

# Texas border health data overview

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Allison Abell Banicki, PhD

Epidemiologist, Office of Border Public Health



TEXAS  
Health and Human  
Services

Texas Department of State  
Health Services

Office of  
**Border**  
Public Health

# Border Data

## By Region or County

- Demographics
- Health care access
- Communicable diseases
- Chronic diseases
- Mental health
- Maternal & child health
- Accidents & injuries
- Border crossings



Whiskerbush (*Coryphantha ramillosa*)

# Demographic Variables

## 1. Population

- Total
- Change
- Hispanic

## 2. Foreign birth / Language

## 3. Age

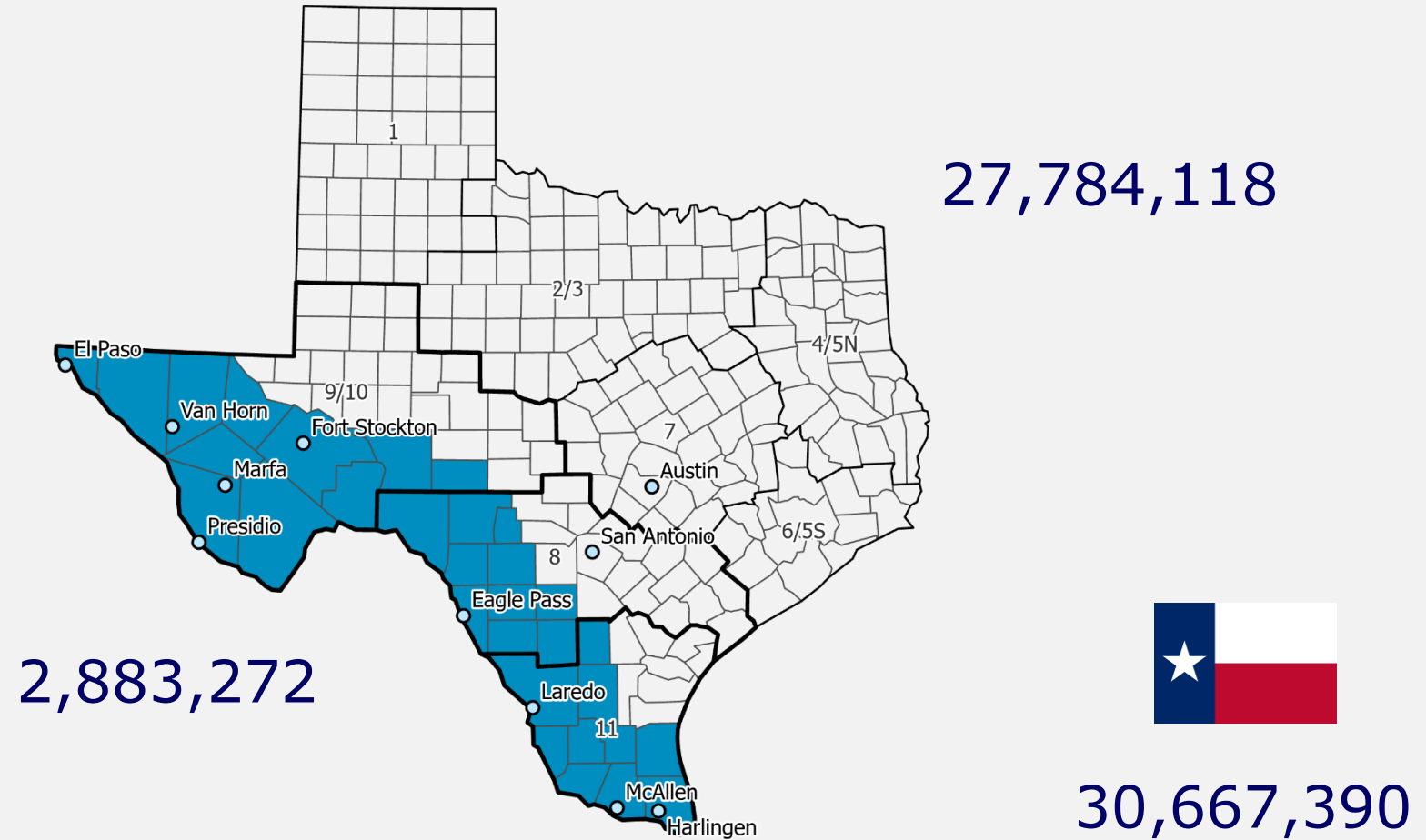
## 4. Poverty

## 5. Education



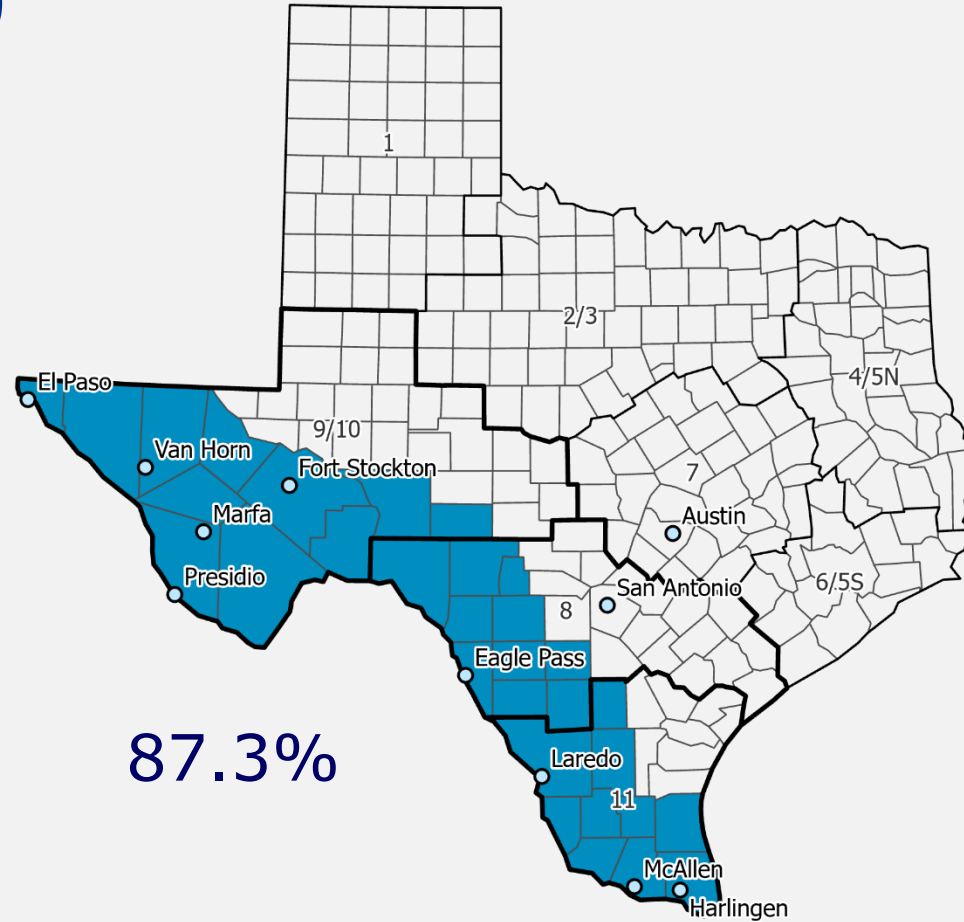
Texas Department of State  
Health Services

# Population: Projections for 2022



# Percent Hispanic

(2022 projections)



