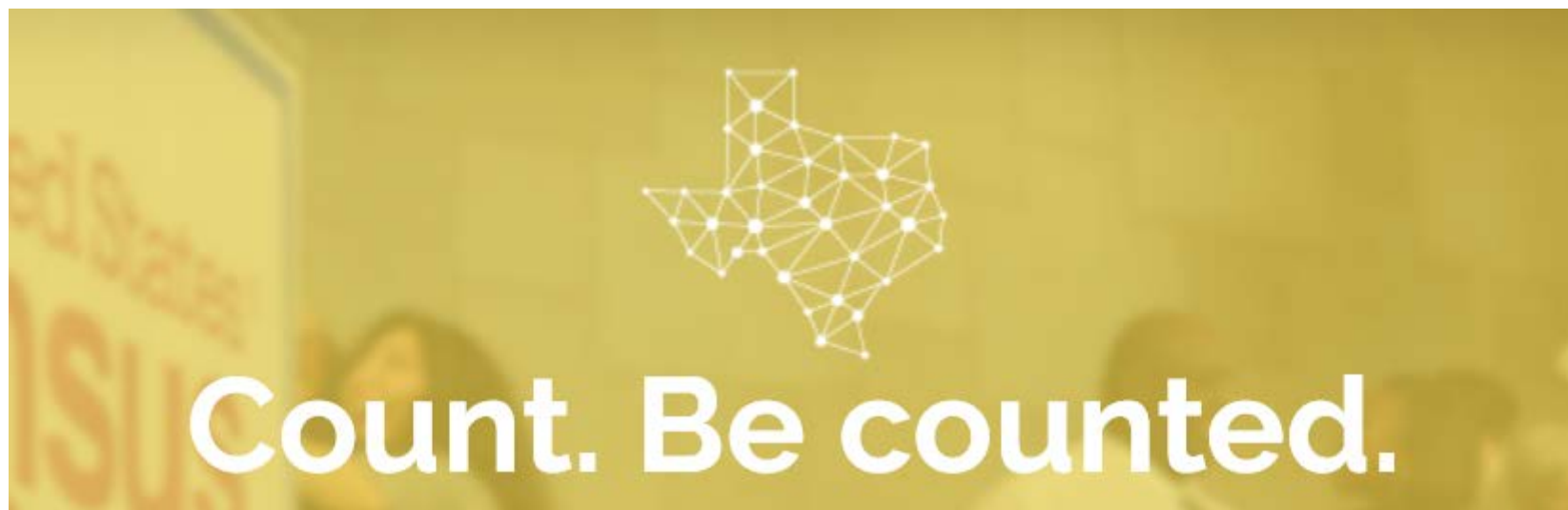


Census 2020 Complete Count Committees in Texas





TexasCounts.org





Disclosure Avoidance

“To stimulate public cooperation necessary for an accurate census...Congress has provided assurances that information furnished by individuals is to be treated as confidential. Title 13 U.S.C. §§8(b) and 9(a) explicitly provide for nondisclosure of certain census data, and no discretion is provided to the Census Bureau on whether or not to disclose such data...” (U.S. Supreme Court, *Baldrige v. Shapiro*, 1982)

Reconstruction - The recreation of individual-level data from tabular or aggregate data.

If you release enough tables or statistics, eventually there will be a unique solution for what the underlying individual-level data were.

Computer algorithms on fast computers can do this easily

	4					2	
			7				4
1		7	8				5
			9			3	8
5							
			6		8		
3						4	5
	8	5				1	9
		9		7	1		



Differential Privacy

- Differential Privacy involves injecting noise into the Census data with formal privacy rules that results in reconstruction being less accurate as more noise is introduced
- Differential privacy, will result in a significant trade-off in data accuracy, potentially making the public data less useful for many scientific, program administration, and policy applications.

Providing accurate data



Safeguarding individual privacy

Data Quality | Bnae Kegouqe
 Dada Qualitg | Vrkk Jzcfkdy
 Data Qaalit | Dncb PrhvbIn
 Dz te Qvalit | Dncb Prtnavy
 Dfha Quapyti | Tgta Ppijacy
 Tgta Qucjity | Dfha Pnjvico
 Dncb Qhulitn | Dzhe Njivaci
 Ntue Quevdto | Dz te Privacy
 Vrkk Zuhnrvy | Dada Privacg
 Bnaq Denorbe | Data Privacy

County	SF1 Population	Demo Data Population	Percent Difference
McMullen	707	758	7.2%
Kenedy	416	451	8.4%
Kent	808	912	12.9%
Loving	82	94	14.6%
King	286	335	17.1%

Source: U.S. Census Bureau, 2010 Census Summary File 1 and 2010 Demonstration Data

Population	Number of Places	Mean Absolute Percent Difference
1-500	513	25.7%
501-1,000	260	10.1%
1,001-5,000	591	4.3%
5,001-10,000	143	1.7%
10,001 plus	241	0.7%

Source: U.S. Census Bureau, 2010 Census Summary File 1 and 2010 Demonstration Data



COUNTING FOR DOLLARS 2020:TEXAS

Federal Transportation Funding for Texas:

• Highway Planning and Construction	\$3,330,264,684
• Federal Transit Formula Grants	\$434,390,000
• Federal Transit - Capital Investment Grants	\$17,448,333



Contact

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Demographics.Texas.gov