



**COVENANT HOSPITAL LEVELLAND  
LEVELLAND, TX  
Updated 2014 Community Health Needs Assessment\***



\* Aligned with The Patient Protection and Affordable Care Act (Pub. L. 111-148) which added section 501(r) to the Internal Revenue Code. Section 501(r) imposes new requirements on non-profit hospitals. Section 501(r)(3), specifically, requires a hospital organization to conduct a community health needs assessment (CHNA) every three years and adopt an implementation strategy to meet the community health needs identified through such assessment. The CHNA must (1) take into account input from persons who represent the broad interests of the community served by the hospital facility, including those with special knowledge of or expertise in public health and (2) be made widely available to the public. Section 501(r)(3)(B). Covenant Hospital Levelland relied on Notice 2011-52: *Notice and Request for Comments Regarding the Community Health Needs Assessment Requirements for Tax-Exempt Hospitals* to meet the requirements.

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## **MISSION, VISION AND VALUES**

### ***Our Mission***

*To extend the healing ministry of Jesus in the tradition of the Sisters of St. Joseph of Orange by continually improving the health and quality of life of people in the communities we serve.*

### ***Our Vision***

*We bring people together to provide compassionate care, promote health improvement and create healthy communities.*

### ***Our Values***

*The four core values of St. Joseph Health -- Service, Excellence, Dignity and Justice -- are the guiding principles for all we do, shaping our interactions with those whom we are privileged to serve.*

## **INTRODUCTION**

### **Who We Are and Why We Exist**

Covenant Hospital Levelland, a member of Covenant Health (CH) and St. Joseph Health, is located on the High Plains of Texas and serves the industrial, commercial and agricultural needs of a two county area (Hockley County and Cochran County). Each service area county has its own hospital that provides primary and secondary care while most specialty tertiary care services go to Lubbock County. Covenant Hospital Levelland has 48 licensed beds, and over 10 admitting physicians. The hospital has over 1,300 annual patient discharges, and more than 300 annual births. Covenant Hospital Levelland has been designated a Level 4 Trauma Facility. As of March 2013, Covenant Hospital Levelland employs 219 Employees and is the second largest employer in Hockley County.

Covenant Levelland Hospital services include, but are not limited to:

- 24-hour emergency care,
- Outpatient surgery,
- Maternity services,
- Physical therapy,
- Rehabilitation services,
- Clinic and hospital lab services,
- Digital mammography,
- MRI services,
- CAT scans, and
- 3-D ultrasound services.

Covenant Hospital Levelland works in conjunction with Covenant Health Lubbock to provide quality healthcare services for the residents of Hockley and Cochran Counties.

Covenant Health - Covenant Medical Center, located in Lubbock, Texas is a member of St. Joseph Health, sponsored by the St. Joseph Health Ministry, and is the largest health care institution in the West Texas and Eastern New Mexico region, with 4,500 employees and more than 600 admitting physicians.

Covenant Health was created in 1998, through the merger of Lubbock Methodist Hospital System and St. Mary Hospital. Cornerstone facilities in Lubbock include Covenant Medical Center, Covenant Children's Hospital, Covenant Specialty Hospital and Hospice of Lubbock. Covenant Medical Group offers a wide array of primary care and specialists throughout Lubbock, West Texas and New Mexico.

Covenant Health is committed to offering accessible, affordable care to Lubbock's surrounding areas through two leased and 12 affiliated regional hospitals, including Covenant Hospital Levelland and Covenant Hospital Plainview, and Covenant Medical Group, a large employed physician group comprised of approximately 150 primary care and specialist physicians across West Texas and Eastern New Mexico. Additionally, a fleet of four mobile coaches and two ECHO/PV vans travel to take needed health care services to the medically underserved.

## **Overview of Community Health Needs Assessment**

This community needs assessment was developed to assist the Hockley and Cochran community in its deliberations to identify community health needs. The community health needs assessment had two major components. The first was a primary data collection phase in the community conducted through interviews with a cross-section of community representatives and leaders to determine local issues and concerns that affected health and the health of the community. The second phase was the collection and compilation of secondary data from public sources that could be used to define the status of the community's health and well-being. These two segments were combined into a summary that could be used by the Covenant Hospital Levelland leadership to determine priorities and develop plans and strategies to improve community health.

## **ORGANIZATIONAL COMMITMENT**

### **Community Benefit Governance and Management Structure**

Covenant Hospital Levelland staff worked with community Members, local Physicians, Hospital Advisory Board Members, Levelland Independent School District administration and Local Health Care Professionals to determine Community Benefit Priorities. Local county and state demographics were also reviewed during the process. After reviewing many healthcare community needs, the list was narrowed to three Community Benefit Priorities.

**The role of the Covenant Hospital Levelland Board of Trustee is to do the following:**

- Review all Community Benefit expenditures annually.
- Review and approve program design to assure that it best meets the needs of the population served.
- Ensure that Community Benefit programs target the populations with the greatest disproportionate unmet health related needs in the Covenant Hospital Levelland service area.
- Review and recommend programs for continuation/discontinuation annually.
- Identify potential sources and partnerships for Community Benefit programs.
- Assure effective communication and engagement of diverse stakeholders in Community Benefit planning and implementation.

Covenant Health’s strategic plan is designed around the vision statement: “Our Covenant is to be one of the premier Texas Healthcare Systems by 2015, known for our Clinical Excellence, Christian Service, and Commitment to Healthy Communities”. The Healthiest Communities strategic initiative is to promote wellness and health improvement in the community.

## **Community**

### **Description of Community Served**

Our FY 14 Community Benefit Service Area (CBSA) addresses populations within both our primary service areas and secondary service areas. The assessment looked at both ZIP Codes and county-based populations, but defined the Community Benefit Service Area (CBSA) on a county basis in order to capture needs of surrounding areas.

**Primary CBSA:** Hockley County (ZIP Codes 79336, 79358, 79353, 79313)

**Secondary CBSA:** Cochran County (ZIP Codes 79379 and 79346)

The following additional geographic analysis was conducted to get an understanding of the geographic needs in the West Texas service area.

### **Community Need Index**

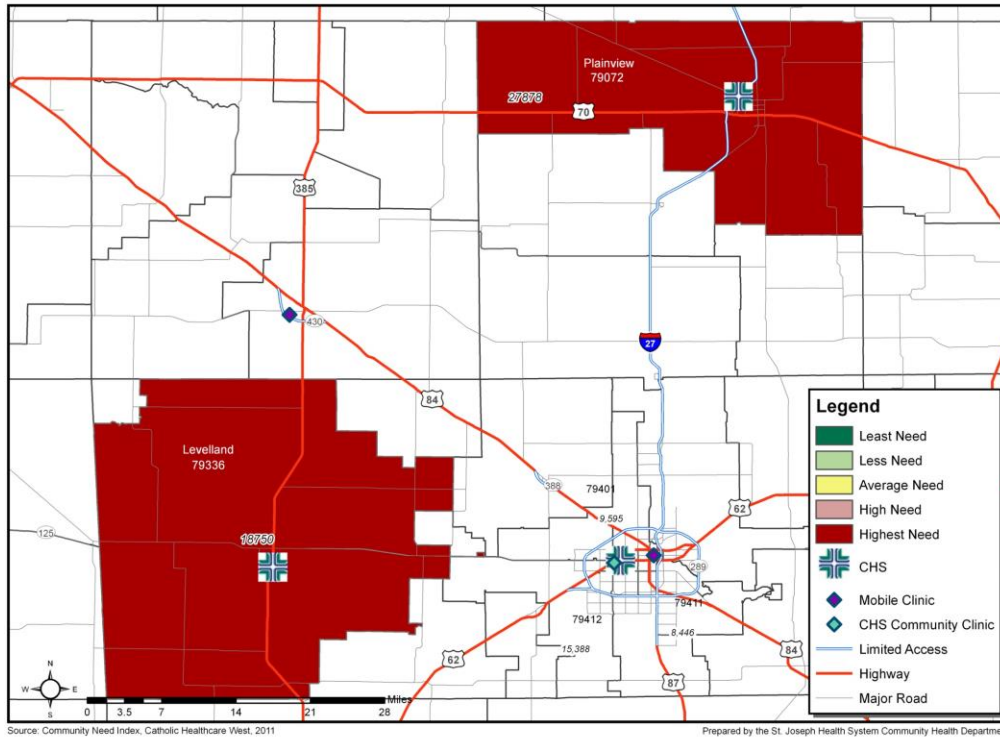
- Developed by Dignity Health (formerly Catholic Healthcare West (CHW)) and Solucient (an information products company)
- Aggregates five socioeconomic indicators that contribute to health disparity (also known as barriers)
- Barriers
  - Income
    - Elder poverty, child poverty and single parent poverty

- ❑ Culture
    - Non-Caucasian Limited English
  - ❑ Education
    - Without HS diploma
  - ❑ Insurance
    - Unemployed and uninsured
  - ❑ Housing
    - Renting percentage
- ❑ CNI demonstrates need at the zip-code level where each zip is assigned a score from 1 (low need) to 5 (high need) for each barrier
- ❑ For barriers with more than one measure, the average of the measures is used as the barrier score
  - ❑ Once each zip code is assigned a score from 1 to 5 for each of the five barriers, the average score was calculated to yield the CNI
- ❑ Color-Coded Maps
- ❑ Red- Highest Need (CNI scores: 4.2-5)
  - ❑ Pink- High Need (CNI scores: 3.4-4.1)
  - ❑ Yellow- Average Need (CNI scores: 2.6-3.3)
  - ❑ Light Green- Less Need (CNI Scores: 1.8-2.5)
  - ❑ Dark Green- Least Need (CNI Scores: 1-1.7)

The intent of the Community Need Index (CNI) is to indicate areas of lesser and greater need; however, in the case of the Levelland service area the need is great all across the area (indicated in red). Like many rural areas the Community Need Index suggests a high need all across the service area.

This index suggests that the majority of the targeted zip codes in our primary CBSA and in our secondary CBSA fall into the highest need categories. Many of these communities are Medically Underserved Areas (MUA's) or Persistent Poverty Areas (PPA's) or both. The community need index shows a high level of need all across Hockley and Cochran Counties and all of the counties in the area. Rural areas tend to have much higher need index than urban areas and this appears to be true in the Levelland area.

### Plainview and Levelland Need



### Disproportionate Unmet Health Need Group and Key Community Needs and Assets Summary

Communities with Disproportionate Unmet Health Needs (DUHN) are communities defined by zip codes and census tracts where there is a higher prevalence or severity for a particular health concern than the general population within Covenant Hospital Levelland’s Service Area.



DUHN Population Group or Community	Key Community Needs	Key Community Assets
<p><b>Primary CBSA:</b> Hockley County (ZIP Codes 79336, 9358, 79353, 79313)</p> <p><b>Secondary CBSA:</b> Cochran County (ZIP Codes 79379 and 79346)</p>	<p><i>Hockley and Cochran Counties' per capita income (\$20,255 and \$16,018, respectively) is significantly lower than the state (\$24,870) and the U.S. (\$27,334)</i></p> <p><i>The percentage of individuals whose primary language is Spanish and who speak English less than very well are comparable to Texas (43.4%) and the U.S. average (46.1%)</i></p> <p><i>The percentage of children below poverty level in Hockley County is 22% and 42.7% in Cochran County compared to 23.8% in Texas and 19.2% in the U.S.</i></p> <p><i>The percentage of aged 65+ below the poverty level is 18.1% in Hockley County and 6.9% in Cochran County while that of the state is 11.6% and 9.5% in the U.S.</i></p>	<ul style="list-style-type: none"> <li>• <i>2 Rural Hospitals and Covenant Medical Group and South Plains Rural Health Services, Inc. Clinics</i></li> <li>• <i>Texas Agri-life extension agent services</i></li> <li>• <i>Congregations</i></li> <li>• <i>Public schools (School Health Advisory Councils (SHACs))</i></li> <li>• <i>Community groups with some outreach and mobile services are provided locally by agencies, hospitals (including Covenant Health) and non-profit organizations based out of Lubbock</i></li> </ul>

**METHODOLOGY  
ANALYTIC METHODS**

The following section below outlines the methodology followed to conduct the community health needs and assets assessment.

The community needs assessment was developed to assist the community in its deliberations to identify health priorities and issues. The community needs assessment had two major components. The first was a primary data collection phase in the community through conducted through interviews (conducted February and April) with a cross-section of

community representatives and leaders to determine local issues and concerns that affected health and the health of the community.

The second phase was the collection and compilation of secondary data from public sources that could be used to define the status of the community's health and well-being. These two segments were combined into a summary that could be used by Covenant Hospital Levelland leadership to determine priorities and develop plans and strategies to improve community health. A list of the types of data reviewed is provided below. This CHNA relied heavily on data compiled by CHNA.org.

- Reviewed data from 2000 to 2010
  - U.S. Census Data, 2000 to 2010
  - American Community Survey 2006 to 10
- All medical services and physician characteristics
  - Texas Medical Examiners Database, Physicians Assistants and Nurse Practitioners
  - Texas Department of State Health Services
  - Texas Health Care Information Council data
  - Local Sources
    - *Hockley County Chamber of Commerce and Office of Economic Development, hospital plans and documents, county documents, Texas Agri-life extension agent services brochures and information, and local telephone books.*
- Reviewed a number of utilization indicators
  - Texas Health Care Information Collection (THCIC)
    - Births
  - Texas Workforce Commission, <http://www.twc.state.tx.us/customers/bemp/labor-market-information.html>
  - County Health Rankings, [www.countyhealthrankings.org](http://www.countyhealthrankings.org)
  - Health Resources and Service Administration, <http://datawarehouse.hrsa.gov/Quickaccessmaps.aspx>
  - CHNA.org, (<http://www.chna.org>) was a core source of data in this analyses
  - Covenant Medical Center, Covenant Health's Community Needs and Assets Assessment Report
  - Texas Health and Human Services Commission, <http://www.hhsc.state.tx.us/>
  - AHA, Association for Community Health Improvement (ACHI)
  - UDS Mapper, <http://www.udsmapper.org/>
  - Texas Department of State Health Services
    - Center for Health Statistics, <http://www.dshs.state.tx.us/chs/>
    - Texas Chronic Disease Burden Report
    - Health Facts Profiles

- Texas AgriLife Extension Service,  
<http://agriflifeextension.tamu.edu/extresources/resources/>
- Facility indicators, i.e. ALOS, etc. from the Texas Annual Hospital Survey 2008 & 2009
- For the purposes of this study admissions and discharges will be assumed to be the same
- The most recent public data available was utilized wherever possible

## **PRIORITIZATION PROCESS AND CRITERIA**

### **Community needs and assets assessment process**

Identification of priority health issues for the broader community and economically poor in the primary service area was developed through community interviews, focusing on the health issues of concern to the local community. These interviews identified issues and needs for which there are no adequate resources (assets) in place by other providers to address those needs. Information from the interviews was used to select priority health issues and initiatives for Covenant Hospital Levelland for **FY 14 CB Plan/Implementation Strategies Report**.

### **Secondary Data Collection and Analysis**

The demographic data for the service area were summarized through a contract with Greg Eastin, *Foresite Consulting*, to collect available secondary data, gather, summarize, and document key health issues based on criteria (information to describe the service area and identify health needs and risks to the community) and prepare a summary report for use in primary data collection and interviews describing key health issues.

### **Select priorities for FY 14 CB Plan/Implementation Strategies Report**

The Covenant Hospital Levelland staff, reviewed results of numerous interviews with Community Leaders, interviews with Levelland ISD Administration, and hospital leadership. In conjunction with the CH Community Health Outreach Department, Covenant Hospital Levelland staff considered options, identified additional questions, and developed recommendations.

The prioritization criteria used was as follows:

- Burden,
- Scope,
- Severity, or urgency of health needs
- The estimated feasibility and effectiveness of possible interventions,
- The health disparities associated with the needs, and/or
- The importance the community places on the need.

### **Develop a plan for each priority**

Staff engaged groups of consumers and residents through focus groups, surveys, and interviews to gather their perspective on needed approaches, strengths/weaknesses of current approaches, etc. Staff reviewed evidence about effective approaches to impacting the proposed outcomes and identified key strategies and activities.

## **INFORMATION GAPS**

Demographic and health data are not available at the city or zip code level for Levelland and the surrounding areas. Furthermore, as is the case for dental health, lack of available data points to the need for more focused data collection in rural counties to understand the extent of oral health issues among other health indicators.

## **COLLABORATING ORGANIZATIONS**

This Community Health Needs Assessment was funded by Covenant Hospital Levelland.

## **PRIMARY DATA**

### **Community Interview Summary**

During the community interviews, the consultant (Mr. Greg Eastin) provided an introduction and background for the study and process. He discussed the changes taking place in healthcare and the need for more community input and involvement. He asked the respondents four general questions and then followed up with more detailed questions as necessary to get the maximum participation from each group. In most cases the respondents were very interested and willing to provide detailed information without prompting. The four initial questions were:

- What is your perception of medical care in the community?
- What kind of healthcare problems do you see in the community?
- Are there community issues that need to be addressed?
- Is health insurance coverage an issue?

The hospital's community assessment engaged a broad spectrum of the community – a complete list is attached in the appendices.

- Physicians and mid-level providers
- Public health representatives
- Other medical care representatives
- Civic leaders (city, county, associations)
- Business and principle industry leaders
- Managed care representatives
- Representatives of all significant socio-economic, racial and ethnic groups

## **Health Issues Identified by the Community Interviews**

- Access to medical care was identified as a major issue for both primary and specialty services by residents and the provider community.
- Obesity is higher in both service area counties than the state and nation. Both national and regional data suggest this is a significant problem for children in the area and the community was very concerned about the issue.
- Lack of access to preventive care – Residents in the interviews, especially in the Hispanic community, indicated that diabetes and other chronic diseases such as obesity were a major health problem and concern and that education and training was limited and of interest not just to patients, but families with one or more patients in the community.
- Dental health is also a major concern being one of the leading causes of health problems among children. Although the local data is limited, the state has raised its standards for regular dental checkups, but only 6.2% of Hockley County Medicaid children meet the standard.
- Access to all medical services was limited due to insurance availability.
- Lack of transportation to health and human services- A number of residents and providers noted the lack of transportation as a barrier to access in the community.
- Diabetes and chronic disease education was identified as a need.
- Nutrition, healthy eating, and fitness education opportunities were identified as a need.
- Secondary data analyses pointed the issues of racial/ethnic disparities in cancer mortality rates, higher rates of heart disease mortality, stroke mortality, suicide, teen pregnancy and linguistic isolation when compared to the state of Texas and the U.S.

A series of community meetings were scheduled with local business leaders, residents and medical personnel to get input on local needs and concerns. Interviews were conducted between February and November 2012. *See Appendix A and Appendix B for summary.*

## **SECONDARY DATA**

The demographic data for the service area were summarized through a contract with Mr. Greg Eastin, *Foresite Consulting*, to collect available secondary data, gather, summarize, and document key health issues, based on criteria, and prepare a summary report for use in primary data collection, and interviews describing key health issues.

As previously mentioned, Covenant Hospital Levelland's service area includes the counties of Cochran and Hockley. The following counties are adjacent counties to Covenant Hospital Levelland: Lamb County (north), Lubbock County (east), Terry County (south) and Cochran County (west).

**Primary CBSA:** Hockley County (ZIP Codes 79336, 79358, 79353, 79313)

**Secondary CBSA:** Cochran County (ZIP Codes 79379 and 79346)

## **Population Distribution within Hockley and Cochran Counties 2010**

- The majority of the Hockley County population is located in the central part of the county around Levelland and southwest to Sundown. The city of Morton, in Cochran County, has the second largest population in the service area and is the county seat of Cochran County. The population in the east may be growing, but is more oriented to Lubbock.

The cities and towns within Hockley County include Anton, Levelland, Opdyke West, Oklahoma Flat, Pep, Pettit, Roundup, Ropesville, Smyer, Sundown, and Whitharral.

Levelland, Texas accounted for 76% of Covenant Hospital Levelland’s service area population.

Footnote: The community of Smyer is located in the eastern Hockley County near the Lubbock County line but the majority of patients was admitted to Lubbock County facilities and is included in a Lubbock ZIP Code. The community of Whitharral is similarly located close to Littlefield and is included in that ZIP Code. Morton is the county seat of Cochran and is included in the service area because the Levelland hospital receives most of the admissions from this community and the county.

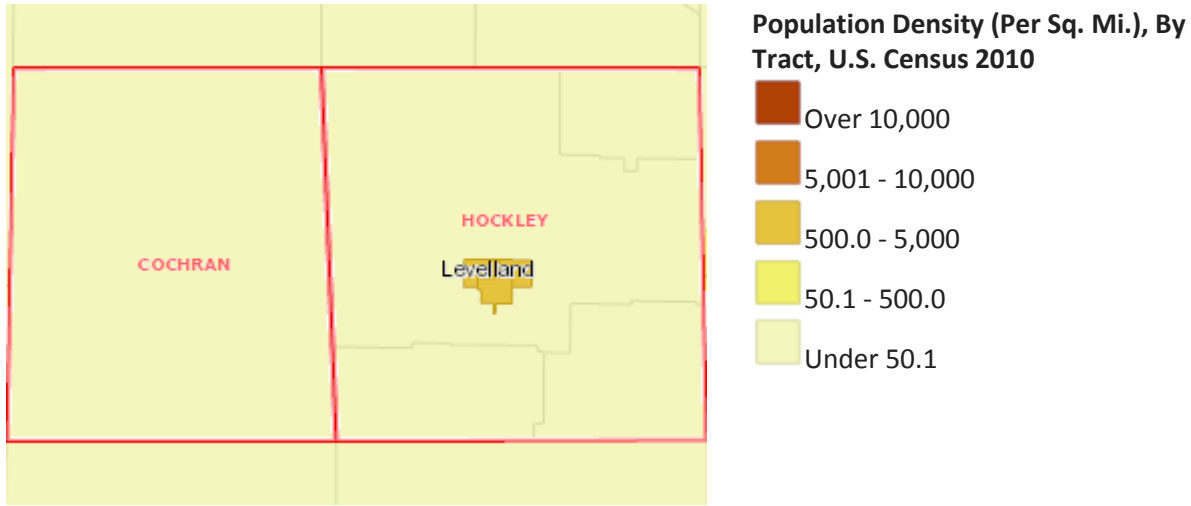
- The majority of the population is located in the central part of Hockley County around Levelland and southwest to Sundown. The city of Morton in Cochran County has the second largest population in the service area. The population in the east may be growing, but is more oriented to Lubbock.
- 76% of the service area population is located in the city of Levelland with the remaining 13% residing in Cochran County.

**Total Population (Hockley and Cochran County as compared to Texas and United States)**

Hockley County has a population that is much larger than Cochran County. When compared to population density in the state of Texas and the U.S., this information provides context to the rural characteristics of both counties. **The majority of the population is located in the City of Levelland as indicated in map below.**

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Report Area	26,088	1,683.54	15.50
Cochran County	3,155	775.15	4.07
Hockley County	22,933	908.39	25.25
Texas	24,311,892	261,231.70	93.07
United States	303,965,271	3,531,905.50	86.06

Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.



**Change in Total Population**

This indicator reports the percent difference in population counts from the 2000 Census population estimate to the 2010 Census population estimate. This indicator is relevant because a positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources. **Cochran County reports a sixteen percent decline in population as compared to increases in Texas and U.S. The percent change in population in Hockley County is significantly smaller than the percent change in all of Texas and the U.S. indicating a stabilizing population size.**

Report Area	Total Population, 2010 Census	Total Population, 2000 Census	Percent Change from 2000-2010 Census
Report Area	26,062	26,446	-1.45%
Cochran County	3,127	3,730	-16.17%
Hockley County	22,935	22,716	0.96%
Texas	25,145,561	20,851,820	20.59%
United States	308,745,538	281,421,906	9.71%

*Note: No breakout data available.*

*Data Source: [U.S. Census Bureau, 2000 Census of Population and Housing, Summary File 1](#); [U.S. Census Bureau, 2010 Census of Population and Housing, Summary File 1](#). Source geography: County.*

**Total Population, Percent by Race Alone**

The majority of both Hockley and Cochran residents are White, followed by Some Other Race and Black.

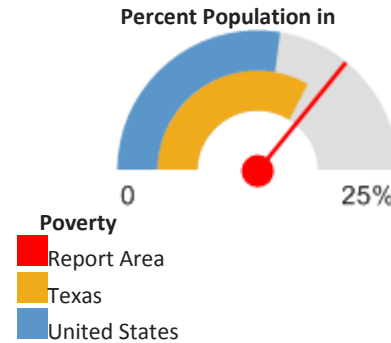
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	82.72%	3.53%	0.40%	0.46%	0%	10.53%	2.35%
Cochran County	74.33%	5.80%	0%	2.12%	0%	15.85%	1.90%
Hockley County	83.87%	3.22%	0.45%	0.24%	0%	9.80%	2.42%
Texas	72%	11.78%	3.72%	0.49%	0.08%	9.92%	2.01%
United States	73.99%	12.49%	4.67%	0.82%	0.16%	5.46%	2.41%

**Economic Indicators**

**Population Below 100% of Poverty Level**

Poverty is considered a *key driver* of health status. According to CHNA.org, this indicator reports the percentage of the population living below 100% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status. **Both Cochran and Hockley County have a larger percentage of residents living in poverty, when compared to Texas and the U.S.**

Report Area	Total Population (For Whom Poverty Status is Determined)	Total Population in Poverty	Percent Population in Poverty
Report Area	24,769	4,447	<b>17.95%</b>
Cochran County	3,017	752	<b>24.93%</b>
Hockley County	21,752	3,695	<b>16.99%</b>
Texas	23,707,680	3,972,054	16.75%
United States	296,141,152	40,917,512	13.82%



Note: This indicator is compared with the state average.

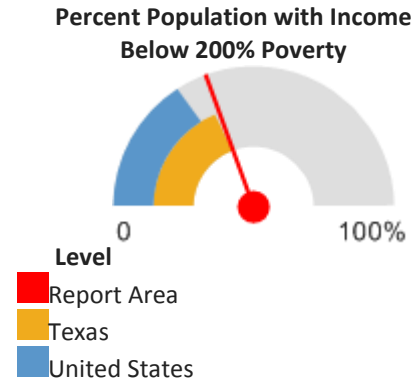
Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.



**Population Below 200% of Poverty Level**

This indicator reports the percentage of the population living under 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status. **Cochran County has more than half of its population living under 200% of the Federal Poverty Level and Hockley County has over one third. In comparison, the U.S. percentage of persons under 200% of Federal Poverty Level is less than one third.**

Report Area	Total Population (For Whom Poverty Status is Determined)	Population with Income Below 200% Poverty Level	Percent Population with Income Below 200% Poverty Level
Report Area	24,769	9,615	<b>38.82%</b>
Cochran County	3,017	1,715	<b>56.84%</b>
Hockley County	21,752	7,900	<b>36.32%</b>
Texas	23,707,680	8,957,285	37.78%
United States	296,141,152	94,693,416	31.98%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.*

**Children in Poverty**

Cochran County has over forty percent of children living in poverty, almost twice as many persons, when compared to Hockley County. The percentage of children in poverty in the U.S. is nineteen percent. This puts the economic vulnerability of children in perspective for Cochran County.

Area	Total Population (For Whom Poverty Status is Determined)	Children in Poverty	Percent Children in Poverty
Combined Area	6,926	1,684	<b>24.31%</b>
Cochran County	790	337	<b>42.66%</b>
Hockley County	6,136	1,347	<b>21.95%</b>
Texas	6,583,681	1,567,204	23.80%
United States	72,850,296	13,980,497	19.19%

Source: CHNA.org, Report prepared by CHNA.org (<http://www.chna.org>) on April 15, 2013

**Children Eligible for Free/Reduced Price Lunch**

Free or reduced lunch is a proxy for socio-economic characteristics of a community.

**Both Hockley and Cochran Counties have a high participation of youth in free and reduced lunch program.**

Area	Total Student Enrollment	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Combined Area	5,490	3,407	<b>62.06%</b>
Cochran County	746	564	<b>75.60%</b>
Hockley County	4,744	2,843	<b>59.93%</b>
Texas	4,933,161	2,470,978	50.09%
United States	49,692,766	24,021,069	48.34%

Source: CHNA.org, Report prepared by CHNA.org (<http://www.chna.org>) on April 15, 2013

**Supplemental Nutrition Assistance Program (SNAP) Recipients**

Over twenty percent of Cochran County residents and nineteen percent of Hockley residents receive supplemental nutrition assistance, as compared to only thirteen percent in Texas and twelve percent in the United States.

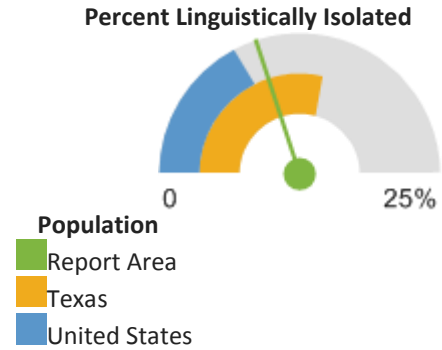
Area	Total Estimated Population, 2009	Total Population Receiving SNAP Benefits	Percent Population Receiving SNAP Benefits
Combined Area	25,199	4,905	<b>19.47%</b>
Cochran County	2,927	652	<b>22.28%</b>
Hockley County	22,272	4,253	<b>19.10%</b>
Texas	24,782,302	3,360,597	13.56%
United States	307,006,550	38,701,176	12.60%

Source: CHNA.org, Report prepared by CHNA.org (<http://www.chna.org>) on April 15, 2013

### Linguistically Isolated Population

This indicator reports the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well." This indicator is relevant because an inability to speak English well creates barriers to healthcare access, provider communications, and health literacy/education. **Over nineteen percent of the Cochran County Population, report being linguistically isolated, as compared to fourteen percent in Texas and eight percent in the U.S.**

Report Area	Total Population (For Whom Linguistic Isolation is Determined)	Total Linguistically Isolated Population	Percent Linguistically Isolated Population
Report Area	24,135	2,415	10.01%
Cochran County	2,915	559	19.18%
Hockley County	21,220	1,856	8.75%
Texas	22,408,336	3,234,813	14.44%
United States	283,833,856	24,704,752	8.70%



Note: This indicator is compared with the state average.

Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.

### Population by Race/Ethnicity, Percent Linguistically Isolated

The largest group experiencing linguistic isolation by race/ethnicity is Native American/Alaska Natives in Cochran County and Hispanics, Asian's had the highest rate of linguistic isolation followed by Hispanic/Latinos in Hockley County.

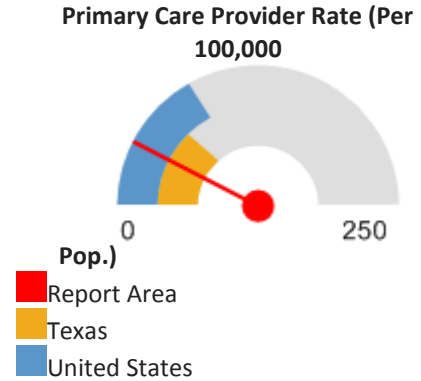
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races	Hispanic / Latino	Non-Hispanic / Latino
Report Area	9.69%	0.45%	23.86%	26.45%	no data	16.45%	0.90%	22.44%	1.16%
Cochran County	17.13%	0%	0%	47.76%	0%	32.52%	7.02%	37.08%	2.27%
Hockley County	8.80%	0.57%	23.86%	0%	0%	12.70%	0.20%	20.03%	1.03%
Texas	12.25%	1.57%	34.98%	15.61%	9.76%	39.18%	10.48%	34.95%	3.12%
United States	5.82%	2.72%	35.37%	8.58%	13.05%	40.45%	6.91%	36.89%	3.70%

## HEALTH CARE ACCESS AND UTILIZATION

### Access to Primary Care

This indicator reports the number of primary care physicians per 100,000 population. This indicator is relevant because a shortage of health professionals contributes to access and health status issues. **Both Hockley and Cochran Counties have a much lower rate of primary care providers per 100,000 persons, as compared to Texas and the U.S.**

Report Area	Total Population	Total Primary Care Providers	Primary Care Provider Rate (Per 100,000 Pop.)
Report Area	26,062	10	<b>38.30</b>
Cochran County	3,127	1	<b>31.97</b>
Hockley County	22,935	9	<b>39.24</b>
Texas	25,145,561	16,396	65.20
United States	312,471,327	264,897	84.70

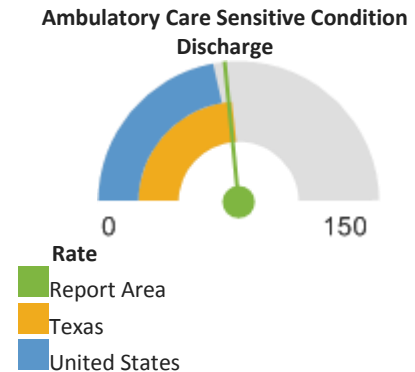


Note: This indicator is compared with the state average. No breakout data available.  
Data Source: [U.S. Health Resources and Services Administration Area Resource File, 2011](#). Source geography: County.

### Preventable Hospital Events

This indicator reports the discharge rate (per 1,000 Medicare enrollees) for conditions that are ambulatory care sensitive (ACS). ACS conditions include pneumonia, dehydration, asthma, diabetes, and other conditions which could have been prevented if adequate primary care resources were available and accessed by those patients. This indicator is relevant because analysis of ACS discharges allows demonstrating a possible “return on investment” from interventions that reduce admissions (for example, for uninsured or Medicaid patients) through better access to primary care resources. **Hockley County reports a higher discharge rate for Ambulatory Care Sensitive Conditions as compared to the U.S.**

Report Area	Total Medicare Part A Enrollees	Ambulatory Care Sensitive Condition Hospital Discharges	Ambulatory Care Sensitive Condition Discharge Rate
Report Area	2,731	192	<b>70.40</b>
Cochran County	440	25	<b>59.06</b>
Hockley County	2,291	166	<b>72.58</b>
Texas	1,962,048	141,797	72.27
United States	56,167,590	3,737,659	66.54

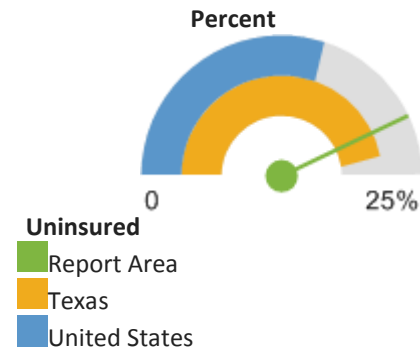


Note: This indicator is compared with the state average. No breakout data available.  
Data Source: [Dartmouth Atlas of Healthcare, Selected Measures of Primary Care Access and Quality, 2010](#). Source geography: County.

**Uninsured**

According to CHNA.org, the lack of health insurance is considered a *key driver* of health status. This indicator reports the percentage of the total civilian non-institutionalized population without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status. **Overall, Hockley County reports a lower percentage of uninsured than Texas as a whole, however, the percentage is five percentage points higher than the U.S.**

Report Area	Total Population (For Whom Insurance Status is Determined)	Number Uninsured	Percent Uninsured
Report Area	22,632	4,858	21.47%
Cochran County	no data	no data	no data
Hockley County	22,632	4,858	21.47%
Texas	24,298,280	5,721,404	23.55%
United States	301,501,760	45,368,296	15.05%



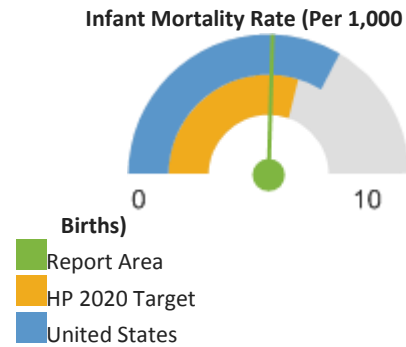
*Note: This indicator is compared with the state average.*  
*Data Source: [U.S. Census Bureau, 2008-2010 American Community Survey 3-Year Estimates](#). Source geography: PUMA.*

## Maternal and Child Health, Texas, Hockley County and Cochran County

### Infant Mortality

According to CHNA.org, this indicator reports the rate of deaths to infants less than one year of age per 1,000 births. This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health. **Hockley County has a better outcome than Texas and the U.S. and meets the HP 2020 Target. (HP2020, also known as Health People 2020, provides 10-year national objectives aimed at improving the health of all Americans).** Please note, items listed in red indicate a worse outcome as compared to National, State or if available, Healthy People’s 2020 Targets and the green color indicates a better outcome.

Report Area	Total Births	Total Infant Deaths	Infant Mortality Rate (Per 1,000 Births)
Report Area	2,958	15	5.07
Cochran County	424	no data	no data
Hockley County	2,534	15	5.92
Texas	2,759,443	17,384	6.30
United States	58,600,996	393,074	6.71
<a href="#">HP 2020 Target</a>			<= 6.0



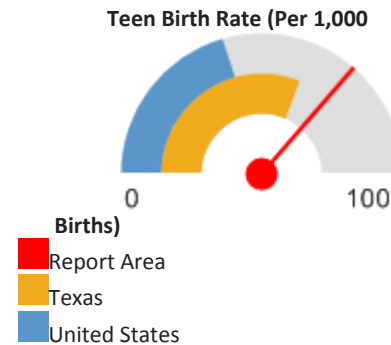
Note: This indicator is compared with the Healthy People 2020 Target.

Data Source: [Centers for Disease Control and Prevention, National Vital Statistics System, 2003-2009](#). Source geography: County.

### Teen Births

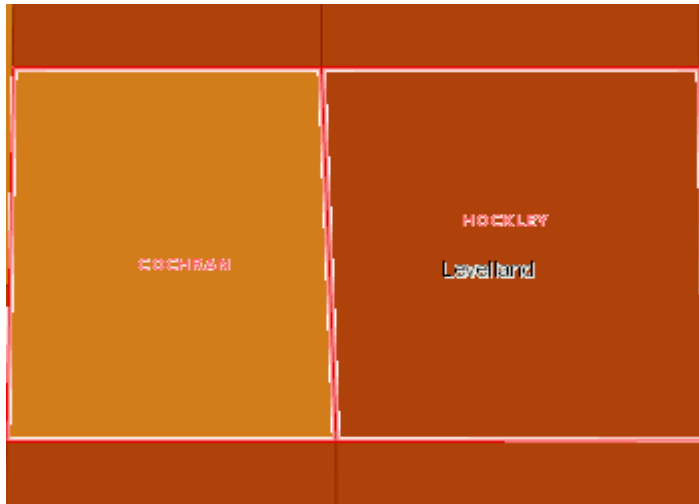
According to CHNA.org, this indicator reports the rate of total births to women under the age of 15 - 19 per 1,000 female population aged 15 - 19. This indicator is relevant because in many cases, teen parents have unique social, economic, and health support services. Additionally, high rates of teen pregnancy may indicate the prevalence of unsafe sex practices. **Hockley County and Cochran County both have a higher teen birth rate than the U.S. and Hockley is also much larger than state of Texas rate.**

Report Area	Female Population Age 15 - 19	Births to Mothers Age 15 - 19	Teen Birth Rate (Per 1,000 Births)
Report Area	8,688	634	72.97
Cochran County	1,454	90	61.90
Hockley County	7,234	544	75.20
Texas	5,878,179	367,974	62.60
United States	72,071,117	2,969,330	41.20

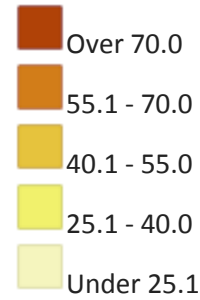


Note: This indicator is compared with the state average.

Data Source: [Centers for Disease Control and Prevention, National Vital Statistics Systems, 2003-2009](#). Accessed through the [Health Indicators Warehouse](#). Source geography: County.



**Rate of Births to Women Age 15 - 19 (Per 1,000 Population), By County, CDC NVSS 2003-2009**



**Teenage Girls by Race / Ethnicity, Birth Rate (Per 1,000 Births)**

**Hispanic/Latino girls have a higher teen birth rate, when compared to all of Texas and U.S.**

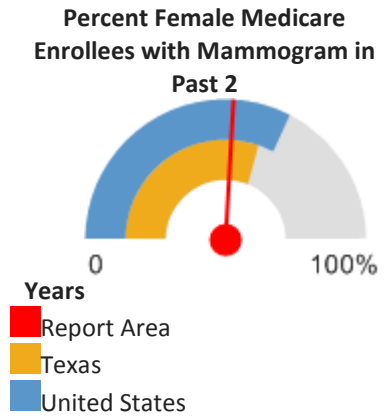
Report Area	White (Non-Hispanic)	Black (Non-Hispanic)	Asian	American Indian / Alaskan Native	Hispanic/Latino
Report Area	39	no data	no data	no data	<b>111.50</b>
Cochran County	no data	no data	no data	no data	97.30
Hockley County	39	no data	no data	no data	<b>114.40</b>
Texas	33.20	65.50	13.30	19.70	97.10
United States	26.30	62.40	16.70	57.50	79.70

**Preventive screenings**

**Breast Cancer Screening (Mammogram)**

According to CHNA.org, this indicator reports the percentage of female Medicare enrollees, age 67-69 or older, who have received one or more mammograms in the past two years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services. **Hockley and Cochran County both report, approximately, a ten percent lower number of female Medicare enrollees receiving a Mammogram within the past two years.**

Report Area	Total Medicare Enrollees	Female Medicare Enrollees Age 67-69	Female Medicare Enrollees with Mammogram in Past 2 Years	Percent Female Medicare Enrollees with Mammogram in Past 2 Years
Report Area	2,650	214	110	<b>51.87%</b>
Cochran County	422	27	13	<b>51.85%</b>
Hockley County	2,228	187	96	<b>51.87%</b>
Texas	1,806,654	157,052	95,989	61.12%
United States	51,875,184	4,218,820	2,757,677	65.37%



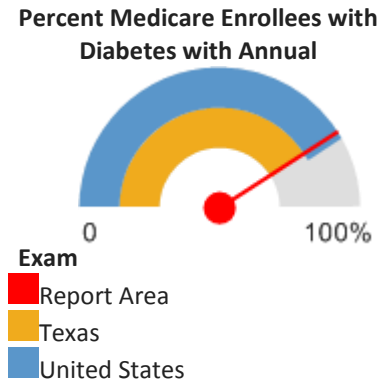
*Note: This indicator is compared with the state average. No breakout data available. Data Source: [Dartmouth Atlas of Healthcare, Selected Measures of Primary Care Access and Quality, 2010](#). Source geography: County.*



**Diabetes Management (Hemoglobin A1c Test)**

According to CHNA.org, this indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services. **Hockley County reports a lower percentage of Medicare Enrollees with diabetes who receive an annual exam, when compared to the Texas and U.S. percentages.**

Report Area	Total Medicare Enrollees	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Percent Medicare Enrollees with Diabetes with Annual Exam
Report Area	2,650	340	277	<b>81.76%</b>
Cochran County	422	58	47	<b>82.76%</b>
Hockley County	2,228	282	229	<b>81.56%</b>
Texas	1,806,654	242,284	199,119	82.18%
United States	51,875,184	6,218,804	5,212,097	83.81%

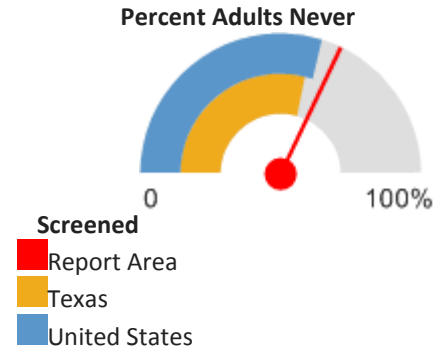


*Note: This indicator is compared with the state average. No breakout data available.  
Data Source: [Dartmouth Atlas of Healthcare, Selected Measures of Primary Care Access and Quality, 2010](#). Source geography: County.*

## HIV Screenings

According to CHNA.org, this indicator reports the percentage of teens and adults age 12-70 who self-report that they have never been screened for HIV. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services. **More than sixty-percent of Hockley County adults report never being screened for HIV.**

Report Area	Total Population (Age 18 )	Number Adults Never Screened	Percent Adults Never Screened
Report Area	18,955	10,749	<b>64.26%</b>
Cochran County	2,227	no data	no data
Hockley County	16,728	10,749	<b>64.26%</b>
Texas	17,639,656	10,248,640	58.10%
United States	232,747,222	139,253,113.51	59.83%



*Note: This indicator is compared with the state average. No breakout data available.*

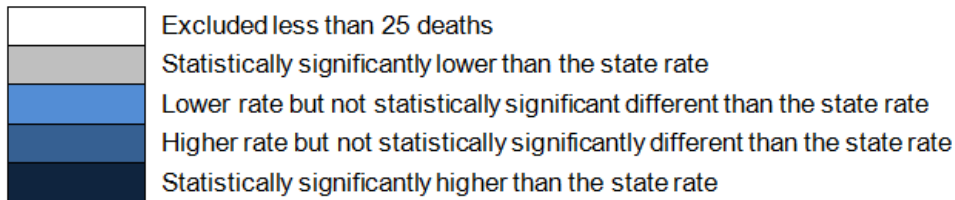
*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.*

**Chronic Conditions**

In a report produced by the Texas Department of State Health Services on chronic conditions Hockley County appears to be significantly higher on a number of health conditions (stroke and congestive heart failure) and higher on three other conditions but not statistically higher (ischemic heart disease, diabetes and colorectal cancer) and only lower than the state average on one condition (lung cancer). Sufficient data was only available for one chronic disease (ischemic heart disease) for Cochran County and it was lower than the state average but not statistically lower. Insufficient data were available on the other chronic conditions (the report listed nine chronic disease conditions for each Texas County).