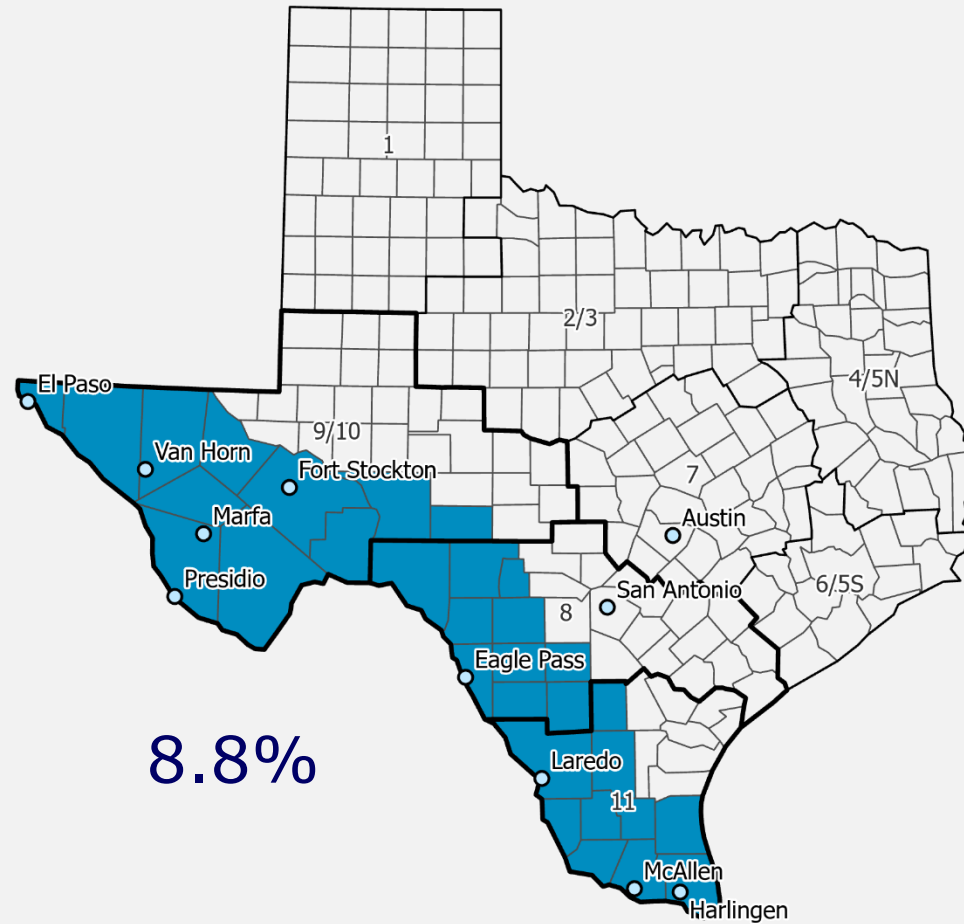
35.2%

87.3%



40.1%

# Percent Change in Total Population (2012-2022)



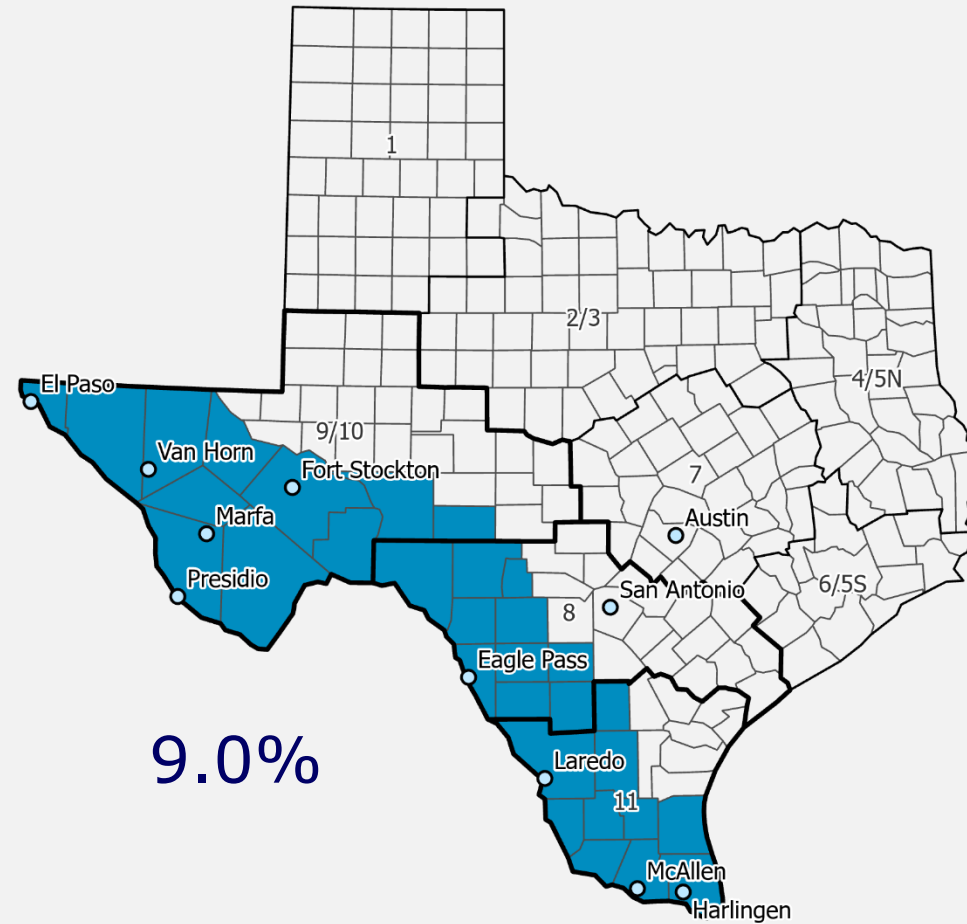
19.0%

8.8%



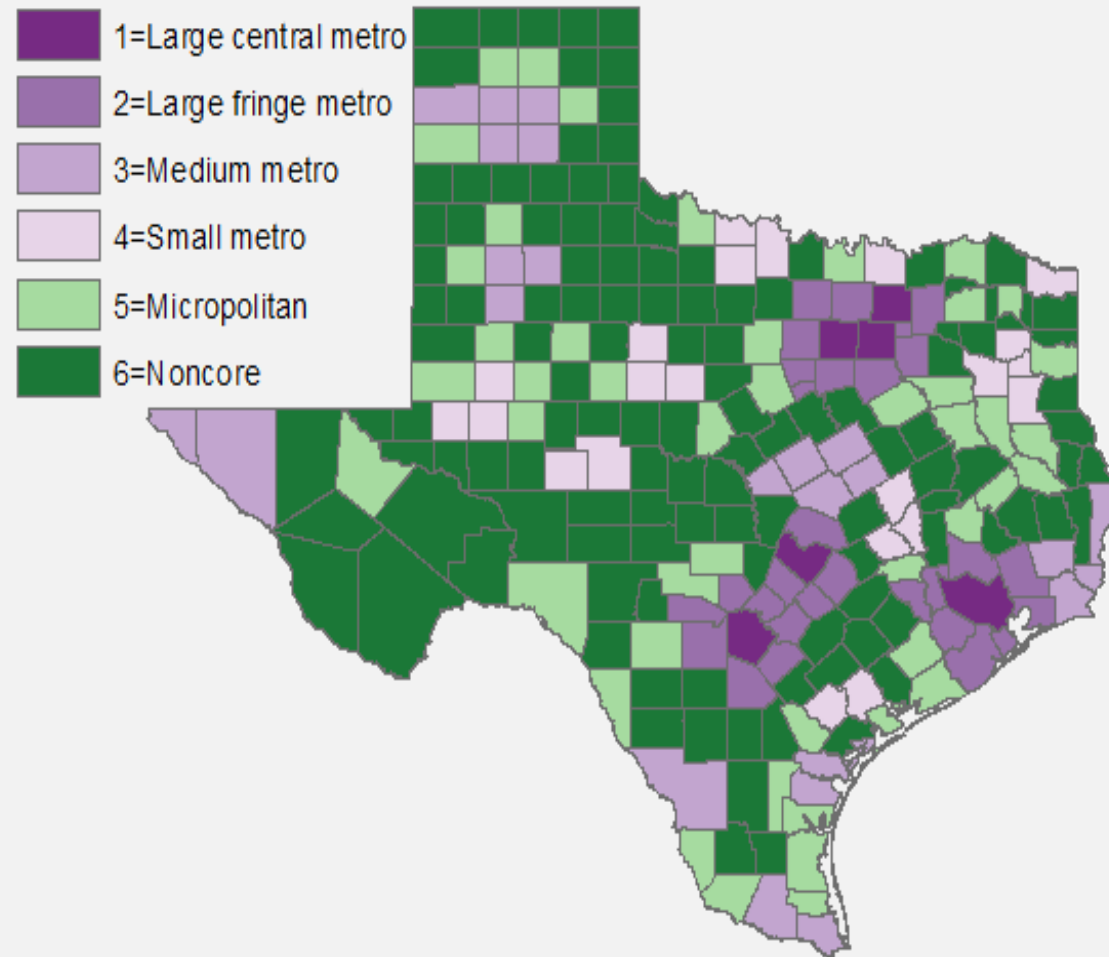
18.0%

# Percent Change in Hispanic Population (2012-2022)



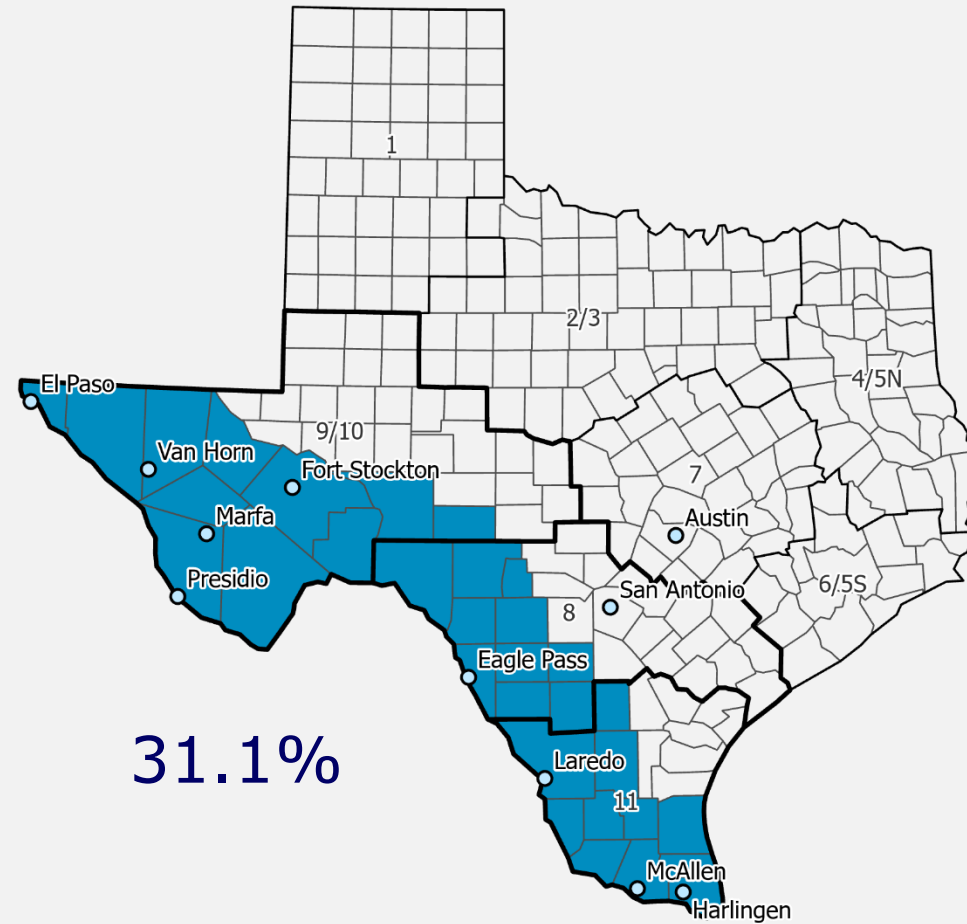
# Metropolitan and Non-metropolitan Areas of Texas