**Chronic Disease Burden in Hockley and Cochran County (2010) (TDSHS)**

County	Ischemic Heart Disease	Stroke	Congestive Heart Failure	Diabetes	Lung Cancer	Female Breast Cancer	Cervical Cancer	Colorectal Cancer	Prostate Cancer
Hockley									
Cochran									



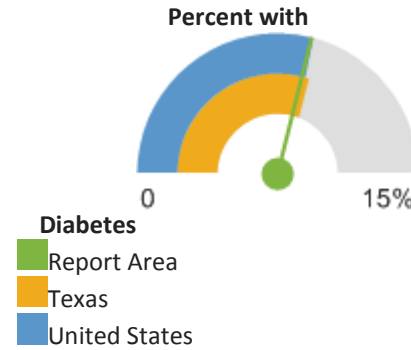
Source: Texas Chronic Disease Burden Report, April 2010, Texas Department of State Health Services.

U.S., State and County level data compiled by CHNA.org on stroke, heart disease and colorectal cancer rates are summarized below. These three chronic conditions were identified specifically because the Texas DSHS report pointed to these conditions as areas of concern at the county level. Please note, items listed in red indicate a worse outcome as compared to National, State or if available, Healthy People’s 2020 Targets and a green color indicates a better outcome.

### Diabetes Prevalence

According to CHNA.org, this indicator reports the percentage of adults aged 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues. **A larger percentage of residents of Cochran County report being diagnosed with diabetes.**

Report Area	Total Population (Age 20 )	Population with Diabetes	Percent with Diabetes
Report Area	18,934.32	1,640	8.66%
Cochran County	2,329.67	212	9.10%
Hockley County	16,604.65	1,428	8.60%
Texas	16,936,419.06	1,539,602	9.09%
United States	239,583,791.97	21,015,523	8.77%



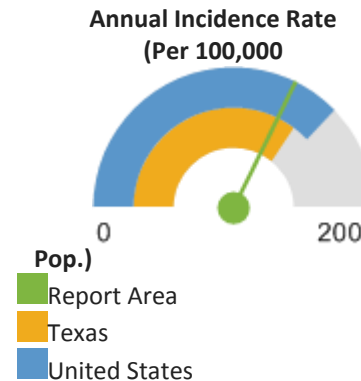
Note: This indicator is compared with the state average.

Data Source: [Centers for Disease Control and Prevention, National Diabetes Surveillance System, 2009](#). Source geography: County.

### Prostate Cancer Incidence

According to CHNA.org, this indicator reports the age-adjusted incidence rate (cases per 100,000 population per year) of males with prostate cancer adjusted to 2000 U.S. standard population age groups. This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions. **There is a larger annual rate of Prostate Cancer incidence in Hockley County as compared to Texas. However the annual rate is slightly lower than U.S.**

Report Area	Total Population, ACS 2005-2009	Annual Incidence, 2005-2009 Average	Annual Incidence Rate (Per 100,000 Pop.)
Report Area	25,439	33	129.70
Cochran County	3,080	no data	no data
Hockley County	22,359	33	149.50
Texas	23,819,042	33,775	141.80
United States	301,461,536	456,412	151.40



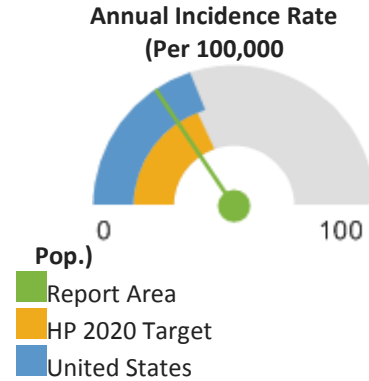
Note: This indicator is compared with the state average.

Data Source: [The Centers for Disease Control and Prevention, and the National Cancer Institute: State Cancer Profiles, 2005-2009](#). Source geography: County.

**Colon and Rectum Cancer Incidence**

According to CHNA.org, this indicator reports the age-adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions. **Hockley County reports a lower than HP2020 colon and rectum cancer incidence.** (HP2020, also known as Health People 2020, provides 10-year national objectives aimed at improving the health of all Americans).

Report Area	Total Population, ACS 2005-2009	Annual Incidence, 2005-2009 Average	Annual Incidence Rate (Per 100,000 Pop.)
Report Area	25,439	8	31.40
Cochran County	3,080	no data	no data
Hockley County	22,359	8	36.90
Texas	23,819,042	10,528	44.20
United States	301,461,536	121,188	40.20
<a href="#">HP 2020 Target</a>			<= 38.6



*Note: This indicator is compared with the Healthy People 2020 Target.  
Data Source: [The Centers for Disease Control and Prevention, and the National Cancer Institute: State Cancer Profiles, 2005-2009](#). Source geography: County.*

**Dental Health**

Oral health has become a national healthcare problem, especially among low-income communities. Studies suggest that 40% of low income residents have at least one untreated cavity compared with 16% of higher income adults. This problem is also common to the young, with dental problems being the most common chronic disease among children 6 to 11 years of age (25%) and adolescents aged 12 to 19 years (59%). For children below the poverty level the situation is even worse with 37% having one or more decayed primary tooth, which compares to 17% for children living above the poverty level. Less than one in three children enrolled in Medicaid received a dental examination in any given year.

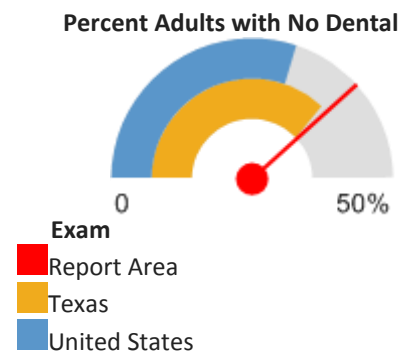
The dental health situation for low-income residents has deteriorated even further since 2011 when the Texas Health and Human Services Commission made a number of changes in the states dental health program for low-income residents. The state created a managed-care plan for these services and moved payments from fee-for-service to a capitated managed-care basis. In this process the number of participants dropped by over 50% between 2011 and 2012. The State is now trying to rebuild the enrollment and focus more services on prevention and conservation (Source: Public Consulting Group, Inc. (PCG), State of Texas, Health and Human

Services Commission, Capitated Managed Care Model of Dental Services, Final Report, February 15, 2013).

**Dental Care Utilization (Adult)**

According to CHNA.org, this indicator reports the percentage of adults aged 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services. **As compared to both Texas and U.S., over thirty-eight percent of Hockley County adults report having no dental exam.**

Report Area	Total Population (Age 18 )	Number Adults with No Dental Exam	Percent Adults with No Dental Exam
Report Area	18,955	6,385	<b>38.17%</b>
Cochran County	2,227	no data	no data
Hockley County	16,728	6,385	<b>38.17%</b>
Texas	17,639,656	6,595,467	37.39%
United States	232,747,222	70,151,188.94	30.14%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.*

## Obesity

2012 County Health Rankings reports that persons 18 years or older, in both Hockley County and Cochran County service areas have higher levels of obesity (30% each county) compared to 29% in the state of Texas and 25% for the nation. Both national and regional data suggests this is a significant problem for children all over the country. Cochran and Hockley Counties are within the Texas Public Health Region 1. Below is data displaying the percentage of children at risk (obese) within the Public Health Region 1, in west Texas.

Texas BRFSS 2010  
Risk Factor: Obesity (BMI 30 or greater)  
Area: Public Health Administrative Region 1



	Sample Size*	% at risk	95% CI	
			Lower	Upper
Texas	17,020	31.8	30.3	33.3
Nationwide	441,510	28.9	28.6	29.2
Public Health Administrative Region 1	1,873	30.1	25.7	35.0
<b>Gender</b>				
Male	704	28.2	21.7	35.7
Female	1,169	32.4	27.2	38.1
<b>Race/Ethnicity</b>				
White	1,468	27.7	23.3	32.7
Black	73	60.8	42.1	76.8
Hispanic	271	30.8	20.7	43.2
<b>Age Group</b>				
18-29 Years	118	21.9	13.8	32.9
30-44 Years	321	30.1	21.2	40.7
45-64 Years	718	38.2	32.2	44.6
65+ Years	715	26.5	21.0	32.8
<b>Education</b>				
No High School Diploma	213	39.8	28.2	52.7
H. S. Graduate	541	30.9	23.1	40.0
Some College	512	27.6	19.2	38.0
College +	604	26.5	19.9	34.3
<b>Income</b>				
Less Than \$25,000	530	32.0	22.5	43.2
\$25,000 thru \$49,999	435	27.0	19.0	37.0
\$50,000 or more	676	32.1	25.4	39.6
<b>Notes</b>				

Respondents 18 years and older who have a BMI calculated by self reported height and weight.

The '-' indicates that the sample size was < 50.

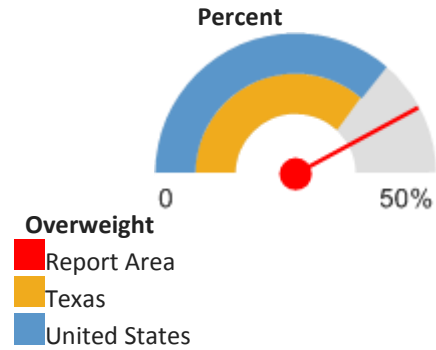
The sample size includes all survey respondents except those with missing, "don't know", or "refused" answers.

**Source:** Center for Health Statistics (CHS). *Texas Behavioral Risk Factor Surveillance System Survey Data*. Austin, Texas: Texas Department of State Health Services, **2010**.

**Overweight (Adult)**

According to CHNA.org, this indicator reports the percentage of adults aged 18 and older who self-report that they have a Body Mass Index (BMI) between 25.0 and 30.0 (overweight). This indicator is relevant because excess weight is a prevalent problem in the U.S.; it indicates an unhealthy lifestyle and puts individuals at risk for further health issues. **Hockley County has a larger percentage of overweight adults than the state of Texas and U.S.**

Report Area	Total Population (Age 18 )	Number Overweight	Percent Overweight
Report Area	18,955	7,035	<b>42.06%</b>
Cochran County	2,227	no data	no data
Hockley County	16,728	7,036	<b>42.06%</b>
Texas	17,639,656	6,445,530	36.54%
United States	232,747,222	84,521,271.09	36.31%



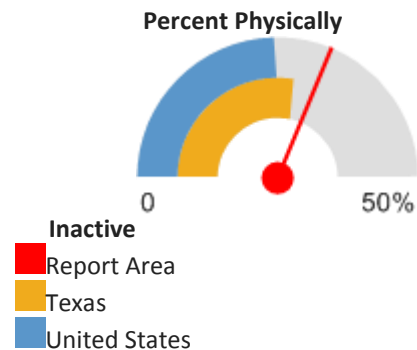
*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.*

**Physical Inactivity (Adult)**

According to CHNA.org, this indicator reports the percentage of adults aged 18 and older who self-report no leisure time for activity, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?". This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health. **Hockley County reports a worse a higher percentage of residents who are physically inactive when compared to Texas and U.S.**

Report Area	Total Population (Age 18 )	Number Physically Inactive	Percent Physically Inactive
Report Area	18,511	5,102.45	<b>31.20%</b>
Cochran County	2,157	no data	no data
Hockley County	16,354	5,102.45	<b>31.20%</b>
Texas	16,607,889	4,616,993	27.80%
United States	111,821,887	27,579,949	24.66%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010](#). Source geography: County.*



### Fast Food Restaurant Access

**Hockley County and Cochran County have a more favorable rate with regards to fast food restaurant access when compared to Texas and U.S.**

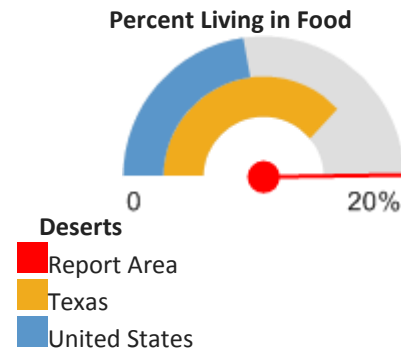
Area	Total Population, 2010 Census	Number of Establishments	Establishment Rate (Per 100,000 Pop.)
Combined Area	26,062	16	61.39
Cochran County	3,127	1	31.98
Hockley County	22,935	15	65.40
Texas	25,145,561	16,896	67.19
United States	308,745,538	213,453	69.14

Source: CHNA.org, Report prepared by CHNA.org (<http://www.chna.org>) on April 15, 2013

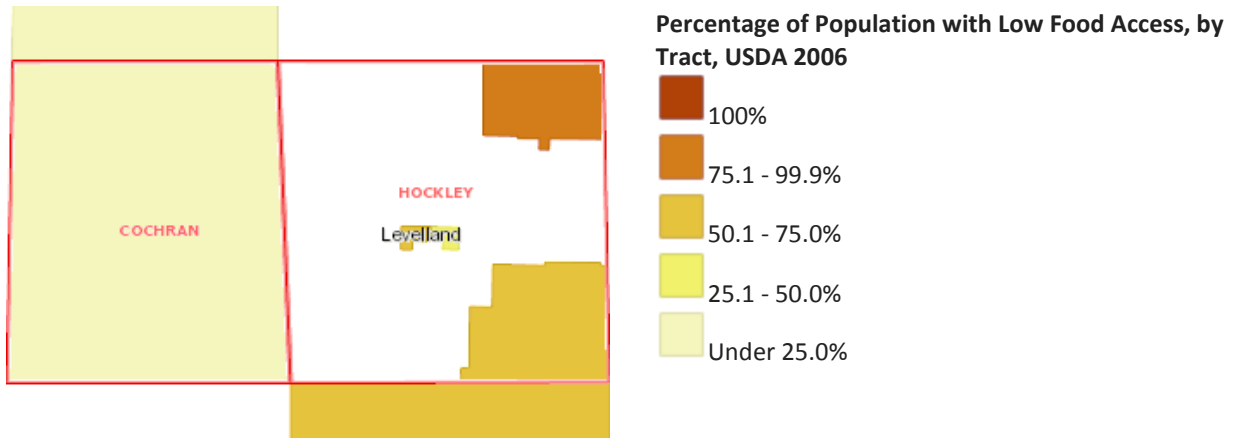
### Population Living in Food Deserts

According to CHNA.org, this indicator reports the percentage of the population living in census tracts designated as food deserts. A food desert is defined as a low-income census tract (where a substantial number or share of residents has low access to a supermarket or large grocery store). This indicator is relevant because it highlights populations and geographies facing food insecurity. **Hockley County and Cochran County have a significantly higher percentage of the population living in food deserts when compared to Texas and the U.S.**

Report Area	Total Population	Population Living in a Food Deserts	Percent Living in Food Deserts
Report Area	26,446	15,852	59.94%
Cochran County	3,730	3,730	100%
Hockley County	22,716	12,122	53.36%
Texas	20,851,820	3,206,478	15.38%
United States	281,421,906	25,609,433	9.10%



*Note: This indicator is compared with the state average. No breakout data available.  
Data Source: [U.S. Department of Agriculture, Food Desert Locator, 2009](#). Source geography: Tract (2000).*

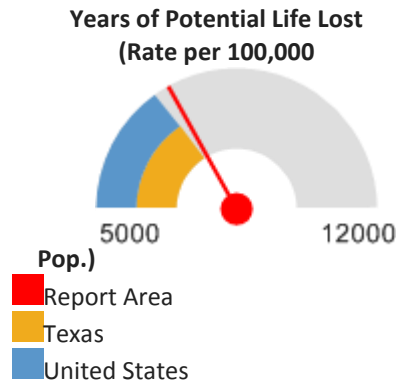


**Premature Death**

This indicator reports Years of Potential Life Lost (YPLL) before age 75 per 100,000 population for all causes of death, age-adjusted to the 2000 standard. YPLL measures premature death and is calculated by subtracting the age of death from the 75 year benchmark. This indicator is relevant because a measure of premature death can provide a unique and comprehensive look at overall health status.

**Hockley County has a worse rate of Year of Potential Life Lost when compared to Texas and U.S.**

Report Area	Total Population, 2006-2008 Average	Annual Premature Deaths, 2006-2008 Average	Years of Potential Life Lost (Rate per 100,000 Pop.)
Report Area	24,691	83	<b>7,382</b>
Cochran County	2,993	no data	no data
Hockley County	21,698	83	<b>7,382</b>
Texas	22,759,961	77,895	7,195
United States	283,115,015	1,058,493	7,131

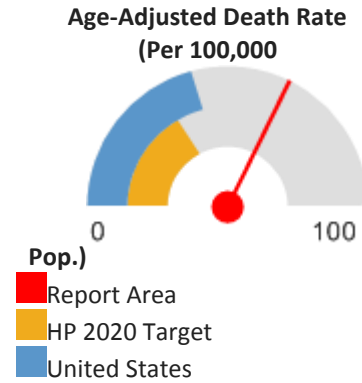


*Note: This indicator is compared with the state average. No breakout data available.  
Data Source: [Centers for Disease Control and Prevention, National Vital Statistics System, 2008-2010 \(As Reported in the 2012 County Health Rankings\)](#). Source geography: County.*

### Stroke Mortality

This indicator reports the rate of death due to cerebrovascular disease (stroke) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummairized for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States. **Hockley County is worse in the area of stroke mortality when compared to Texas and U.S. age-adjusted rates. Furthermore, it is almost twice as high as the HP 2020 target.**

Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	14	59.27	<b>64.65</b>
Cochran County	3,153	no data	no data	no data
Hockley County	22,947	14	59.27	<b>64.65</b>
Texas	24,289,585	9,422	38.79	<b>48.06</b>
United States	303,844,430	133,107	43.81	<b>41.78</b>
<a href="#">HP 2020 Target</a>				<= 33.8

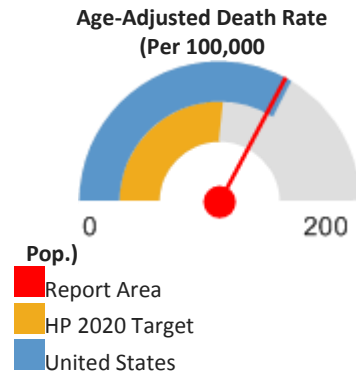


Note: This indicator is compared with the Healthy People 2020 Target.  
Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010.](#) Accessed through [CDC WONDER](#). Source geography: County.

## Heart Disease Mortality

This indicator reports the rate of death due to coronary heart disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States. **Both Hockley County and Cochran County are worse than HP 2020 target.**

Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	34	128.74	<b>131.46</b>
Cochran County	3,153	5	145.90	<b>140.83</b>
Hockley County	22,947	29	126.38	<b>130.18</b>
Texas	24,289,585	26,857	110.57	<b>133.23</b>
United States	303,844,430	432,552	142.36	<b>134.65</b>
<a href="#">HP 2020 Target</a>				<= 100.8



Note: This indicator is compared with the Healthy People 2020 Target.

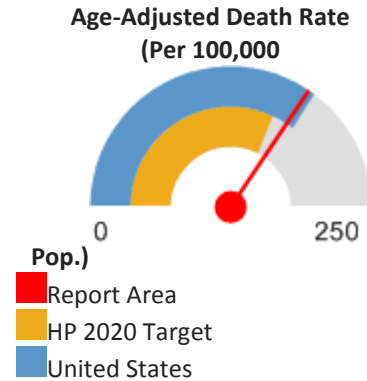
Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010](#).. Accessed through [CDC WONDER](#).

Source geography: County.

### Cancer Mortality

This indicator reports the rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States. **Hockley County and Cochran County report a higher age-adjusted Cancer mortality as compared to Texas and it is higher than HP 2020 target.**

Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	45	171.65	<b>171.59</b>
Cochran County	3,153	6	196.65	<b>183.01</b>
Hockley County	22,947	39	168.21	<b>170.02</b>
Texas	24,289,585	35,607	146.59	<b>169.51</b>
United States	303,844,430	566,121	186.32	<b>176.66</b>
<u>HP 2020 Target</u>				<= 160.6



Note: This indicator is compared with the Healthy People 2020 Target.  
Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010](#). Accessed through [CDC WONDER](#). Source geography: County.

### Overall Cancer Mortality

When looking at overall cancer mortality by race/ethnicity, there is a significantly larger rate of Cancer Mortality among Blacks, in Hockley County. There is no data in Cochran County.

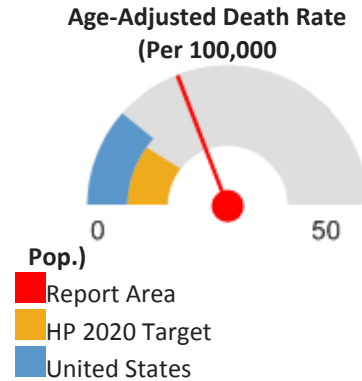
#### Population by Race / Ethnicity, Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.)

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino	Not Hispanic / Latino
Report Area	167.89	424.50	no data	no data	149.53	180.96
Cochran County	186.11	no data	no data	no data	no data	199.96
Hockley County	165.41	<b>424.49</b>	no data	no data	149.53	178.80
Texas	44.85	30.68	11.48	12.29	18.49	48.77
United States	176.12	209.70	108.72	122.20	121.09	180.92

**Suicide**

This indicator reports the rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health. **The age-adjusted suicide death rate in Hockley County is almost twice the rate in Texas.**

Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	4	17.43	<b>19.10</b>
Cochran County	3,153	no data	no data	no data
Hockley County	22,947	4	17.43	<b>19.10</b>
Texas	24,289,585	2,606	10.73	<b>10.99</b>
United States	303,844,430	35,841	11.80	<b>11.57</b>
<a href="#">HP 2020 Target</a>				<= 10.2



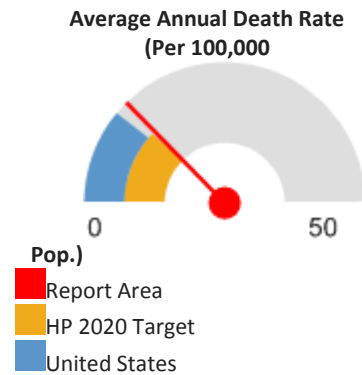
*Note: This indicator is compared with the Healthy People 2020 Target.  
Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010](#). Accessed through [CDC WONDER](#).  
Source geography: County.*

**Motor Vehicle Deaths**

Hockley County’s premature death rate is slightly higher than either the state or national rates, which is probably due to a much higher motor vehicle crash death rate for the county. Cochran County data is twice the rate of Hockley County.

According to CHNA.org, this indicator reports the rate of death due to motor vehicle crashes per 100,000 population, which include collisions with another motor vehicle, a nonmotorist, a fixed object, and a non-fixed object, an overturn, and any other non-collision. This indicator is relevant because motor vehicle crash deaths are preventable and they are a cause of premature death. **Cochran County has twice the average rate of death due to motor vehicular accidents as compared to Hockley County.**

Report Area	Total Deaths, 2008-2010	Average Annual Deaths, 2008-2010	Average Annual Death Rate (Per 100,000 Pop.)
Report Area	10	3	<b>12.70</b>
Cochran County	2	0	<b>21.32</b>
Hockley County	8	2	<b>11.63</b>
Texas	9,462	3,154	<b>12.50</b>
United States	103,048	34,349	<b>11.13</b>
<a href="#">HP 2020 Target</a>			<= 12.4



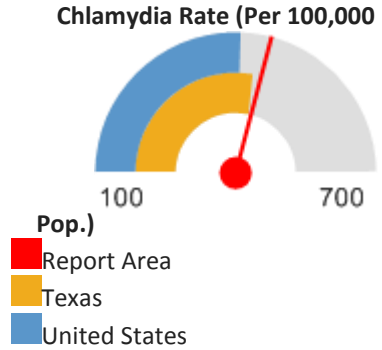
*Note: This indicator is compared with the Healthy People 2020 Target. No breakout data available. Data Source: [National Highway Traffic Safety Administration, Fatality Analysis Reporting System, 2008-2010](#). Source geography: County.*

## Sexually Transmitted Diseases

### Chlamydia Incidence

According to CHNA.org, this indicator reports incidence rate of chlamydia cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices. **Hockley County has a higher rate of chlamydia incidence per 100,000 residents as compared to Texas and U.S.**

Report Area	Total Population, 2010 Census	Reported Cases of Chlamydia	Chlamydia Rate (Per 100,000 Pop.)
Report Area	26,062	117	<b>448.93</b>
Cochran County	3,127	12	<b>403.10</b>
Hockley County	22,935	105	<b>472.90</b>
Texas	25,145,561	105,894	435.53
United States	308,730,677	1,236,680	406.89



*Note: This indicator is compared with the state average. No breakout data available.*

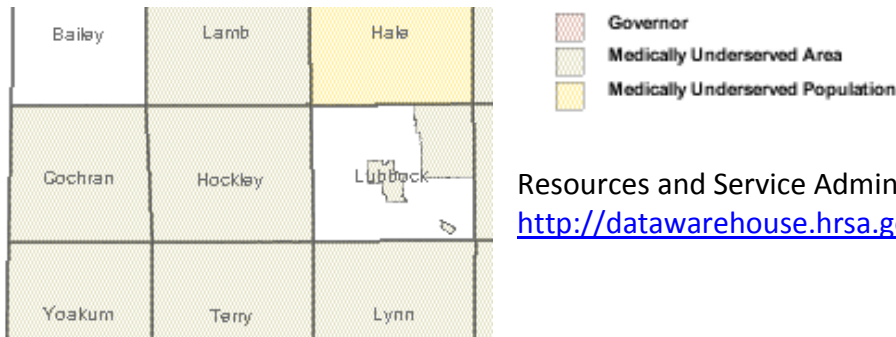
*Data Source: [Centers for Disease Control and Prevention and the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, 2009](#). Source geography: County.*



**Medically Underserved Area**

Hockley County and surrounding counties are federally designated as Medically Underserved Areas.

Figure 1. Medically Underserved Area



Source: Health Resources and Service Administration,  
<http://datawarehouse.hrsa.gov/Quickaccessmaps.aspx>

**Health Professions Shortage Area and Primary Care Physician to Population Ratios**

An area can receive a federal Health Professional Shortage Area (HPSA) designation if a shortage of primary care, dental care, or mental health care professionals is found to be present. The service area counties received designations in 5 of the six potential categories with Hockley County not being designated for primary care. Designation can be for part or all of a county in rural areas (based on federal guidelines) and Hockley and Cochran County’s Health Professional Shortage Area designations for Primary Medical Care, Dental Care and Mental Health Services were all full county designations. See Table 2, below.

**Table 2. Physician Shortage Area by Covenant Levelland Service Area**

Type	Hockley County	Cochran County
Primary Care	No Designation	Special Population
Dental	Whole County	Whole County
Mental Health	Whole County	Whole County

Source: Health Resources and Service Administration,  
<http://datawarehouse.hrsa.gov/Quickaccessmaps.aspx>

Note: the definition of a HPSA can be: “(1) An urban or rural area (which need not conform to the geographic boundaries of a political subdivision and which is a rational area for the delivery of health services); (2) a population group; or (3) a public or nonprofit private medical facility.”<sup>1</sup>

## COMMUNITY NEEDS

### Summary Community Needs

The list of prioritized community needs was developed as a result of community interview data, secondary data analysis including CHNA.org.

- **Access to medical care:** Access to all medical services was limited due the number of primary care providers which were significantly lower than Lubbock (see Access to Medical Care and Community Need for Medical Services later in the report)
- **Access to Preventive Care:** Hockley and Cochran County residents in the community interviews, especially in the Hispanic community, indicated that diabetes and other chronic diseases such as obesity were a major health problems and concerns and that education and training was limited and of interest not just to patients, but families with one or more patients in the community. Stroke, cancers and heart disease are also leading causes of deaths that could be prevented with appropriate interventions.
- **Dental Health:** Dental health is also a major concern being one of the leading causes of health problems among children. Although the local data is limited, the state has raised its standards for regular dental checkups, but only 6.2% of Hockley County Medicaid children meet the standard.
- **Suicide:** Age-adjusted suicide for Hockley County residents is almost twice (19.9) what it is in Texas (10.99). There was no data available for Cochran County.
- **Sexually Transmitted Diseases (STD):** : Results from CHNA.org indicate that the rate of chlamydia cases in Hockley County is 472.90 per 100,000 residents, as compared to 435.53 in Texas and 406.89 in the United States. This data points to a need for intervention in STD education and prevention.
- **Diabetes and Chronic Disease education:** Overall chronic disease education was identified by community residents as a community need.
- **Linguistic isolation:** Based on CHNA.org core indicators report, Hockley County reports linguistic isolation for communities who need resources to ensure access and integration to mainstream community.
- **Premature Death:** Hockley County has a worse rate of Years of Potential Life Lost when compared to Texas and U.S. In addition, Cochran County has a much high rate of motor vehicle accident related deaths as compared to Hockley County and the state of Texas. There are furthermore, racial/ethnic disparities in the rate of mortality due to chronic disease.
- **Teen Births:** Results from CHNA.org point to a larger rate of teen pregnancy in Hockley and Cochran Counties compared to Texas and National rates. Also, in Hockley County Hispanics have more than twice the rate of births by teen mothers ages fifteen to nineteen as compared to their White counterparts.
- **Access to health care:** According to 2012 County Health Rankings, 27% of Hockley County residents and 33% of Cochran County residents are uninsured, compared to a 26% uninsured rate in Texas.

- **Obesity:** The rate of obesity is higher in both service area counties than the state and nation. Both national and regional data suggests this is a significant problem for children in the area also.
  - **Nutrition and fitness education:** Based on community input, residents reported the need for more nutrition and fitness education opportunities.
  - **Community living in food deserts**
- **Lack of Transportation to Health and Human Services:** A number of residents and providers noted the lack of transportation as a barrier to access in the community.

## **DATA SOURCES**

**Center for Health Statistics (CHS).** *Texas Behavioral Risk Factor Surveillance System Survey Data.* Austin, Texas: Texas Department of State Health Services, **2010.**

### **CHNA.org**

<http://www.chna.org>

Last accessed on April 15, 2013

**Description:** CHNA.org is a free web-based platform designed to assist hospitals (with particular attention to critical access and other smaller facilities), non-profit organizations, state and local health departments, financial institutions, and other organizations seeking to better understand the needs and assets of their communities, and to collaborate to make measurable improvements in community health and well-being.

### **County Health Rankings**

<http://www.countyhealthrankings.org/>

**Description:** The *County Health Rankings & Roadmaps* program is a collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute. We know that much of what influences our health happens outside of the doctor's office—in our schools, workplaces and neighborhoods.

**Covenant Medical Center,** Covenant Health's Community Needs and Assets Assessment Report, 2011.

**Health Resources and Service Administration** <http://datawarehouse.hrsa.gov/Quickaccessmaps.aspx>

**Public Consulting Group, Inc. (PCG),** State of Texas, Health and Human Services Commission, Capitated Managed Care Model of Dental Services, Final Report, February 15, 2013

### **Texas Department of State Health Services**

Texas Chronic Disease Burden Report, April 2010 (Publication #E81-11194)

<http://www.dshs.state.tx.us/mwg-internal/de5fs23hu73ds/progress?id=mtNmxidM0I>

Last accessed on April 15, 2013

### **Texas Workforce Commission**

<http://www.twc.state.tx.us/customers/bemp/labor-market-information.html>

#### **Description:**

Texas Workforce Commission (TWC) is the state agency charged with overseeing and providing workforce development services to employers and job seekers of Texas. TWC strengthens the Texas economy by providing the workforce development component of the Governor's economic development strategy. Texas boasts an incredibly skilled workforce ready to attract enterprise to the Lone Star State. By focusing on the needs of employers, TWC gives Texas the competitive edge necessary to draw business here.

### **U.S. Census Bureau**

<http://www.census.gov/>

**Description:** The mission of the U.S. Census is "to serve as the leading source of quality data about the nation's people and economy."

## **Appendix A: Community Interview Summary**

At the commencement of community interviews the consultant, Mr. Greg Eastin, provided an introduction and background for the study and process. He discussed the changes taking place in healthcare and the need for more community input and involvement. He asked the respondents four general questions and then followed up with more detailed questions as necessary to get the maximum participation from each group. In most cases the respondents were very interested and willing to provide detailed information without prompting.

The four initial questions were:

- What is your perception of medical care in the community?
- What kind of healthcare problems do you see in the community?
- Are there community issues that need to be addressed?
- Is health insurance coverage an issue?

The community interviews were summarized into categories and the type of comments made by the participants. As an example, a number of comments were provided as information on the community to inform the consultant on local conditions and the local situation in the community. As an example, one informational comment was:

“The county bought the hospital several years ago and leased it to Covenant, currently on a month to month lease” and “Churches have no health programs”.

**Appendix A: Community Interview Summary (continued)**

**Selected Sample Comments:**

- The county bought the hospital several years ago and leased it to Covenant, currently on a month to month lease
- Churches have no health programs
- Small town and everyone here knows each other
- There is a good Fitness Center at the college and private facilities in town but no public areas that are free
- Elective surgeries are a problem when people can't afford to pay for them
- Lack of Insurance Delays care, private pay is most expensive and don't get the discounts of
- Insurers and government
- UMC is good about taking in indigent patients and referrals
- 30% of ER patients are repeated patients and use emergency room for primary care

## **Appendix B.**

### **Strategies from Community Interviews**

The community comments and observations were used to develop a list of potential strategies for community discussion and to develop priorities for community projects to address the identified needs.

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Develop new and coordinate existing community education programs on weight management, healthy eating, chronic disease like diabetes

Consider expanding the use of Emergency Medical Services (EMS) for other community and transportation uses

Develop a county wellness plan and utilize county funds to defray costs of uninsured

Develop an Employer's Health Program

- a. Hospital should do pre-application employee physicals
- b. Consider on site health assessments
- c. Management Annual Physicals  
Develop an on the job injury prevention and rehabilitation service (an alternative to Workman's Comp.)

### **Potential Shared Service**

Potential Shared Medical Appt.s Service for chronic disease with Support & Telemedicine

Coordinate with RHC or FQHC to provide dental and other services and follow up care

Develop a facilities improvement plan

- a. Consider or begin the process of developing a new hospital
- b. Consider reusing the existing hospital for elderly housing

**Appendix 1: Participants in the Community Health Need Assessment Community Input**

2012 Community Needs Assessment Focus Groups

Friday February 10th, 2012

7:30-9:00 a.m. Physicians' Breakfast

Administrative Board Room

Family Medicine:

Daniel Hadzic MD

John Hanna DO

Jeff Young MD

Family Practice:

Michael Bailey MD

Charles Hughes MD

Alfred Tan MD

Surgery:

Harry Weaver MD

Internal Medicine:

Bruce Owens DO

Pediatrics:

Deena Vichugsananon MD

9:15 Group #1

Melinda Harvey -- South Plains Community Action Association Grant Writer

Rick Osburn -- City Manager Levelland

Stephen Henry -- News Press Editor

Jim Rankin -- Veterans Services Officer

Rick Lawless -- Tri-Care Medical

Paul Scarborough -- Interim Sheriff

Jeff Holder -- Deputy

10:15 Group #2

Danny House -- Levelland Nursing Home

George Keeling -- Independent Insurance Agent

Kim Edler -- Hickory House Assisted Living

Eddie Stephenson -- Retired Babyboomer

F.E. Shaheen -- Levelland EMS



**Appendix 1: Participants in the Community Health Need Assessment Community Input  
(Continued)**

11:15 Group #3

James Jones -- Lynwood Nursing Home  
David Barnes -- Platinum Bank  
Judge Sprowls -- County Judge  
Mark Holcomb -- Superintendent Levelland ISD  
Marissa Ochoa -- Hospice of Lubbock

12:00 Noon

Brodie Hutchinson -- Covenant Foundation Levelland Advisory Board

1:15 Group #5

Karen Green -- American State Bank  
Kelvin Sharp PhD -- President, South Plains College  
Carolyn Jordan -- Pastor  
Daniel & Pam Barrera -- Patients  
Henry Rosenblatt -- Patient

2:15 Group #6

W.D. Bill Powell -- South Plains Community Action Association Executive Director  
Joe Dee Brooks -- Allied Oilfield Services  
Carrie Ellis -- CPA  
Bobbie Jo Elliott RN -- Calvert Home Health

3:15 Group #7

Dean Sasser -- Farmer's Coop Elevator Manager  
Annie Gober -- Health & Human Services Supervisor  
Denver Bruner -- Sodexo  
Clarice Gainer -- Beehive Assisted Living

4:15 Group #8

Scott Wade -- AIM Bank  
Libby Thetford -- Retired Teacher  
Faye Blount -- Hospital Auxillary  
Esmeralda Rowand -- City of Levelland  
Irene Duarte -- Duarte Funeral Home  
Manual Mendez -- Community Leader Representing the Hispanic Community  
Patti Torres -- St. Michael's Catholic Church: Community Leader Representing the Hispanic Community  
Wendy Soliz -- Social Worker for South Plains Community Action

**Appendix 1: Participants in the Community Health Need Assessment Community Input  
(Continued)**

Hospital Administrative Staff

Jerry Osborn – CEO, Covenant Levelland Hospital

John Dolan – CFO, Covenant Levelland Hospital

Doris Jackson -- Foundation/Social Services Director

**Telephone Interviews**

Lindy Lauderdale -- Managed care Representative, CareFirst Health Plan

Marsha. L. Blaire – Texas A&M Agri-Life Extension Service on Public Health and Community Education

**Appendix 2: Community Input**

*Public Health Experts Interviewed*

<b>Name</b>	<b>Title</b>	<b>Affiliation or Organization</b>	<b>Special Knowledge or Expertise</b>
Lindy Luaderdale	VP Corporate Services	Covenant Health	Managed Care: CareFirst Health
Marsha. L. Blaire	Agent	Texas A&M Agri-Life Extension Service on Public Health and Community Education	Community Education: Diabetes education, food safety and childhood obesity
Gregory Mark Eastin	Consultant	Foresite Consulting	See appendix 2a for full bio.

*Spoke via telephone with Texas State Department of Health Services staff to gather information on available secondary data at: <http://www.dshs.state.tx.us/chs/datalist.shtm>*

***Health or Other Departments or Agencies***

**Individuals from Health Departments or Agencies Interviewed**

<b>Name</b>	<b>Title</b>	<b>Affiliation or Organization</b>
James Jones	Administrator	Lynwood Nursing Home
Marissa Ochoa	Nurse	Hospice of Lubbock
Clarice Gainer	Administrator	Beehive Assisted Living

***Community Leaders and Representatives***

**Community Leaders or Representatives Interviewed**

<b>Name</b>	<b>Title</b>	<b>Affiliation or Organization</b>	<b>Nature of Leadership Role</b>
Mark Holcomb	Superintendent	Levelland ISD	Leadership of Levelland School System

***Persons Representing the Broad Interests of the Community***

**Other Interviewees Representing the Broad Interests of the Community**

<b>Name</b>	<b>Title</b>	<b>Affiliation or Organization</b>
W.D. Powell	Executive Director	South Plains Community Action
Rick Osburn	City Manager	City of Levelland

**Contracted Third Party**

<b>Name</b>	<b>Title</b>	<b>Affiliation or Organization</b>
Gregory Mark Eastin	Principal	Foresite Consulting See appendix 2a for full bio.

## **Appendix 2a: Consultant/Public Health Expert for the Community Health Need Assessment**

**Gregory Mark Eastin**  
**Foresite Consulting**  
**Principal**

*503 Brookhollow Dr., Colleyville, TX 76034  
(817) 915-3256M Fax 817-259-1668 e-mail GMEastin@gmail.com*

Greg Eastin is the principal and founder of Foresite Consulting. He has worked in health care with physicians, hospitals, public health, community health centers and managed care plans for almost two decades. The rapid change in the industry has provided him with an opportunity to give leadership in the development of almost all kinds of new programs and services. He has conducted studies in strategic planning, market analysis and public health community assessments. Greg has managed all phases of the development process, from planning and fund raising to construction and initial operation of new facilities.

The State of Texas has been the focus the of Greg's work in market analysis, strategic planning and public health community assessments. He has worked with all of the major constituencies of the health care system to develop models of growth and to understand the business of medicine. These constituencies include rural hospitals struggling to serve their communities and large urban medical centers wanting to understand the dynamics of their medical staffs and markets.

Although Greg has worked in consulting for 20+ years on a part-time basis, he did not begin a full-time practice until 1997. His background in planning, development and market research in the health care industry provided an excellent basis for identifying client needs and finding the information to address the questions that take some of the uncertainty out of a challenging future. Over the years he has completed over 100 major studies, including strategic plans, market assessments, consumer and customer satisfaction surveys, public health community assessments and special studies. A complete list is available on request.

With a master's degree in Urban and Regional Affairs, Greg has a broad understanding of the systems and organizational relationships that often provide a key insight into the dynamics and complexities of health care. He has provided executive leadership in hospitals and community health care organizations as well as serving on a number of community boards and other organizations, including chairman of the board of the North Texas Area Community Health Centers and board of the DFW Alliance for Healthcare Excellence and DFW International. He is a member of the American Hospital Association, the Texas Hospital Association, and the DFW Alliance for Healthcare Excellence. From 2000 to 2006, he assumed the additional position of Adjunct Assistant Professor in the Health Services Administration Department of the University of Texas Southwestern Medical Center to share his experience in strategic planning, market analysis, and management.

### **Appendix 3: Healthcare Facilities within Hockley County and Cochran County**

#### **Hospitals or Clinics in the Community, in addition to Covenant Levelland Hospital:**

**Cochran Memorial Hospital, Morton, TX.** Licensed for 15 beds. There is also a **Rural Health Clinic in Morton** that is open from 9:00 a.m.-5:00p.m. Cochran County has one physician practicing in Morton. There is one Physician's Assistant and one Family Nurse Practitioner.

#### **Healthcare Facilities in Levelland serving Residents of Hockley & Cochran County:**

**South Plains Rural Health (Federally Qualified Rural Health Clinic):** Provides OB Clinic Comprehensive Primary Health Care Services, Pharmacy Services, Dental Services and Counseling Svs.

**South Plains Community Action:** Provides WIC Program Services Primary Home, Care Community Living Assistance and Support Services, Home Health, Community Based Alternatives, Primary Health Care, Senior Companions, Public Health, The Champs Program for HIV infected Patients, The Ryan White HIV/AIDS Services, Medical Transportation, Head Start Services, Child Care Services, Social Worker and Information & Referral.

**Levelland Nursing Home:** Licensed for 87 Beds and Set Up for 75: Provides Long Term Care, Respite Care, Alzheimer's' Care, Skilled Nursing Care, Inpatient Physical Therapy, and Speech Therapy.

**Lynwood Nursing Home:** Licensed for 120 Beds and Set Up for 84. Provides Long Term Care Respite Care, Alzheimer's Secured Unit, Skilled Nursing Care, Inpatient Physical Therapy, Specialized Wound Care, Podiatrist Visits, Speech Therapy, Medical Transportation to Physician Visits.

**Beehive Assisted Living Facility:** Licensed for 14 Patients Provides Assisted Living Services, Respite Care and will admit Dementia and Alzheimer's Patients based on individual patient's disease process.

**Hickory House Assisted Living:** Licensed for 36 Patients Provides Assisted Living Services and Individual Care Plans based on the Patient's Needs.

**Home Health Agencies:** Accolade Home Health, Apria Home Health Services, Calvert Home Health

**Direct Home Health:** Girling Home Health

**Interim Home Health Services:** Community Action Home Health

**Dentists:** Paul Dunn DDS, Benjamin Lawson DDS, Jesus Rodriguez DDS, Richard McCasland DDS, Robert Fletcher DDS

**Levelland EMS:** Provides Emergency Medical Transportation

**Chiropractors:** Helton Chiropractic, McIlroy Chiropractic

**Physical Therapists:** McCombs & Associates Physical Therapists & Covenant Hospital Levelland

**Durable Medical Equipment (DME) Providers:** Tri-Care Medical Equipment & Area Wide

### **Appendix 3: Healthcare Facilities within Hockley County and Cochran County (continued)**

#### **Health Care Providers in the Community:**

***South Plains Rural Health (Federally Qualified Rural Health Clinic):*** Provides OB Clinic Comprehensive Primary Health Care Services, Pharmacy Services, Dental Services, & Counseling Services.

***South Plains Community Action:*** Provides WIC Program Services Primary Home, Care Community Living Assistance and Support Services, Home Health, Community Based Alternatives, Primary Health Care, Senior Companions, Public Health, The Champs Program for HIV infected Patients, The Ryan White HIV/AIDS Services, Medical Transportation, Head Start Services, Child Care Services, Social Worker and Information & Referral.

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**Home Health Agencies:** Accolade Home Health: Apria Home Health Services: Calvert Home Health

***Direct Home Health:*** Girling Home Health

**Interim Home Health Services:** Community Action Home Health

**Dentists:** Paul Dunn DDS: Benjamin Lawson DDS: Jesus Rodriguez DDS: Richard McCasland DDS:

**Levelland EMS:** Provides Emergency Medical Transportation

**Chiropractors:** Helton Chiropractic: McIlroy Chiropractic

**Physical Therapists:** McCombs & Associates Physical Therapists & Covenant Hospital Levelland:

**Durable Medical Equipment (DME) Providers:** Tri-Care Medical Equipment & Area Wide

**Appendix 4: Covenant Hospital Levelland Community Health Needs Assessment Planning Committee**

<b>Name</b>	<b>Title</b>	<b>Affiliation or Organization</b>
Jerry Osburn	CEO	Covenant Hospital Levelland
John Dolan	CFO	Covenant Hospital Levelland
Doris Jackson	Foundation & Social Services Director	Covenant Hospital Levelland

**Appendix 5: Covenant Levelland Board of Trustee Roster**

<b>Name</b>	<b>Title</b>	<b>Affiliation or Organization</b>
Kelvin Sharp PhD	President	South Plains College Levelland & Lubbock Campuses
Jesse Rodriguez, DDS	Dentist	Levelland
Joe Dee Brooks Board Chairman	Business Owner & Entrepreneur	Levelland
Joe Murfee Board Secretary	Realtor	Lubbock
Chris Roberts Vice Chairman	Retired Ag Lender	Levelland
Steve Beck	Vice President Regional Services Covenant Health	Lubbock

## Appendix 6. CHNA.org Report for Hockley and Cochran County



beta 2.0

### COMMUNITY HEALTH NEEDS ASSESSMENT

Advancing Community Health and Well Being

#### CHNA Data Report

##### DEMOGRAPHICS

<b>Report Area:</b> Cochran County, Texas; Hockley County, Texas	
<b>Demographics</b> // Social & Economic Factors // Physical Environment // Clinical Care // Health Behaviors // Health Outcomes	
Total Population	Median Age
Total Male Population	Change in Total Population
Total Female Population	Linguistically Isolated Population

Current population demographics and changes in demographic composition over time play a determining role in the types of health and social services needed by communities.

#### Total Population

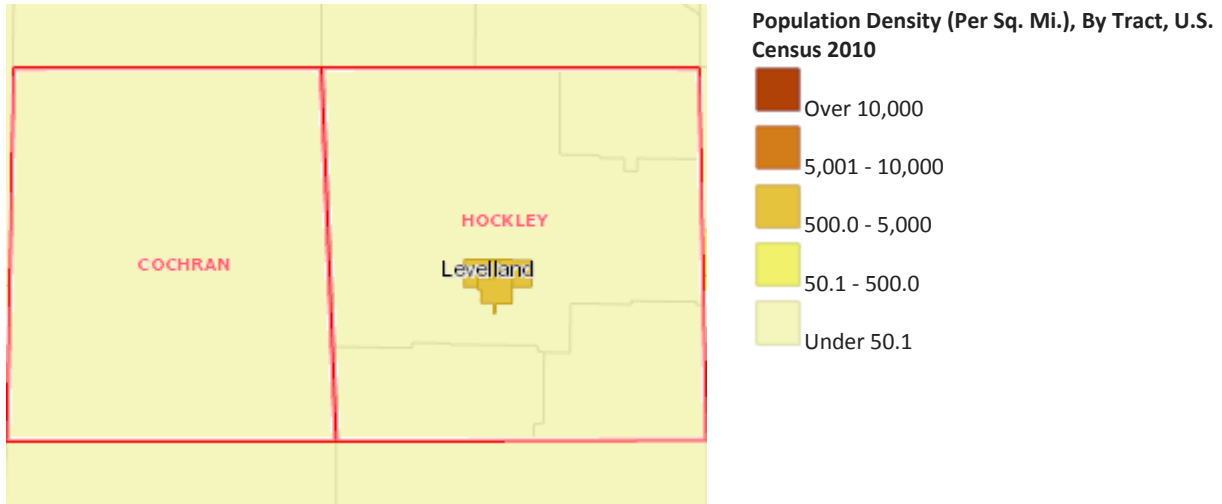
This indicator reports the total number of people in a specific geographic area. This indicator is relevant because population counts are necessary to quantify the community as defined.

Report Area	Total Population	Total Land Area (Square Miles)	Population Density (Per Square Mile)
Report Area	26,088	1,683.54	15.50
Cochran County	3,155	775.15	4.07
Hockley County	22,933	908.39	25.25
Texas	24,311,892	261,231.70	93.07
United States	303,965,271	3,531,905.50	86.06

*Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.*



**Covenant Hospital Levelland  
Community Health Needs Assessment Report**



**Total Population, by Gender**

Report Area	Male	Female	Percent Male	Percent Female
Report Area	12,832	13,256	49.19%	50.81%
Cochran County	1,530	1,625	48.49%	51.51%
Hockley County	11,302	11,631	49.28%	50.72%
Texas	12,058,770	12,253,121	49.60%	50.40%
United States	149,398,720	154,566,544	49.15%	50.85%

**Total Population, by Age Groups**

Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65
Report Area	1,953	5,180	3,207	3,110	3,001	3,522	2,773	3,342
Cochran County	240	688	288	375	421	377	332	434
Hockley County	1,713	4,492	2,919	2,735	2,580	3,145	2,441	2,908
Texas	1,903,554	4,768,681	2,523,285	3,490,467	3,433,085	3,322,901	2,403,276	2,466,642
United States	20,131,420	53,901,696	30,205,496	40,191,012	42,206,140	44,302,696	34,277,392	38,749,416

**Covenant Hospital Levelland  
Community Health Needs Assessment Report**

**Total Population, Percent by Age Groups**

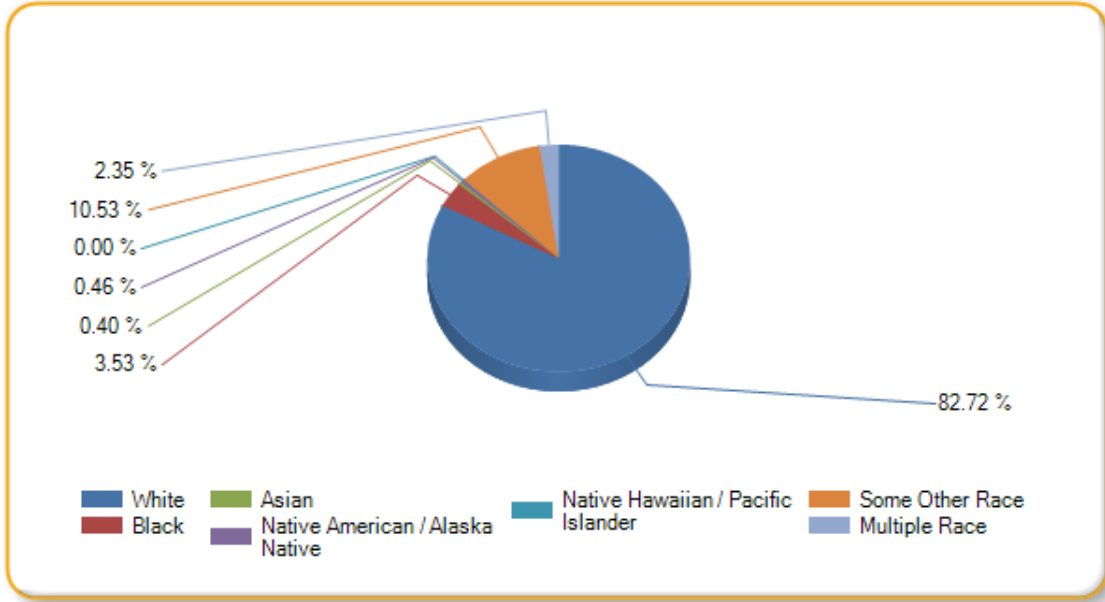
Report Area	Age 0-4	Age 5-17	Age 18-24	Age 25-34	Age 35-44	Age 45-54	Age 55-64	Age 65
Report Area	7.49%	19.86%	12.29%	11.92%	11.50%	13.50%	10.63%	12.81%
Cochran County	7.61%	21.81%	9.13%	11.89%	13.34%	11.95%	10.52%	13.76%
Hockley County	7.47%	19.59%	12.73%	11.93%	11.25%	13.71%	10.64%	12.68%
Texas	7.83%	19.61%	10.38%	14.36%	14.12%	13.67%	9.89%	10.15%
United States	6.62%	17.73%	9.94%	13.22%	13.89%	14.57%	11.28%	12.75%

**Total Population, by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	21,579	922	104	121	0	2,748	614
Cochran County	2,345	183	0	67	0	500	60
Hockley County	19,234	739	104	54	0	2,248	554
Texas	17,503,446	2,864,666	904,831	119,680	19,005	2,411,546	488,717
United States	224,895,696	37,978,752	14,185,493	2,480,465	491,673	16,603,808	7,329,381

**Total Population, Percent by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	82.72%	3.53%	0.40%	0.46%	0%	10.53%	2.35%
Cochran County	74.33%	5.80%	0%	2.12%	0%	15.85%	1.90%
Hockley County	83.87%	3.22%	0.45%	0.24%	0%	9.80%	2.42%
Texas	72%	11.78%	3.72%	0.49%	0.08%	9.92%	2.01%
United States	73.99%	12.49%	4.67%	0.82%	0.16%	5.46%	2.41%



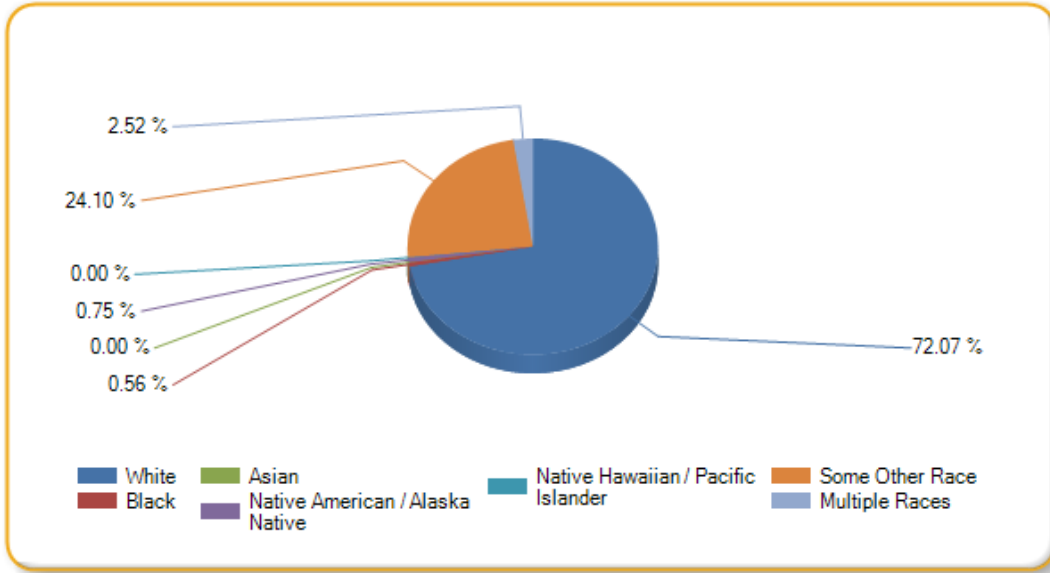
**Hispanic Population, Total by Race**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	8,101	63	0	84	0	2,709	283
Cochran County	991	16	0	64	0	493	25
Hockley County	7,110	47	0	20	0	2,216	258
Texas	6,216,734	54,548	11,850	51,936	2,131	2,367,755	212,523
United States	28,322,928	856,327	163,519	431,681	32,898	15,918,139	2,002,041

**Hispanic Population, Percent by Race**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	72.07%	0.56%	0%	0.75%	0%	24.10%	2.52%
Cochran County	62.37%	1.01%	0%	4.03%	0%	31.03%	1.57%
Hockley County	73.67%	0.49%	0%	0.21%	0%	22.96%	2.67%
Texas	69.71%	0.61%	0.13%	0.58%	0.02%	26.55%	2.38%
United States	59.34%	1.79%	0.34%	0.90%	0.07%	33.35%	4.19%

**Covenant Hospital Levelland  
Community Health Needs Assessment Report**

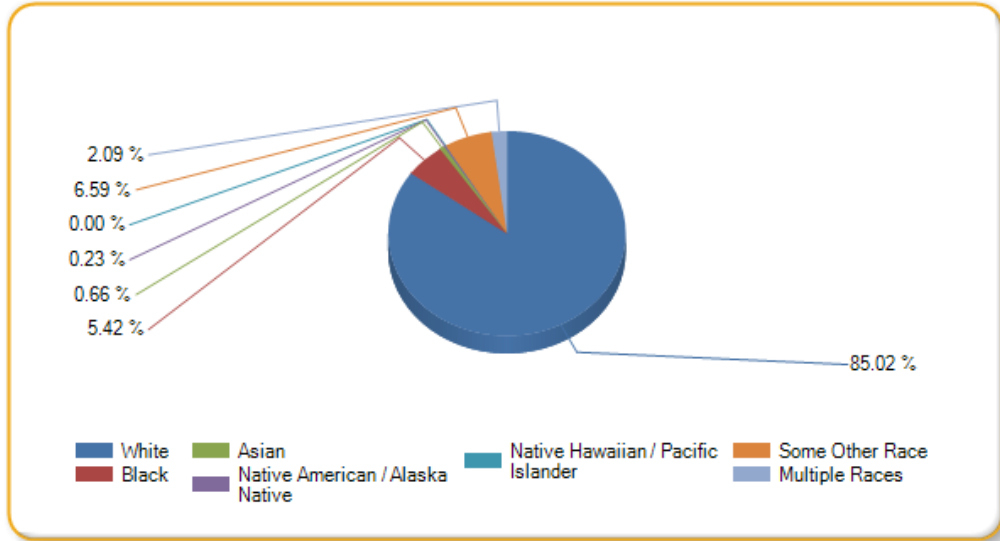


**Non-Hispanic Population, Total by Race**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	13,478	859	104	37	0	39	331
Cochran County	1,354	167	0	3	0	7	35
Hockley County	12,124	692	104	34	0	32	296
Texas	11,286,712	2,810,118	892,981	67,744	16,874	43,791	276,194
United States	196,572,768	37,122,424	14,021,974	2,048,784	458,775	685,669	5,327,340

**Non-Hispanic Population, Percent by Race**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	90.77%	5.79%	0.70%	0.25%	0%	7.03%	2.23%
Cochran County	86.46%	10.66%	0%	0.19%	0%	5.04%	2.23%
Hockley County	91.28%	5.21%	0.78%	0.26%	0%	7.27%	2.23%
Texas	73.32%	18.25%	5.80%	0.44%	0.11%	3.23%	1.79%
United States	76.71%	14.49%	5.47%	0.80%	0.18%	1.10%	2.08%

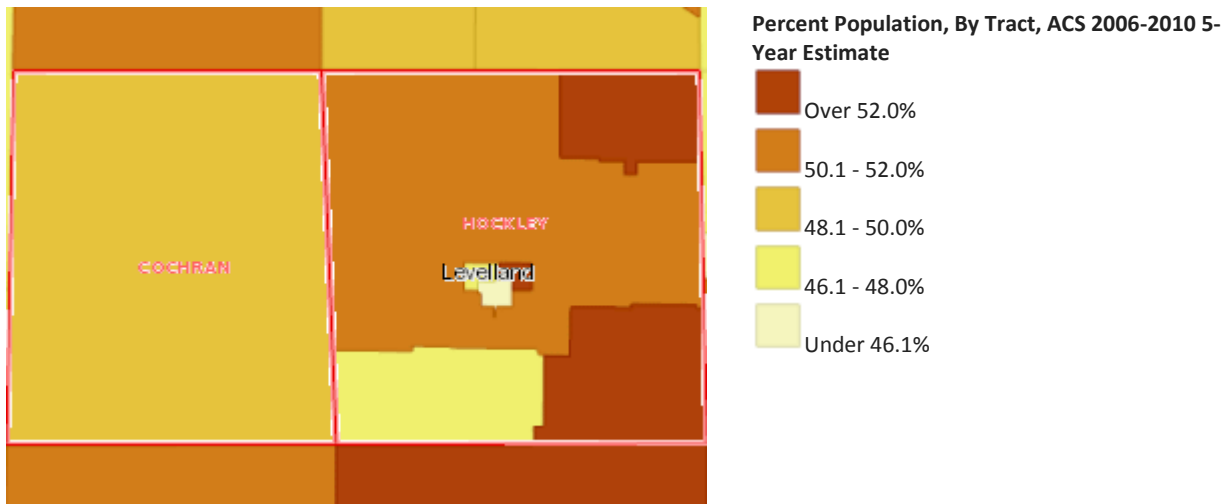


**Total Male Population**

This indicator reports the percentage of males in a specific geographic area. This indicator is relevant because it is important to understand the percentage of males in the community, as males have unique health needs which should be considered separately from female health needs.

Report Area	Total Population	Total Male Population	Percent Male Population
Report Area	26,088	12,832	49.19%
Cochran County	3,155	1,530	48.49%
Hockley County	22,933	11,302	49.28%
Texas	24,311,892	12,058,770	49.60%
United States	303,965,280	149,398,720	49.15%

Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.



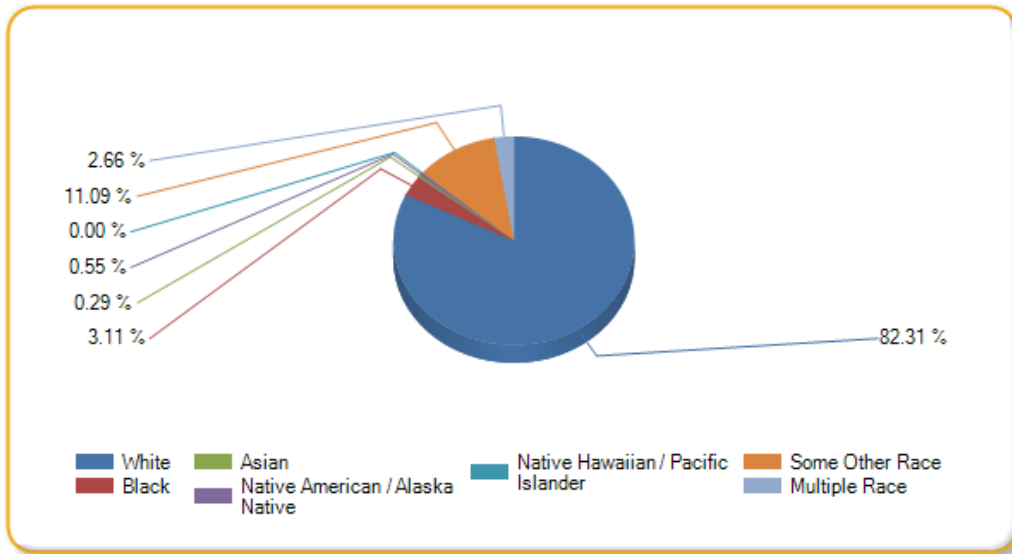
**Covenant Hospital Levelland  
Community Health Needs Assessment Report**

**Male Population, Total by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	10,562	399	37	70	0	1,423	341
Cochran County	1,136	53	0	37	0	272	32
Hockley County	9,426	346	37	33	0	1,151	309
Texas	8,688,058	1,380,297	440,598	60,959	9,109	1,236,757	242,992
United States	110,893,664	18,076,960	6,759,062	1,230,390	247,008	8,554,810	3,636,832

**Male Population, Percent by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	82.31%	3.11%	0.29%	0.55%	0%	11.09%	2.66%
Cochran County	74.25%	3.46%	0%	2.42%	0%	17.78%	2.09%
Hockley County	83.40%	3.06%	0.33%	0.29%	0%	10.18%	2.73%
Texas	72.05%	11.45%	3.65%	0.51%	0.08%	10.26%	2.02%
United States	74.23%	12.10%	4.52%	0.82%	0.17%	5.73%	2.43%

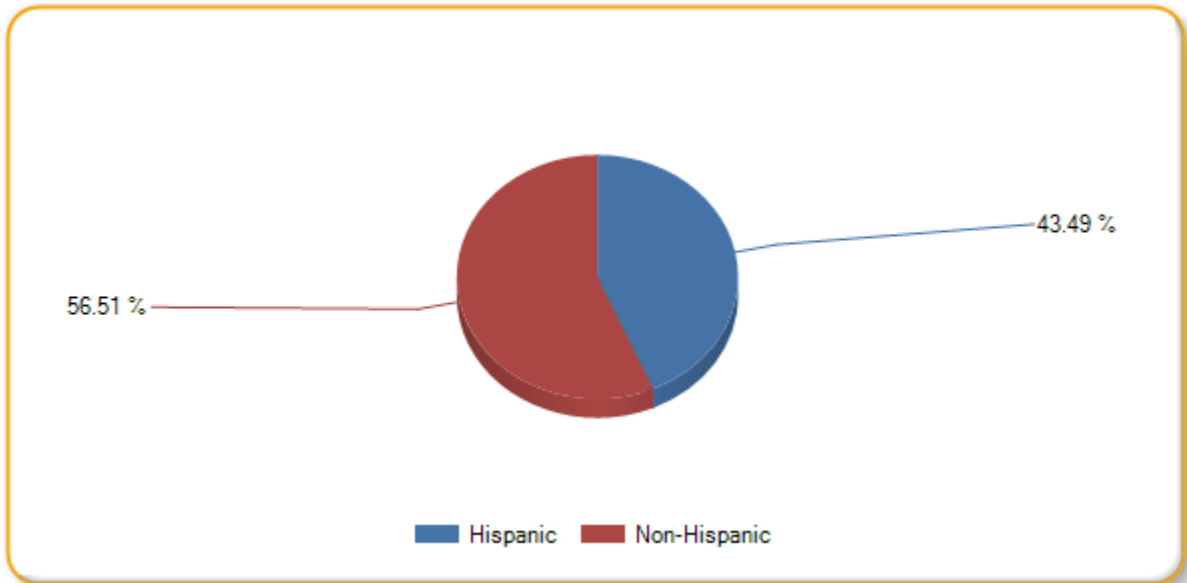


**Male Population, Total by Ethnicity Alone**

Report Area	Hispanic	Non-Hispanic
Report Area	5,581	7,251
Cochran County	796	734
Hockley County	4,785	6,517
Texas	4,498,560	7,560,210
United States	24,276,736	125,121,984

**Male Population, Percent by Ethnicity Alone**

Report Area	Hispanic	Non-Hispanic
Report Area	43.49%	56.51%
Cochran County	52.03%	47.97%
Hockley County	42.34%	57.66%
Texas	37.31%	62.69%
United States	16.25%	83.75%



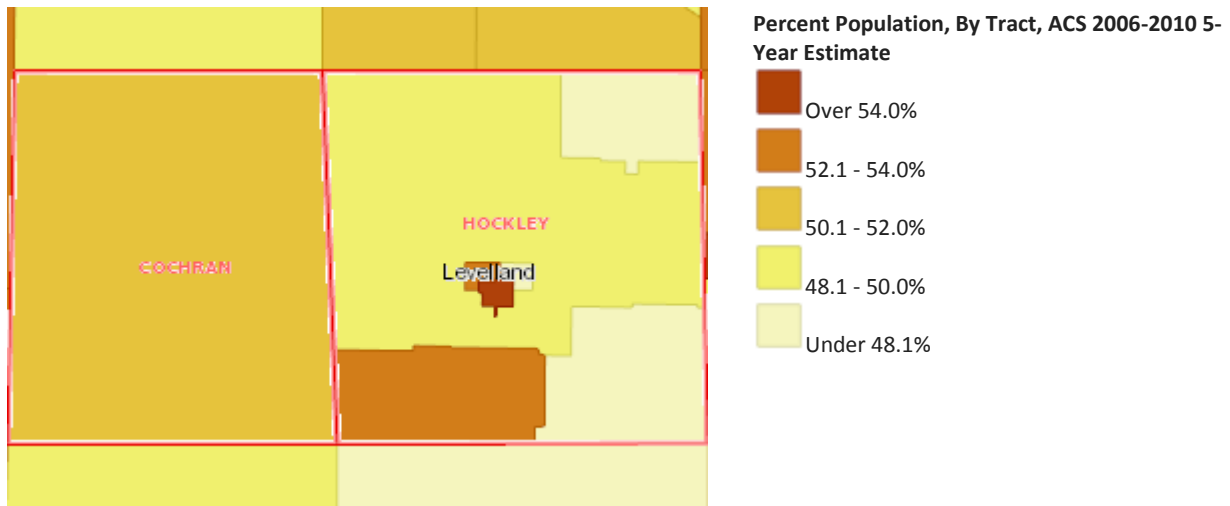
**Covenant Hospital Levelland  
Community Health Needs Assessment Report**

Total Female Population

This indicator reports the percentage of females in a specific geographic area. This indicator is relevant because it is important to understand the percentage of females in the community, as females have unique health needs which should be considered separately from male health needs.

Report Area	Total Population	Total Female Population	Percent Female Population
Report Area	26,088	13,256	50.81%
Cochran County	3,155	1,625	51.51%
Hockley County	22,933	11,631	50.72%
Texas	24,311,892	12,253,121	50.40%
United States	303,965,280	154,566,544	50.85%

Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.



**Female Population, Total by Race Alone**

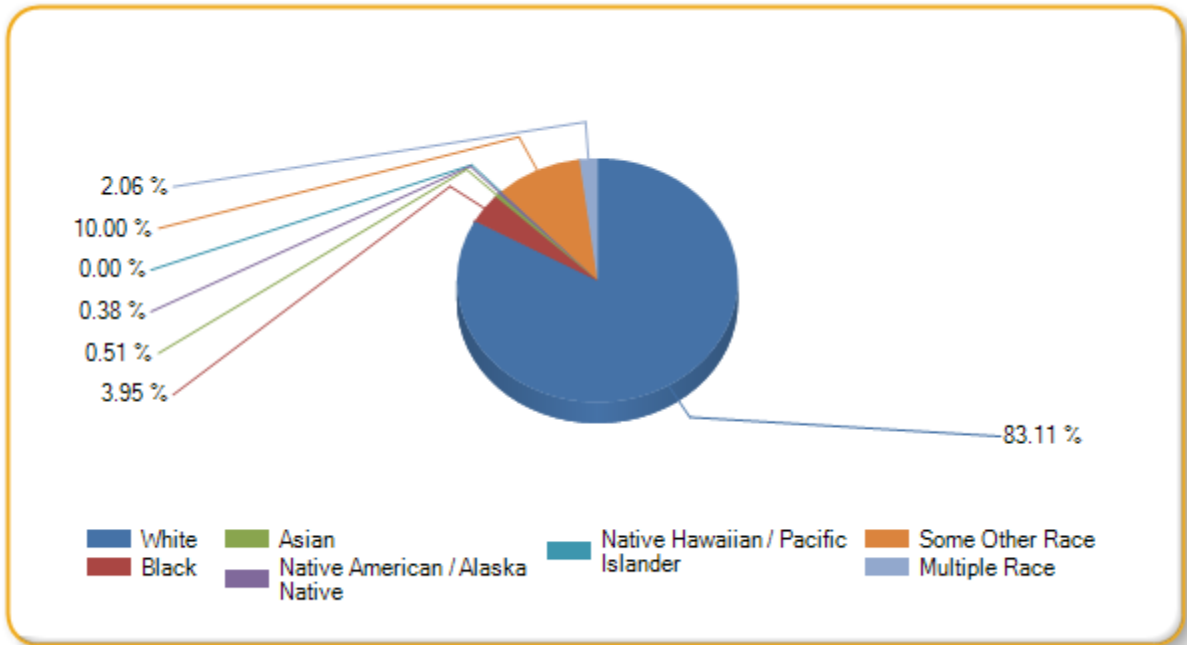
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	11,017	523	67	51	0	1,325	273
Cochran County	1,209	130	0	30	0	228	28
Hockley County	9,808	393	67	21	0	1,097	245
Texas	8,815,388	1,484,369	464,233	58,721	9,896	1,174,789	245,725
United States	114,002,040	19,901,792	7,426,431	1,250,075	244,665	8,048,998	3,692,549



**Covenant Hospital Levelland  
Community Health Needs Assessment Report**

**Female Population, Percent by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	83.11%	3.95%	0.51%	0.38%	0%	10.00%	2.06%
Cochran County	74.40%	8%	0%	1.85%	0%	14.03%	1.72%
Hockley County	84.33%	3.38%	0.58%	0.18%	0%	9.43%	2.11%
Texas	71.94%	12.11%	3.79%	0.48%	0.08%	9.59%	2.01%
United States	73.76%	12.88%	4.80%	0.81%	0.16%	5.21%	2.39%

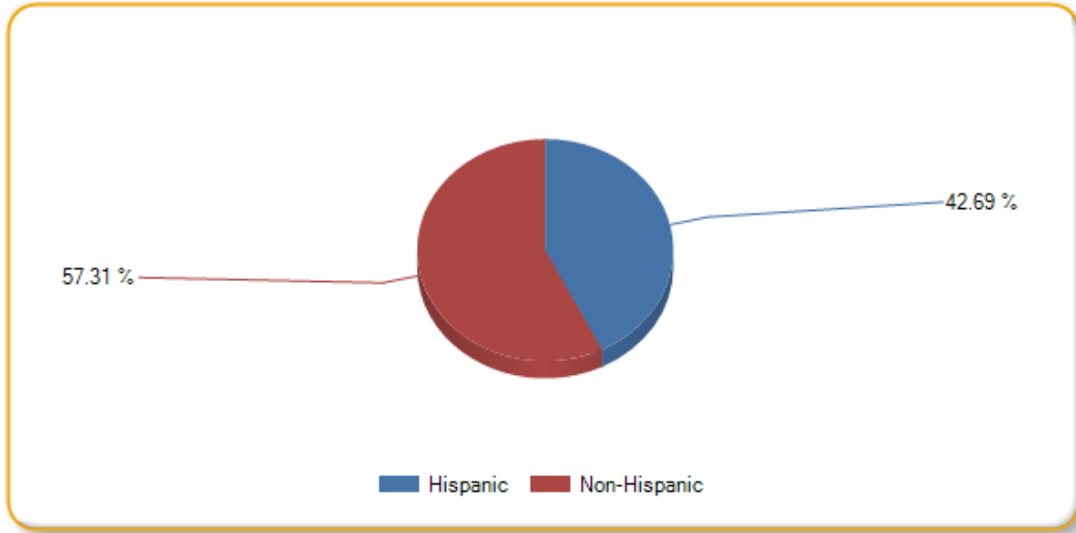


**Female Population, Total by Ethnicity Alone**

Report Area	Hispanic	Non-Hispanic
Report Area	5,659	7,597
Cochran County	793	832
Hockley County	4,866	6,765
Texas	4,418,917	7,834,204
United States	23,450,798	131,115,744

**Female Population, Percent by Ethnicity Alone**

Report Area	Hispanic	Non-Hispanic
Report Area	42.69%	57.31%
Cochran County	48.80%	51.20%
Hockley County	41.84%	58.16%
Texas	36.06%	63.94%
United States	15.17%	84.83%



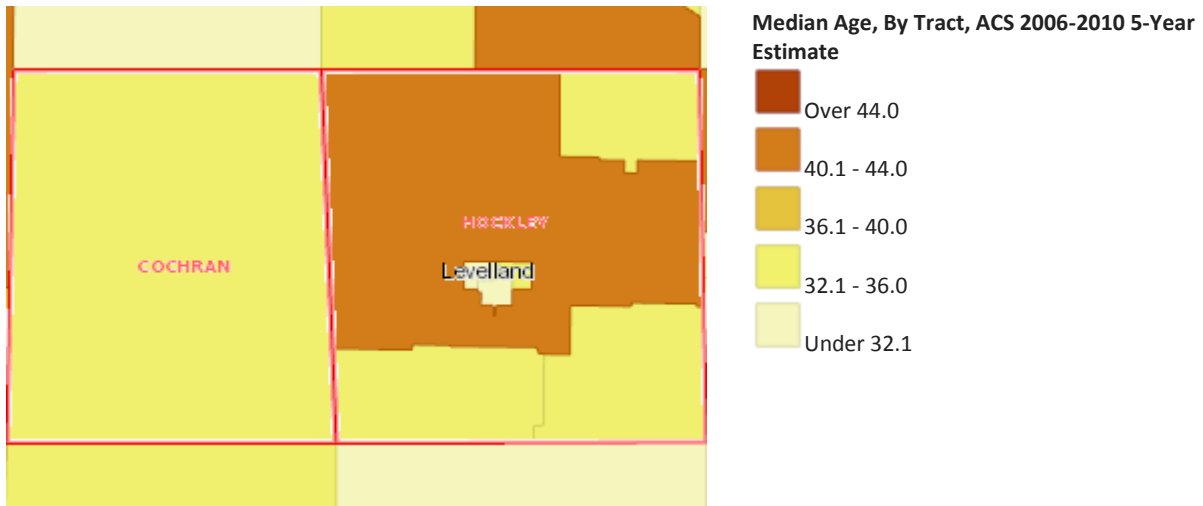
Median Age

This indicator reports the median age according to the 2010 Census population estimate. This indicator is relevant because the age demographics of a population indicate the potential for age-specific conditions and a demand for related services.

Report Area	Total Population	Median Age
Report Area	26,088	no data
Cochran County	3,155	34.60
Hockley County	22,933	33.40
Texas	24,311,892	33.40
United States	303,965,280	36.90

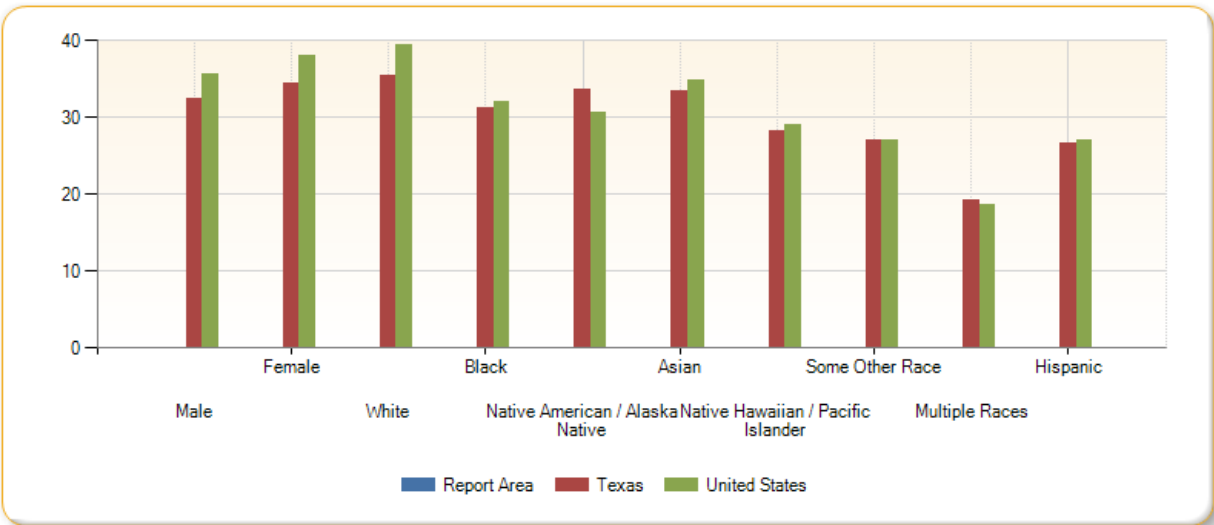
Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.

**Covenant Hospital Levelland  
Community Health Needs Assessment Report**



**Population Median Age, by Gender / Race / Ethnicity**

Report Area	Male	Female	White	Black	Native American / Alaska Native	Asian	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races	Hispanic
Report Area	no data	no data	no data	no data	no data	no data	no data	no data	no data	no data
Cochran County	37.10	32.90	37.20	40	21.30	no data	no data	28.30	35.50	27
Hockley County	31.90	34.60	35	21.80	45.80	29.70	no data	30	17.40	25.90
Texas	32.40	34.50	35.40	31.20	33.70	33.50	28.20	27.10	19.20	26.70
United States	35.60	38.10	39.50	32	30.70	34.90	29.10	27.10	18.60	27



**Covenant Hospital Levelland  
Community Health Needs Assessment Report**

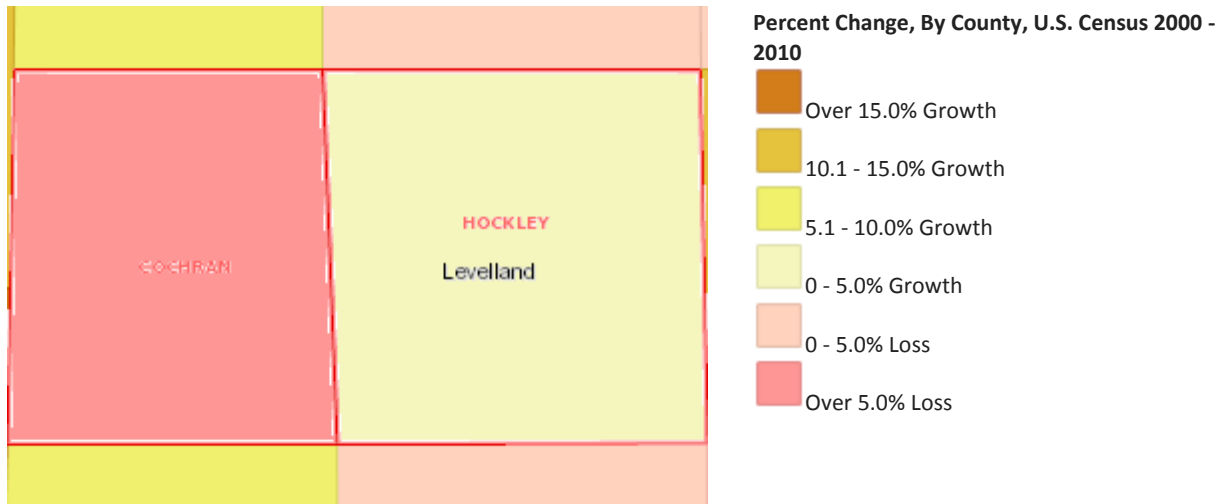
Change in Total Population

This indicator reports the percent difference in population counts from the 2000 Census population estimate to the 2010 Census population estimate. This indicator is relevant because a positive or negative shift in total population over time impacts healthcare providers and the utilization of community resources.

Report Area	Total Population, 2010 Census	Total Population, 2000 Census	Percent Change from 2000-2010 Census
Report Area	26,062	26,446	-1.45%
Cochran County	3,127	3,730	-16.17%
Hockley County	22,935	22,716	0.96%
Texas	25,145,561	20,851,820	20.59%
United States	308,745,538	281,421,906	9.71%

*Note: No breakout data available.*

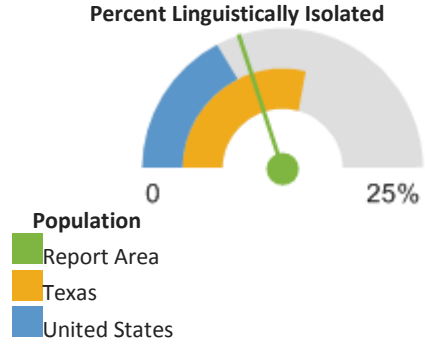
*Data Source: [U.S. Census Bureau, 2000 Census of Population and Housing, Summary File 1](#); [U.S. Census Bureau, 2010 Census of Population and Housing, Summary File 1](#). Source geography: County.*



Linguistically Isolated Population

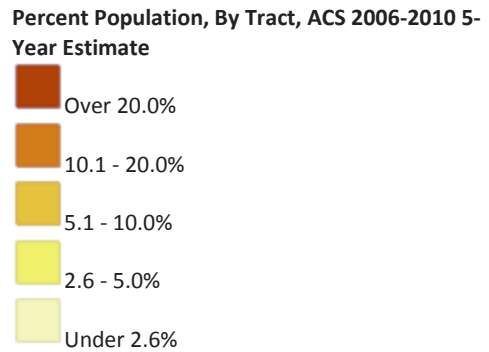
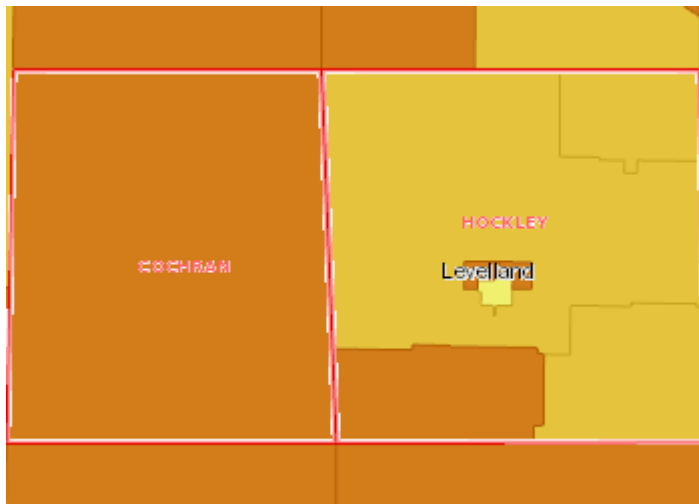
This indicator reports the percentage of the population aged 5 and older who speak a language other than English at home and speak English less than "very well." This indicator is relevant because an inability to speak English well creates barriers to healthcare access, provider communications, and health literacy/education.