**NCHS 2013**





# Percent of population under age 20 years (2022)



27.5%

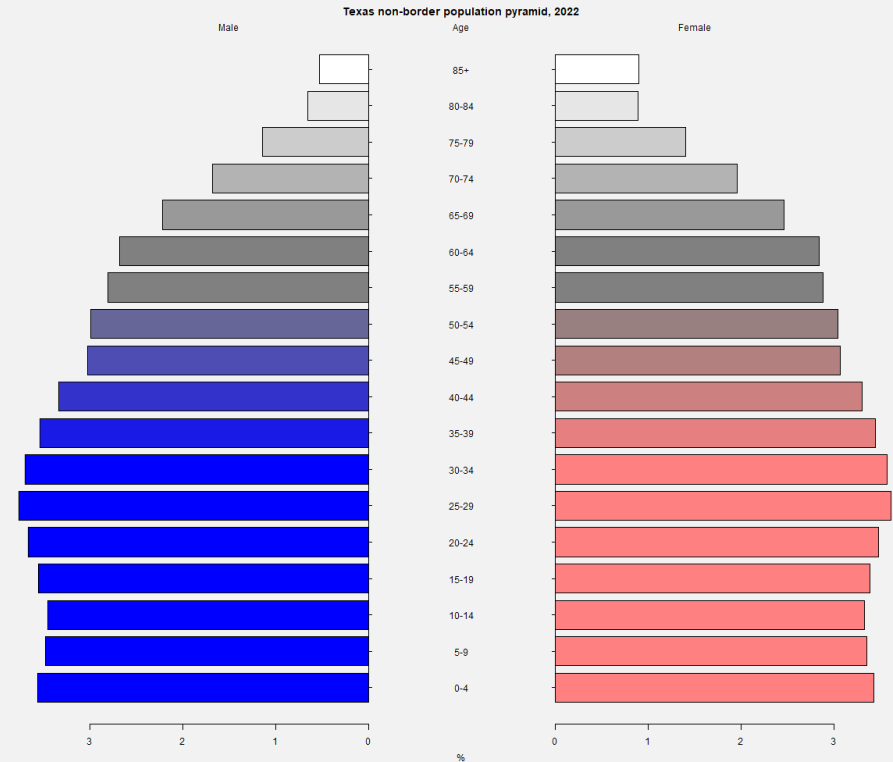
31.1%



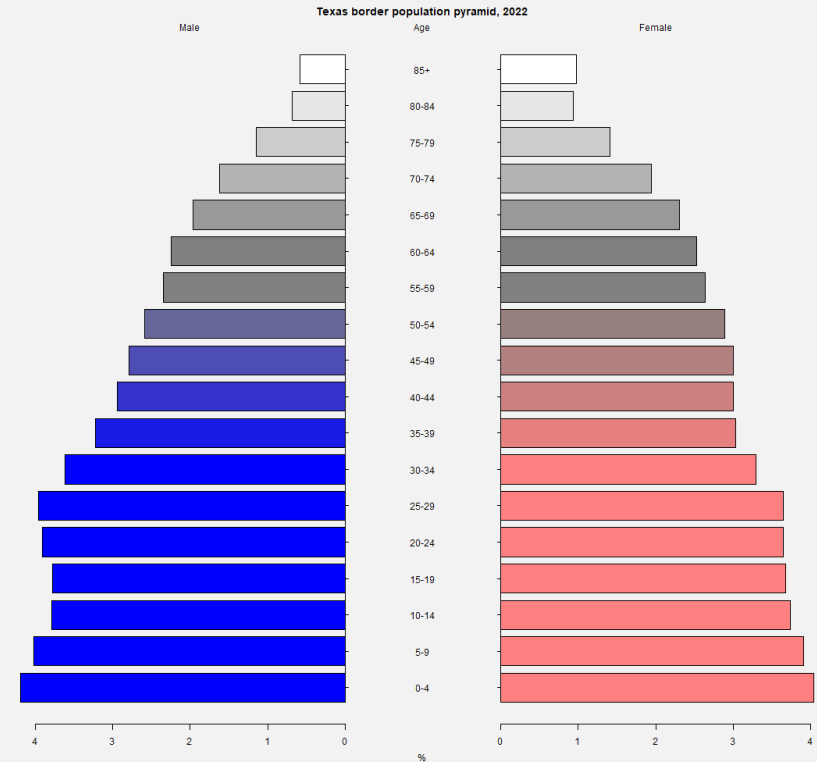
27.8%

# Population pyramid (2022)

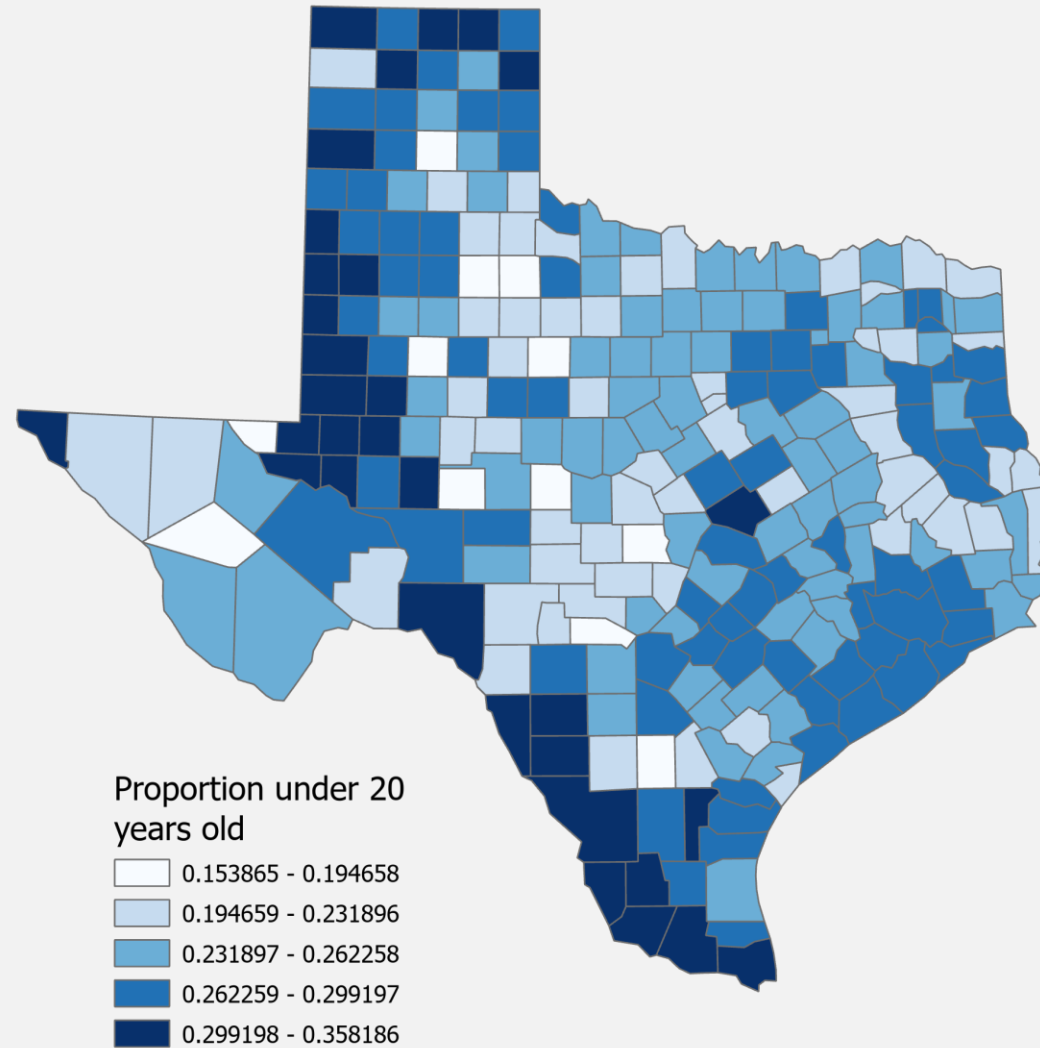
## Texas non-border



## Texas border



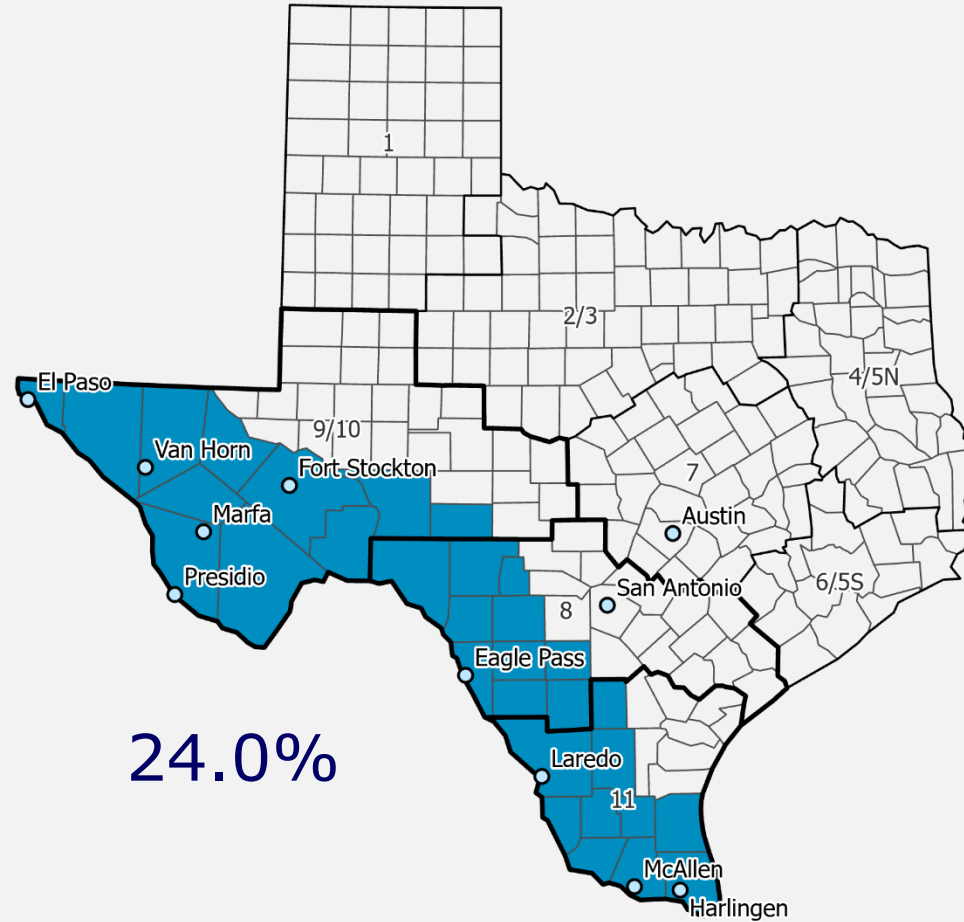
# Proportion of population under age 20 years (2022)



# American Community Survey (ACS)

- U.S. Census Bureau
- Wide variety of population and household characteristics available
- 5-year estimates (2016-20 is most recent available as of June 2022)
- Pooling data from 5 years allows for estimation of measures for small geographic units such as counties and even census tracts

# Percent foreign born (ACS 2020)



16.1%

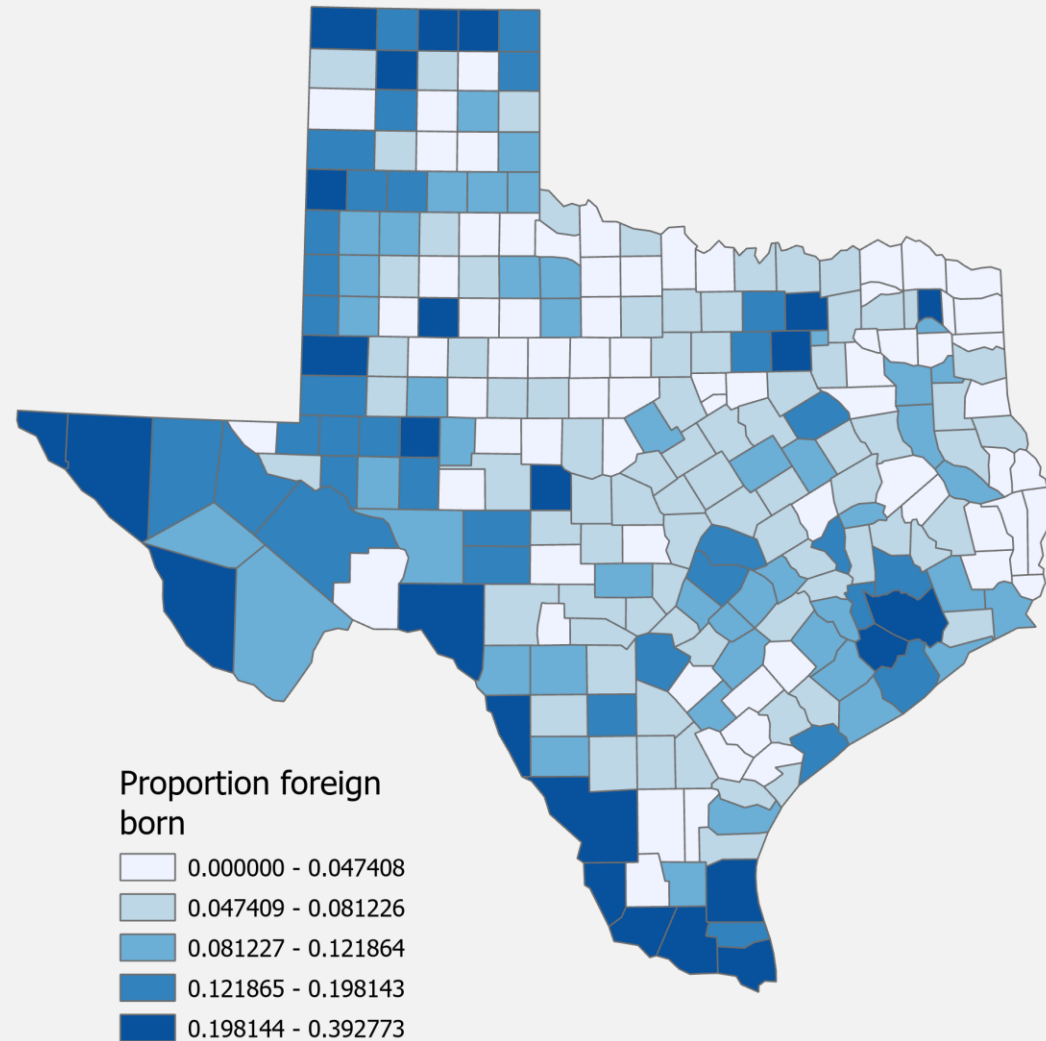
24.0%



27.8%

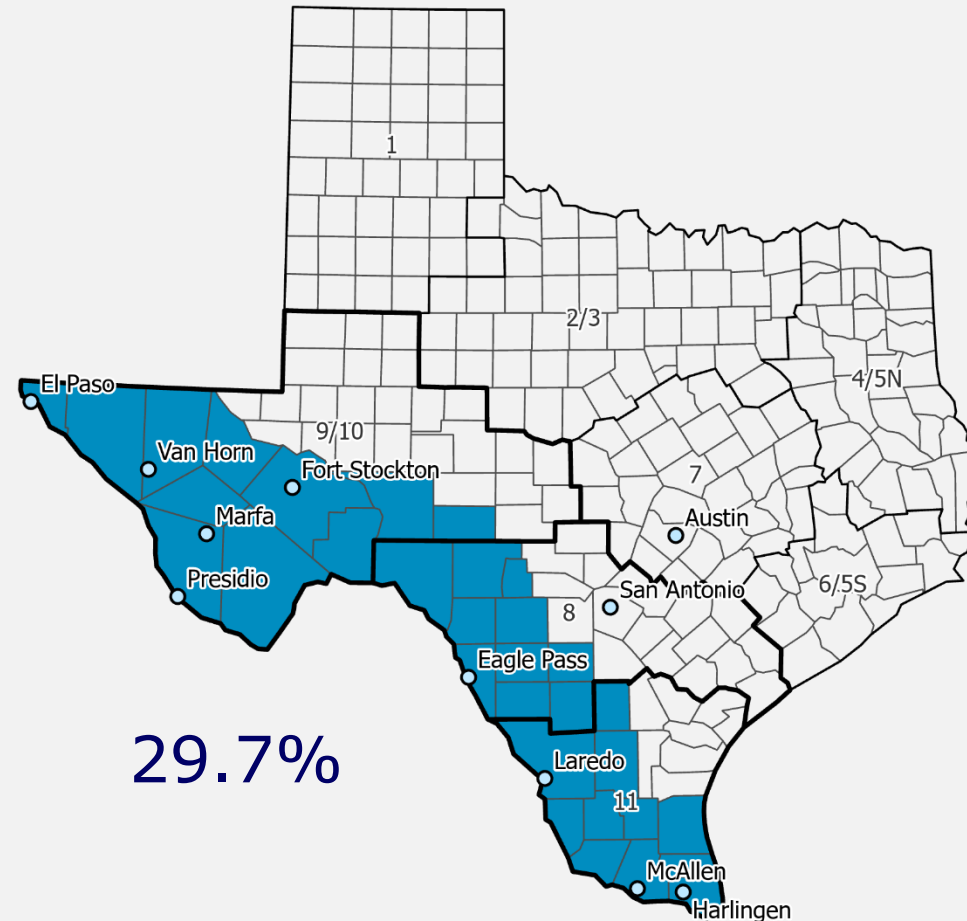
# Proportion foreign born

(ACS 2020)



# Percent (ages 5 and older) who speak English less than “very well”

(ACS 2020)