Report Area	Total Population (For Whom Linguistic Isolation is Determined)	Total Linguistically Isolated Population	Percent Linguistically Isolated Population
Report Area	24,135	2,415	10.01%
Cochran County	2,915	559	19.18%
Hockley County	21,220	1,856	8.75%
Texas	22,408,336	3,234,813	14.44%
United States	283,833,856	24,704,752	8.70%



Note: This indicator is compared with the state average.

Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.

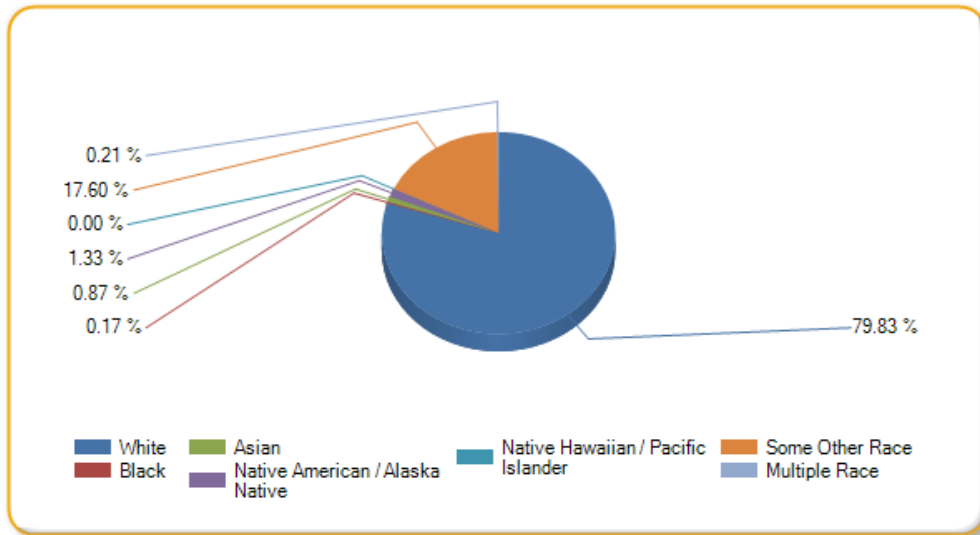


**Linguistically Isolated Population, Total by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	1,928	4	21	32	0	425	5
Cochran County	364	0	0	32	0	159	4
Hockley County	1,564	4	21	0	0	266	1
Texas	1,987,249	41,454	293,480	17,473	1,707	850,686	42,764
United States	12,309,267	954,660	4,701,656	195,876	59,176	6,061,060	423,059

**Linguistically Isolated Population, Percent by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	7.99%	0.02%	0.09%	0.13%	0%	1.76%	0.02%
Cochran County	65.12%	0%	0%	5.72%	0%	28.44%	0.72%
Hockley County	84.27%	0.22%	1.13%	0%	0%	14.33%	0.05%
Texas	61.43%	1.28%	9.07%	0.54%	0.05%	26.30%	1.32%
United States	49.83%	3.86%	19.03%	0.79%	0.24%	24.53%	1.71%

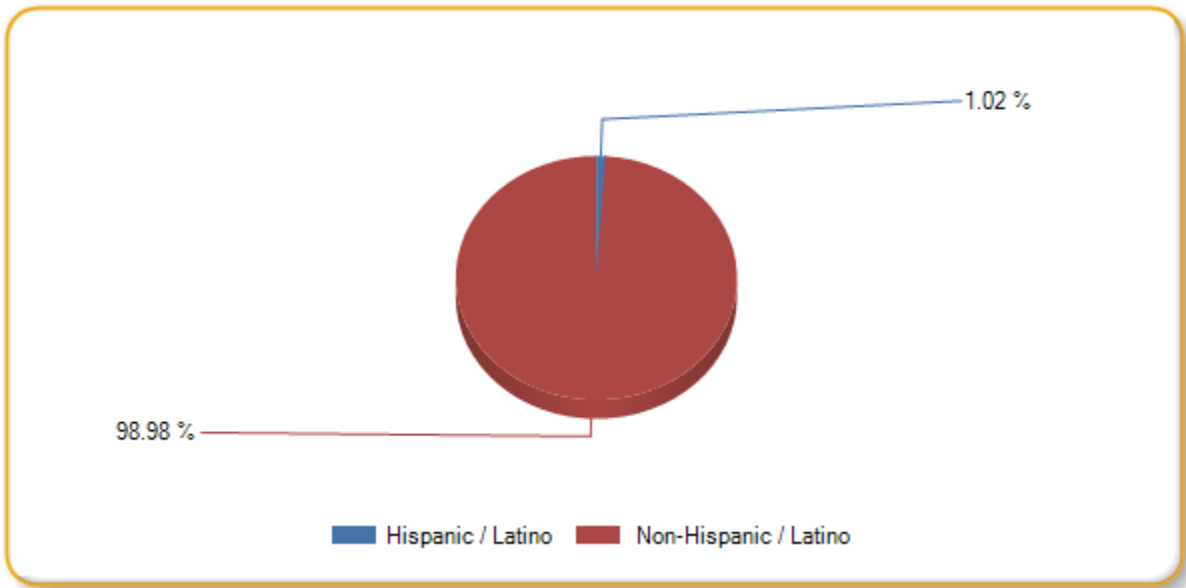


**Linguistically Isolated Population, Total by Ethnicity Alone**

Report Area	Hispanic / Latino	Non-Hispanic / Latino
Report Area	2,251	164
Cochran County	525	34
Hockley County	1,726	130
Texas	2,784,309	450,504
United States	15,773,722	8,931,030

**Linguistically Isolated Population, Percent by Ethnicity Alone**

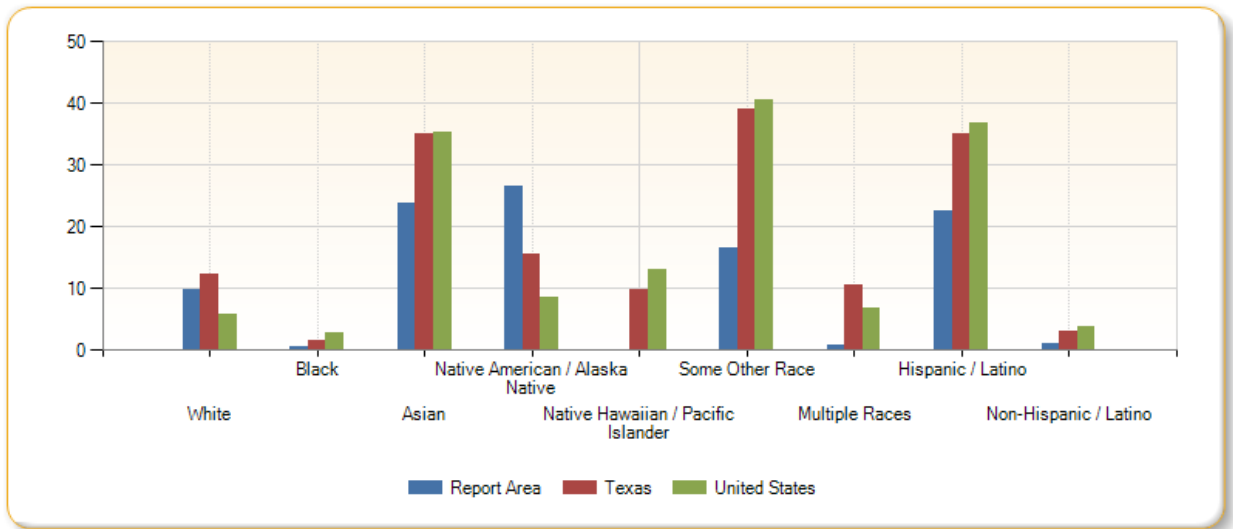
Report Area	Hispanic / Latino	Non-Hispanic / Latino
Report Area	9.33%	906.17%
Cochran County	93.92%	6.08%
Hockley County	93%	7%
Texas	86.07%	13.93%
United States	63.85%	36.15%



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**Population by Race/Ethnicity, Percent Linguistically Isolated**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races	Hispanic / Latino	Non-Hispanic / Latino
Report Area	9.69%	0.45%	23.86%	26.45%	no data	16.45%	0.90%	22.44%	1.16%
Cochran County	17.13%	0%	0%	47.76%	0%	32.52%	7.02%	37.08%	2.27%
Hockley County	8.80%	0.57%	23.86%	0%	0%	12.70%	0.20%	20.03%	1.03%
Texas	12.25%	1.57%	34.98%	15.61%	9.76%	39.18%	10.48%	34.95%	3.12%
United States	5.82%	2.72%	35.37%	8.58%	13.05%	40.45%	6.91%	36.89%	3.70%





**SOCIAL & ECONOMIC FACTORS**

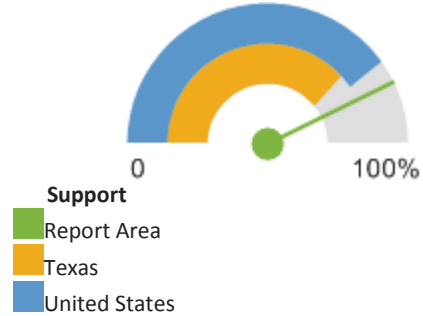
Economic and social insecurity often are associated with poor health. Poverty, unemployment, and lack of educational achievement affect access to care and a community’s ability to engage in healthy behaviors. Without a network of support and a safe community, families cannot thrive. Ensuring access to social and economic resources provides a foundation for a healthy community.

Adequate Social or Emotional Support

This indicator reports the percentage of adults aged 18 and older who self-report receiving sufficient social and emotional support all of most of the time. This indicator is relevant because social and emotional support is critical for navigating the challenges of daily life as well as for good mental health. Social and emotional support is also linked to educational achievement and economic stability.

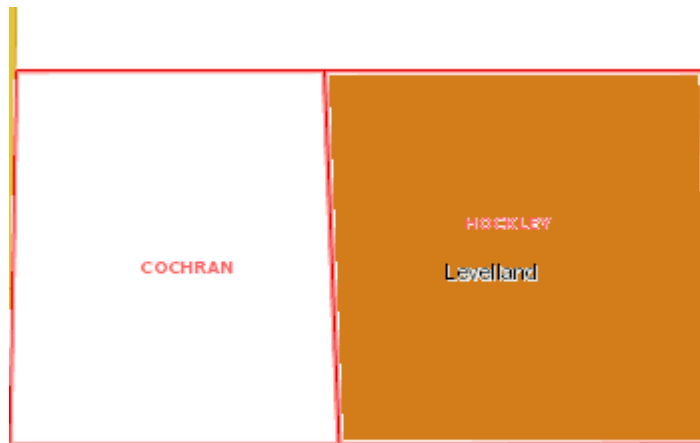
Report Area	Surveyed Population (Age 18 )	Adults Reporting Adequate Social or Emotional Support	Percent Adults Reporting Adequate Social or Emotional Support
Report Area	187	160	85.56%
Cochran County	no data	no data	no data
Hockley County	187	160	85.40%
Texas	73,995	56,976	77.00%
United States	2,744,636	2,204,749	80.33%

**Percent Adults Reporting Adequate Social or Emotional**

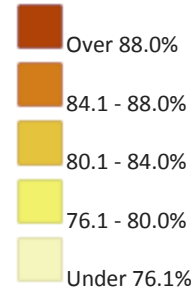


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.*



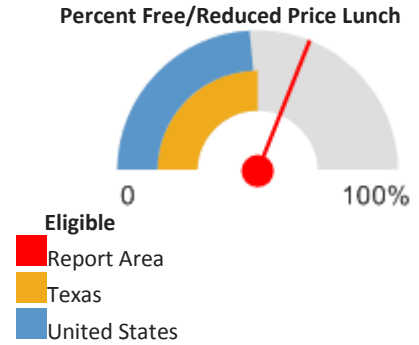
**Pct. of Adults With Adequate Social or Emotional Support, by County, BRFSS 2006-2010**



Children Eligible for Free/Reduced Price Lunch

This indicator reports the percentage of public school students eligible for free or reduced price lunches. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs. Additionally, when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

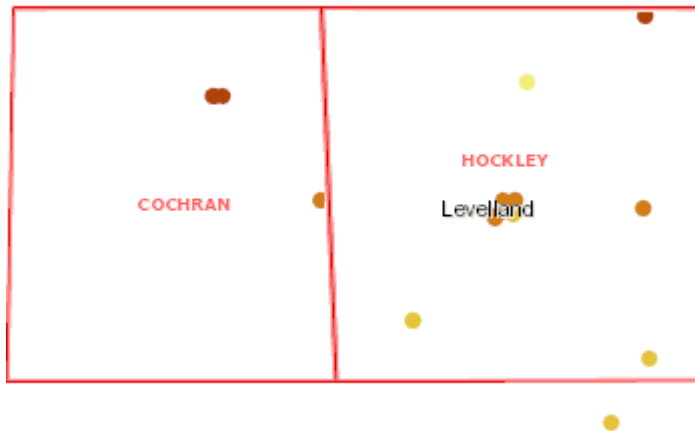
Report Area	Total Student Enrollment	Number Free/Reduced Price Lunch Eligible	Percent Free/Reduced Price Lunch Eligible
Report Area	5,490	3,407	<b>62.06%</b>
Cochran County	746	564	<b>75.60%</b>
Hockley County	4,744	2,843	<b>59.93%</b>
Texas	4,933,161	2,470,978	50.09%
United States	49,692,766	24,021,069	48.34%



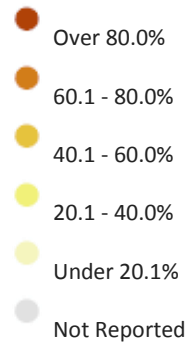
*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Department of Education, National Center for Education Statistics \(NCES\), Common Core of Data, Public School Universe File, 2010-2011.](#)*

*Source geography: Address.*



**Percentage of Students Eligible for Free or Reduced Price Lunch, by School, NCES 2010-2011**

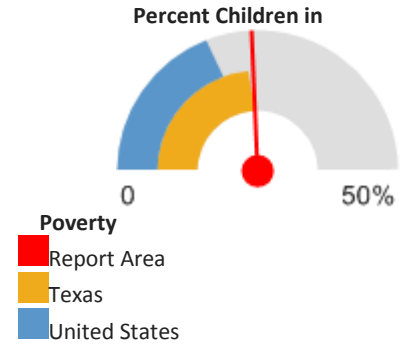


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Children in Poverty

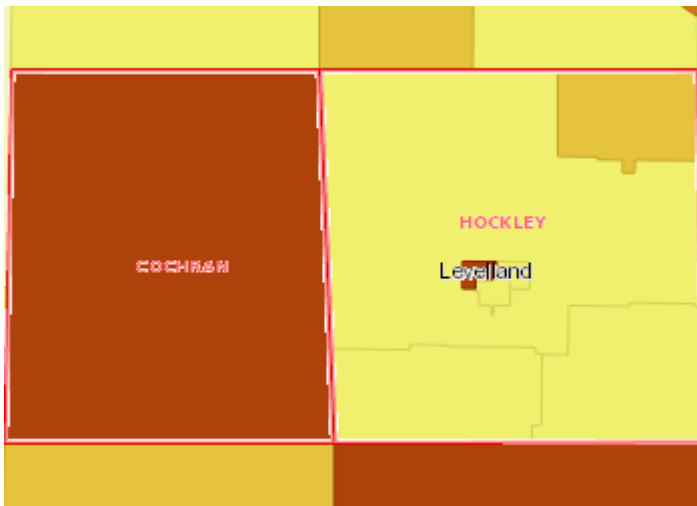
This indicator reports the percentage of children aged 0-17 living under 100% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population (For Whom Poverty Status is Determined)	Children in Poverty	Percent Children in Poverty
Report Area	6,926	1,684	<b>24.31%</b>
Cochran County	790	337	<b>42.66%</b>
Hockley County	6,136	1,347	<b>21.95%</b>
Texas	6,583,681	1,567,204	23.80%
United States	72,850,296	13,980,497	19.19%

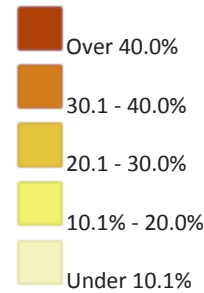


Note: This indicator is compared with the state average.

Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.



Percentage of Children (Age 0-17), by Tract, ACS 2006-2010 5-Year Estimate



**Children in Poverty, Total by Gender**

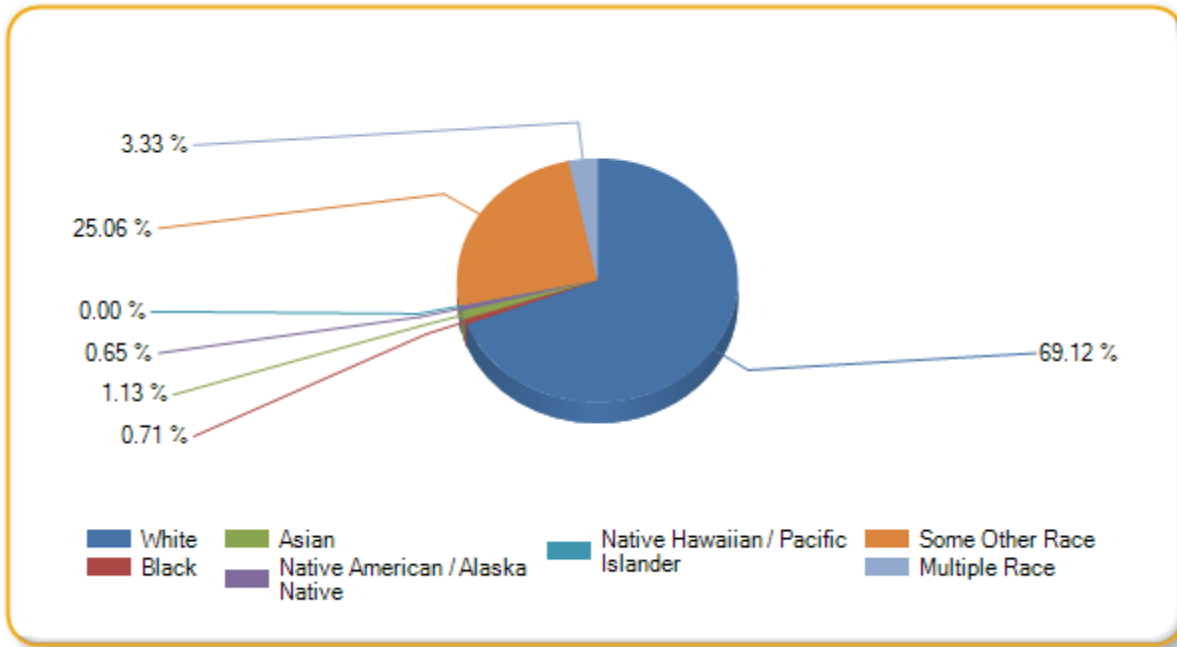
Report Area	Male	Female	Percent Male	Percent Female	Percent of Males in Poverty	Percent of Females in Poverty
Report Area	825	859	48.99%	51.01%	23.17%	25.52%
Cochran County	219	118	64.99%	35.01%	52.64%	31.55%
Hockley County	606	741	44.99%	55.01%	19.27%	24.77%
Texas	791,363	775,841	50.50%	49.50%	23.51%	24.11%
United States	7,085,844	6,894,653	50.68%	49.32%	19.02%	19.37%

**Children in Poverty, Total by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Report Area	1,164	12	19	11	0	422	56
Cochran County	196	12	0	11	0	106	12
Hockley County	968	0	19	0	0	316	44
Texas	962,371	263,801	25,588	7,672	1,228	263,569	42,975
United States	7,234,142	3,755,610	371,383	238,827	30,732	1,651,652	698,151

**Children in Poverty, Percent by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Report Area	69.12%	0.71%	1.13%	0.65%	0%	25.06%	3.33%
Cochran County	58.16%	3.56%	0%	3.26%	0%	31.45%	3.56%
Hockley County	71.86%	0%	1.41%	0%	0%	23.46%	3.27%
Texas	61.41%	16.83%	1.63%	0.49%	0.08%	16.82%	2.74%
United States	51.74%	26.86%	2.66%	1.71%	0.22%	11.81%	4.99%

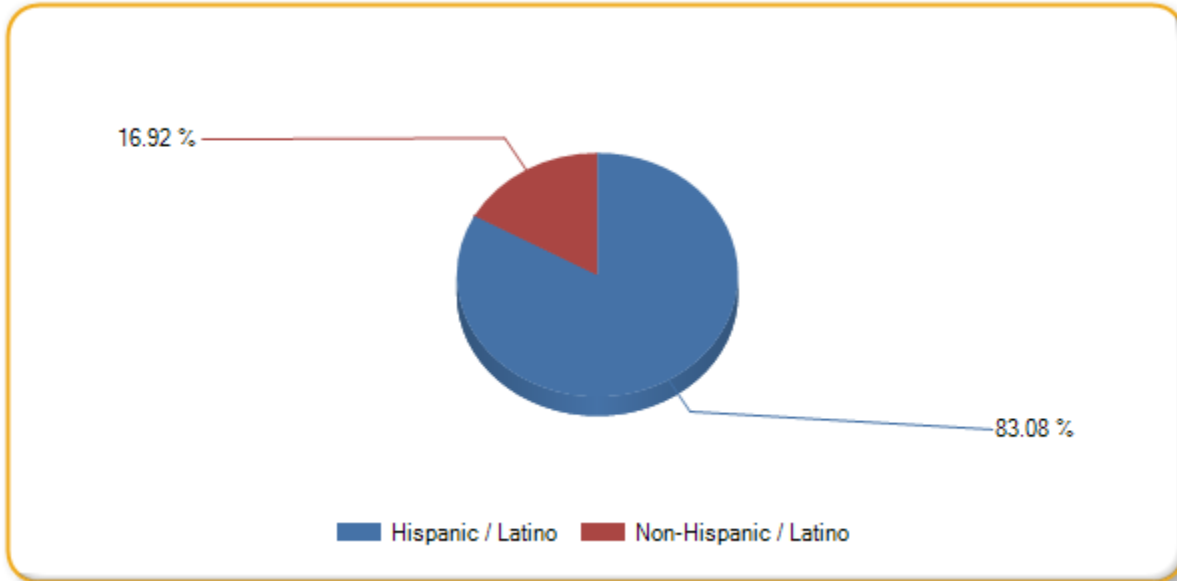


**Children in Poverty, Total by Ethnicity Alone**

Report Area	Hispanic / Latino	Non-Hispanic / Latino
Report Area	1,399	285
Cochran County	310	27
Hockley County	1,089	258
Texas	1,038,473	528,731
United States	4,685,914	9,294,583

**Children in Poverty, Percent by Ethnicity Alone**

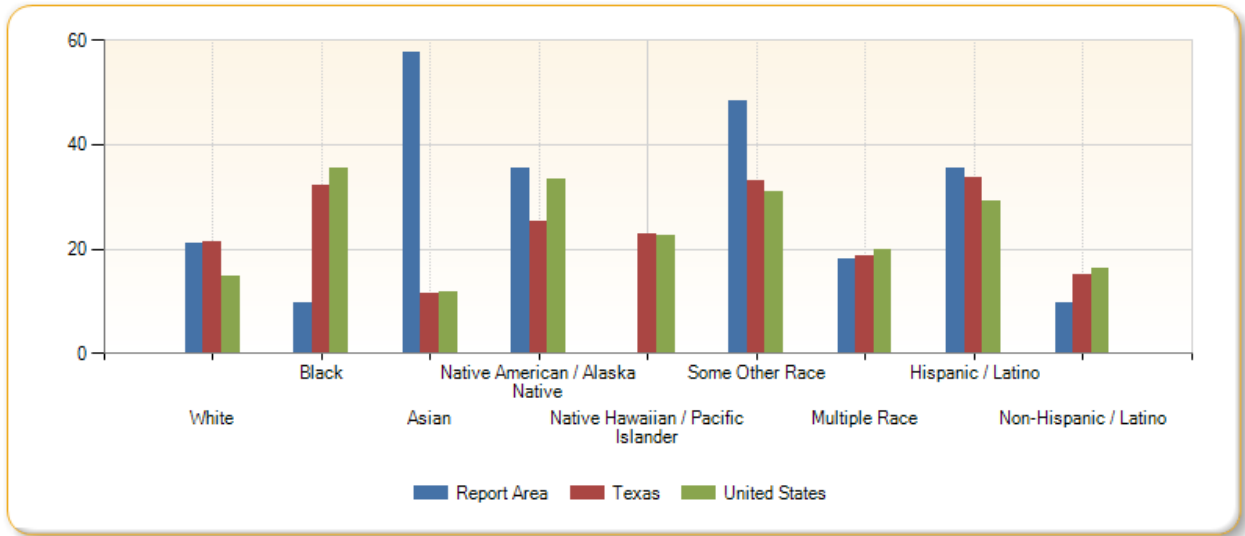
Report Area	Hispanic / Latino	Non-Hispanic / Latino
Report Area	83.08%	16.92%
Cochran County	91.99%	8.01%
Hockley County	80.85%	19.15%
Texas	66.26%	33.74%
United States	33.52%	66.48%



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**Children by Race / Ethnicity, Percent in Poverty**

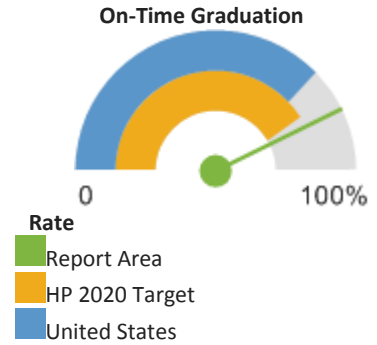
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race	Hispanic / Latino	Non-Hispanic / Latino
Report Area	20.95%	9.76%	57.58%	35.48%	no data	48.39%	18.06%	35.41%	9.58%
Cochran County	35.57%	52.17%	0%	45.83%	0%	64.24%	44.44%	54.96%	11.95%
Hockley County	19.34%	0%	57.58%	0%	0%	44.70%	15.55%	32.15%	9.39%
Texas	21.47%	32.22%	11.54%	25.35%	23%	33.08%	18.72%	33.53%	15.17%
United States	14.64%	35.40%	11.84%	33.34%	22.62%	30.86%	19.94%	29.21%	16.36%



**High School Graduation Rate**

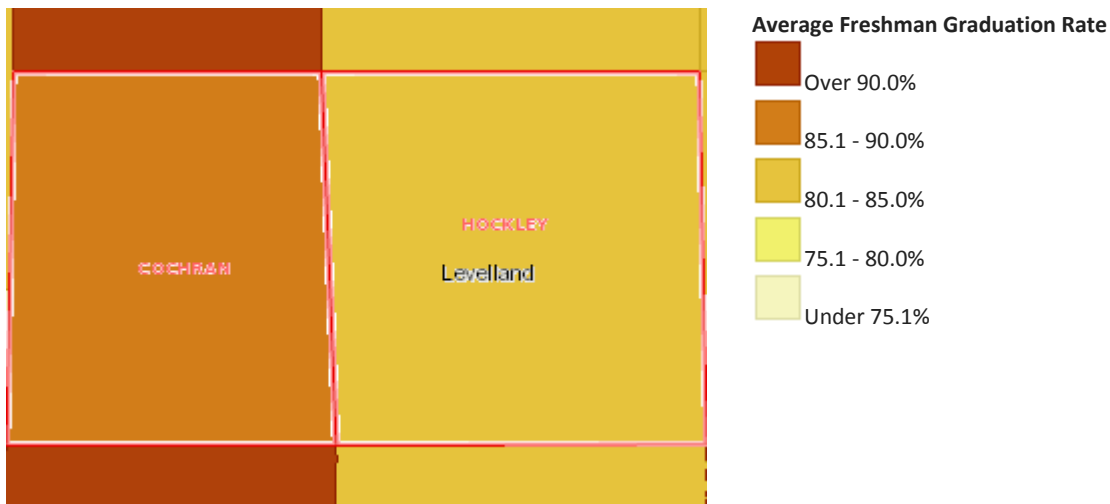
This indicator reports the average freshman graduate rate, which measures the percentage of students receiving their high school diploma within four years. This indicator is relevant because low levels of education are often linked to poverty and poor health.

Report Area	Average Freshman Base Enrollment	Estimated Number of Diplomas Issued	On-Time Graduation Rate
Report Area	437	374	85.40
Cochran County	62	56	90
Hockley County	376	318	84.70
Texas	350,368	264,275	75.40
United States	4,024,345	3,039,015	75.50
<a href="#">HP 2020 Target</a>			>82.4



Note: This indicator is compared with the Healthy People 2020 Target. No breakout data available.

Data Source: [The University of Wisconsin, Population Health Institute, County Health Rankings, 2012](#) and the [U.S. Department of Education, National Center for Education Statistics \(NCES\), Common Core of Data, Public School Universe Survey Data, 2005-06, 2006-07 and 2007-08](#). Source geography: County.



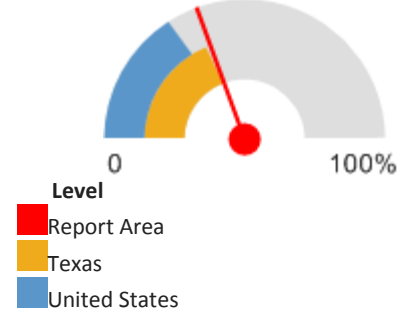
**Covenant Hospital Levelland  
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Population Below 200% of Poverty Level

This indicator reports the percentage of the population living under 200% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

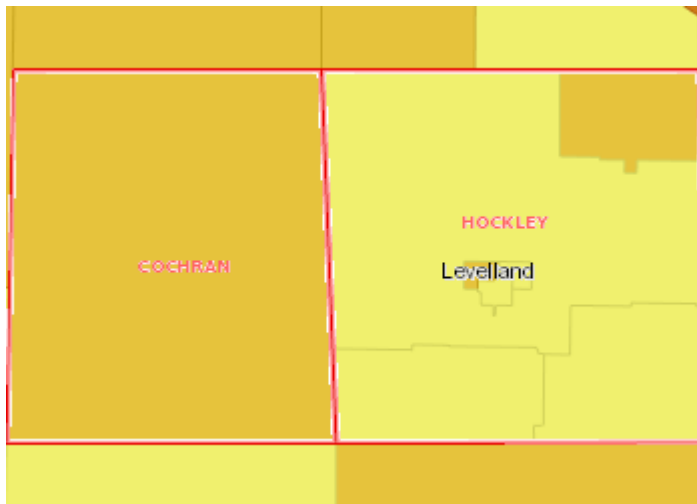
Report Area	Total Population (For Whom Poverty Status is Determined)	Population with Income Below 200% Poverty Level	Percent Population with Income Below 200% Poverty Level
Report Area	24,769	9,615	<b>38.82%</b>
Cochran County	3,017	1,715	<b>56.84%</b>
Hockley County	21,752	7,900	<b>36.32%</b>
Texas	23,707,680	8,957,285	37.78%
United States	296,141,152	94,693,416	31.98%

**Percent Population with Income Below 200% Poverty**

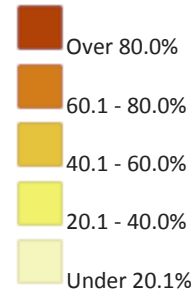


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.*



**Percentage of Total Population, By Tract, ACS 2006-2010 5-Year Estimate**



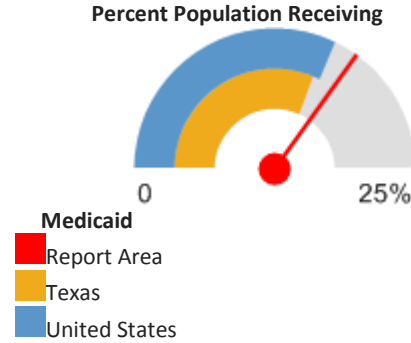


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Population Receiving Medicaid

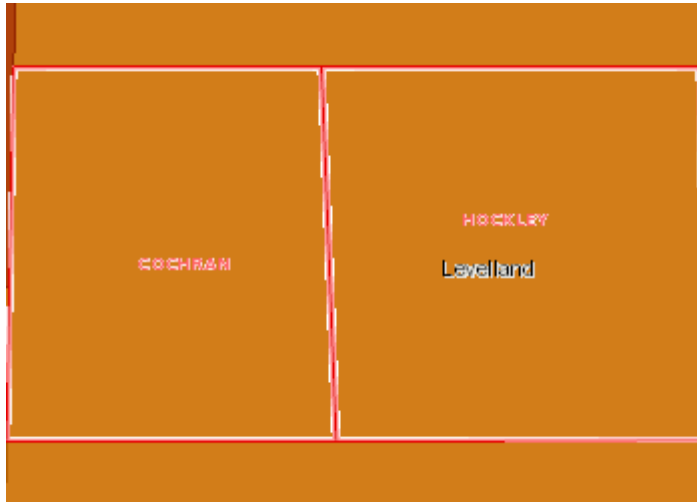
This indicator reports the percentage of the population that is enrolled in Medicaid. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

Report Area	Population (for Whom Insurance Status is Determined)	Population Receiving Medicaid	Percent Population Receiving Medicaid
Report Area	12,970	3,948	17.44%
Cochran County	no data	no data	no data
Hockley County	22,969	3,948	17.44%
Texas	24,298,280	3,814,835	15.70%
United States	301,501,760	48,541,096	16.10%



Note: This indicator is compared with the state average.

Data Source: [U.S. Census Bureau, 2008-2010 American Community Survey 3-Year Estimates](#). Source geography: PUMA.



**Population by Gender, Total Receiving Medicaid**

Report Area	Male	Female	Percent Male	Percent Female	Percent of Males Receiving Medicaid	Percent of Females Receiving Medicaid
Report Area	2,072	1,876	52.48%	47.52%	18.50%	16.41%
Cochran County	2,072	1,876	52.48%	47.52%	18.50%	16.41%
Texas	1,772,889	2,041,946	46.47%	53.53%	14.88%	16.49%
United States	21,858,516	26,682,578	45.03%	54.97%	14.87%	17.27%

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**Population by Age Group, Total Receiving Medicaid**

Report Area	Age 0-17	Age 18-64	Age 65	Percent Age 0-17	Percent Age 18-64	Percent Age 65
Report Area	2,363	1,172	413	59.85%	29.69%	10.46%
Cochran County	2,363	1,172	413	59.85%	29.69%	10.46%
Texas	2,357,264	1,035,311	422,260	61.79%	27.14%	11.07%
United States	24,267,754	18,415,838	5,857,503	49.99%	37.94%	12.07%

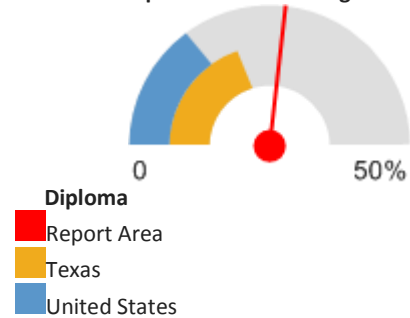
Population with No High School Diploma

Educational attainment is considered a *key driver* of health status.

This indicator reports the percentage of the population aged 25 and older without a high school diploma (or equivalency) or higher. This indicator is relevant because low levels of education are often linked to poverty and poor health.

Report Area	Total Population (For Whom Educational Attainment is Determined)	Population with No High School Diploma	Percent Population with No High School Diploma
Report Area	15,748	4,224	<b>26.82%</b>
Cochran County	1,939	649	<b>33.47%</b>
Hockley County	13,809	3,575	<b>25.89%</b>
Texas	15,116,371	3,020,998	19.98%
United States	199,726,656	29,898,482	14.97%

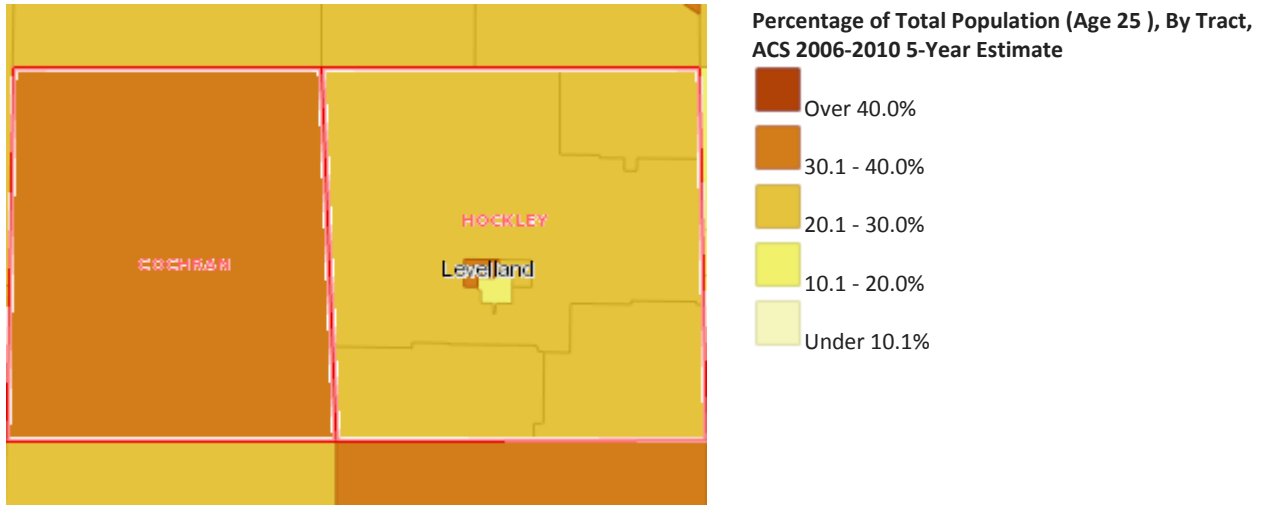
**Percent Population with No High School**



*Note: This indicator is compared with the state average.*

*Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.*

**Covenant Hospital Levelland  
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**Population with No High School Diploma, Total by Gender**

Report Area	Male	Female	Percent Male	Percent Female	Percent of Males with No High School Diploma	Percent of Females with No High School Diploma
Report Area	2,206	2,018	52.23%	47.77%	28.93%	24.84%
Cochran County	387	262	59.63%	40.37%	39.73%	27.15%
Hockley County	1,819	1,756	50.88%	49.12%	27.35%	24.53%
Texas	1,507,855	1,513,143	49.91%	50.09%	20.53%	19.47%
United States	14,979,577	14,918,906	50.10%	49.90%	15.60%	14.39%

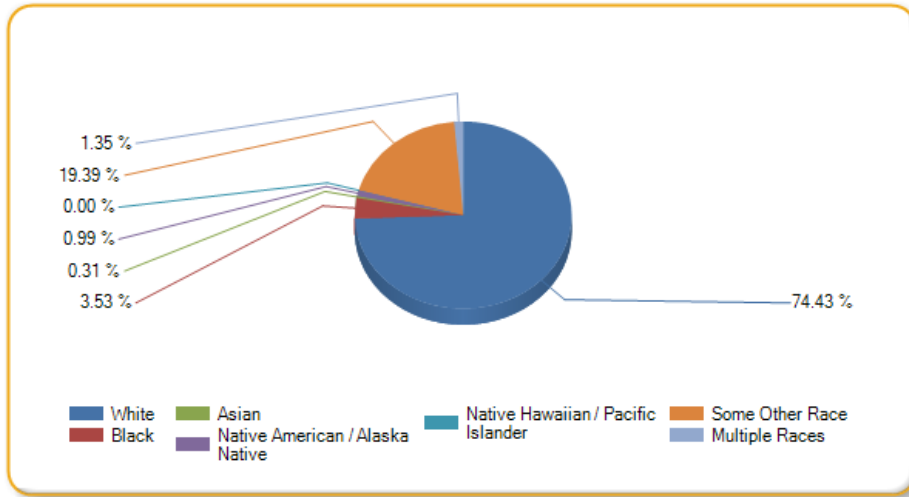
**Population with No High School Diploma, Total by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	3,144	149	13	42	0	819	57
Cochran County	451	19	0	22	0	141	16
Hockley County	2,693	130	13	20	0	678	41
Texas	2,015,823	266,904	79,316	18,638	1,259	601,930	37,128
United States	19,517,580	4,355,718	1,362,029	338,366	40,131	3,827,321	457,337

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**Population with No High School Diploma, Percent by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races
Report Area	74.43%	3.53%	0.31%	0.99%	0%	19.39%	1.35%
Cochran County	69.49%	2.93%	0%	3.39%	0%	21.73%	2.47%
Hockley County	75.33%	3.64%	0.36%	0.56%	0%	18.97%	1.15%
Texas	66.73%	8.83%	2.63%	0.62%	0.04%	19.92%	1.23%
United States	65.28%	14.57%	4.56%	1.13%	0.13%	12.80%	1.53%



**Population with No High School Diploma, Total by Ethnicity Alone**

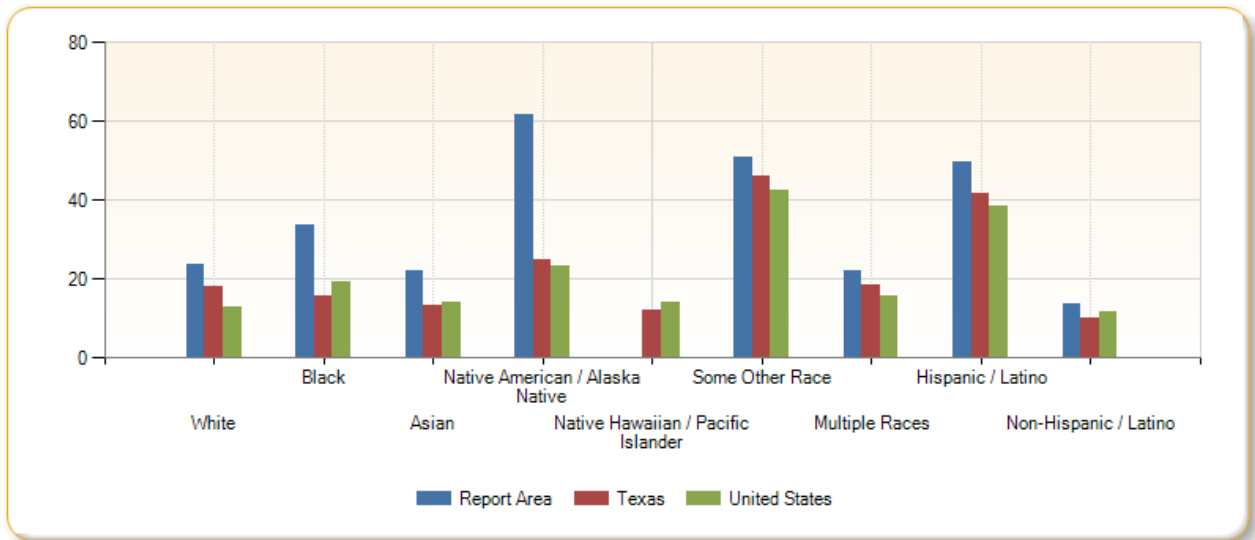
Report Area	Hispanic / Latino	Non-Hispanic / Latino
Report Area	2,855	1,369
Cochran County	471	178
Hockley County	2,384	1,191
Texas	1,970,044	1,050,954
United States	9,834,425	20,064,057

**Population with No High School Diploma, Percent by Ethnicity Alone**

Report Area	Hispanic / Latino	Non-Hispanic / Latino
Report Area	67.59%	32.41%
Cochran County	72.57%	27.43%
Hockley County	66.69%	33.31%
Texas	65.21%	34.79%
United States	32.89%	67.11%

**Population by Race / Ethnicity, Percent with No High School Diploma**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races	Hispanic / Latino	Non-Hispanic / Latino
Report Area	23.62%	33.56%	22.03%	61.76%	no data	50.96%	22.01%	49.82%	13.67%
Cochran County	30.21%	18.27%	0%	78.57%	0%	50.18%	48.48%	56.82%	16.04%
Hockley County	22.79%	38.24%	22.03%	50%	0%	51.13%	18.14%	48.63%	13.37%
Texas	17.94%	15.67%	13.40%	24.94%	11.97%	46.28%	18.41%	41.80%	10.10%
United States	12.69%	19.14%	14.27%	23.40%	14.09%	42.48%	15.80%	38.47%	11.52%



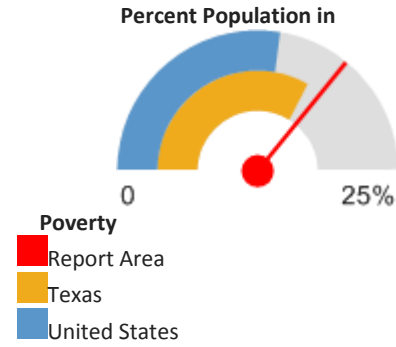
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Poverty Rate (< 100% FPL)

Poverty is considered a *key driver* of health status.

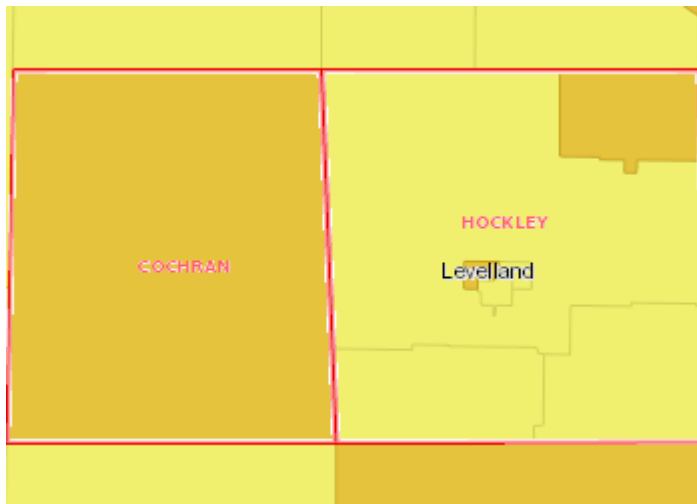
This indicator reports the percentage of the population living below 100% of the Federal Poverty Level (FPL). This indicator is relevant because poverty creates barriers to access including health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Total Population (For Whom Poverty Status is Determined)	Total Population in Poverty	Percent Population in Poverty
Report Area	24,769	4,447	<b>17.95%</b>
Cochran County	3,017	752	<b>24.93%</b>
Hockley County	21,752	3,695	<b>16.99%</b>
Texas	23,707,680	3,972,054	16.75%
United States	296,141,152	40,917,512	13.82%

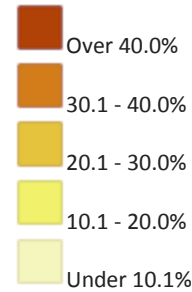


Note: This indicator is compared with the state average.

Data Source: [U.S. Census Bureau, 2006-2010 American Community Survey 5-Year Estimates](#). Source geography: Tract.



**Percentage of Total Population, By Tract, ACS 2006-2010 5-Year Estimate**



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**Population in Poverty, Total by Gender**

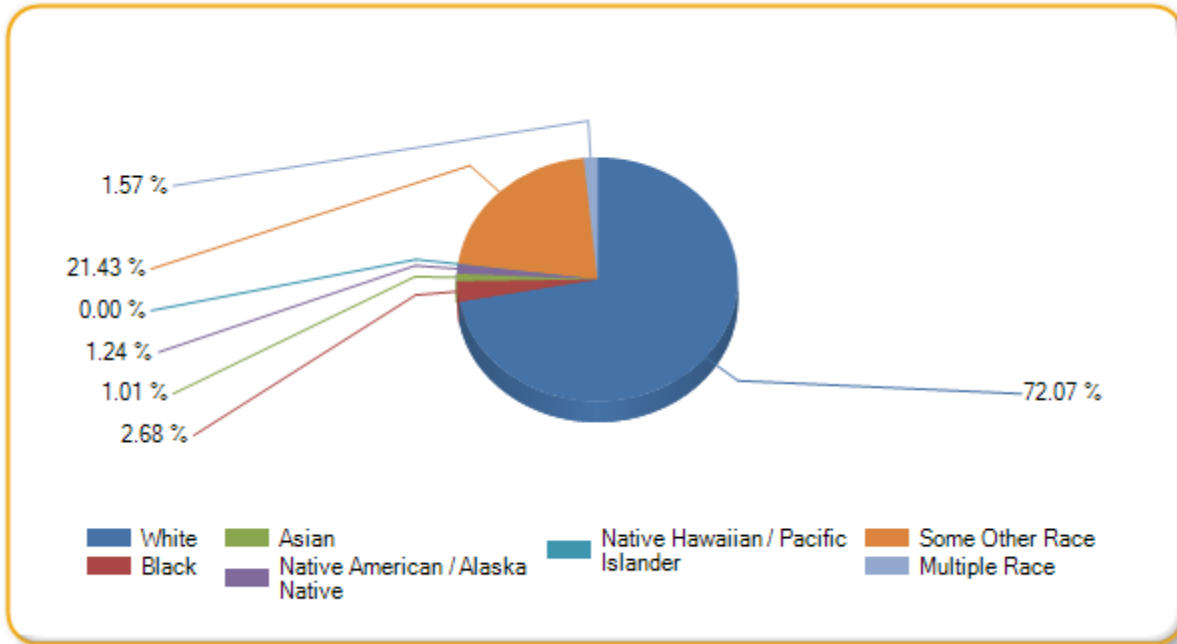
Report Area	Male	Female	Percent Male	Percent Female	Percent of Males in Poverty	Percent of Females in Poverty
Report Area	1,984	2,463	44.61%	55.39%	15.91%	20.02%
Cochran County	391	361	51.99%	48.01%	25.56%	24.28%
Hockley County	1,593	2,102	43.11%	56.89%	14.57%	19.44%
Texas	1,758,634	2,213,420	44.28%	55.72%	15.09%	18.36%
United States	18,063,626	22,853,888	44.15%	55.85%	12.48%	15.10%

**Population in Poverty, Total by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Report Area	3,205	119	45	55	0	953	70
Cochran County	479	27	0	41	0	189	16
Hockley County	2,726	92	45	14	0	764	54
Texas	2,525,103	642,271	106,190	22,453	3,203	593,232	79,602
United States	24,378,350	9,180,061	1,580,505	631,614	78,712	3,803,254	1,265,017

**Population in Poverty, Percent by Race Alone**

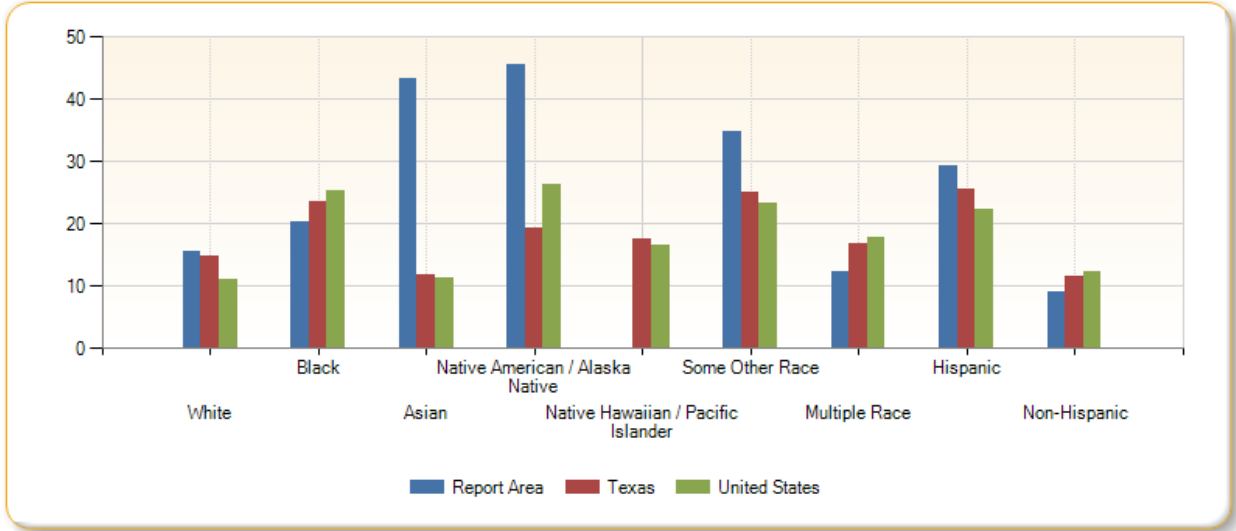
Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Report Area	72.07%	2.68%	1.01%	1.24%	0%	21.43%	1.57%
Cochran County	63.70%	3.59%	5.45%	0%	0%	25.13%	2.13%
Hockley County	73.78%	2.49%	0.38%	1.22%	0%	20.68%	1.46%
Texas	63.57%	16.17%	0.57%	2.67%	0.08%	14.94%	2%
United States	59.58%	22.44%	1.54%	3.86%	0.19%	9.29%	3.09%



**Population by Race/Ethnicity, Percent in Poverty**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race	Hispanic	Non-Hispanic
Report Area	15.52%	20.34%	43.27%	45.45%	no data	34.79%	12.22%	29.27%	8.94%
Cochran County	21.29%	19.29%	no data	61.19%	no data	37.80%	26.67%	39.60%	9.04%
Hockley County	14.82%	20.67%	43.27%	25.93%	no data	34.12%	10.53%	27.55%	8.93%
Texas	14.75%	23.55%	11.88%	19.43%	17.57%	25.13%	16.80%	25.45%	11.67%
United States	11.10%	25.28%	11.34%	26.42%	16.50%	23.41%	17.84%	22.41%	12.21%

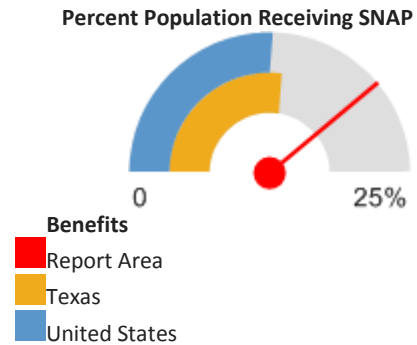




**Supplemental Nutrition Assistance Program (SNAP) Recipients**

This indicator reports the average percentage of the population receiving the Supplemental Nutrition Assistance Program (SNAP) benefits from the months of July 2008 to July 2009. This indicator is relevant because it assesses vulnerable populations which are more likely to have multiple health access, health status, and social support needs; when combined with poverty data, providers can use this measure to identify gaps in eligibility and enrollment.

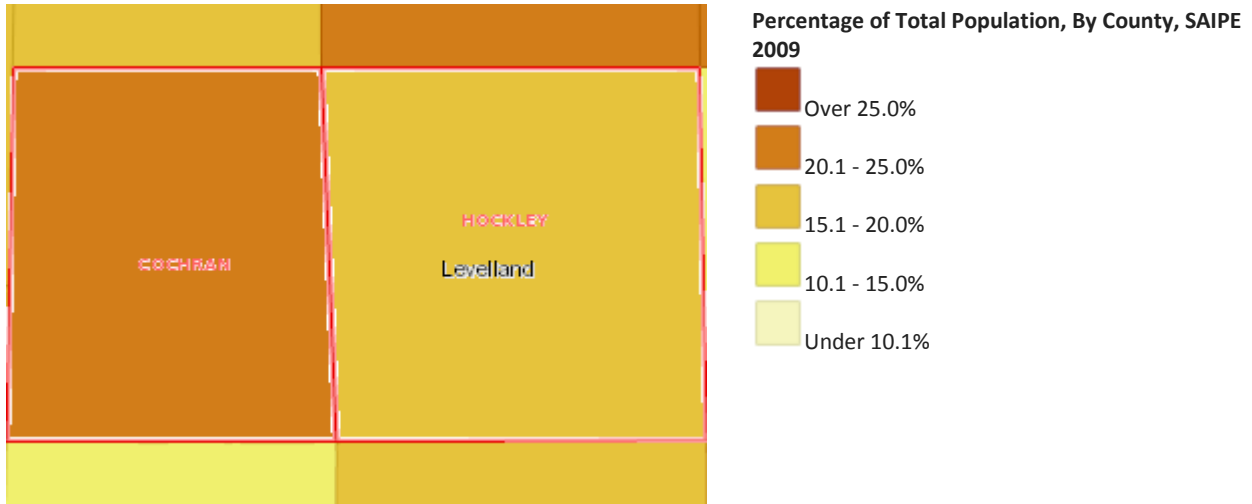
Report Area	Total Estimated Population, 2009	Total Population Receiving SNAP Benefits	Percent Population Receiving SNAP Benefits
Report Area	25,199	4,905	<b>19.47%</b>
Cochran County	2,927	652	<b>22.28%</b>
Hockley County	22,272	4,253	<b>19.10%</b>
Texas	24,782,302	3,360,597	13.56%
United States	307,006,550	38,701,176	12.60%



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [U.S. Census Bureau, Small Area Income and Poverty Estimates \(SAIPE\), 2009](#). Source geography: County.

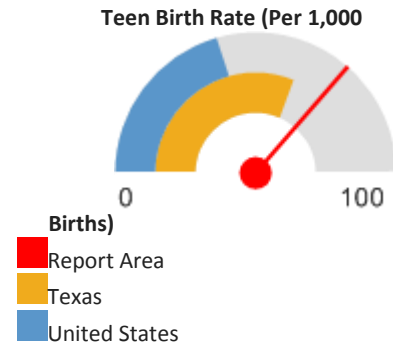
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**Teen Births**

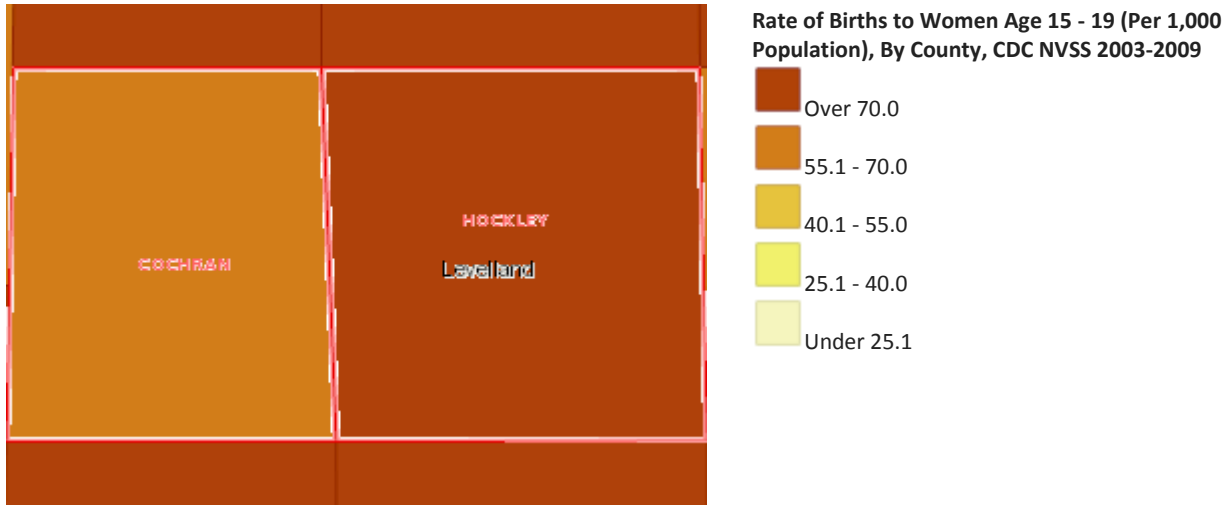
This indicator reports the rate of total births to women under the age of 15 - 19 per 1,000 female population age 15 - 19. This indicator is relevant because in many cases, teen parents have unique social, economic, and health support services. Additionally, high rates of teen pregnancy may indicate the prevalence of unsafe sex practices.

Report Area	Female Population Age 15 - 19	Births to Mothers Age 15 - 19	Teen Birth Rate (Per 1,000 Births)
Report Area	8,688	634	<b>72.97</b>
Cochran County	1,454	90	<b>61.90</b>
Hockley County	7,234	544	<b>75.20</b>
Texas	5,878,179	367,974	62.60
United States	72,071,117	2,969,330	41.20



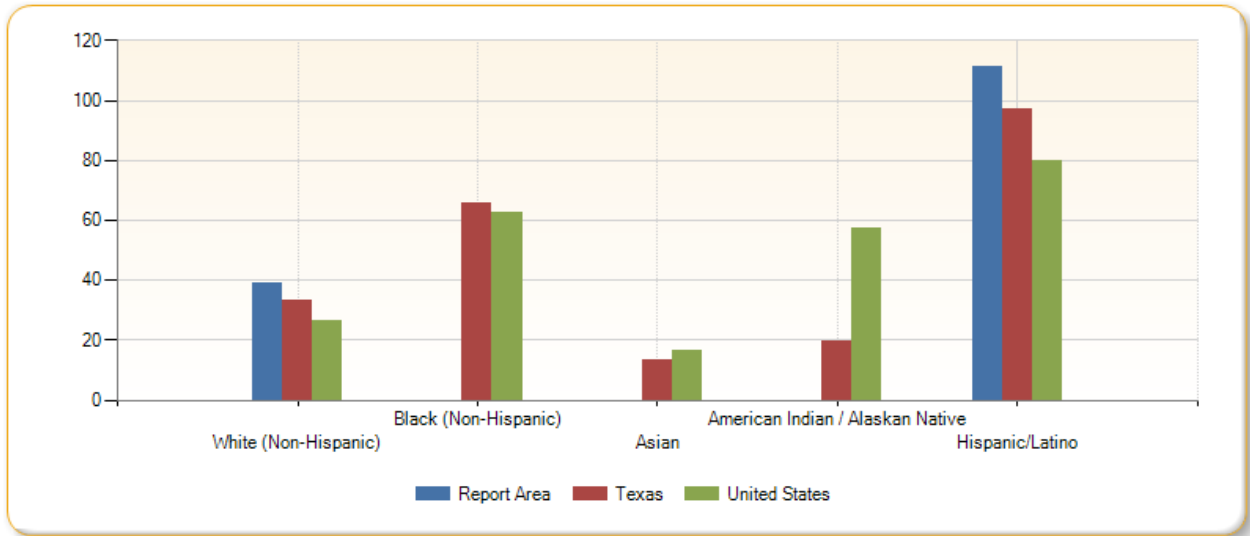
*Note: This indicator is compared with the state average.*  
 Data Source: [Centers for Disease Control and Prevention, National Vital Statistics Systems, 2003-2009](#). Accessed through the [Health Indicators Warehouse](#). Source geography: County.

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**Teenage Girls by Race / Ethnicity, Birth Rate (Per 1,000 Births)**

Report Area	White (Non-Hispanic)	Black (Non-Hispanic)	Asian	American Indian / Alaskan Native	Hispanic/Latino
Report Area	39	no data	no data	no data	111.50
Cochran County	no data	no data	no data	no data	97.30
Hockley County	39	no data	no data	no data	114.40
Texas	33.20	65.50	13.30	19.70	97.10
United States	26.30	62.40	16.70	57.50	79.70

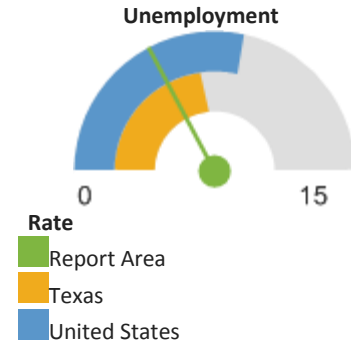


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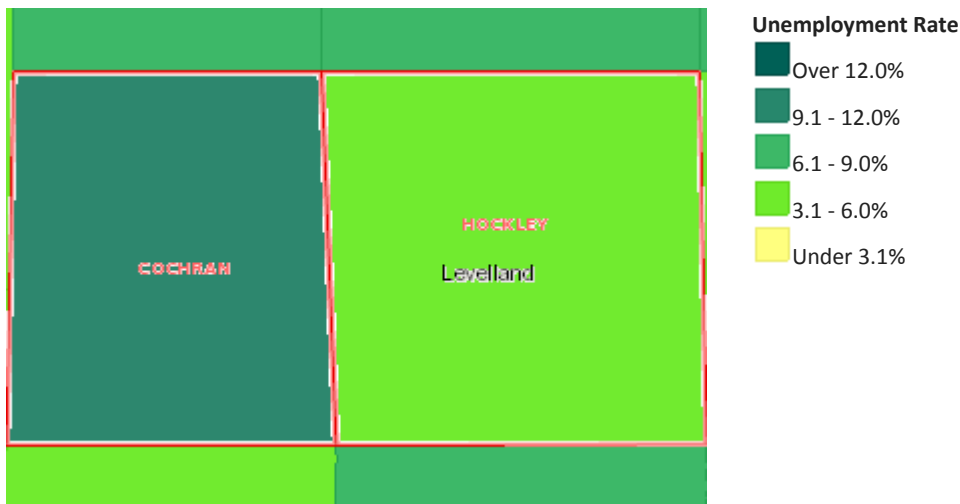
Unemployment Rate

This indicator reports the percentage of the civilian noninstitutionalized population age 16 and older that is unemployed (non-seasonally adjusted). This indicator is relevant because unemployment creates financial instability and barriers to access including insurance coverage, health services, healthy food, and other necessities that contribute to poor health status.

Report Area	Labor Force	Number Employed	Number Unemployed	Unemployment Rate
Report Area	14,513	13,764	749	5.16
Cochran County	1,258	1,159	99	7.90
Hockley County	13,255	12,605	650	4.90
Texas	12,655,394	11,782,758	872,636	6.90
United States	1,065,667,987	974,651,669	91,016,318	8.54



Note: This indicator is compared with the state average. No breakout data available.  
Data Source: [U.S. Bureau of Labor Statistics, December, 2012 Local Area Unemployment Statistics](#). Source geography: County.

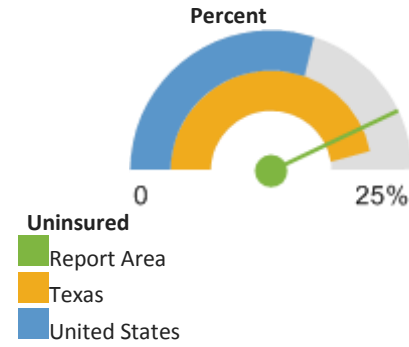


Uninsured Population

The lack of health insurance is considered a *key driver* of health status.

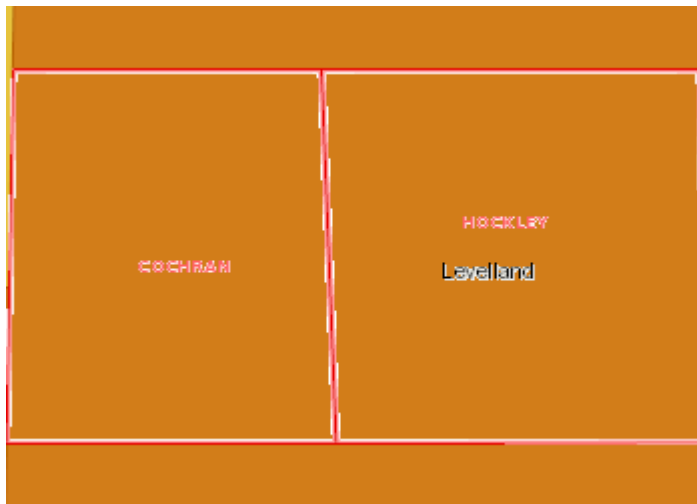
This indicator reports the percentage of the total civilian non-institutionalized population without health insurance coverage. This indicator is relevant because lack of insurance is a primary barrier to healthcare access including regular primary care, specialty care, and other health services that contributes to poor health status.

Report Area	Total Population (For Whom Insurance Status is Determined)	Number Uninsured	Percent Uninsured
Report Area	22,632	4,858	21.47%
Cochran County	no data	no data	no data
Hockley County	22,632	4,858	21.47%
Texas	24,298,280	5,721,404	23.55%
United States	301,501,760	45,368,296	15.05%

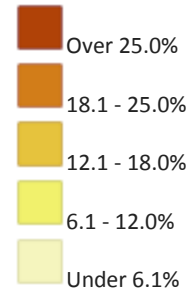


Note: This indicator is compared with the state average.

Data Source: [U.S. Census Bureau, 2008-2010 American Community Survey 3-Year Estimates](#). Source geography: PUMA.



**Percent Population, By PUMA, ACS 2008-2010 3-Year Estimate**



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**Uninsured Population, Total by Gender**

Report Area	Male	Female	Percent Male	Percent Female	Percent of Males that are Uninsured	Percent of Females that are Uninsured
Report Area	2,326	2,532	47.88%	52.12%	20.77%	22.15%
Cochran County	no data	no data	no data	no data	no data	no data
Hockley County	2,326	2,532	47.88%	52.12%	20.77%	22.15%
Texas	2,931,169	2,790,235	51.23%	48.77%	24.59%	22.54%
United States	24,442,600	20,925,698	53.88%	46.12%	16.62%	13.55%

**Uninsured Population, Total by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Report Area	4,133	no data	no data	no data	no data	641	no data
Cochran County	no data	no data	no data	no data	no data	no data	no data
Hockley County	4,133	no data	no data	no data	no data	641	no data
Texas	3,929,120	599,213	198,054	38,103	4,274	851,932	100,708
United States	29,670,864	6,568,259	2,162,975	715,557	81,233	5,065,630	1,103,781

**Uninsured Population, Percent by Race Alone**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Race
Report Area	85.08%	no data	no data	no data	no data	13.19%	no data
Cochran County	no data	no data	no data	no data	no data	no data	no data
Hockley County	85.08%	no data	no data	no data	no data	13.19%	no data
Texas	68.67%	10.47%	3.46%	0.67%	0.07%	14.89%	1.76%
United States	65.40%	14.48%	4.77%	1.58%	0.18%	11.17%	2.43%

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**Uninsured Population, Total by Ethnicity Alone**

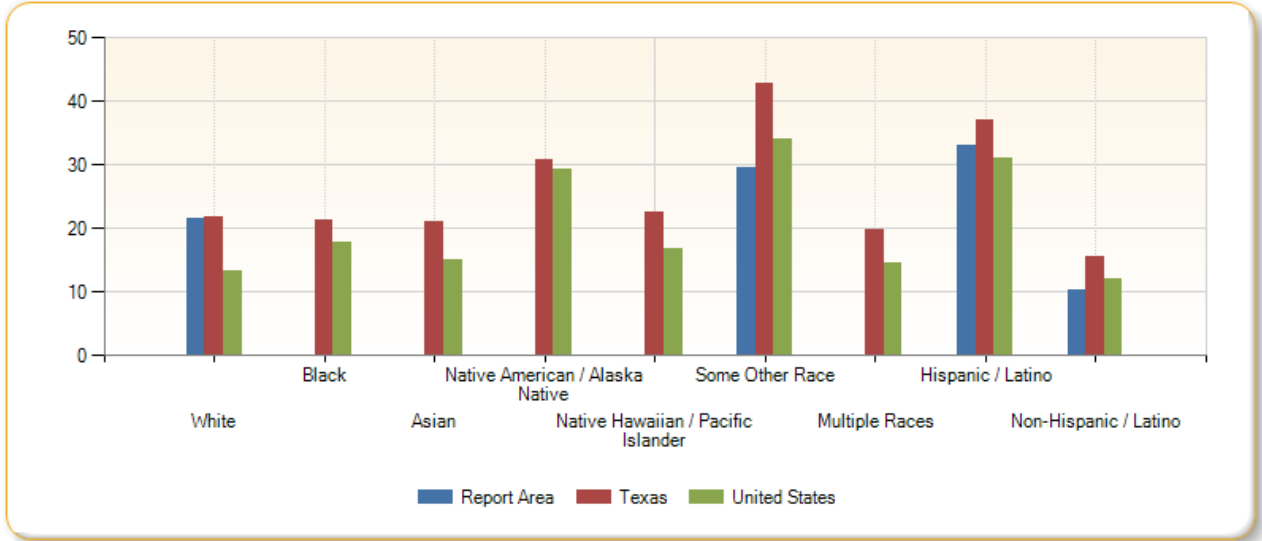
Report Area	Hispanic / Latino	Non-Hispanic / Latino
Report Area	3,186	1,672
Cochran County	no data	no data
Hockley County	3,186	1,672
Texas	3,363,224	2,358,180
United States	15,043,083	30,325,213

**Uninsured Population, Percent by Ethnicity Alone**

Report Area	Hispanic / Latino	Non-Hispanic / Latino
Report Area	65.58%	34.42%
Cochran County	no data	no data
Hockley County	65.58%	34.42%
Texas	58.78%	41.22%
United States	33.16%	66.84%

**Population by Race/Ethnicity, Percent Uninsured**

Report Area	White	Black	Asian	Native American / Alaska Native	Native Hawaiian / Pacific Islander	Some Other Race	Multiple Races	Hispanic / Latino	Non-Hispanic / Latino
Report Area	21.64%	no data	no data	no data	no data	29.59%	no data	33.08%	10.37%
Cochran County	no data	no data	no data	no data	no data	no data	no data	no data	no data
Hockley County	21.64%	no data	no data	no data	no data	29.59%	no data	33.08%	12.86%
Texas	21.92%	21.41%	21.08%	30.81%	22.54%	42.87%	19.88%	37.02%	15.50%
United States	13.22%	17.69%	14.97%	29.29%	16.72%	34.10%	14.45%	30.97%	11.99%



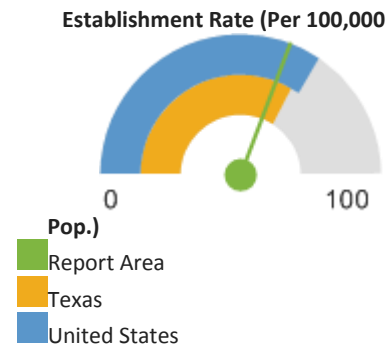
**PHYSICAL ENVIRONMENT**

A community’s health also is affected by the physical environment. A safe, clean environment that provides access to healthy food and recreational opportunities is important to maintaining and improving community health.

Fast Food Restaurant Access

This indicator reports the number of fast food restaurants per 100,000 population. Fast food restaurants are defined as limited-service establishments primarily engaged in providing food services (except snack and nonalcoholic beverage bars) where patrons generally order or select items and pay before eating. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

Report Area	Total Population, 2010 Census	Number of Establishments	Establishment Rate (Per 100,000 Pop.)
Report Area	26,062	16	61.39
Cochran County	3,127	1	31.98
Hockley County	22,935	15	65.40
Texas	25,145,561	16,896	67.19
United States	308,745,538	213,453	69.14

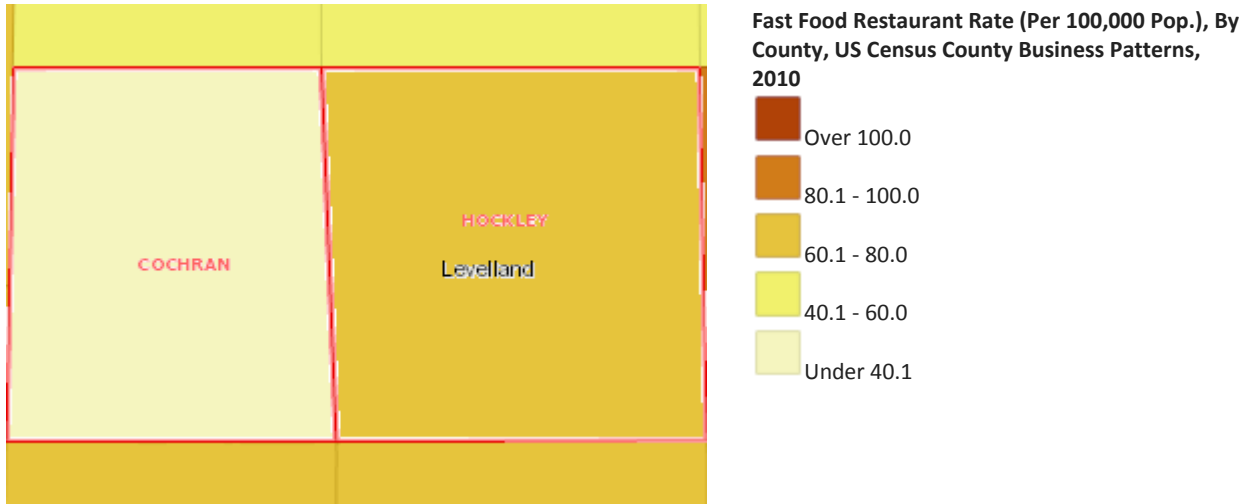


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Census Bureau, County Business Patterns, 2010](#). Source geography: County.*



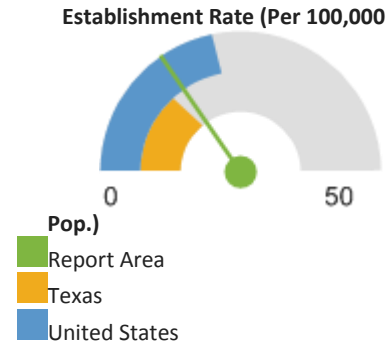
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Grocery Store Access

This indicator reports the number of grocery stores per 100,000 population. Grocery stores are defined as supermarkets and smaller grocery stores primarily engaged in retailing a general line of food, such as canned and frozen foods; fresh fruits and vegetables; and fresh and prepared meats, fish, and poultry. Included are delicatessen-type establishments. Convenience stores and large general merchandise stores that also retail food, such as supercenters and warehouse club stores are excluded. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

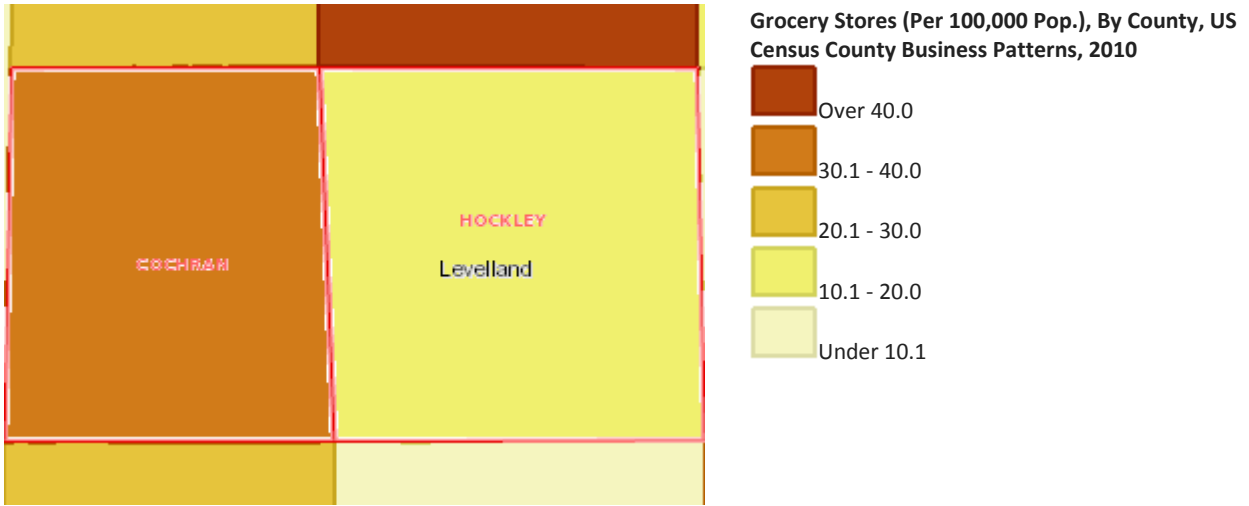
Report Area	Total Population, 2010 Census	Number of Establishments	Establishment Rate (Per 100,000 Pop.)
Report Area	26,062	4	15.35
Cochran County	3,127	1	31.98
Hockley County	22,935	3	13.08
Texas	25,145,561	3,402	13.53
United States	308,745,538	67,342	21.81



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Census Bureau, County Business Patterns, 2010](#). Source geography: County.*

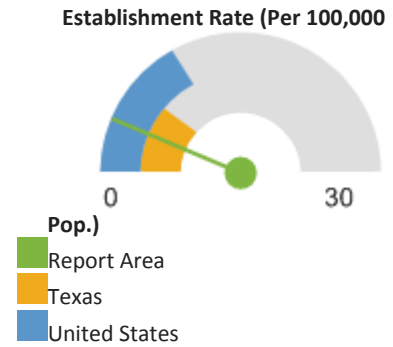
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Liquor Store Access

This indicator reports the number of beer, wine, and liquor stores per 100,000 population, as defined by North American Industry Classification System (NAICS) Code 445310. This indicator is relevant because it provides a measure of healthy food access and environmental influences on dietary behaviors.

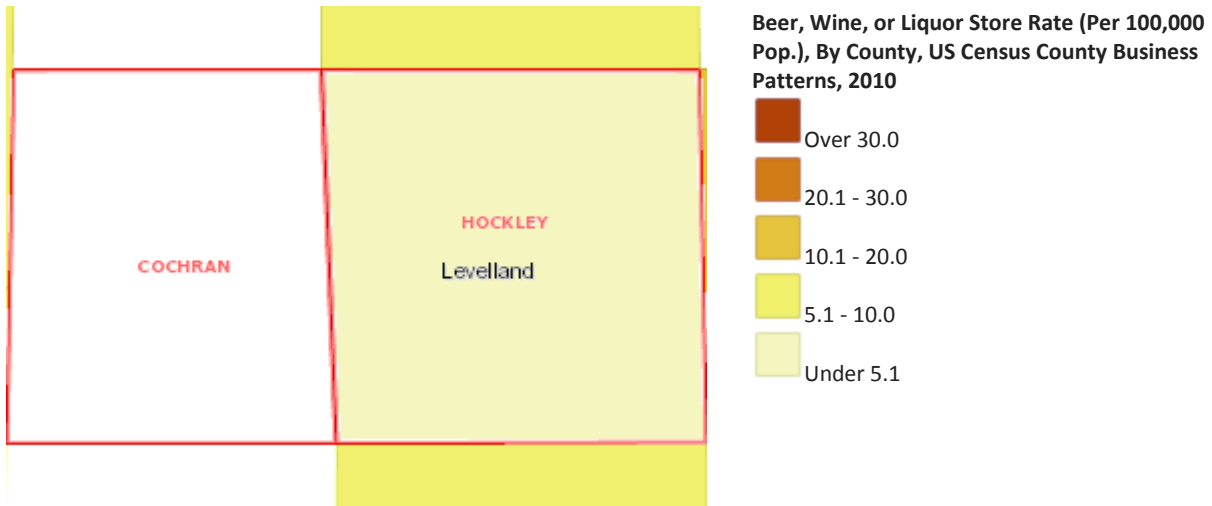
Report Area	Total Population, 2010 Census	Number of Establishments	Establishment Rate (Per 100,000 Pop.)
Report Area	26,062	1	3.84
Cochran County	3,127	0	0
Hockley County	22,935	1	4.36
Texas	25,145,561	1,719	6.84
United States	308,745,538	31,482	10.20



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Census Bureau, County Business Patterns, 2010](#). Source geography: County.*

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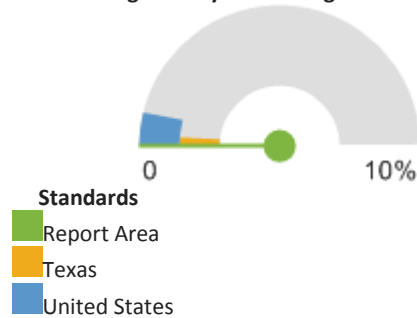


Poor Air Quality (Ozone)

This indicator reports the percentage of days per year with Ozone (O<sub>3</sub>) levels above the National Ambient Air Quality Standard of 75 parts per billion (ppb). Figures are calculated using data collected by monitoring stations and modeled to include census tracts where no monitoring stations exist. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

Report Area	Average Daily Ozone Concentration	Number of Days Exceeding Emissions Standards	Percentage of Days Exceeding Emissions Standards
Report Area	24.85	0	0%
Cochran County	24.58	0	0%
Hockley County	24.89	0	0%
Texas	24.13	1.12	0.31%
United States	24.82	2.92	0.80%

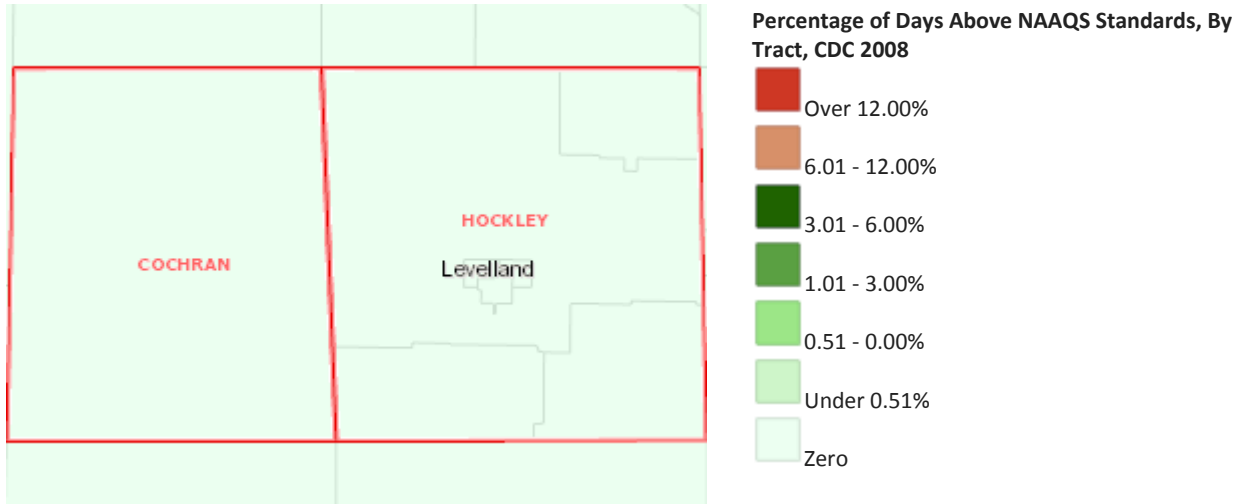
**Percentage of Days Exceeding Emissions**



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network, 2008](#). Source geography: Tract.*

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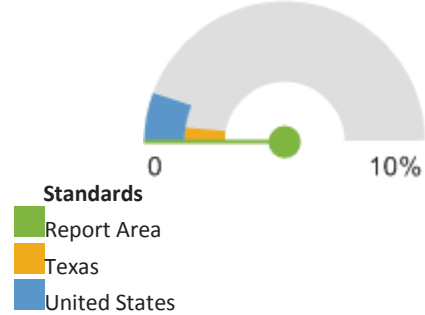


Poor Air Quality (Particulate Matter 2.5)

This indicator reports the percentage of days with particulate matter 2.5 levels above the National Ambient Air Quality Standard (35 micrograms per cubic meter) per year, calculated using data collected by monitoring stations and modeled to include counties where no monitoring stations occur. This indicator is relevant because poor air quality contributes to respiratory issues and overall poor health.