11.5%

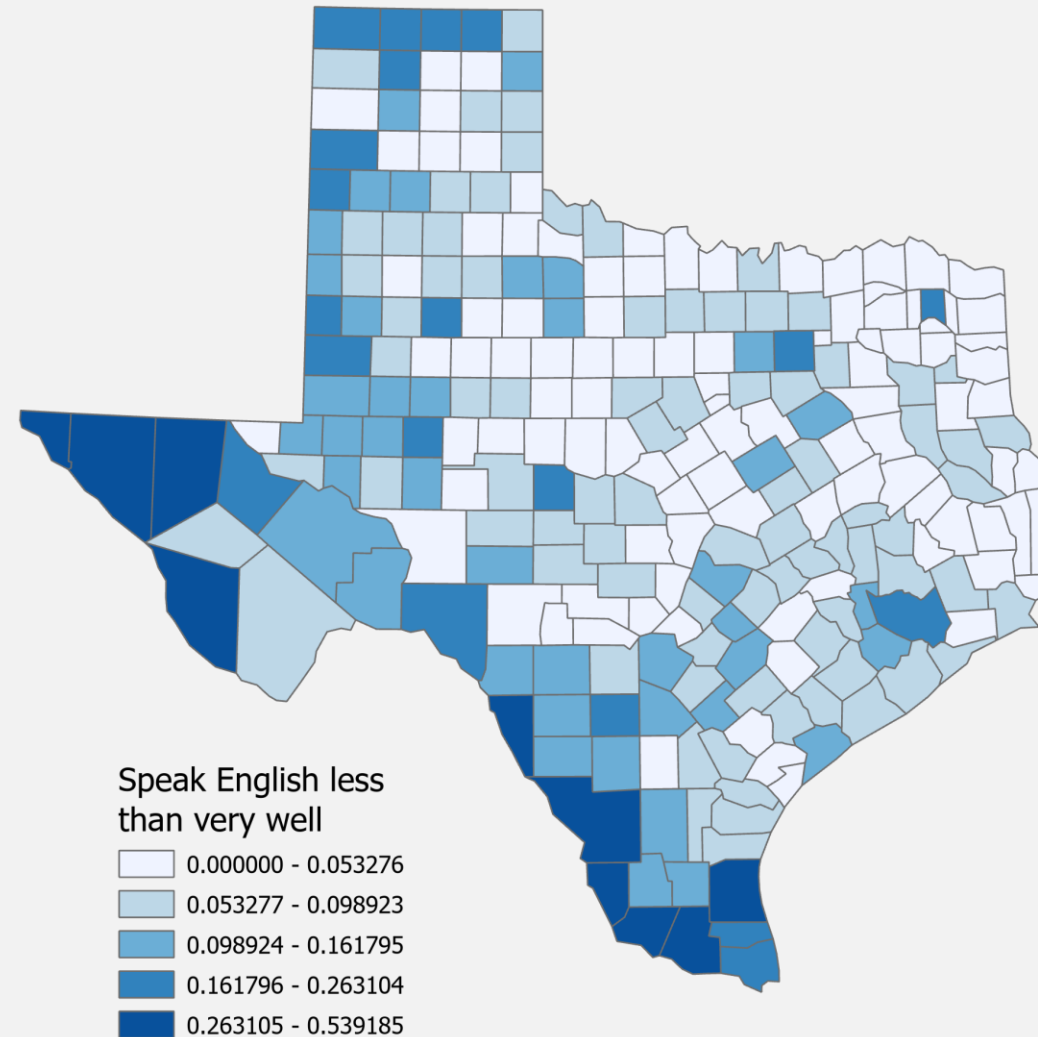


13.3%

29.7%

# Proportion (ages 5 and older) who speak English less than “very well”

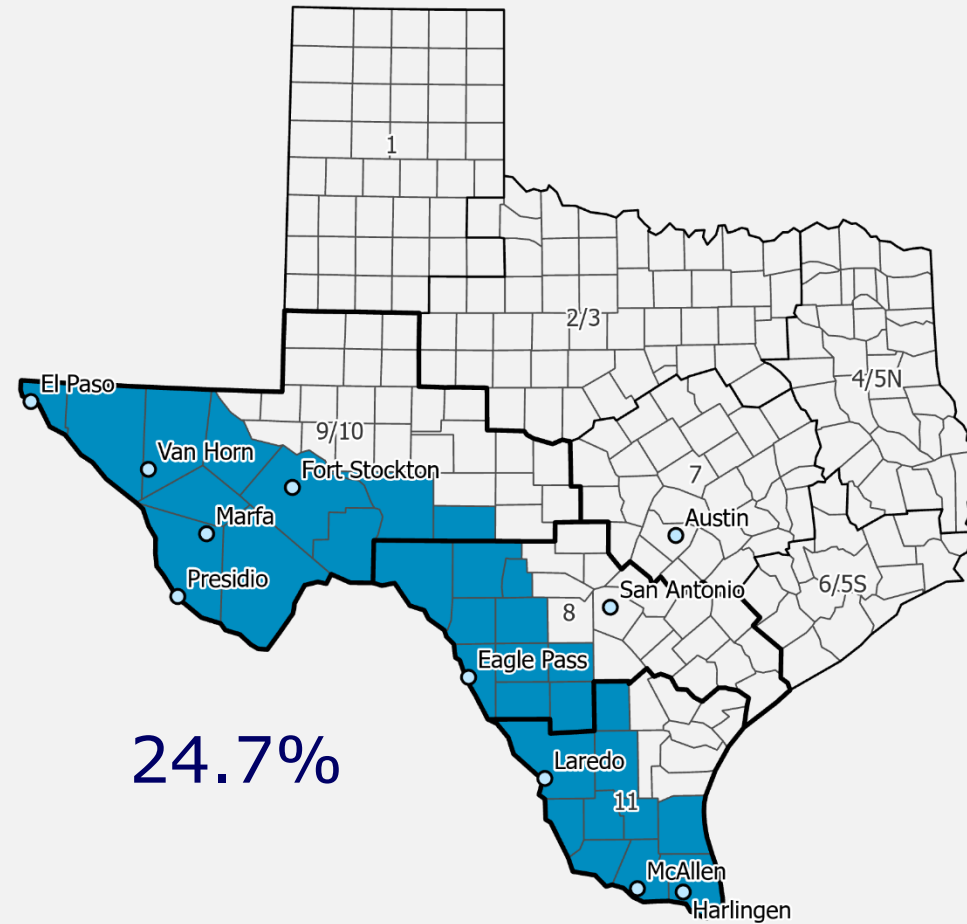
(ACS 2020)





# Percent Below Poverty Level, all ages

(ACS 2020)



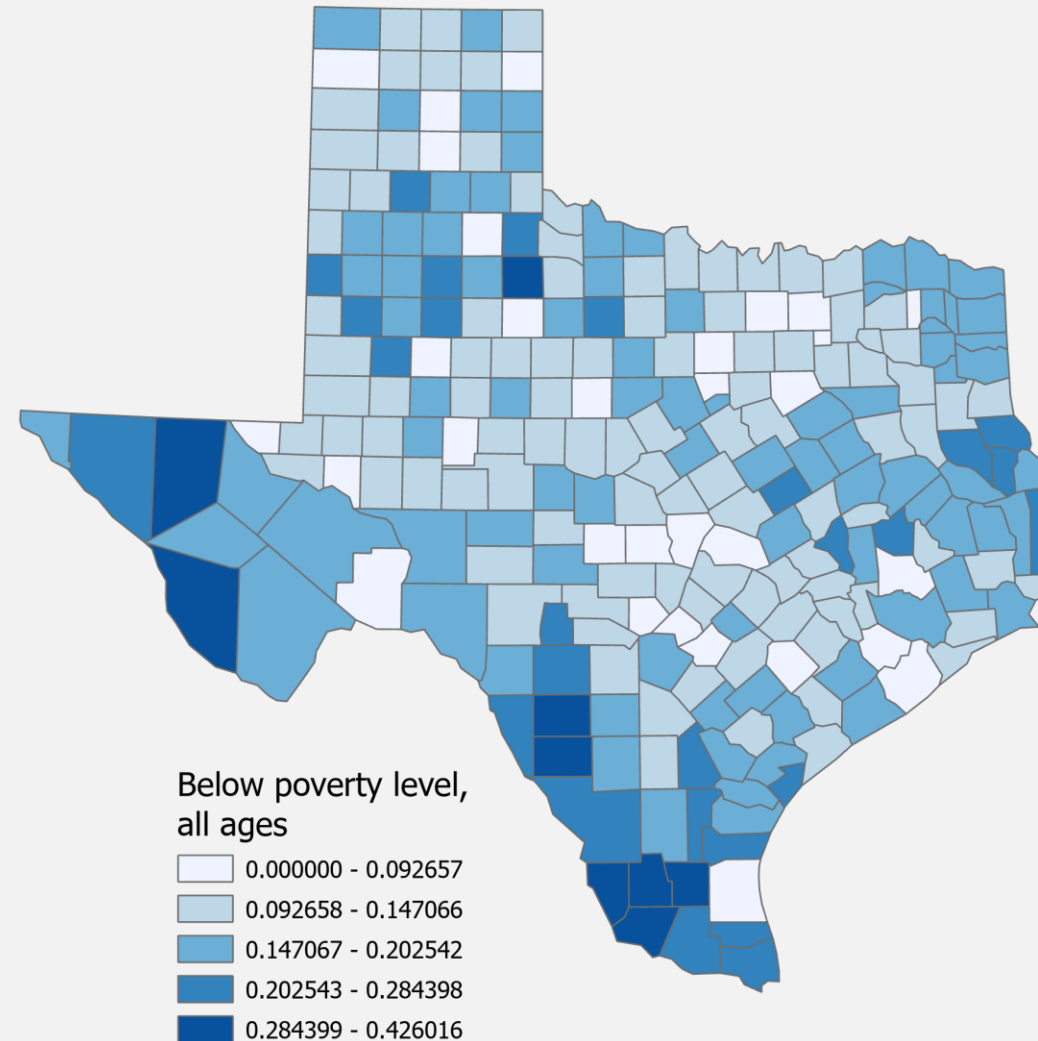
13.1%



14.2%

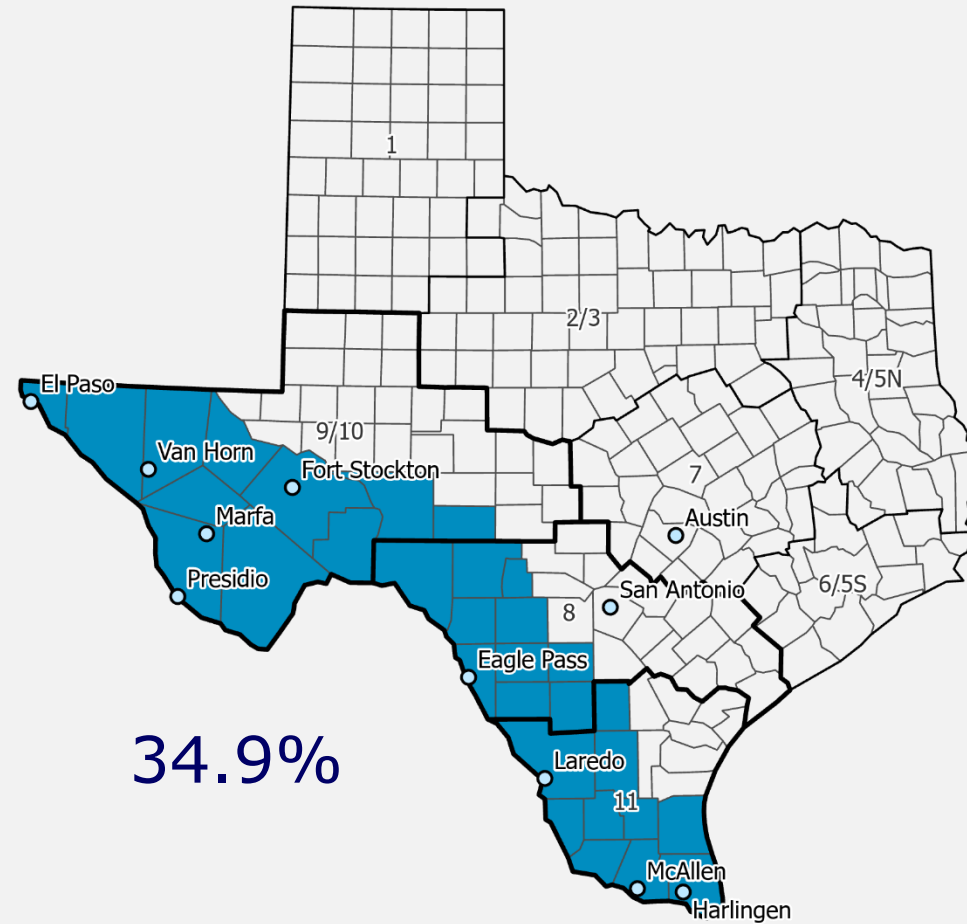
# Percent Below Poverty Level Total Population