Report Area	Average Daily Ambient Particulate Matter 2.5	Number of Days Exceeding Emissions Standards	Percentage of Days Exceeding Emissions Standards
Report Area	5.86	0	0%
Cochran County	5.32	0	0%
Hockley County	5.93	0	0%
Texas	9.20	1.82	0.51%
United States	10.72	4.07	1.16%

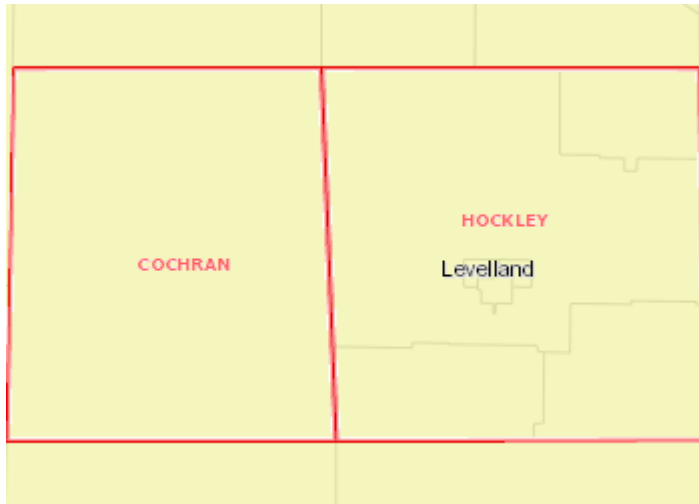
**Percentage of Days Exceeding Emissions**



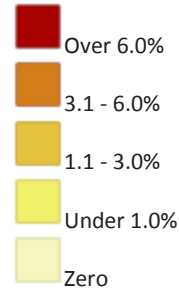
*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, National Environmental Public Health Tracking Network, 2008](#). Source geography: Tract.*

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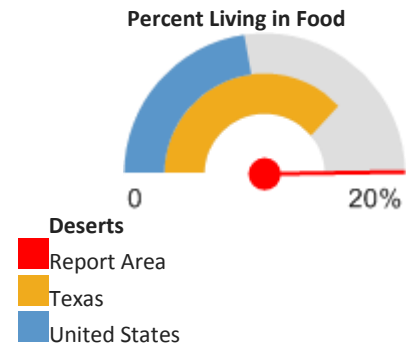
**Pct. of Days Above National Ambient Air Quality Standard (PM 2.5), By Tract, CDC 2008**



Population Living in Food Deserts

This indicator reports the percentage of the population living in census tracts designated as food deserts. A food desert is defined as a low-income census tract (where a substantial number or share of residents has low access to a supermarket or large grocery store. This indicator is relevant because it highlights populations and geographies facing food insecurity.

Report Area	Total Population	Population Living in a Food Deserts	Percent Living in Food Deserts
Report Area	26,446	15,852	<b>59.94%</b>
Cochran County	3,730	3,730	<b>100%</b>
Hockley County	22,716	12,122	<b>53.36%</b>
Texas	20,851,820	3,206,478	15.38%
United States	281,421,906	25,609,433	9.10%

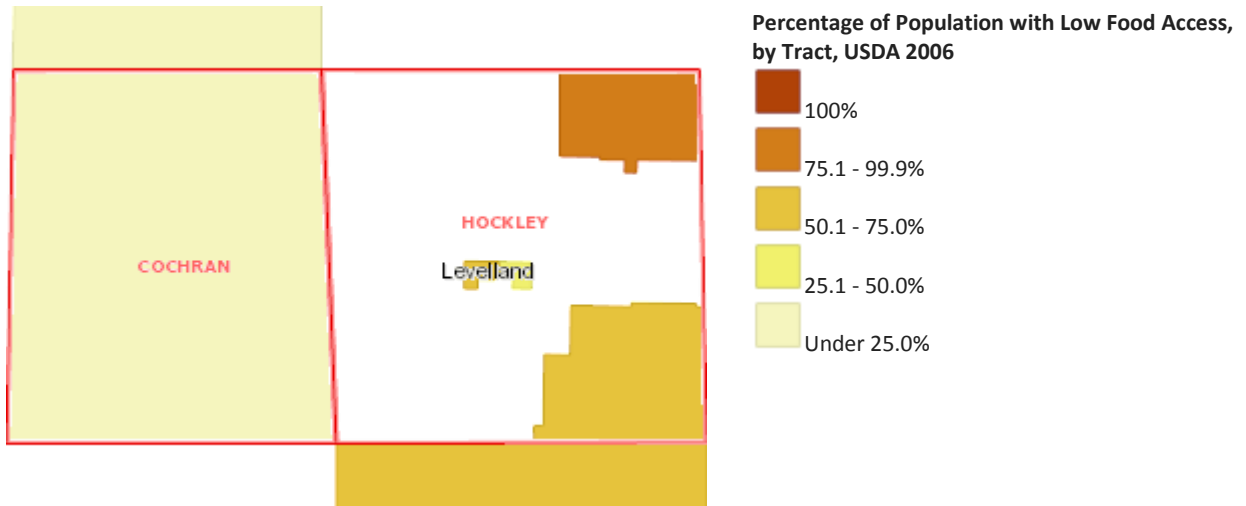


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Department of Agriculture, Food Desert Locator, 2009.](#)*

*Source geography: Tract (2000).*

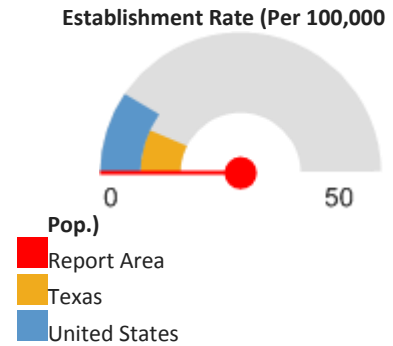
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**Recreation and Fitness Facility Access**

This indicator reports the number per 100,000 population of recreation and fitness facilities as defined by North American Industry Classification System (NAICS) Code 713940. This indicator is relevant because access to recreation and fitness facilities encourages physical activity and other healthy behaviors.

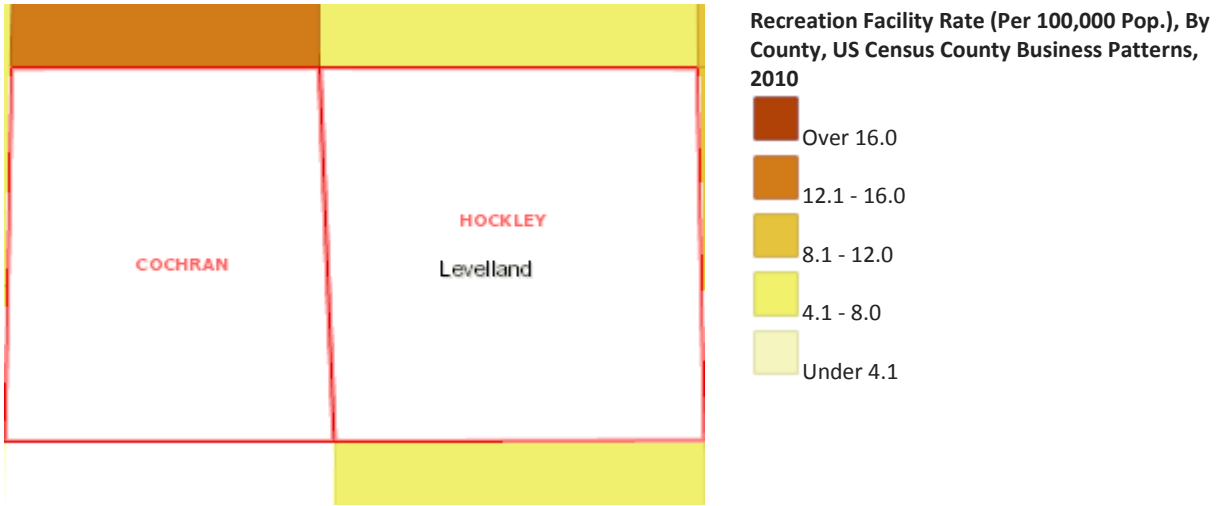
Report Area	Total Population, 2010 Census	Number of Establishments	Establishment Rate (Per 100,000 Pop.)
Report Area	26,062	0	0
Cochran County	3,127	0	no data
Hockley County	22,935	0	no data
Texas	25,145,561	1,805	7.18
United States	308,745,538	29,896	9.68



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: U.S. Census Bureau, County Business Patterns, 2010. Source geography: County.*

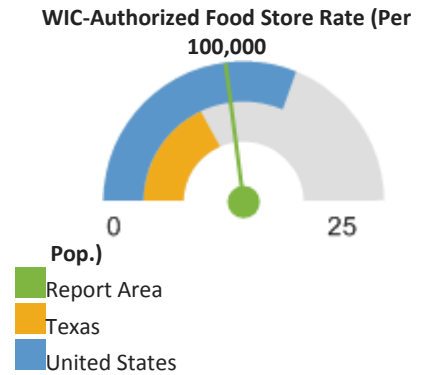
**Covenant Hospital Levelland  
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**WIC-Authorized Food Store Access**

This indicator reports the number of food stores and other retail establishments per 100,000 population that are authorized to accept WIC Program (Special Supplemental Nutrition Program for Women, Infants, and Children) benefits and that carry designated WIC foods and food categories. This indicator is relevant because it provides a measure of food security and healthy food access for women and children in poverty as well as environmental influences on dietary behaviors.

Report Area	Total Population (2011 Estimate)	Number WIC-Authorized Food Stores	WIC-Authorized Food Store Rate (Per 100,000 Pop.)
Report Area	26,019	3	11.50
Cochran County	3,127	0	0
Hockley County	22,892	3	13.11
Texas	25,733,170	2,357	9.10
United States	318,921,538	50,042	15.60

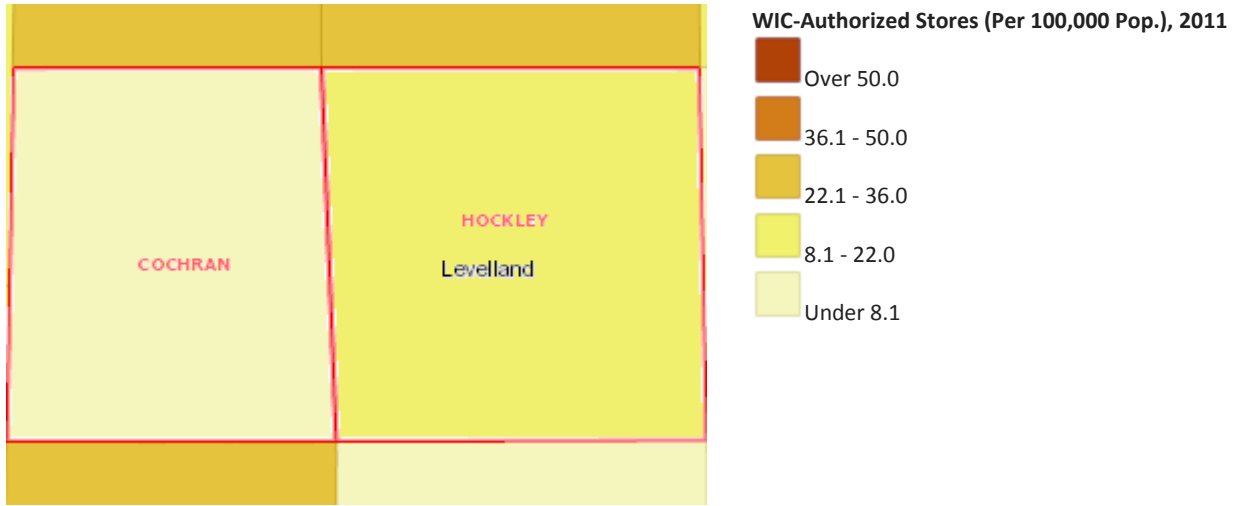


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: U.S. Department of Agriculture, Food Environment Atlas, 2012.*

*Source geography: County.*

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**CLINICAL CARE**

A lack of access to care presents barriers to good health. The supply and accessibility of facilities and physicians, the rate of uninsurance, financial hardship, transportation barriers, cultural competency, and coverage limitations affect access.

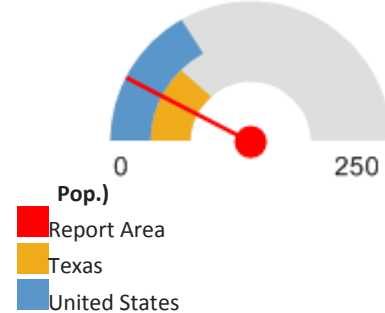
Rates of morbidity, mortality, and emergency hospitalizations can be reduced if community residents access services such as health screenings, routine tests, and vaccinations. Prevention indicators can call attention to a lack of access or knowledge regarding one or more health issues and can inform program interventions.

Access to Primary Care

This indicator reports the number of primary care physicians per 100,000 population. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Population	Total Primary Care Providers	Primary Care Provider Rate (Per 100,000 Pop.)
Report Area	26,062	10	<b>38.30</b>
Cochran County	3,127	1	<b>31.97</b>
Hockley County	22,935	9	<b>39.24</b>
Texas	25,145,561	16,396	65.20
United States	312,471,327	264,897	84.70

**Primary Care Provider Rate (Per 100,000 Pop.)**

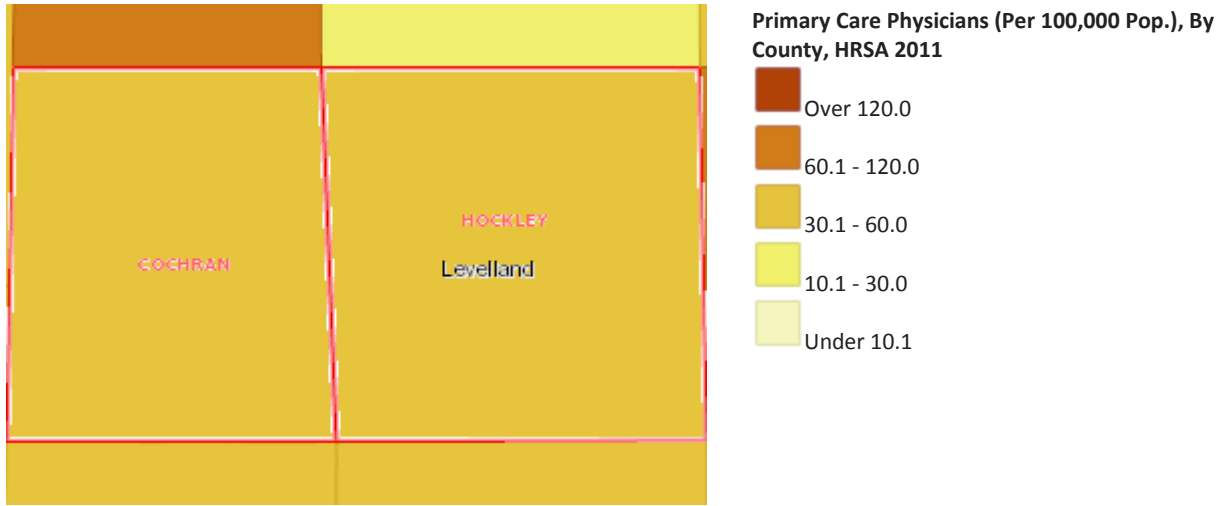


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Health Resources and Services Administration Area Resource File, 2011](#). Source geography: County.*



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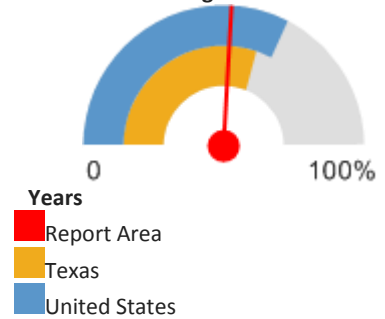


**Breast Cancer Screening (Mammogram)**

This indicator reports the percentage of female Medicare enrollees, age 67-69 or older, who have received one or more mammograms in the past two years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Medicare Enrollees	Female Medicare Enrollees Age 67-69	Female Medicare Enrollees with Mammogram in Past 2 Years	Percent Female Medicare Enrollees with Mammogram in Past 2 Years
Report Area	2,650	214	110	<b>51.87%</b>
Cochran County	422	27	13	<b>51.85%</b>
Hockley County	2,228	187	96	<b>51.87%</b>
Texas	1,806,654	157,052	95,989	61.12%
United States	51,875,184	4,218,820	2,757,677	65.37%

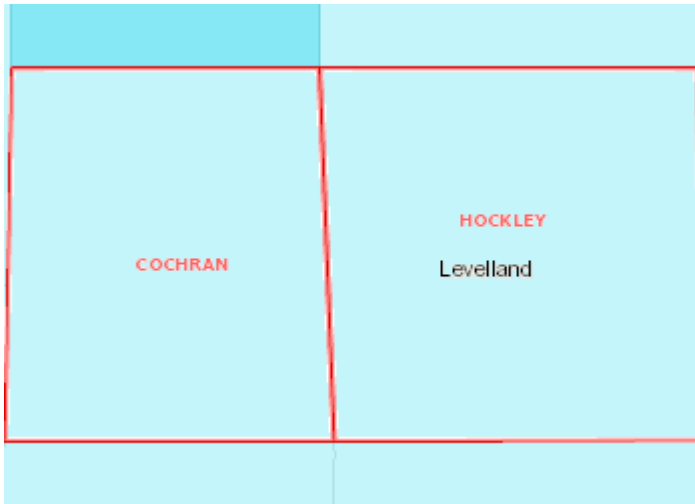
**Percent Female Medicare Enrollees with Mammogram in Past 2**



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Dartmouth Atlas of Healthcare, Selected Measures of Primary Care Access and Quality, 2010](#). Source geography: County.

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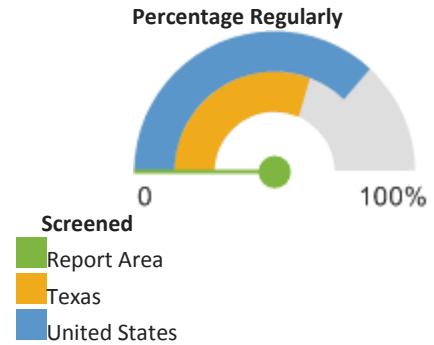
**Mammogram in Past 2 Years, Percent of Female Enrollees Age 67-69, 2010**

- Over 72.0%
- 64.1 - 72.0%
- 56.1 - 64.0%
- Under 56.1%
- No Data or Data Suppressed

Cervical Cancer Screening (Pap Test)

This indicator reports the percentage of women aged 18 and older who self-report that they have had a Pap test in the past three years. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

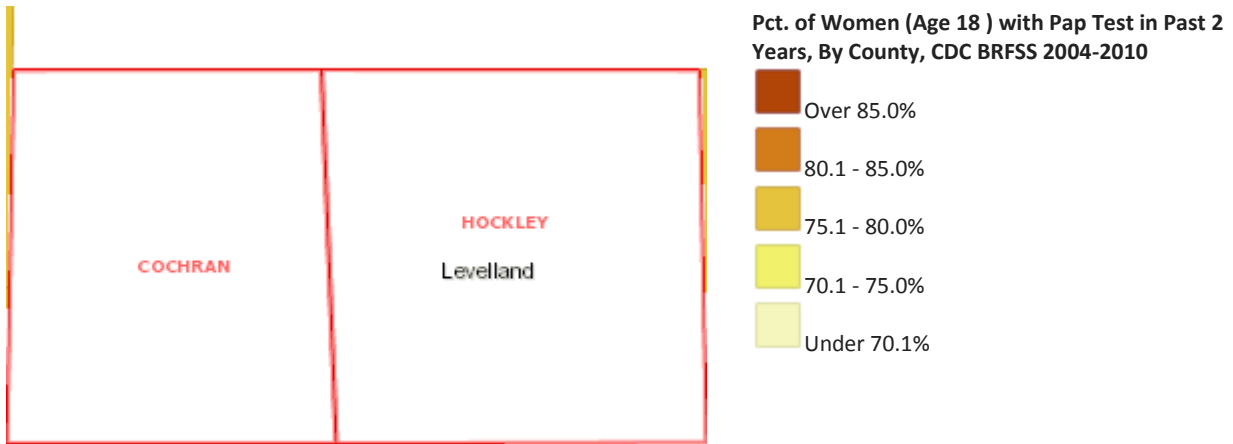
Report Area	Total Population (Women Age 18 )	Est. Population Regularly Screened	Percentage Regularly Screened
Report Area	9,607	no data	no data
Cochran County	1,138	no data	no data
Hockley County	8,469	no data	no data
Texas	8,701,072	5,399,890	62.06%
United States	116,709,909	86,326,160	73.97%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010](#). Source geography: County.*

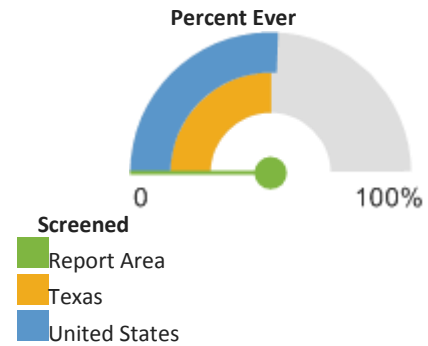
**Covenant Hospital Levelland  
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Colon Cancer Screening (Sigmoid/Colonoscopy)

This indicator reports the percentage of adult men aged 50 and older who self-report that they have ever had a sigmoidoscopy or colonoscopy. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

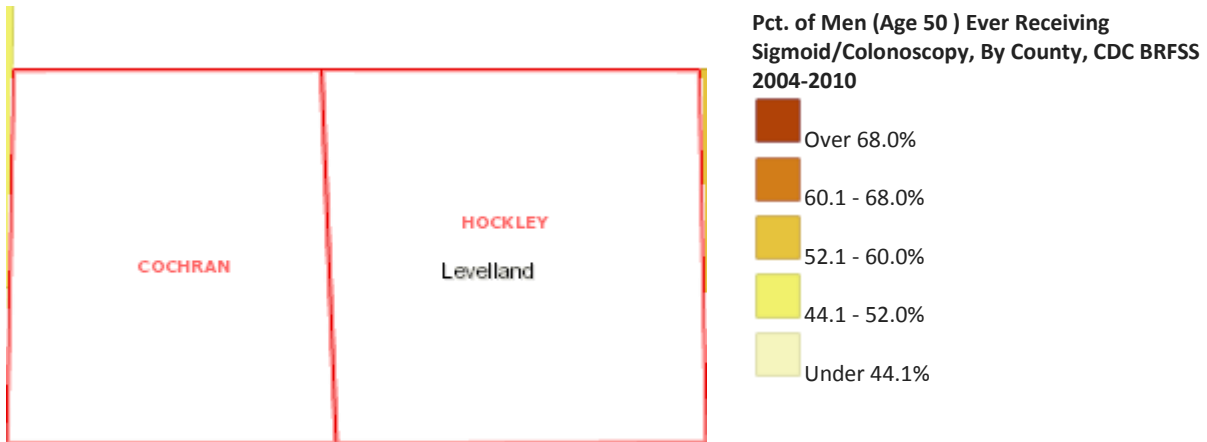
Report Area	Total Population (Men Aged 50 )	Number Ever Screened	Percent Ever Screened
Report Area	3,515	no data	no data
Cochran County	433	no data	no data
Hockley County	3,082	no data	no data
Texas	18,068,367	9,085,745	50.29%
United States	119,567,203	61,919,221	51.79%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010](#). Source geography: County.*

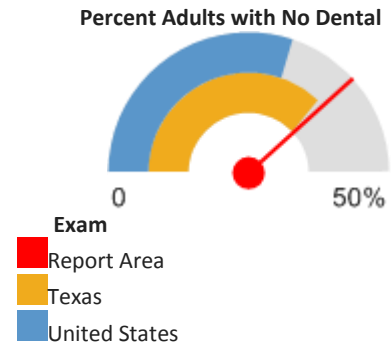
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**Dental Care Utilization (Adult)**

This indicator reports the percentage of adults aged 18 and older who self-report that they have not visited a dentist, dental hygienist or dental clinic within the past year. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

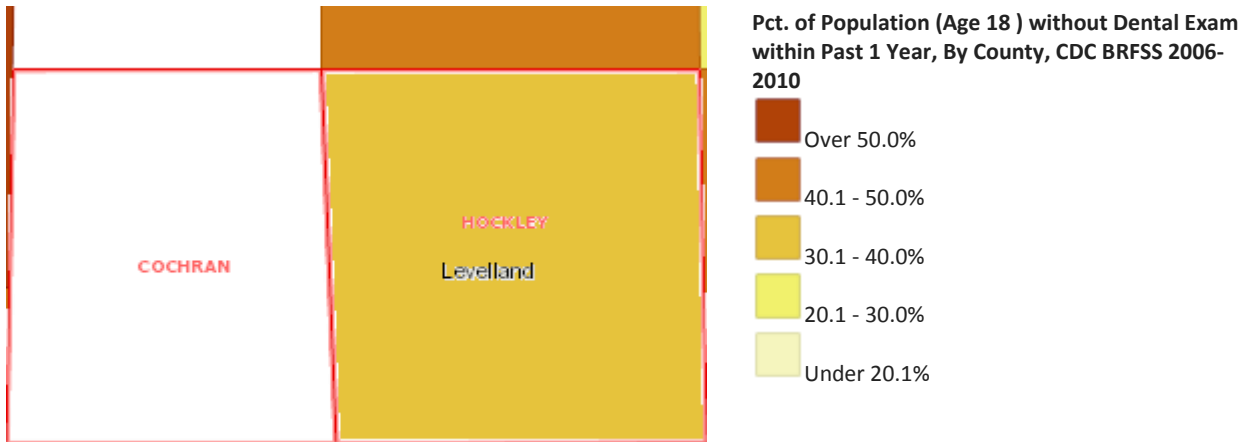
Report Area	Total Population (Age 18 )	Number Adults with No Dental Exam	Percent Adults with No Dental Exam
Report Area	18,955	6,385	<b>38.17%</b>
Cochran County	2,227	no data	no data
Hockley County	16,728	6,385	<b>38.17%</b>
Texas	17,639,656	6,595,467	37.39%
United States	232,747,222	70,151,188.94	30.14%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.*

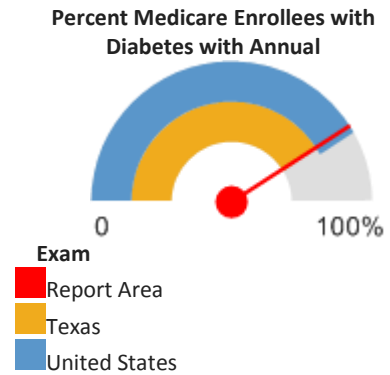
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**Diabetes Management (Hemoglobin A1c Test)**

This indicator reports the percentage of diabetic Medicare patients who have had a hemoglobin A1c (hA1c) test, a blood test which measures blood sugar levels, administered by a health care professional in the past year. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

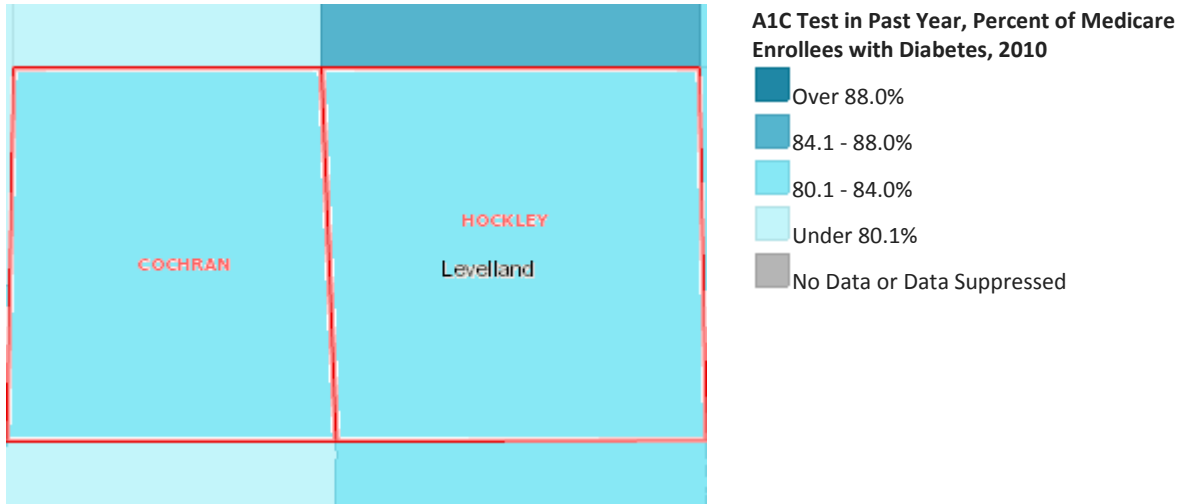
Report Area	Total Medicare Enrollees	Medicare Enrollees with Diabetes	Medicare Enrollees with Diabetes with Annual Exam	Percent Medicare Enrollees with Diabetes with Annual Exam
Report Area	2,650	340	277	<b>81.76%</b>
Cochran County	422	58	47	<b>82.76%</b>
Hockley County	2,228	282	229	<b>81.56%</b>
Texas	1,806,654	242,284	199,119	82.18%
United States	51,875,184	6,218,804	5,212,097	83.81%



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Dartmouth Atlas of Healthcare, Selected Measures of Primary Care Access and Quality, 2010](#). Source geography: County.

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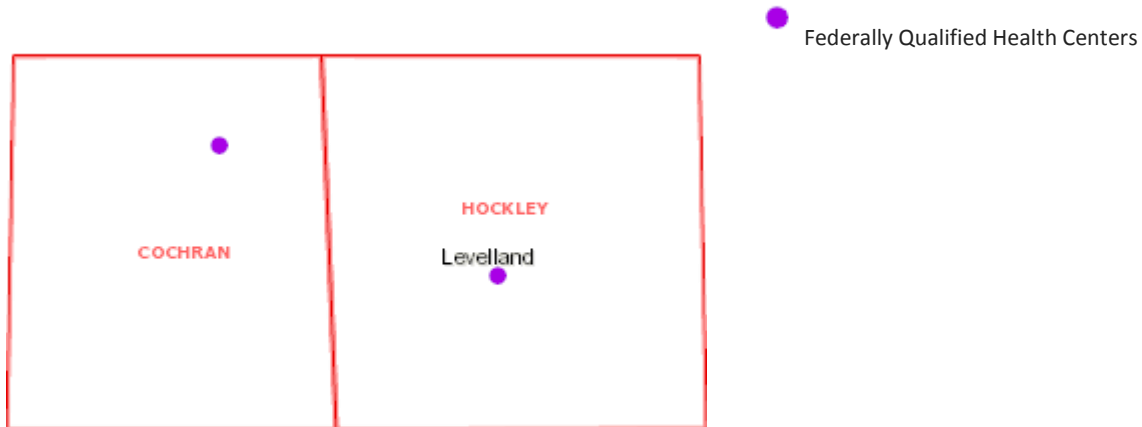
Federally Qualified Health Centers

This indicator reports the number of Federally Qualified Health Centers (FQHCs) in the community. This indicator is relevant because FQHCs are community assets that provide health care to vulnerable populations; they receive extra funding from the federal government to promote access to ambulatory care in areas designated as medically underserved.

Report Area	Number of Federally Qualified Health Centers
Report Area	2
Cochran County	1
Hockley County	1
Texas	326
United States	5,459

*Note: No breakout data available.*

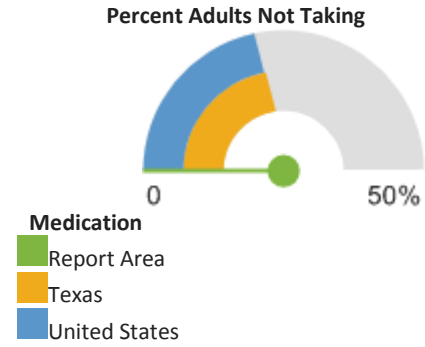
*Data Source: [U.S. Health Resources and Services Administration, Centers for Medicare & Medicaid Services, Provider of Service File, 2011](#). Source geography: Address.*



High Blood Pressure Management

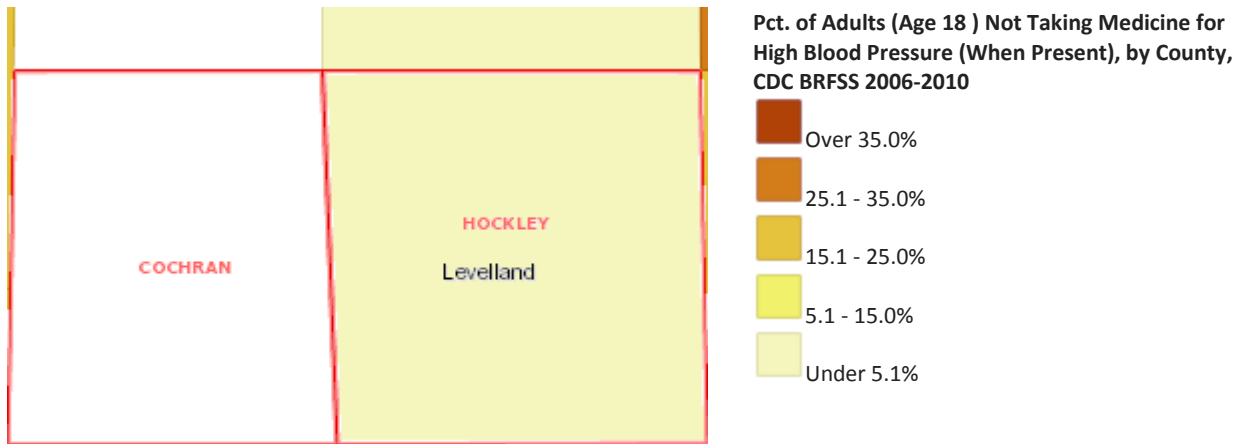
This indicator reports the percentage of adults aged 18 and older who self-report that they are not taking medication for their high blood pressure. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. When considered with other indicators of poor health, this indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Age 18 )	Number Adults Not Taking Blood Pressure Medication (When Needed)	Percent Adults Not Taking Medication
Report Area	18,955	no data	no data
Cochran County	2,227	no data	no data
Hockley County	16,728	0	0%
Texas	17,639,656	3,956,575	22.43%
United States	232,747,222	50,606,335.52	21.74%



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.

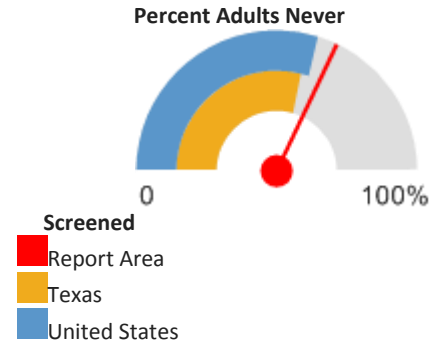


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HIV Screenings

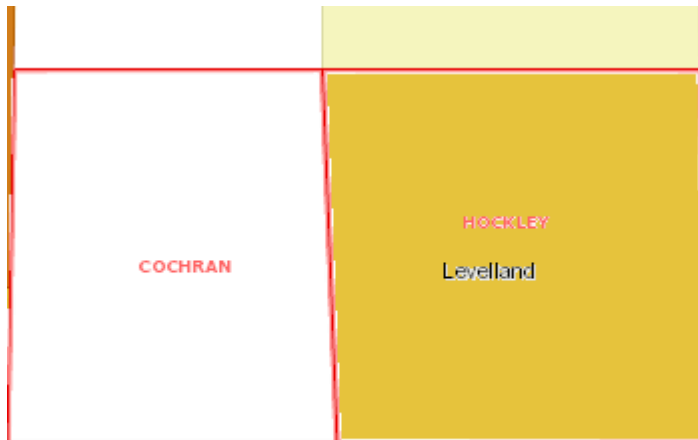
This indicator reports the percentage of teens and adults age 12-70 who self-report that they have never been screened for HIV. This indicator is relevant because engaging in preventive behaviors allows for early detection and treatment of health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Age 18 )	Number Adults Never Screened	Percent Adults Never Screened
Report Area	18,955	10,749	<b>64.26%</b>
Cochran County	2,227	no data	no data
Hockley County	16,728	10,749	<b>64.26%</b>
Texas	17,639,656	10,248,640	58.10%
United States	232,747,222	139,253,113.51	59.83%



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.



**Pct. of Population (Age 18 ) Never Screened for HIV/AIDS, By County, CDC BRFSS 2006-2010**

- Over 80.0%
- 70.1 - 80.0%
- 60.1 - 70.0%
- 50.1 - 60.0%
- Under 50.1%

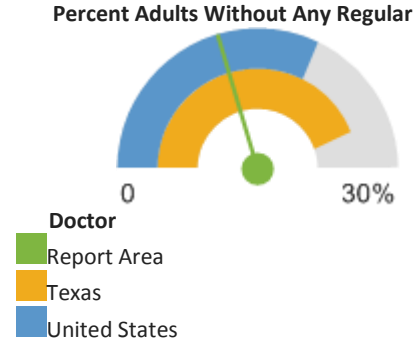


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Lack of a Consistent Source of Primary Care

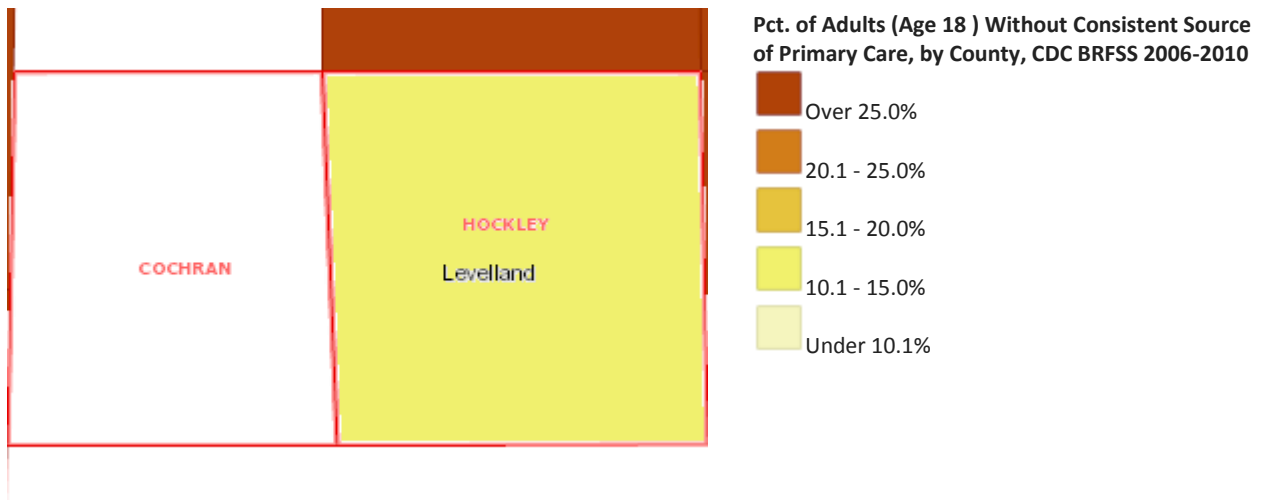
This indicator reports the percentage of adults aged 18 and older who self-report that they do not have at least one person who they think of as their personal doctor or health care provider. This indicator is relevant because access to regular primary care is important to preventing major health issues and emergency department visits.

Report Area	Total Population (Age 18 )	Number Adults Without Any Regular Doctor	Percent Adults Without Any Regular Doctor
Report Area	18,955	2,045	12.23%
Cochran County	2,227	no data	no data
Hockley County	16,728	2,046	12.23%
Texas	17,639,656	4,678,037	26.52%
United States	232,747,222	44,961,851.44	19.32%



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.

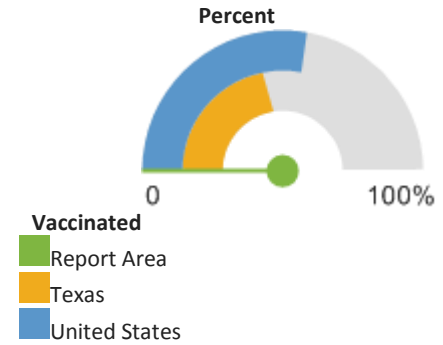


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Pneumonia Vaccinations (Age 65 )

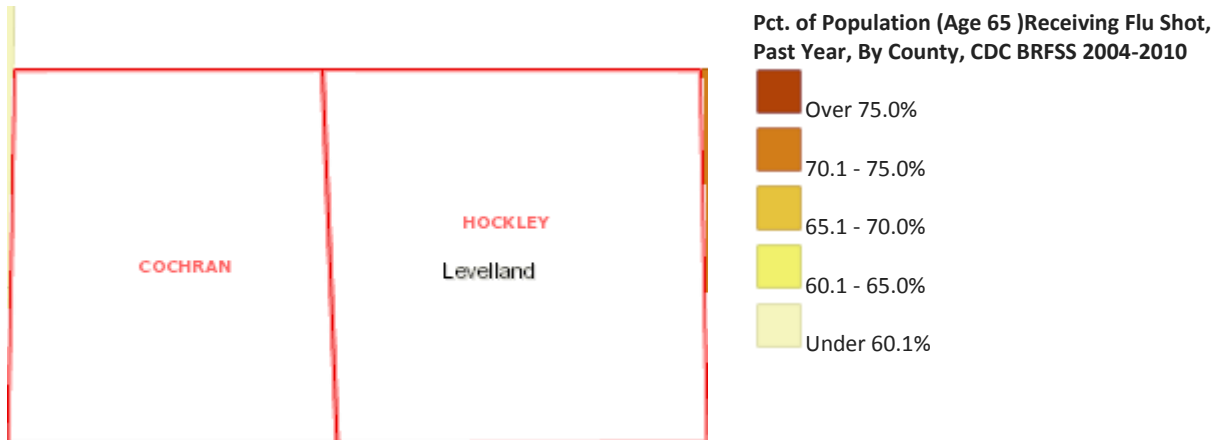
This indicator reports the percentage of adults aged 65 and older who self-report that they have ever received a pneumonia vaccine. This indicator is relevant because engaging in preventive behaviors decreases the likelihood of developing future health problems. This indicator can also highlight a lack of access to preventive care, a lack of health knowledge, insufficient provider outreach, and/or social barriers preventing utilization of services.

Report Area	Total Population (Adults Aged 65 )	Number Vaccinated	Percent Vaccinated
Report Area	3,273	no data	no data
Cochran County	427	no data	no data
Hockley County	2,846	no data	no data
Texas	2,401,852	1,059,718	44.12%
United States	37,999,225	21,156,717	55.68%



Note: This indicator is compared with the state average. No breakout data available.

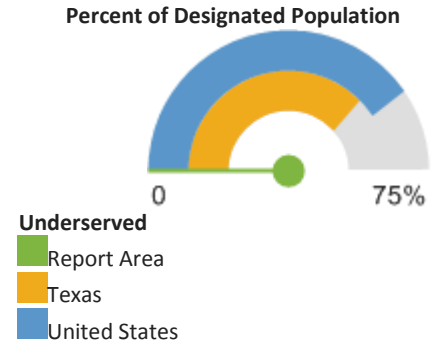
Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010](#). Source geography: County.



Population Living in a Health Professional Shortage Area

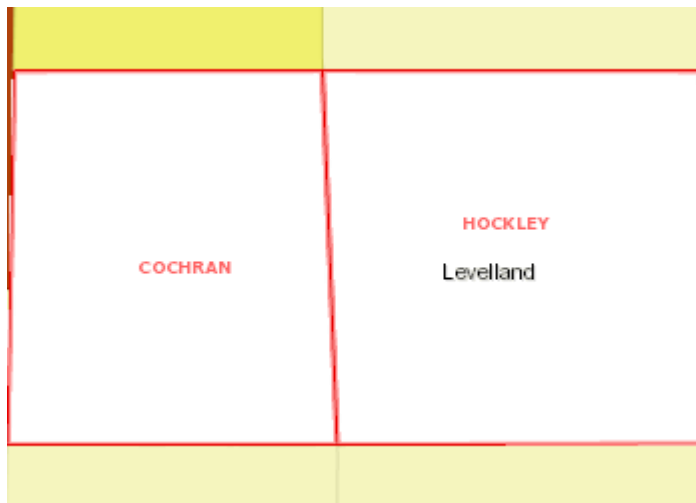
This indicator reports the percentage of the population that is living in a geographic area designated as a "Health Professional Shortage Area" (HPSA), defined as having a shortage of primary medical care, dental or mental health professionals. This indicator is relevant because a shortage of health professionals contributes to access and health status issues.