(ACS 2020)



# Percent Below Poverty Level, under age 18

(ACS 2020)



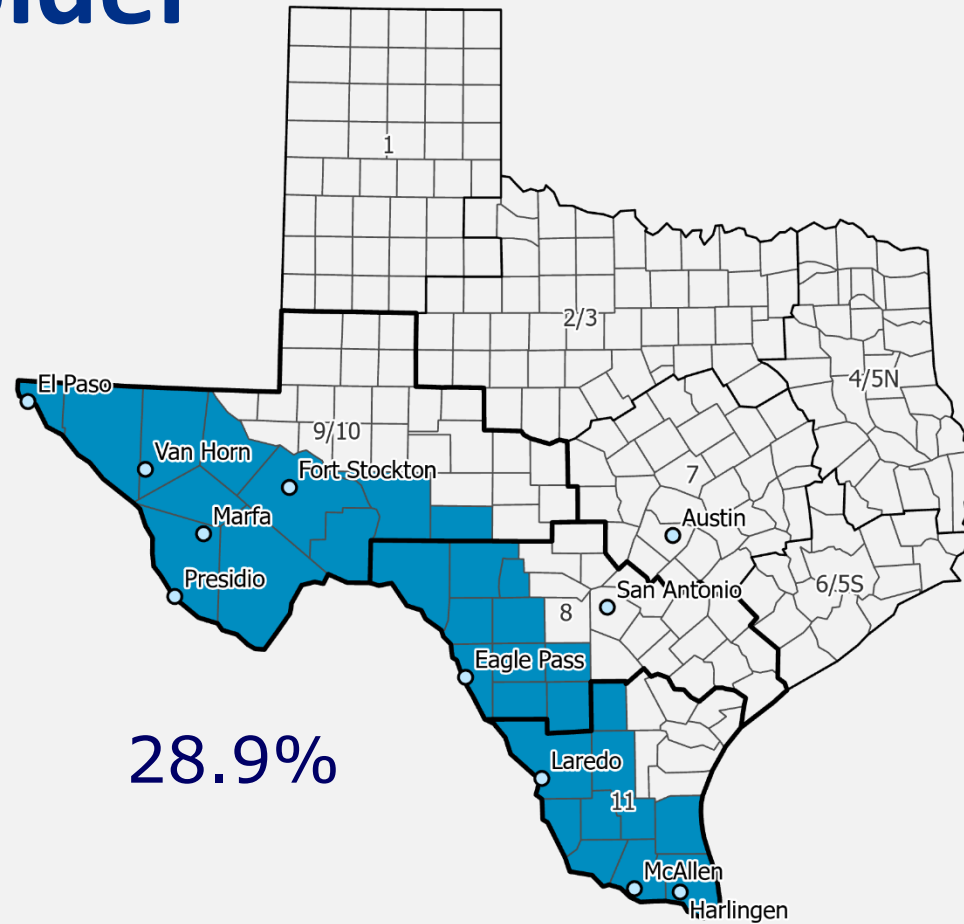
18.2%



20.0%

# Percent with no High School Diploma, ages 25 & older

(ACS 2020)

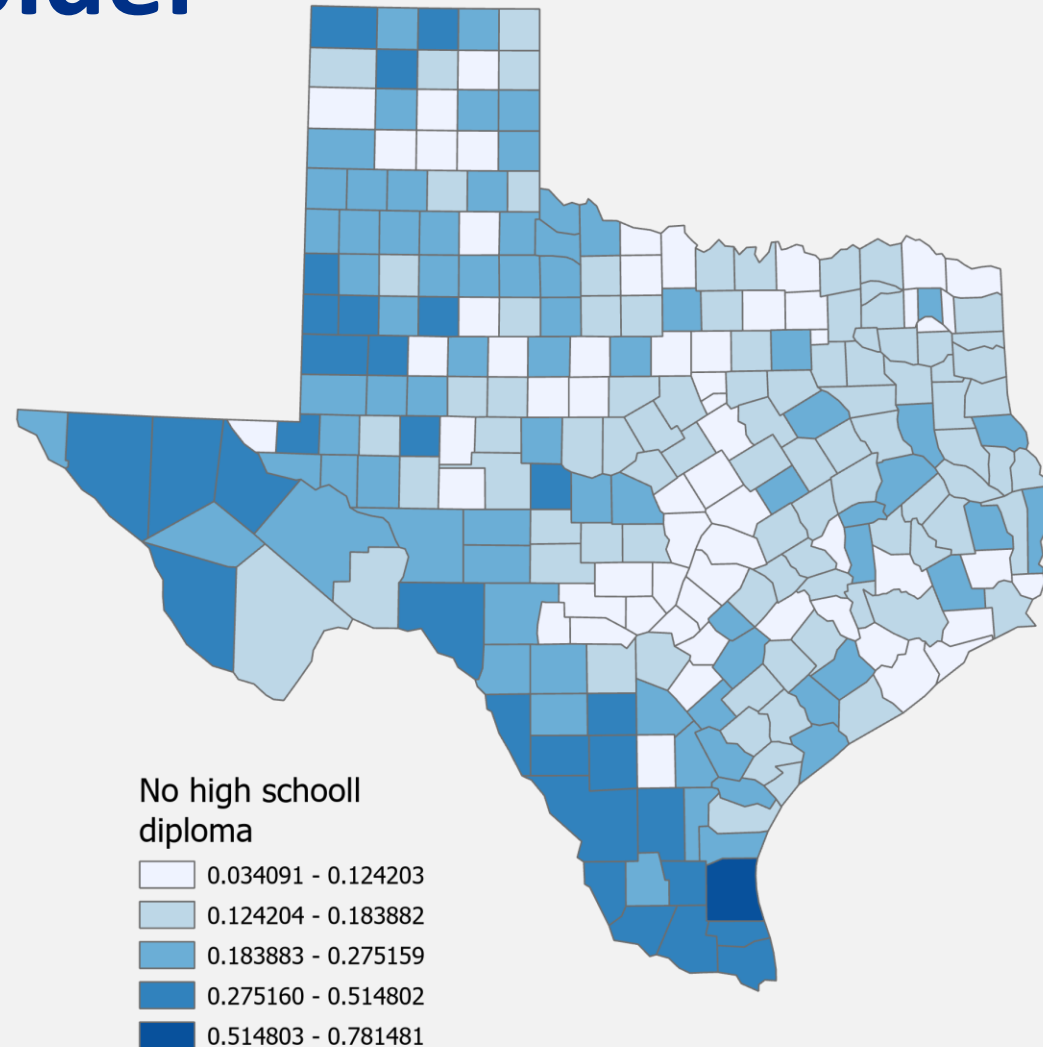


14.3%



15.6%

# Percent with no High School Diploma, ages 25 & older (ACS 2020)



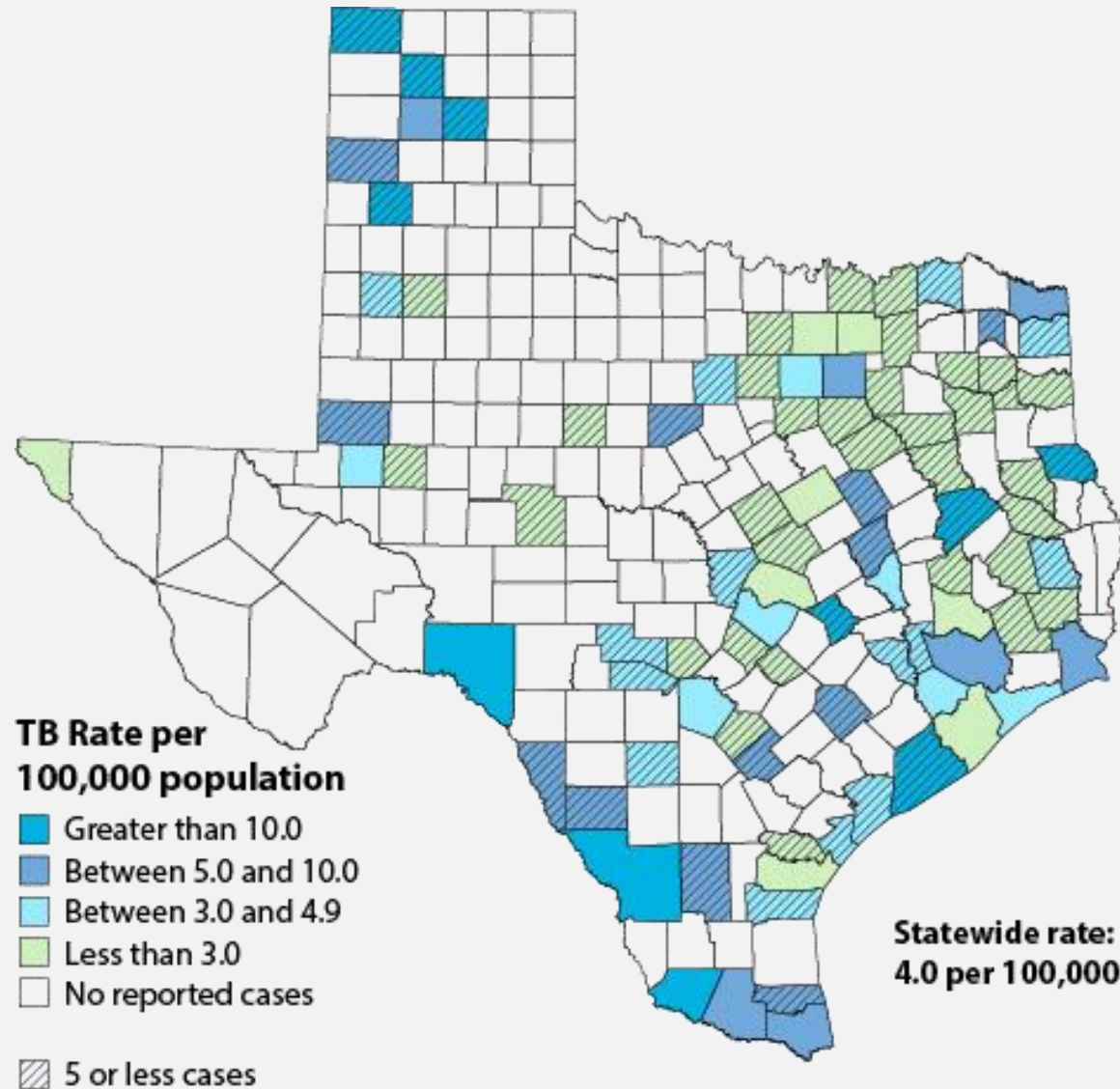
# Communicable Diseases

- Tuberculosis
- HIV
- Vaccine preventable diseases
- Foodborne / waterborne diseases

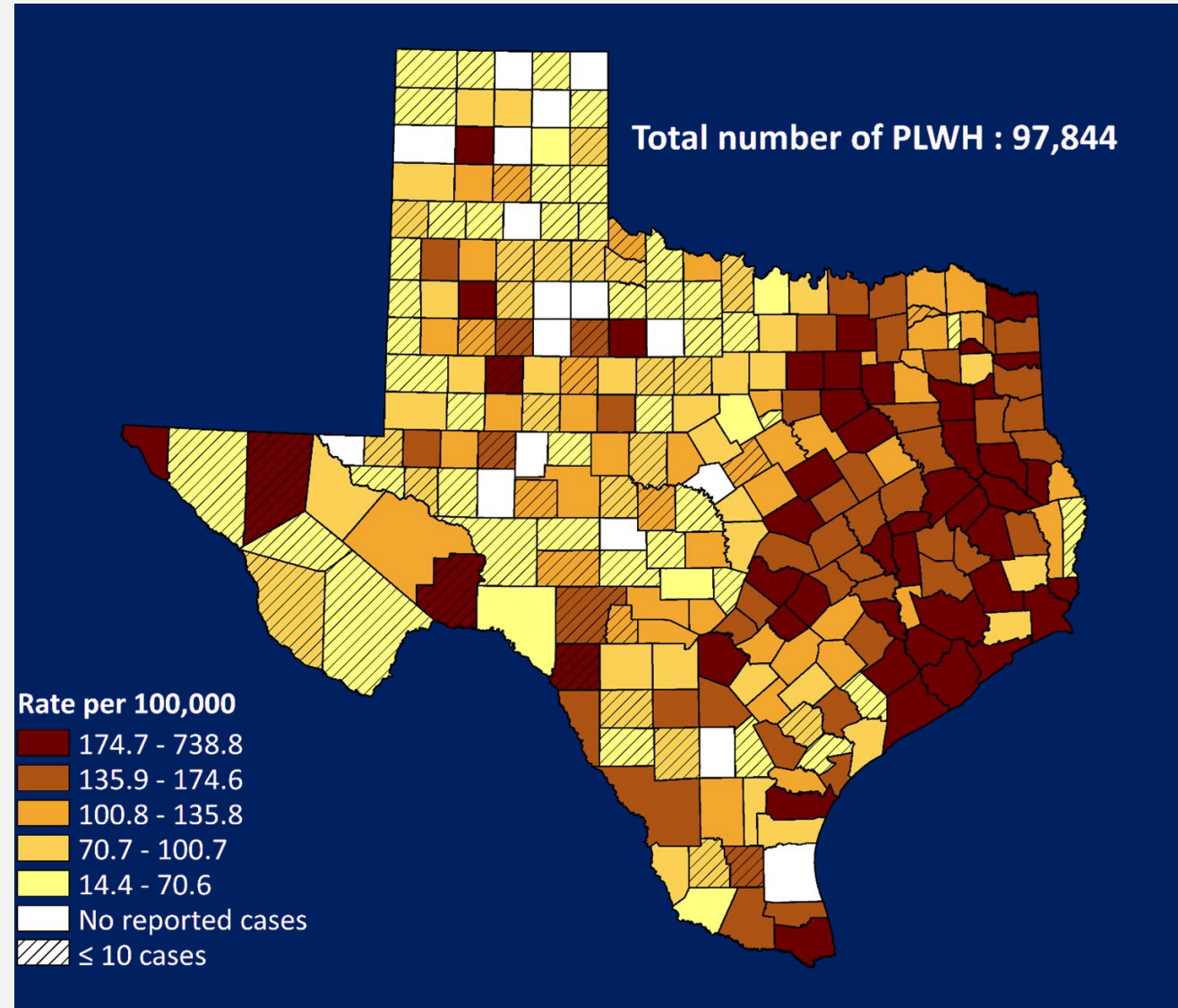


Texas Department of State  
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# Tuberculosis Incidence