Report Area	Total Population, 2010 Census	HPSA Designation Population	Underserved Population	Percent of Designated Population Underserved
Report Area	26,062	0	0	0%
Cochran County	3,127	0	0	0%
Hockley County	22,935	0	0	0%
Texas	25,217,686	5,332,748.90	3,029,637.56	56.81%
United States	312,676,557	52,826,822.65	32,117,352.05	60.80%

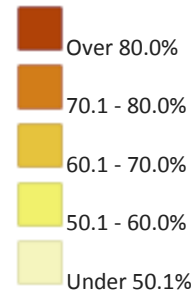


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Health Resources and Services Administration, Health Professional Shortage Area File, 2012](#). Source geography: HPSA.*



**Underserved Population in HPSA for Primary Care Providers, 2011**

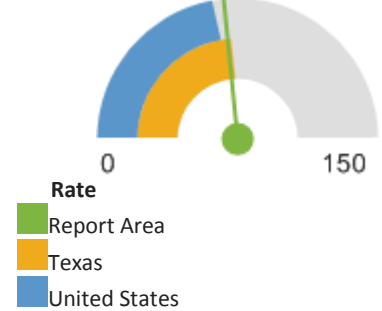


Preventable Hospital Events

This indicator reports the discharge rate (per 1,000 Medicare enrollees) for conditions that are ambulatory care sensitive (ACS). ACS conditions include pneumonia, dehydration, asthma, diabetes, and other conditions which could have been prevented if adequate primary care resources were available and accessed by those patients. This indicator is relevant because analysis of ACS discharges allows demonstrating a possible “return on investment” from interventions that reduce admissions (for example, for uninsured or Medicaid patients) through better access to primary care resources.

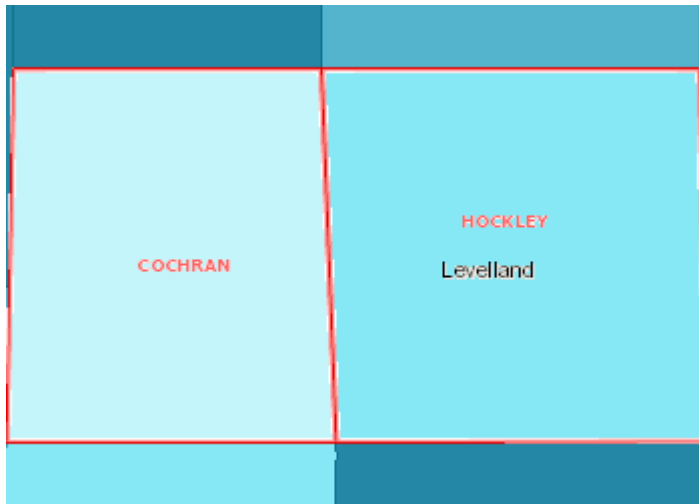
Report Area	Total Medicare Part A Enrollees	Ambulatory Care Sensitive Condition Hospital Discharges	Ambulatory Care Sensitive Condition Discharge Rate
Report Area	2,731	192	70.40
Cochran County	440	25	59.06
Hockley County	2,291	166	72.58
Texas	1,962,048	141,797	72.27
United States	56,167,590	3,737,659	66.54

**Ambulatory Care Sensitive Condition Discharge**

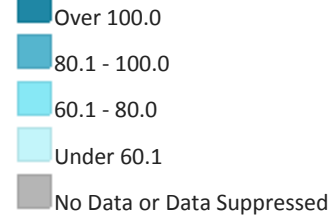


Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Dartmouth Atlas of Healthcare, Selected Measures of Primary Care Access and Quality, 2010](#). Source geography: County.



**Ambulatory Care Sensitive Cases, Rate per 1,000 Medicare Enrollees, 2010**



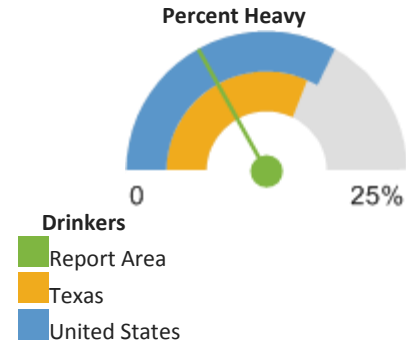
**HEALTH BEHAVIORS**

Health behaviors such as poor diet, a lack of exercise, and substance abuse contribute to poor health status.

Heavy Alcohol Consumption

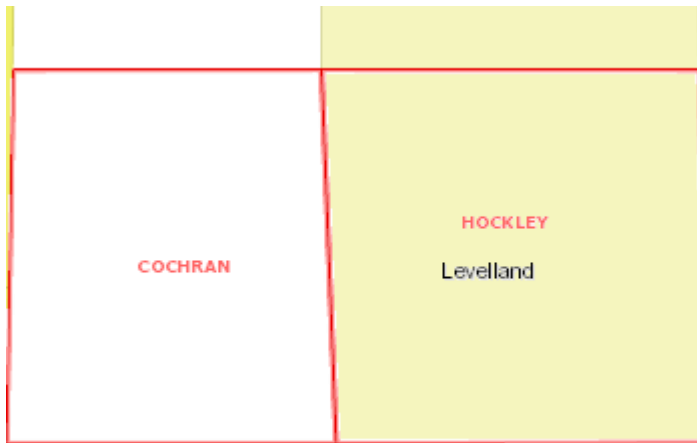
This indicator reports the percentage of adults aged 18 and older who self-report heavy alcohol consumption (defined as more than two drinks per day for men and one drink per day for women). This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as cirrhosis, cancers, and untreated mental and behavioral health needs.

Report Area	Total Population (Age 18 )	Number Heavy Drinkers	Percent Heavy Drinkers
Report Area	18,511	1,373.74	8.40%
Cochran County	2,157	no data	no data
Hockley County	16,354	1,373.74	8.40%
Texas	16,607,889	2,640,654	15.90%
United States	111,821,887	18,576,867	16.61%

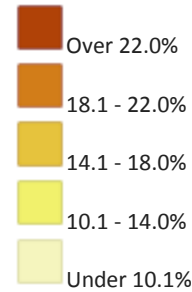


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010](#). Source geography: County.*



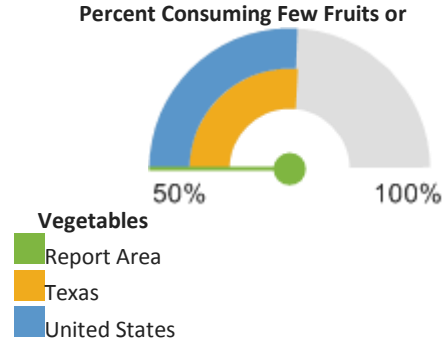
**Pct. of Adults (Age 18 ) Drinking Alcohol Heavily, By County, CDC BRFSS 2004-2010**



Inadequate Fruit/Vegetable Consumption (Adult)

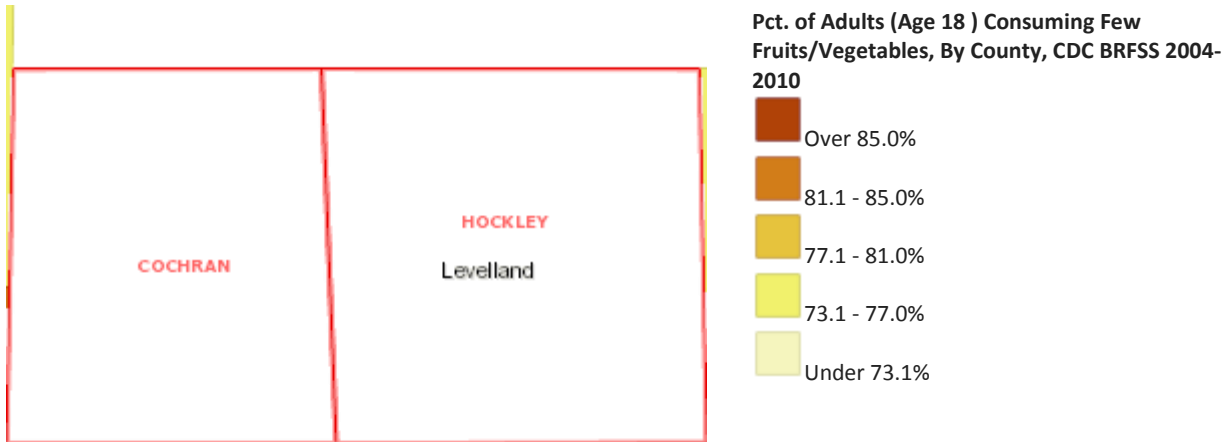
This indicator reports the percentage of adults aged 18 and older who self-report consuming less than 5 servings of fruits and vegetables each day. This indicator is relevant because current behaviors are determinants of future health, and because unhealthy eating habits may illustrate a cause of significant health issues, such as obesity and diabetes.

Report Area	Total Population (Age 18 )	Population Consuming Few Fruits or Vegetables	Percent Consuming Few Fruits or Vegetables
Report Area	18,511	no data	no data
Cochran County	2,157	no data	no data
Hockley County	16,354	no data	no data
Texas	16,607,889	12,688,427	76.40%
United States	111,821,887	84,891,309	75.92%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2003-2009](#). Source geography: County.*

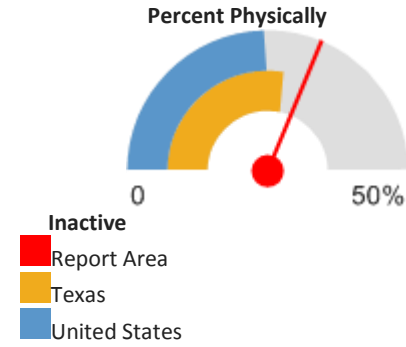


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Physical Inactivity (Adult)

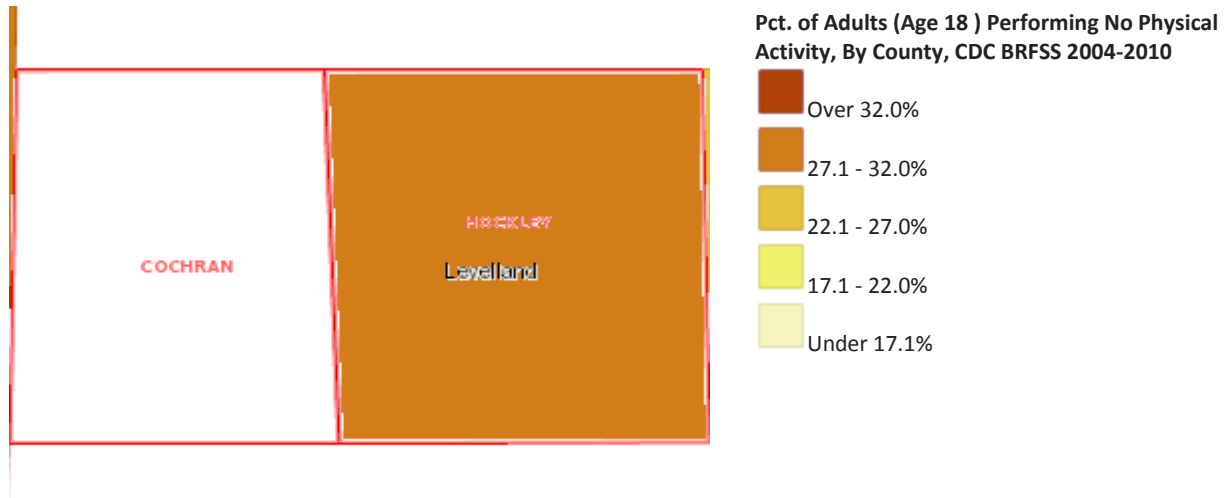
This indicator reports the percentage of adults aged 18 and older who self-report no leisure time for activity, based on the question: "During the past month, other than your regular job, did you participate in any physical activities or exercises such as running, calisthenics, golf, gardening, or walking for exercise?". This indicator is relevant because current behaviors are determinants of future health and this indicator may illustrate a cause of significant health issues, such as obesity and poor cardiovascular health.

Report Area	Total Population (Age 18 )	Number Physically Inactive	Percent Physically Inactive
Report Area	18,511	5,102.45	<b>31.20%</b>
Cochran County	2,157	no data	no data
Hockley County	16,354	5,102.45	<b>31.20%</b>
Texas	16,607,889	4,616,993	27.80%
United States	111,821,887	27,579,949	24.66%



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010](#). Source geography: County.

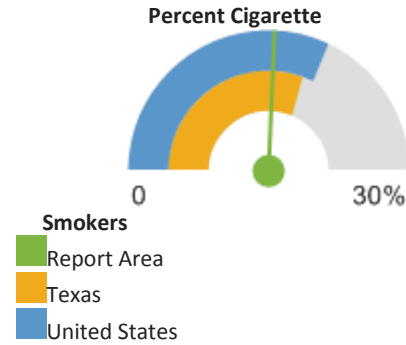


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Tobacco Usage (Adult)

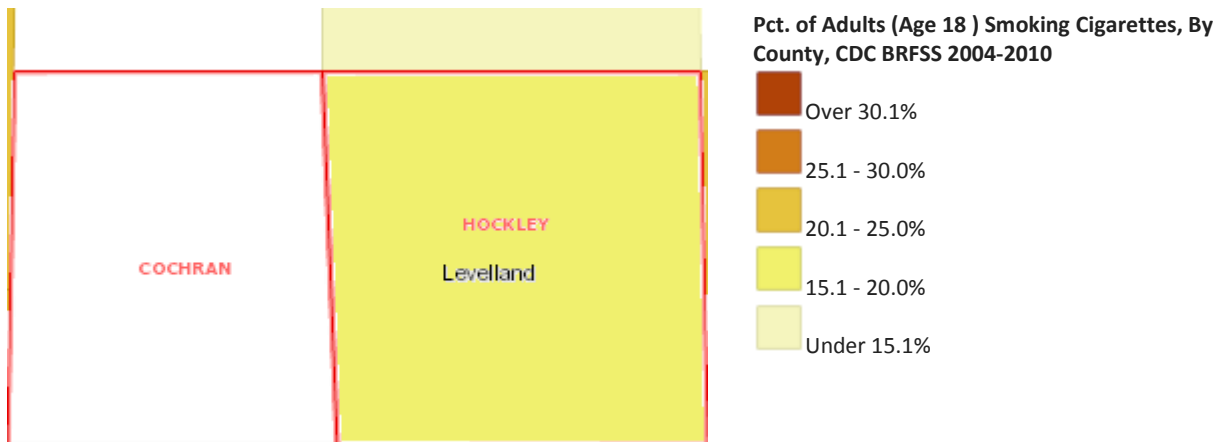
This indicator reports the percentage of adults aged 18 and older who self-report currently smoking cigarettes some days or every day. This indicator is relevant because tobacco use is linked to leading causes of death such as cancer and cardiovascular disease.

Report Area	Total Population (Age 18 )	Number Cigarette Smokers	Percent Cigarette Smokers
Report Area	18,511	2,519	15.40%
Cochran County	2,157	no data	no data
Hockley County	16,354	2,519	15.40%
Texas	16,607,889	3,072,459	18.50%
United States	111,821,887	21,551,350	19.27%



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010](#). Source geography: County.





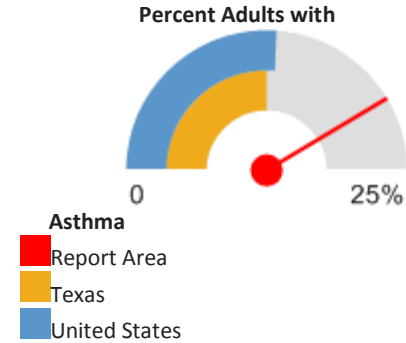
**HEALTH OUTCOMES**

Measuring morbidity and mortality rates allows assessing linkages between social determinants of health and outcomes. By comparing, for example, the prevalence of certain chronic diseases to indicators in other categories (e.g., poor diet and exercise) with outcomes (e.g., high rates of obesity and diabetes), various causal relationship may emerge, allowing a better understanding of how certain community health needs may be addressed.

Asthma Prevalence

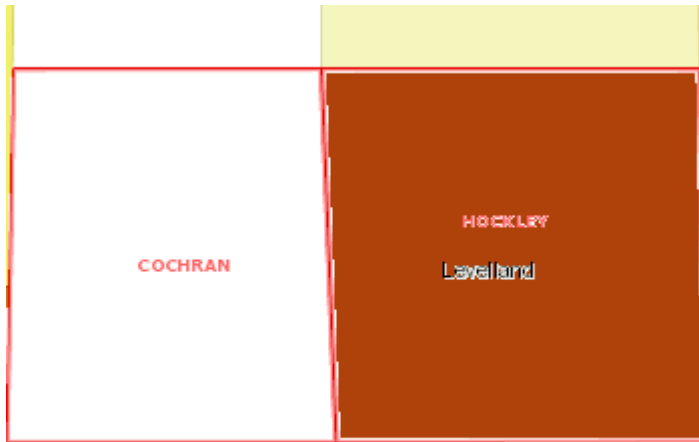
This indicator reports the percentage of adults aged 18 and older who self-report that they have ever been told by a doctor, nurse, or other health professional that they had asthma. This indicator is relevant because asthma is a prevalent problem in the U.S. that is often exacerbated by poor environmental conditions.

Report Area	Total Population (Age 18 )	Number Adults with Asthma	Percent Adults with Asthma
Report Area	18,955	3,462	<b>20.70%</b>
Cochran County	2,227	no data	no data
Hockley County	16,728	3,463	<b>20.70%</b>
Texas	17,639,656	2,206,721	12.51%
United States	232,747,222	30,473,296.44	13.09%

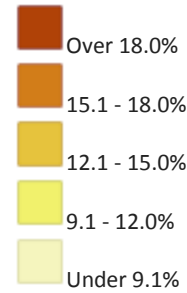


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.*



**Pct. of Population (Age 18 ) Ever Diagnosed with Asthma, By County, CDC BRFSS 2006-2010**

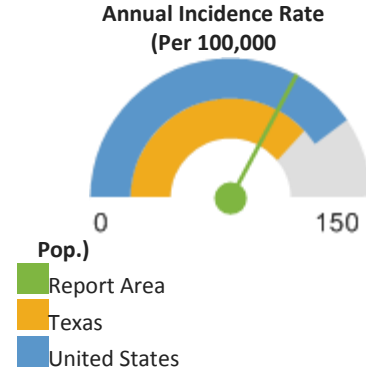


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**Breast Cancer Incidence**

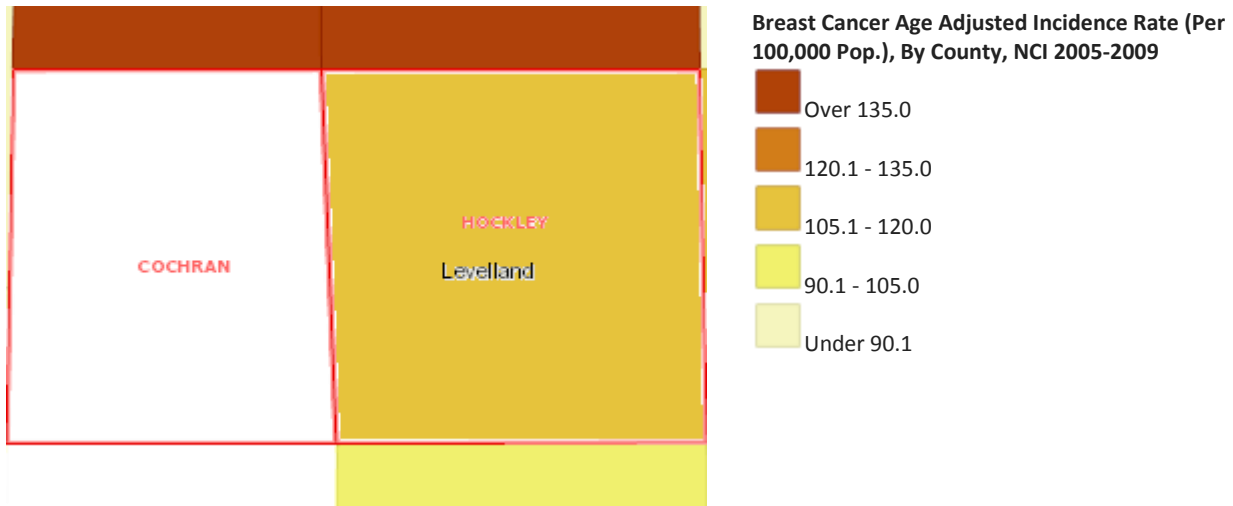
This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with breast cancer adjusted to 2000 U.S. standard population age groups (Under Age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Total Population, ACS 2005-2009	Annual Incidence, 2005-2009 Average	Annual Incidence Rate (Per 100,000 Pop.)
Report Area	25,439	25	98.20
Cochran County	3,080	no data	no data
Hockley County	22,359	25	113.90
Texas	23,819,042	27,511	115.50
United States	301,461,536	367,783	122



Note: This indicator is compared with the state average.

Data Source: [The Centers for Disease Control and Prevention, and the National Cancer Institute: State Cancer Profiles, 2005-2009](#). Source geography: County.



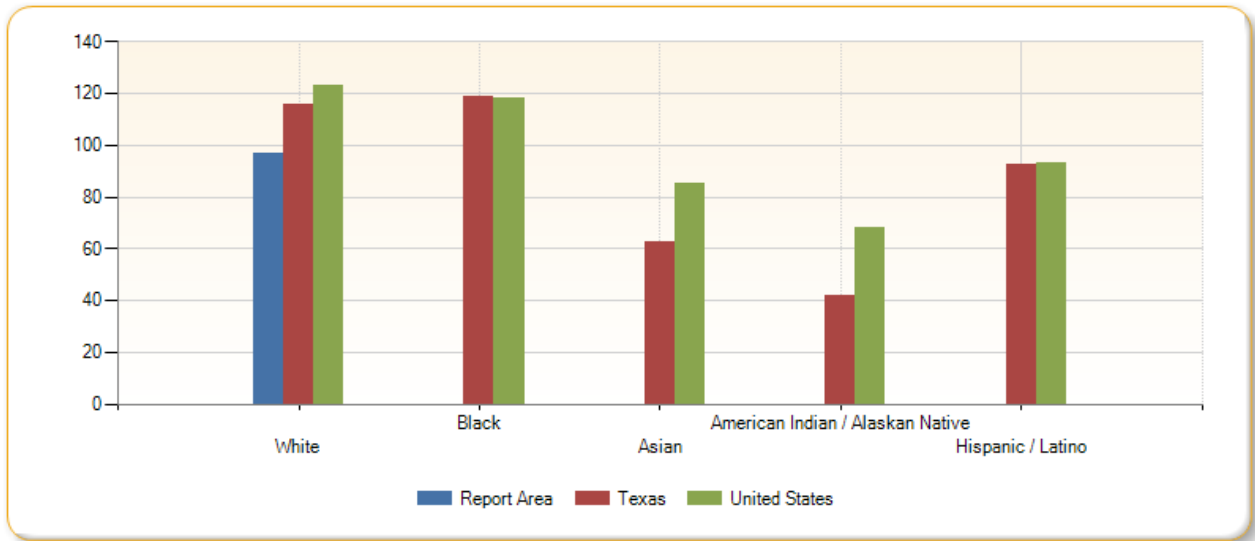
**Population by Race / Ethnicity, New Breast Cancer Incidence (Count)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	21	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	21	no data	no data	no data	no data
Texas	19,798	3,246	510	51	7,931
United States	276,098	43,972	11,261	1,655	280,661

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**Population by Race / Ethnicity, Breast Cancer Incidence Rate (Per 100,000)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	97.01	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	107	no data	no data	no data	no data
Texas	115.70	118.50	62.90	41.80	92.70
United States	123	118	85.30	68.30	93.10

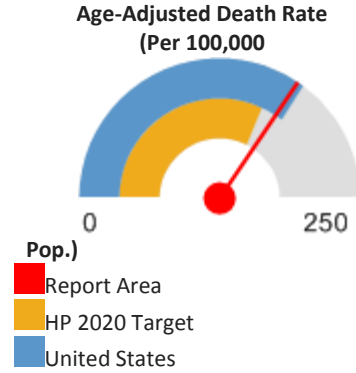


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**Cancer Mortality**

This indicator reports the rate of death due to malignant neoplasm (cancer) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because cancer is a leading cause of death in the United States.

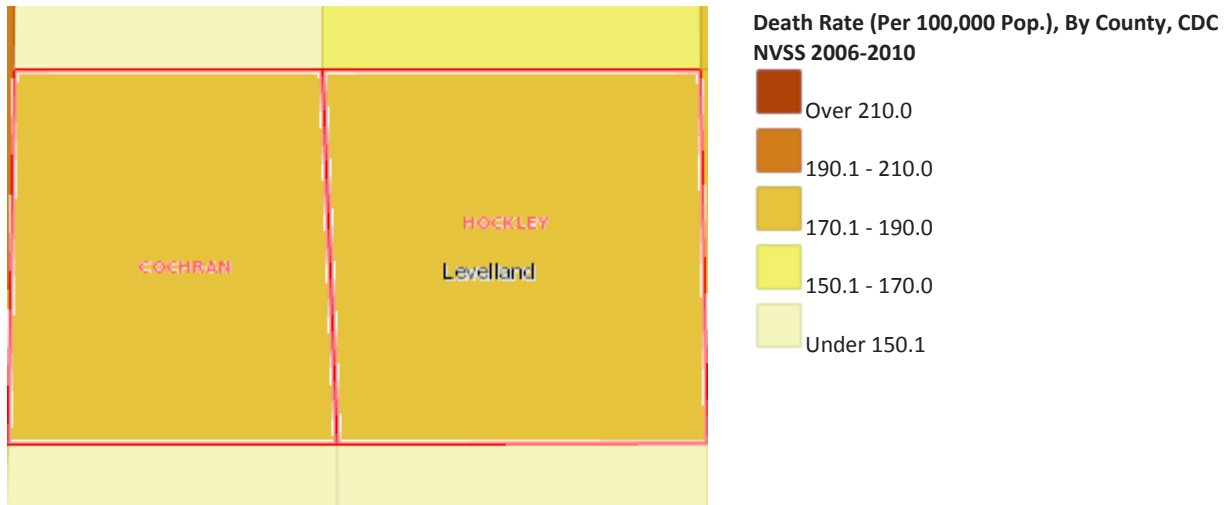
Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	45	171.65	<b>171.59</b>
Cochran County	3,153	6	196.65	<b>183.01</b>
Hockley County	22,947	39	168.21	<b>170.02</b>
Texas	24,289,585	35,607	146.59	<b>169.51</b>
United States	303,844,430	566,121	186.32	<b>176.66</b>
<a href="#">HP 2020 Target</a>				<= 160.6



Note: This indicator is compared with the Healthy People 2020 Target.

Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010...](#) Accessed through [CDC WONDER](#).

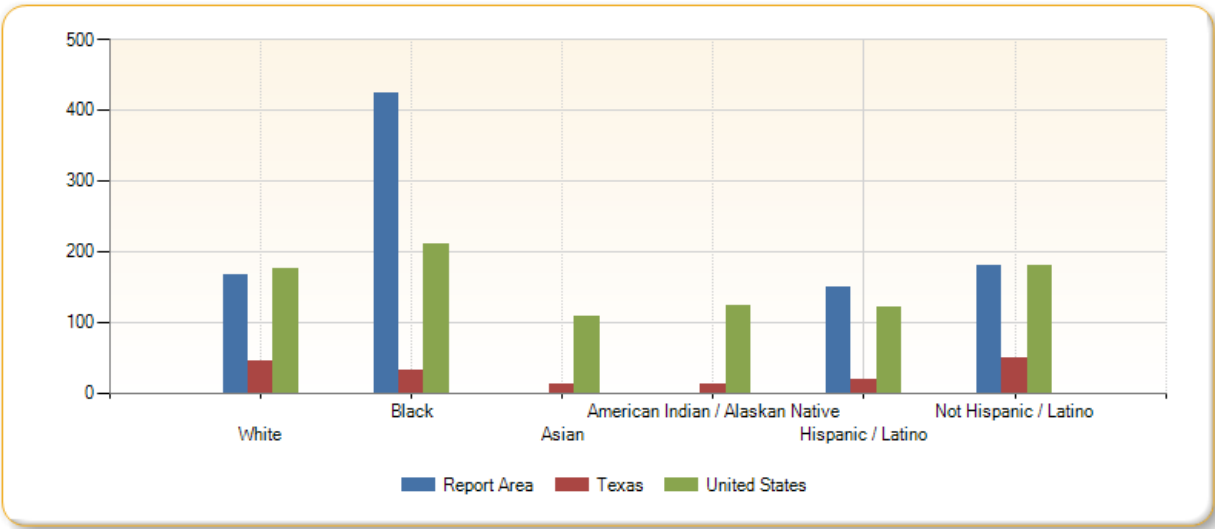
Source geography: County.



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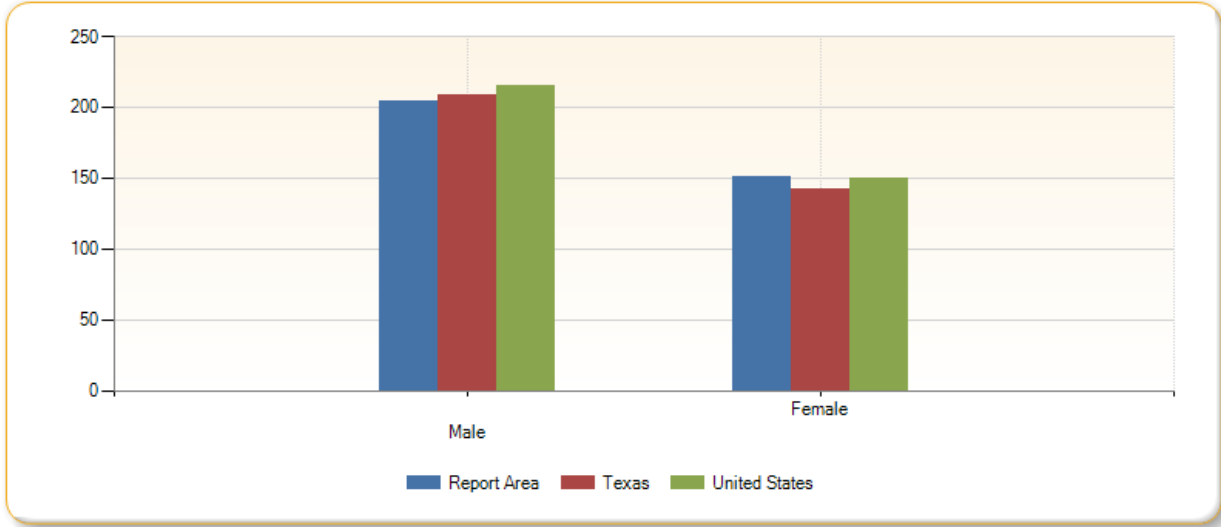
**Population by Race / Ethnicity, Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino	Not Hispanic / Latino
Report Area	167.89	424.50	no data	no data	149.53	180.96
Cochran County	186.11	no data	no data	no data	no data	199.96
Hockley County	165.41	<b>424.49</b>	no data	no data	149.53	178.80
Texas	44.85	30.68	11.48	12.29	18.49	48.77
United States	176.12	209.70	108.72	122.20	121.09	180.92



**Population by Gender, Cancer Mortality, Age-Adjusted Rate (Per 100,000 Pop.)**

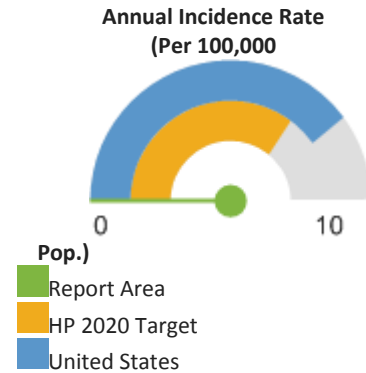
Report Area	Male	Female
Report Area	204.98	150.66
Cochran County	227.31	160.55
Hockley County	201.91	149.30
Texas	208.61	141.84
United States	215.04	150.05



**Cervical Cancer Incidence**

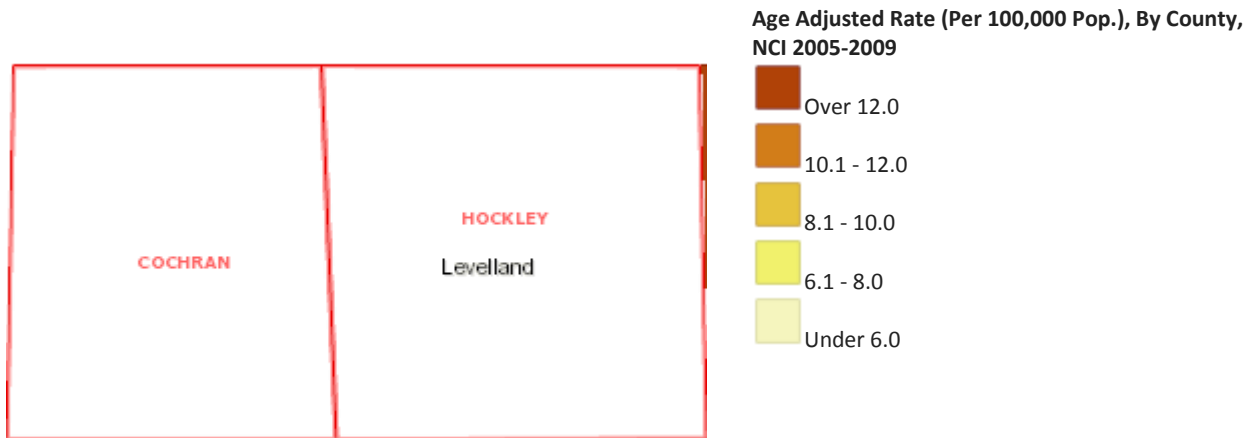
This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of females with cervical cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Total Population, ACS 2005-2009	Annual Incidence, 2005-2009 Average	Annual Incidence Rate (Per 100,000 Pop.)
Report Area	25,439	no data	no data
Cochran County	3,080	no data	no data
Hockley County	22,359	no data	no data
Texas	23,819,042	2,263	<b>9.50</b>
United States	301,461,536	24,117	<b>8</b>
<u>HP 2020 Target</u>			<= 7.1



*Note: This indicator is compared with the Healthy People 2020 Target.*  
*Data Source: [The Centers for Disease Control and Prevention, and the National Cancer Institute: State Cancer Profiles, 2005-2009](#). Source geography: County.*

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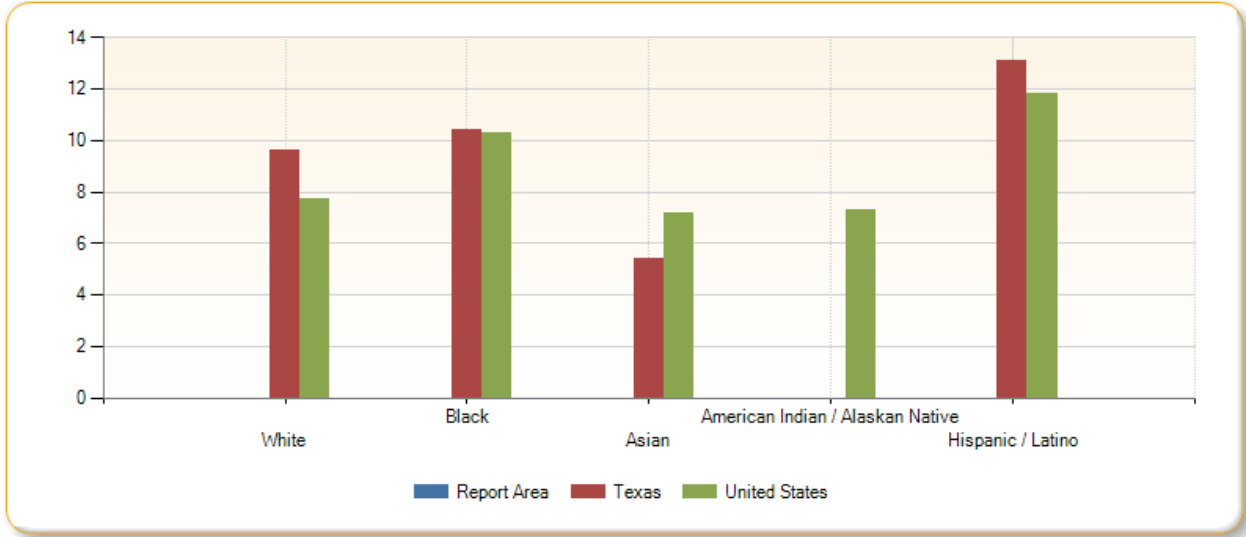


**Population by Race / Ethnicity, New Cervical Cancer Incidence (Count)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	no data	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	no data	no data	no data	no data	no data
Texas	1,643	285	44	no data	1,121
United States	17,284	3,838	950	177	35,572

**Population by Race / Ethnicity, Cervical Cancer Incidence Rate (Per 100,000)**

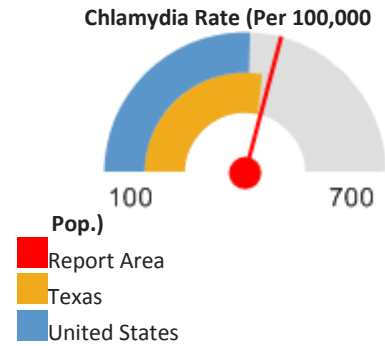
Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	no data	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	no data	no data	no data	no data	no data
Texas	9.60	10.40	5.40	no data	13.10
United States	7.70	10.30	7.20	7.30	11.80



Chlamydia Incidence

This indicator reports incidence rate of chlamydia cases per 100,000 population. This indicator is relevant because it is a measure of poor health status and indicates the prevalence of unsafe sex practices.

Report Area	Total Population, 2010 Census	Reported Cases of Chlamydia	Chlamydia Rate (Per 100,000 Pop.)
Report Area	26,062	117	<b>448.93</b>
Cochran County	3,127	12	<b>403.10</b>
Hockley County	22,935	105	<b>472.90</b>
Texas	25,145,561	105,894	435.53
United States	308,730,677	1,236,680	406.89

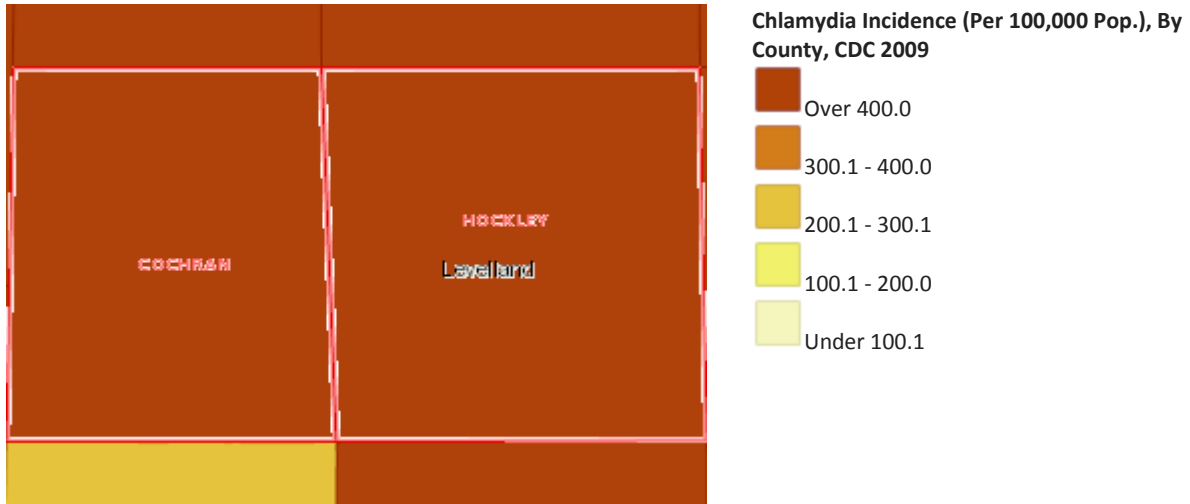


Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Centers for Disease Control and Prevention and the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, 2009](#). Source geography: County.



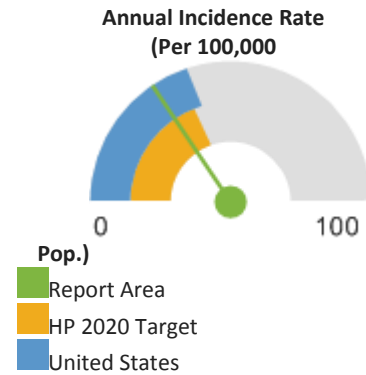
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**Colon and Rectum Cancer Incidence**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of colon and rectum cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

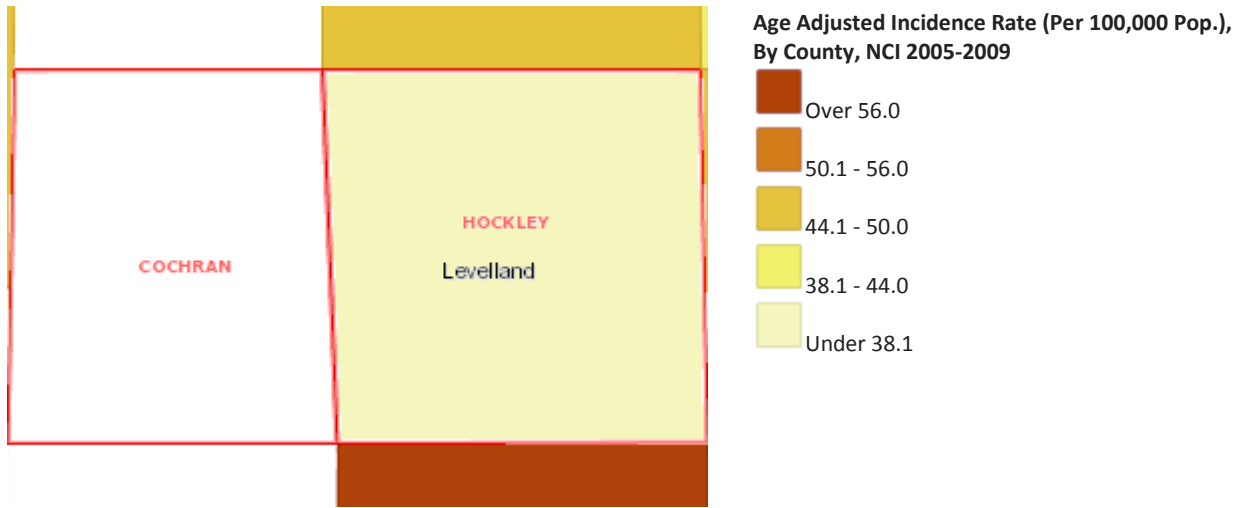
Report Area	Total Population, ACS 2005-2009	Annual Incidence, 2005-2009 Average	Annual Incidence Rate (Per 100,000 Pop.)
Report Area	25,439	8	<b>31.40</b>
Cochran County	3,080	no data	no data
Hockley County	22,359	8	<b>36.90</b>
Texas	23,819,042	10,528	<b>44.20</b>
United States	301,461,536	121,188	<b>40.20</b>
<a href="#">HP 2020 Target</a>			<= 38.6



Note: This indicator is compared with the Healthy People 2020 Target.

Data Source: [The Centers for Disease Control and Prevention, and the National Cancer Institute: State Cancer Profiles, 2005-2009](#). Source geography: County.