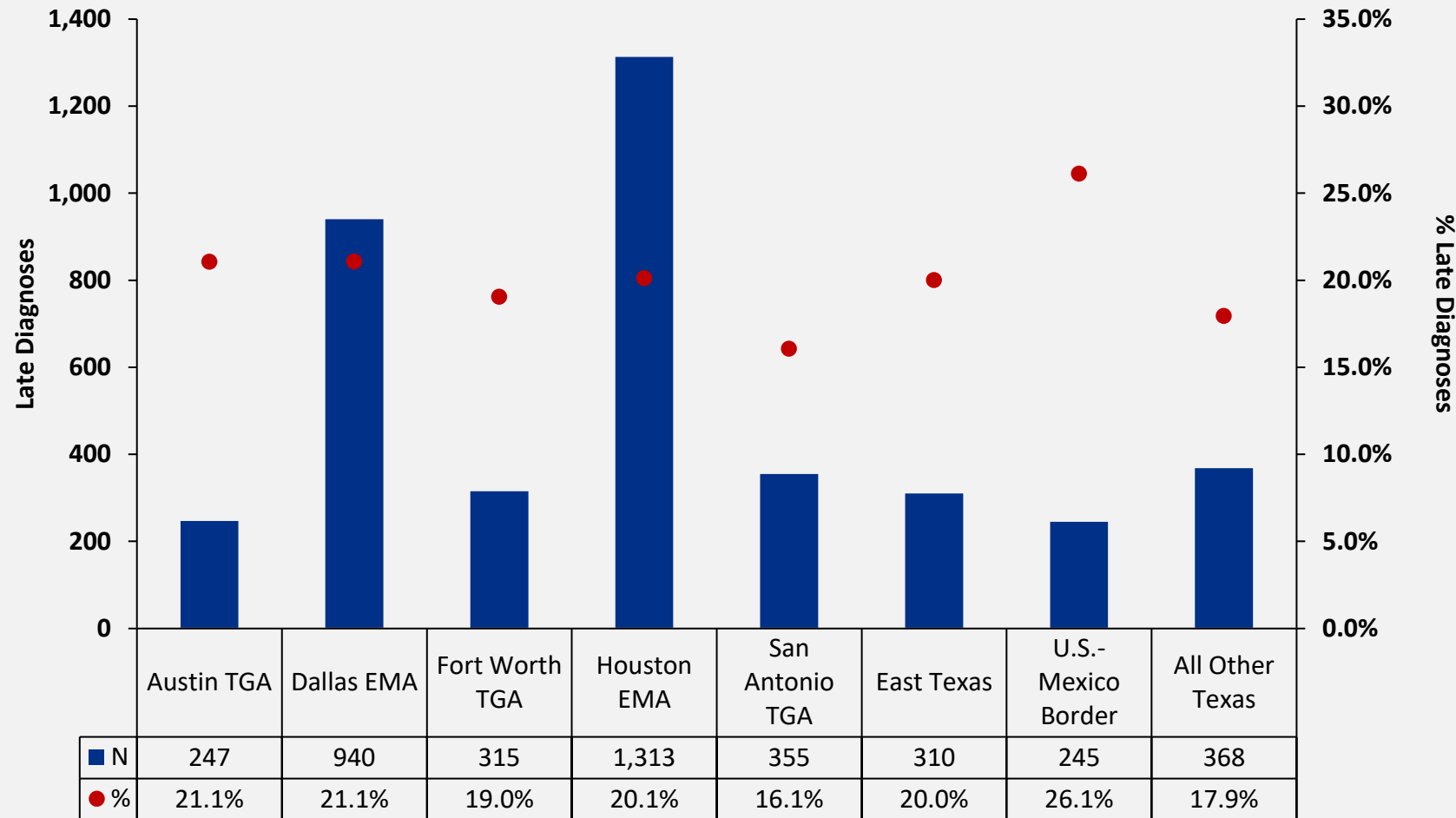


# Rates of People Living with Diagnosed HIV by Texas County, 2019





# Late Diagnoses\* as Percent of Total HIV Diagnoses by EMA/TGA\*\*, 2019



\* Stage 3 (AIDS) diagnosis within 3 months of HIV diagnosis

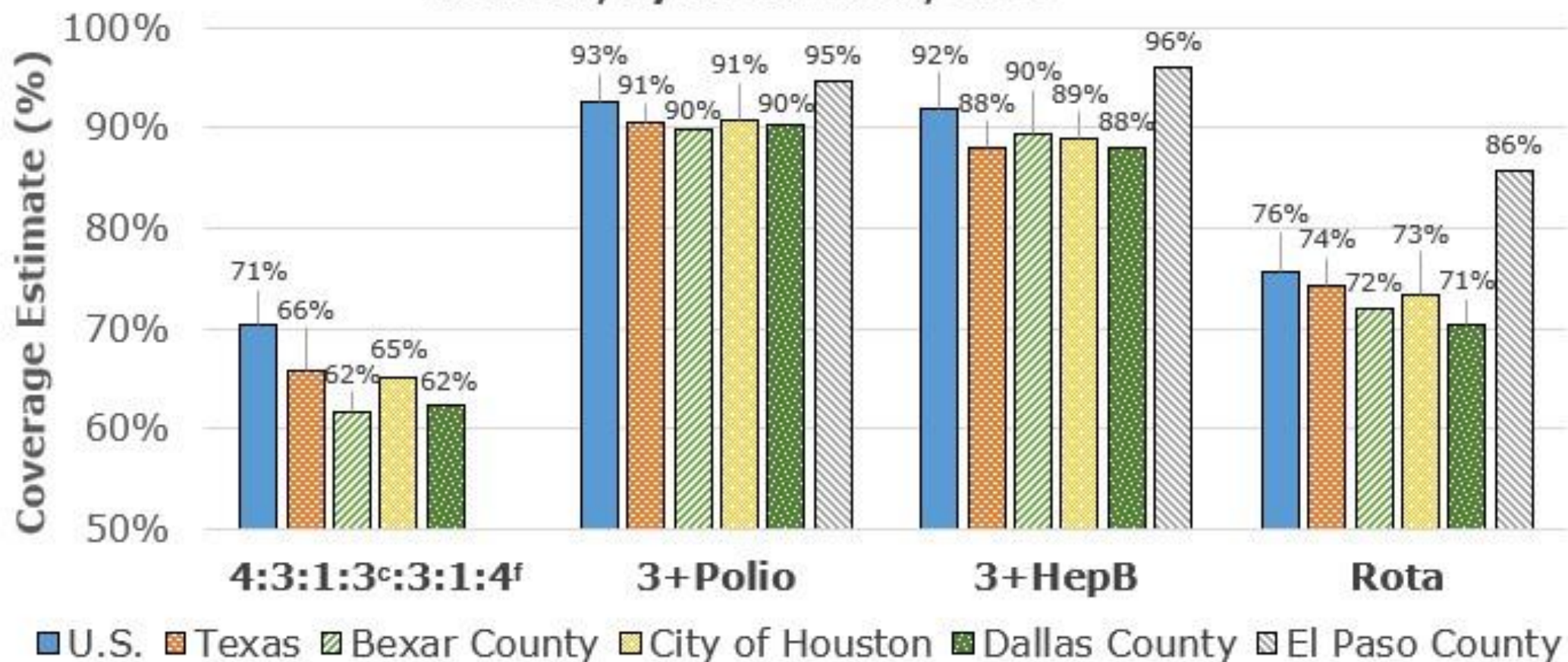
\*\*Eligible Metropolitan Areas (EMAs) and Transitional Grant Areas (TGAs) are metropolitan areas consisting of several counties designated by the Ryan White HIV/AIDS Program for funding purposes

# Vaccine Preventable Diseases

County	Pertussis rate, 2019	Varicella rate, 2019
Cameron	4.9	8.0
El Paso	2.4	-
Hidalgo	10.3	8.2
<b>Texas (state)</b>	<b>4.5</b>	<b>4.4</b>

- indicates that rates are not reported because the relative standard error exceeds 25%  
Rates are cases per 100,000 population

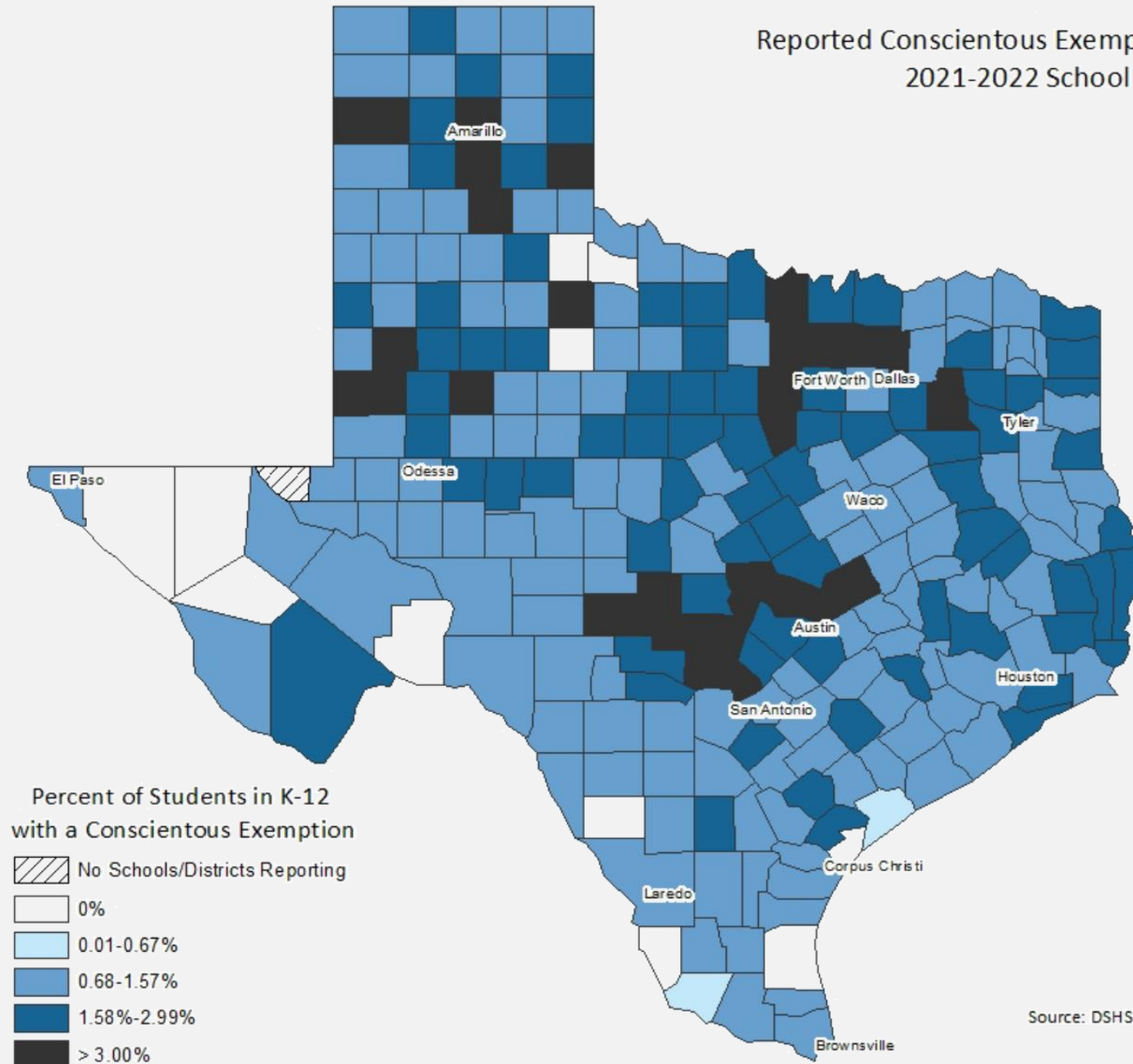
## NIS-Child Immunization Coverage Estimates for Select Vaccines, by Jurisdiction, 2020<sup>a</sup>



# School Vaccination Coverage Levels— Kindergarten, 2021-22

ISD	DTP/DTaP/DT/Td	Hepatitis A	Hepatitis B	MMR	Polio	Varicella
Brownsville ISD	99.4%	99.5%	99.5%	99.4%	99.4%	99.5%
McAllen ISD	97.4%	97.3%	98.8%	98.3%	98.1%	97.6%
Laredo ISD	98.8%	98.1%	99.7%	99.6%	99.4%	99.1%
Eagle Pass ISD	89.7%	92.7%	96.2%	89.0%	89.5%	88.0%
San Felipe-Del Rio CISD	92.6%	95.9%	97.5%	92.8%	93.5%	92.7%
Presidio ISD	98.2%	96.4%	100.0%	96.4%	98.2%	96.4%
El Paso ISD	96.2%	97.9%	96.6%	97.2%	95.8%	97.0%
Austin ISD	91.2%	92.0%	94.9%	92.1%	91.0%	90.2%
Houston ISD	78.3%	85.6%	87.1%	78.8%	78.2%	77.6%
Statewide	93.8%	94.6%	96.0%	94.0%	94.0%	93.6%

Reported Conscientious Exemptions by County,  
2021-2022 School Year



Source: DSHS Immunization Unit, December 2021

# Foodborne/Waterborne Diseases

County	Campylobacteriosis	Cryptosporidiosis	Cyclosporiasis	Salmonellosis	Shigellosis
Cameron	15.3	5.9	10.6	23.7	12.4
El Paso	7.9	2.1	-	13.0	4.4
Hidalgo	65.7	7.9	8.0	45.4	50.8
<b>Texas (state)</b>	<b>18.5</b>	<b>4.3</b>	<b>3.6</b>	<b>19.1</b>	<b>13.8</b>

- indicates that rates are not reported because the relative standard error exceeds 25%  
Rates are cases per 100,000 population, 2019 data

# Thank you!

[Allison.Banicki@dshs.texas.gov](mailto:Allison.Banicki@dshs.texas.gov)

Office of  
**Border**  
**Public Health**