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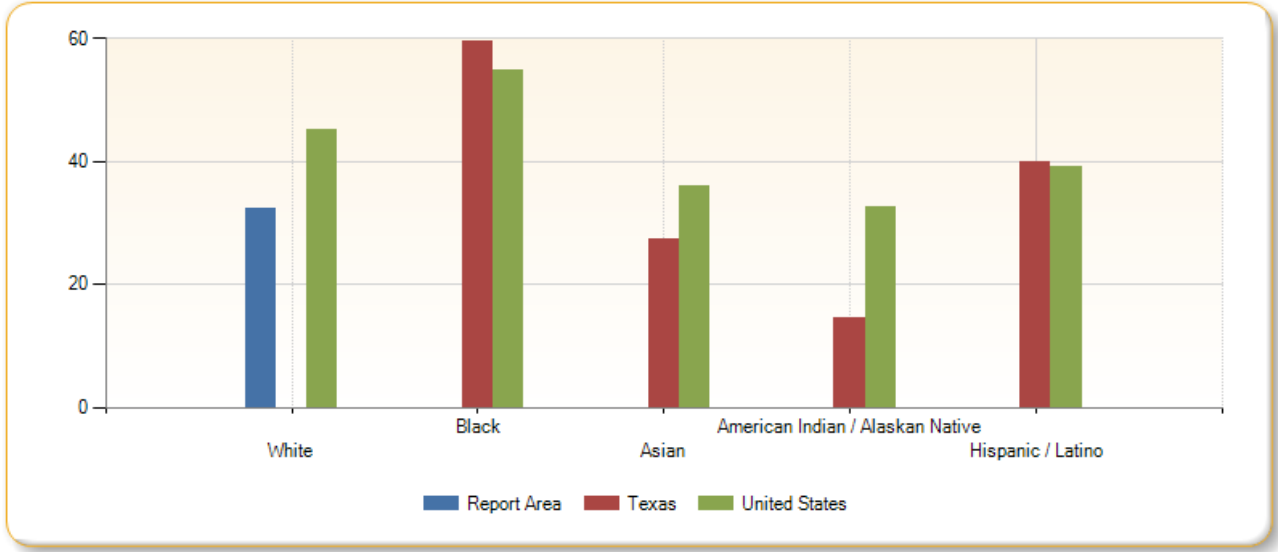


**Population by Race / Ethnicity, New Colon and Rectum Cancer Incidence (Count)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	7	0	0	0	0
Cochran County	no data	0	0	0	0
Hockley County	7	0	0	0	0
Texas	no data	1,630	222	18	3,413
United States	101,236	20,421	4,752	788	118,173

**Population by Race / Ethnicity, Colon and Rectum Cancer Incidence Rate (Per 100,000)**

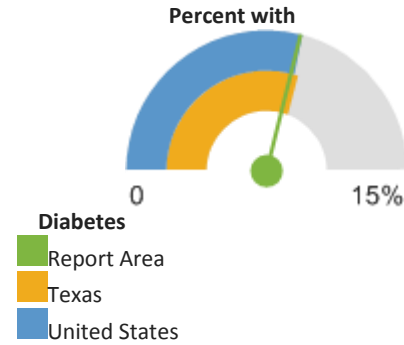
Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	32.34	0	0	0	0
Cochran County	no data	0	0	0	0
Hockley County	35.90	0	0	0	0
Texas	no data	59.50	27.40	14.60	39.90
United States	45.10	54.80	36	32.50	39.20



**Diabetes Prevalence**

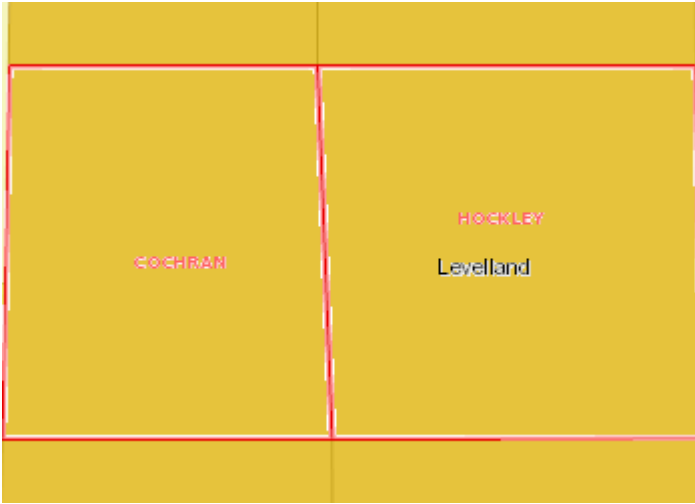
This indicator reports the percentage of adults aged 20 and older who have ever been told by a doctor that they have diabetes. This indicator is relevant because diabetes is a prevalent problem in the U.S.; it may indicate an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population (Age 20 )	Population with Diabetes	Percent with Diabetes
Report Area	18,934.32	1,640	8.66%
Cochran County	2,329.67	212	9.10%
Hockley County	16,604.65	1,428	8.60%
Texas	16,936,419.06	1,539,602	9.09%
United States	239,583,791.97	21,015,523	8.77%

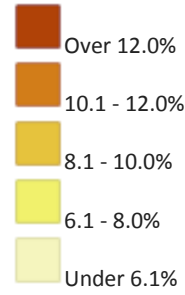


*Note: This indicator is compared with the state average.*  
*Data Source: [Centers for Disease Control and Prevention, National Diabetes Surveillance System, 2009](#). Source geography: County.*

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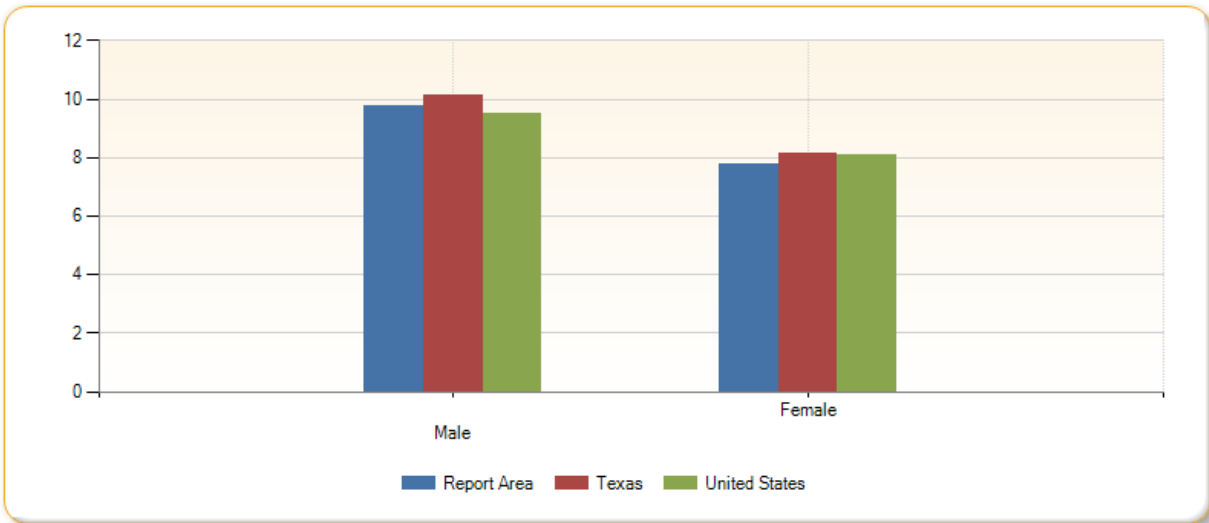


**Pct. Adults Diagnosed with Diabetes, By County, CDC National Diabetes Surveillance System, 2009**



**Population by Gender, Adults with Diabetes, Percentage (Age-Adjusted)**

Report Area	Male	Female
Report Area	9.76%	7.75%
Cochran County	10.20%	8.10%
Hockley County	9.70%	7.70%
Texas	10.15%	8.15%
United States	9.48%	8.08%

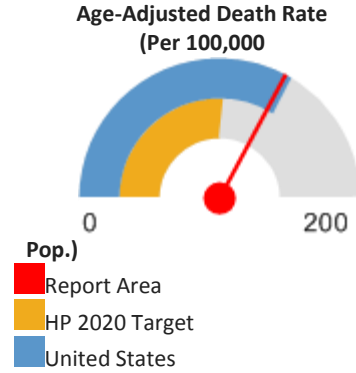


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Heart Disease Mortality

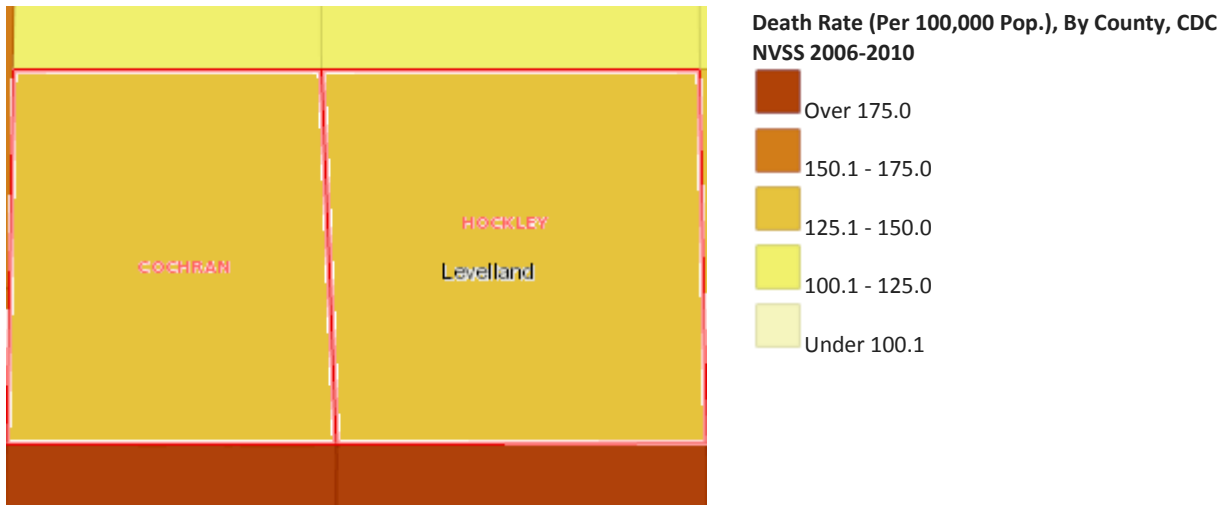
This indicator reports the rate of death due to coronary heart disease per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because heart disease is a leading cause of death in the United States.

Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	34	128.74	<b>131.46</b>
Cochran County	3,153	5	145.90	<b>140.83</b>
Hockley County	22,947	29	126.38	<b>130.18</b>
Texas	24,289,585	26,857	110.57	<b>133.23</b>
United States	303,844,430	432,552	142.36	<b>134.65</b>
<a href="#">HP 2020 Target</a>				<= 100.8



Note: This indicator is compared with the Healthy People 2020 Target.

Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010...](#) Accessed through [CDC WONDER](#). Source geography: County.

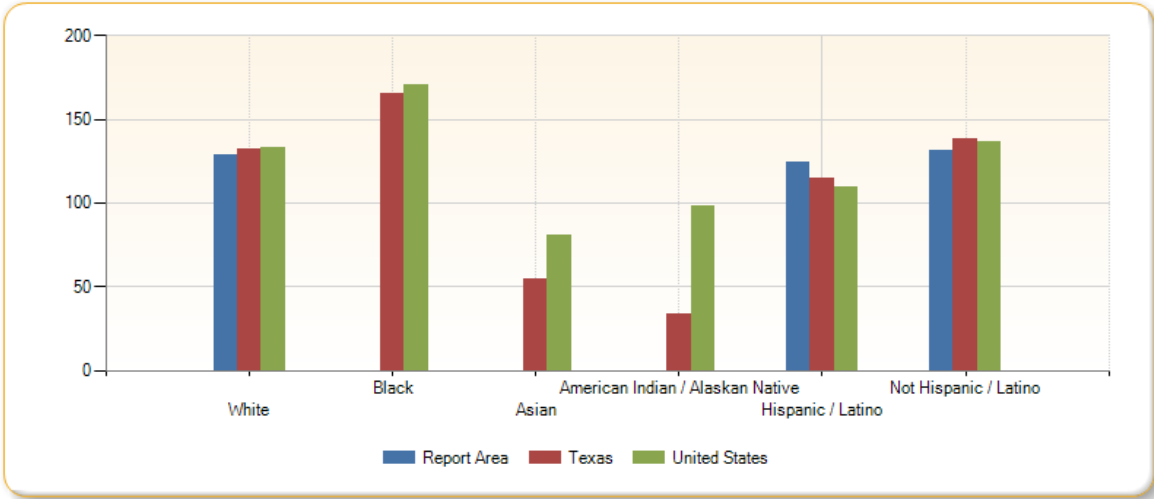


**Population by Race / Ethnicity, Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino	Not Hispanic / Latino
Report Area	128.95	no data	no data	no data	124.56	131.31
Cochran County	141.88	no data	no data	no data	no data	140.20

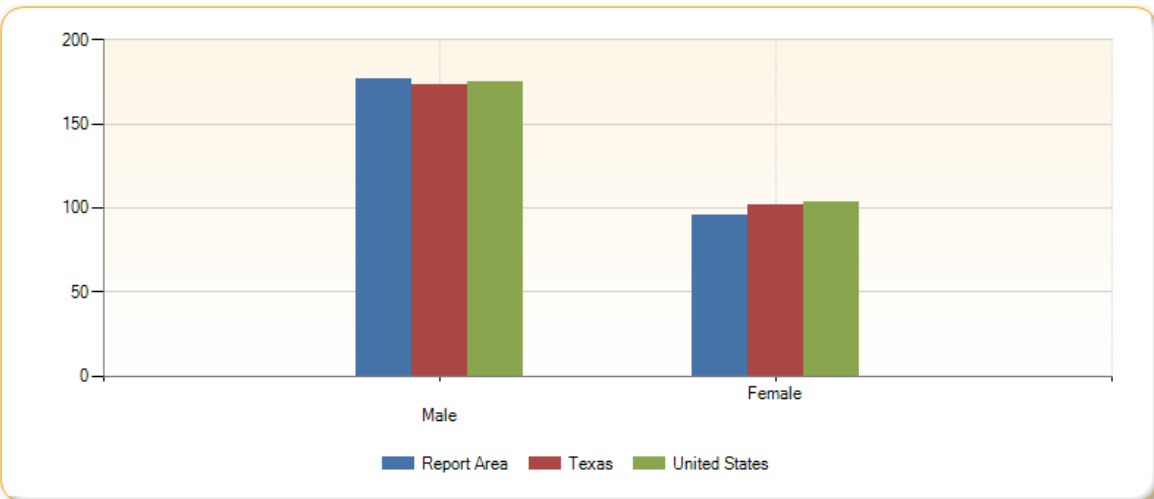
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Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino	Not Hispanic / Latino
Hockley County	127.19	no data	no data	no data	124.56	130.30
Texas	132.14	165.79	54.86	33.28	114.56	137.89
United States	132.80	170.35	80.47	98.48	109.88	136.45



**Population by Gender, Coronary Heart Disease Mortality, Age-Adjusted Rate (Per 100,000 Pop.)**

Report Area	Male	Female
Report Area	176.54	95.96
Cochran County	170.10	123.68
Hockley County	177.43	92.16
Texas	173.06	102.09
United States	175	103.44

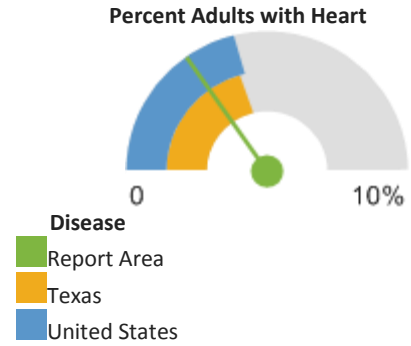


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Heart Disease Prevalence

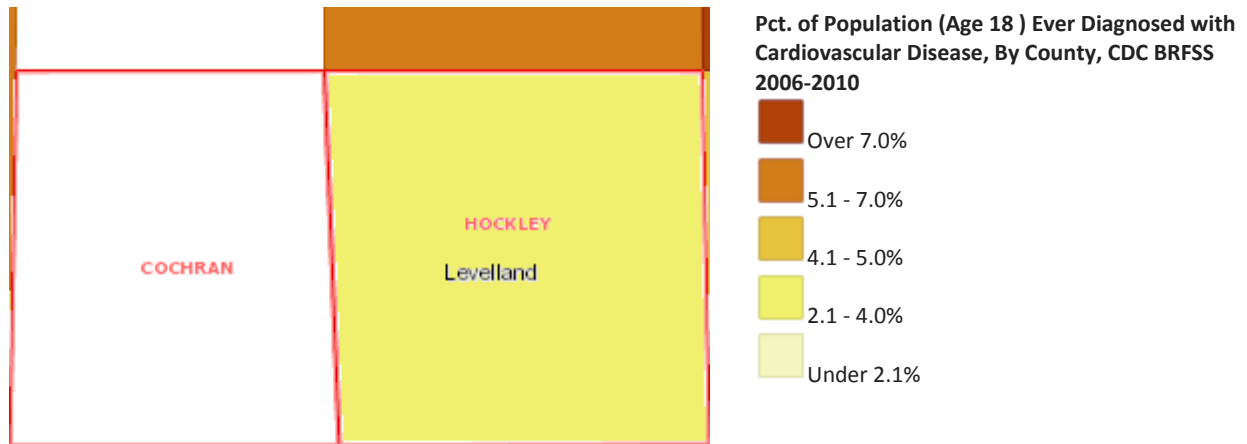
This indicator reports the percentage of adults aged 18 and older who have ever been told by a doctor that they have coronary heart disease or angina. This indicator is relevant because coronary heart disease is a leading cause of death in the U.S. and is also related to high blood pressure, high cholesterol, and heart attacks.

Report Area	Total Population (Age 18 )	Number Adults with Heart Disease	Percent Adults with Heart Disease
Report Area	18,955	511	3.06%
Cochran County	2,227	no data	no data
Hockley County	16,728	512	3.06%
Texas	17,639,656	737,338	4.18%
United States	232,747,222	9,911,760.85	4.26%



Note: This indicator is compared with the state average. No breakout data available.

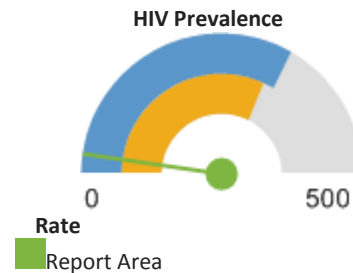
Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.



HIV Prevalence

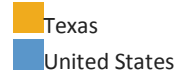
This indicator reports prevalence rate of HIV per 100,000 population. This indicator is relevant because HIV is a life-threatening communicable disease that disproportionately affects minority populations and may also indicate the prevalence of unsafe sex practices.

Report Area	Total Population ACS 2005-2009	Estimated Population with HIV	HIV Prevalence Rate
Report Area	25,439	6	23.50
Cochran County	3,080	no data	no data



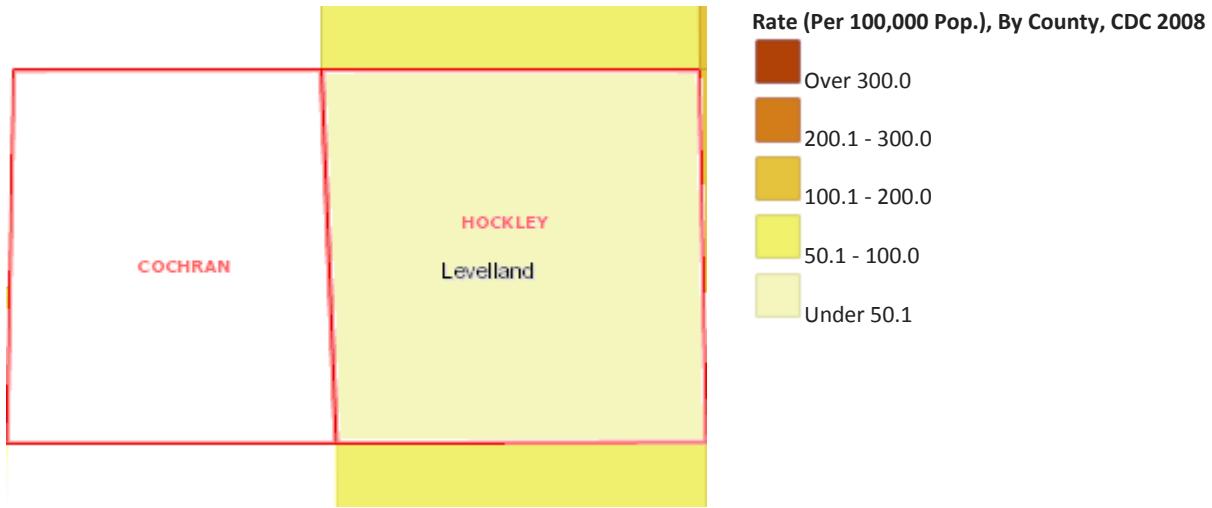
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Hockley County	22,359	6	<b>27.90</b>
Texas	23,819,042	76,340	320.50
United States	297,679,913	994,491	334



Note: This indicator is compared with the state average. No breakout data available.

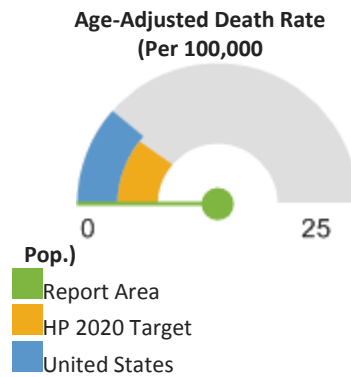
Data Source: [Centers for Disease Control and Prevention and the National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, 2008](#). Source geography: County.



**Homicide**

This indicator reports the rate of death due to assault (homicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummarized for report areas from county level data, only where data is available. This indicator is relevant because homicide rate is a measure of poor community safety and is a leading cause of premature death.

Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	0	no data	no data
Cochran County	3,153	no data	no data	no data
Hockley County	22,947	no data	no data	no data
Texas	24,289,585	1,463	6.02	<b>5.95</b>
United States	303,844,430	17,564	5.78	<b>5.81</b>
<a href="#">HP 2020 Target</a>				<= 5.5

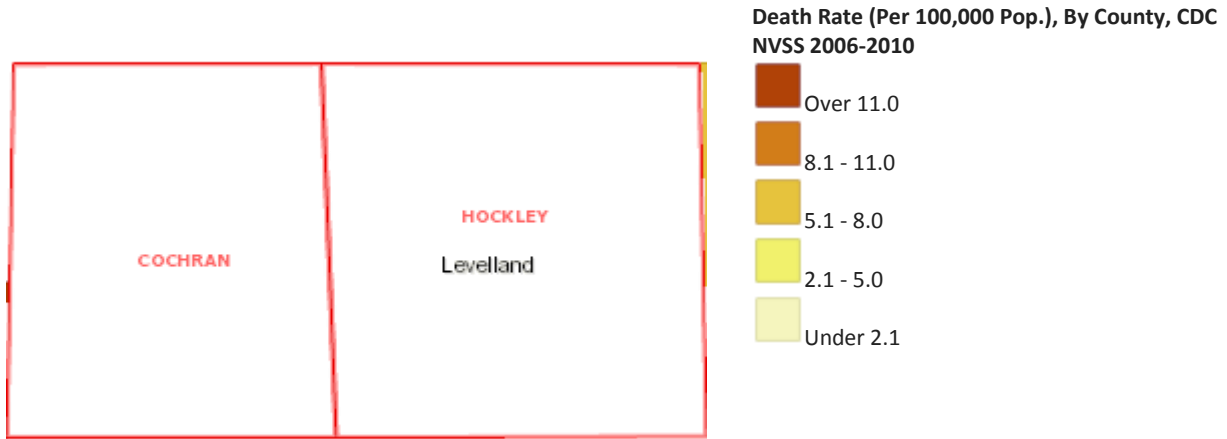


Note: This indicator is compared with the Healthy People 2020 Target.



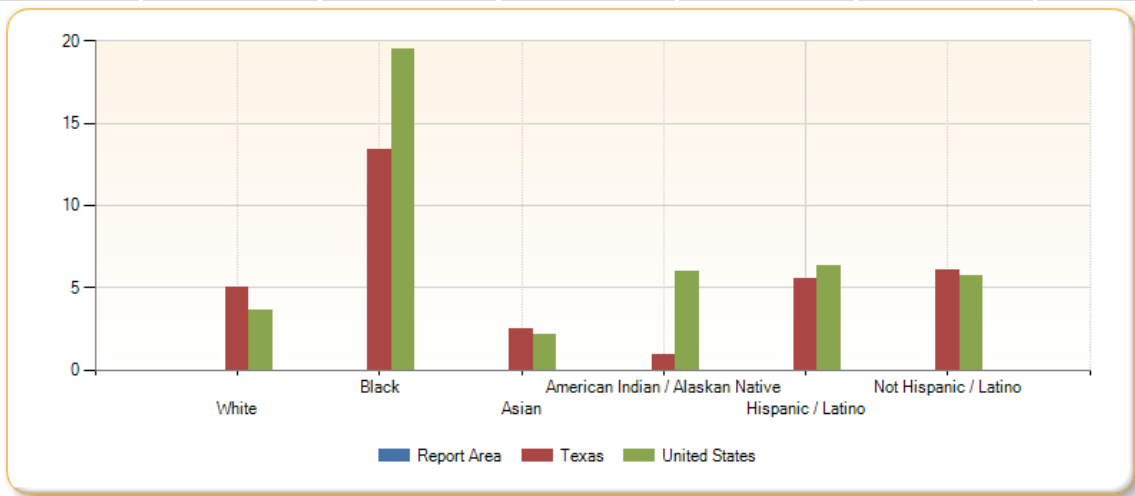
**Covenant Hospital Levelland  
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Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010](#). Accessed through [CDC WONDER](#).  
Source geography: County.



**Population by Race / Ethnicity, Homicide, Age-Adjusted Rate (Per 100,000 Pop.)**

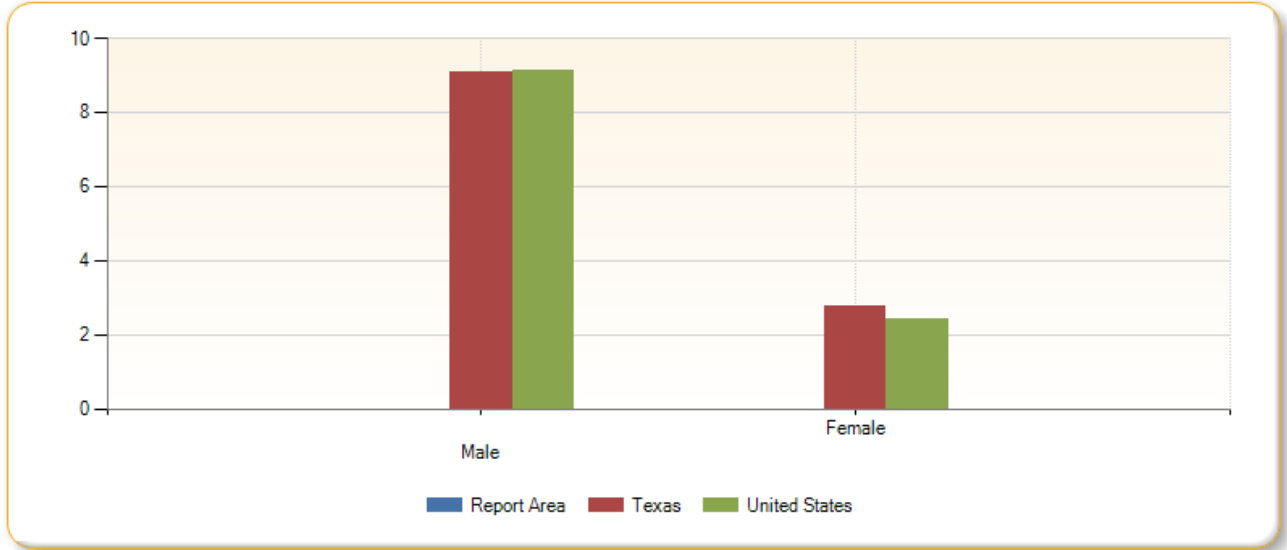
Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino	Not Hispanic / Latino
Report Area	no data	no data	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data	no data
Hockley County	no data	no data	no data	no data	no data	no data
Texas	5.02	13.39	2.51	0.93	5.56	6.06
United States	3.58	19.50	2.16	5.98	6.33	5.68



**Population by Gender, Homicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.)**

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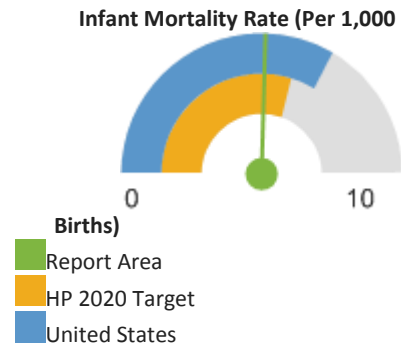
Report Area	Male	Female
Report Area	no data	no data
Cochran County	no data	no data
Hockley County	no data	no data
Texas	9.10	2.79
United States	9.16	2.43



**Infant Mortality**

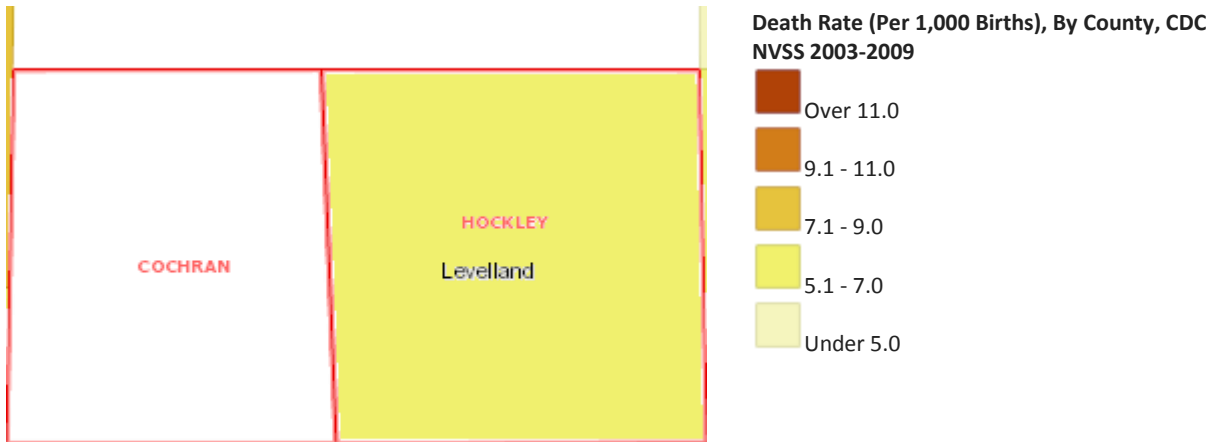
This indicator reports the rate of deaths to infants less than one year of age per 1,000 births. This indicator is relevant because high rates of infant mortality indicate the existence of broader issues pertaining to access to care and maternal and child health.

Report Area	Total Births	Total Infant Deaths	Infant Mortality Rate (Per 1,000 Births)
Report Area	2,958	15	5.07
Cochran County	424	no data	no data
Hockley County	2,534	15	5.92
Texas	2,759,443	17,384	6.30
United States	58,600,996	393,074	6.71
<a href="#">HP 2020 Target</a>			<= 6.0



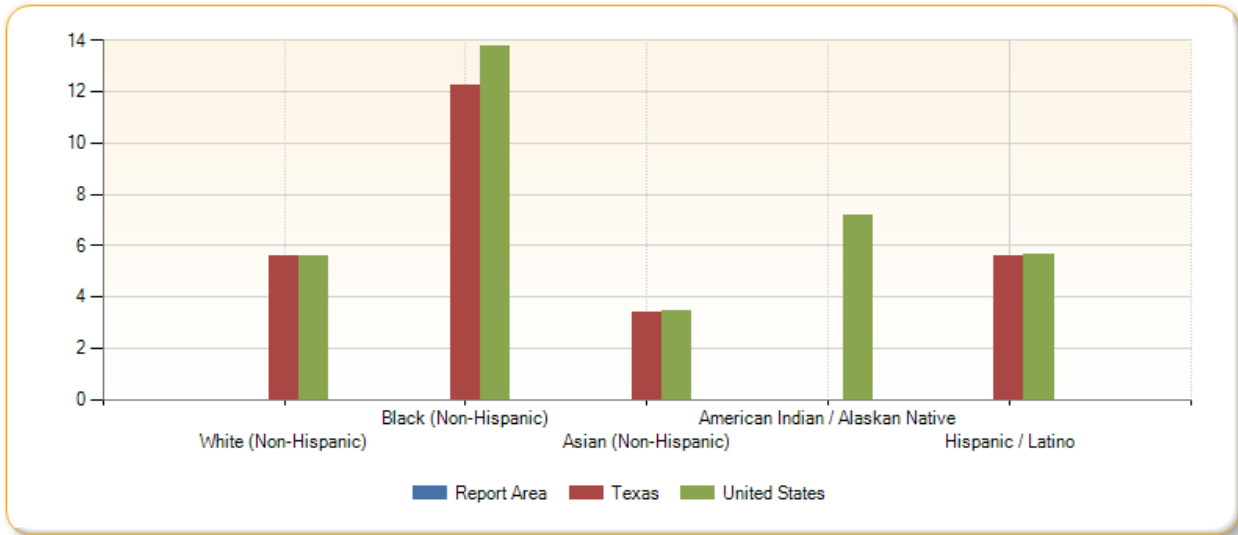
Note: This indicator is compared with the Healthy People 2020 Target.  
Data Source: [Centers for Disease Control and Prevention, National Vital Statistics System, 2003-2009](#). Source geography: County.

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**Population by Race / Ethnicity, Infant Mortality Rate (Per 1,000 Live Births)**

Report Area	White (Non-Hispanic)	Black (Non-Hispanic)	Asian (Non-Hispanic)	American Indian / Alaskan Native	Hispanic / Latino
Report Area	no data	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	no data	no data	no data	no data	no data
Texas	5.61	12.22	3.42	no data	5.59
United States	5.58	13.76	3.44	7.17	5.65

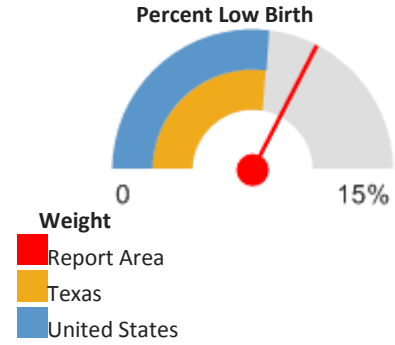


Low Birth Weight

This indicator reports the percentage of total births that were low birth weight (Under 2500g). This indicator is relevant because low birth weight infants are at high risk for health problems. This indicator can also highlight the existence of health disparities.

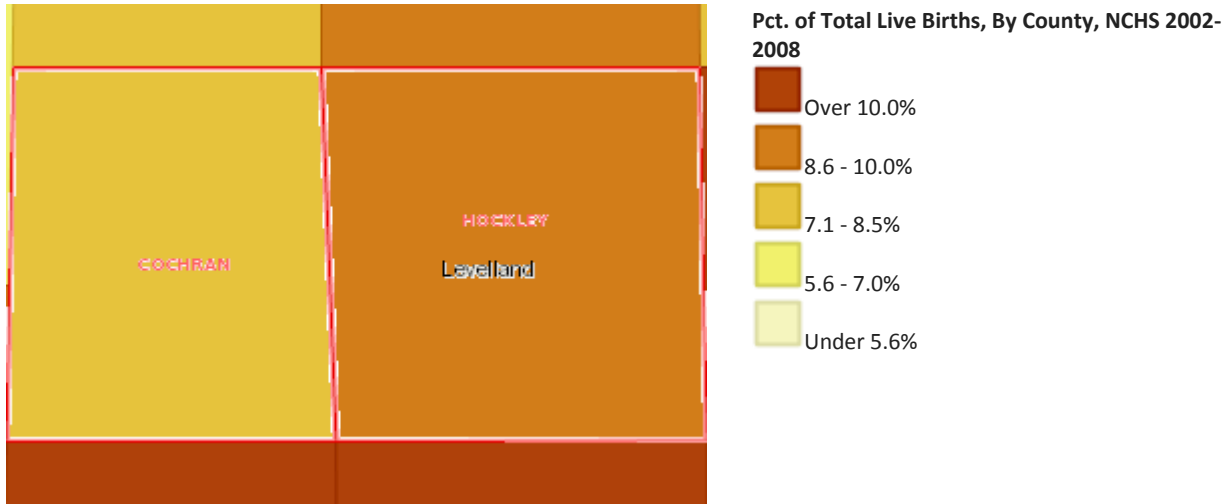
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Report Area	Total Births	Number Low Birth Weight (< 2500g)	Percent Low Birth Weight
Report Area	2,956	288	<b>9.74%</b>
Cochran County	412	35	<b>8.50%</b>
Hockley County	2,544	253	<b>9.94%</b>
Texas	2,724,161	222,831	8.18%
United States	29,126,451	2,359,843	8.10%



Note: This indicator is compared with the state average. No breakout data available.

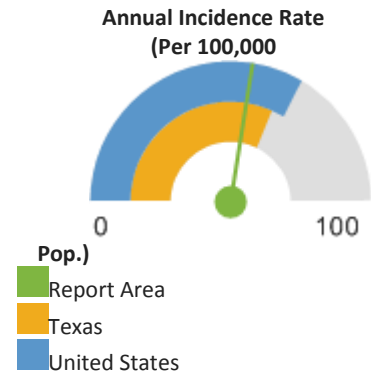
Data Source: [Centers for Disease Control and Prevention, National Vital Statistics Systems, 2003-2009](#). Accessed through the [Health Indicators Warehouse](#). Source geography: County.



**Lung Cancer Incidence**

This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of lung cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Total Population, ACS 2005-2009	Annual Incidence, 2005-2009 Average	Annual Incidence Rate (Per 100,000 Pop.)
Report Area	25,439	14	<b>55</b>
Cochran County	3,080	no data	no data
Hockley County	22,359	14	<b>63.10</b>
Texas	23,819,042	15,197	63.80

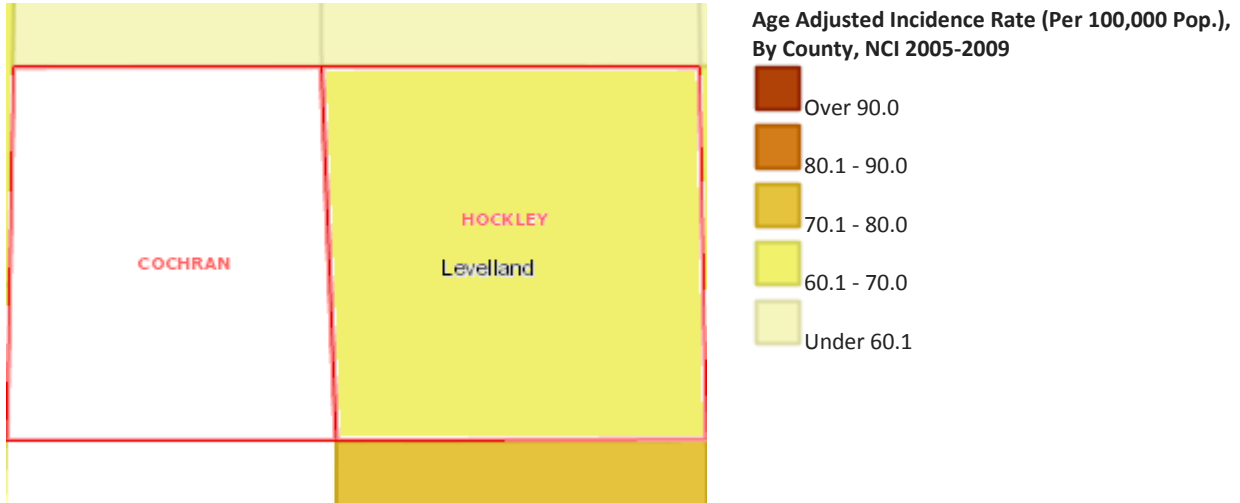


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United States	301,461,536	202,582	67.20
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Note: This indicator is compared with the state average.

Data Source: [The Centers for Disease Control and Prevention, and the National Cancer Institute: State Cancer Profiles, 2005-2009](#). Source geography: County.

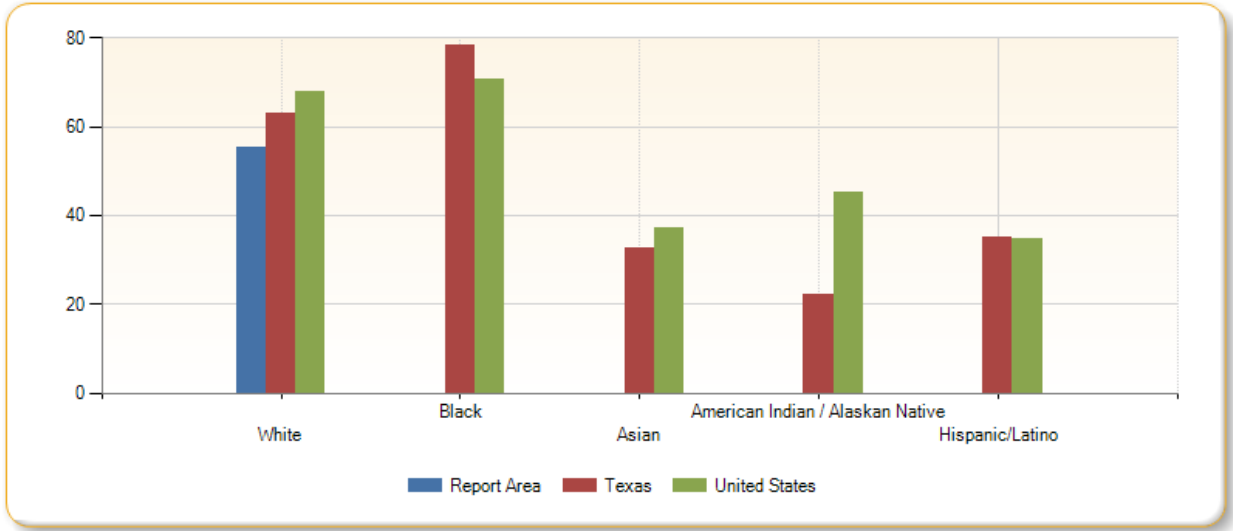


**Population by Race / Ethnicity, New Lung Cancer Incidence (Count)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	12	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	12	no data	no data	no data	no data
Texas	10,780	2,150	266	27	2,994
United States	152,415	26,309	4,884	1,093	104,607

**Population by Race / Ethnicity, Lung Cancer Incidence Rate (Per 100,000)**

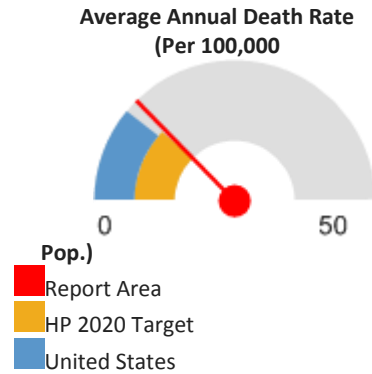
Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	55.43	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	60.50	no data	no data	no data	no data
Texas	63	78.50	32.80	22.10	35
United States	67.90	70.60	37	45.10	34.70



Motor Vehicle Crash Death

This indicator reports the rate of death due to motor vehicle crashes per 100,000 population, which include collisions with another motor vehicle, a nonmotorist, a fixed object, and a non-fixed object, an overturn, and any other non-collision. This indicator is relevant because motor vehicle crash deaths are preventable and they are a cause of premature death.

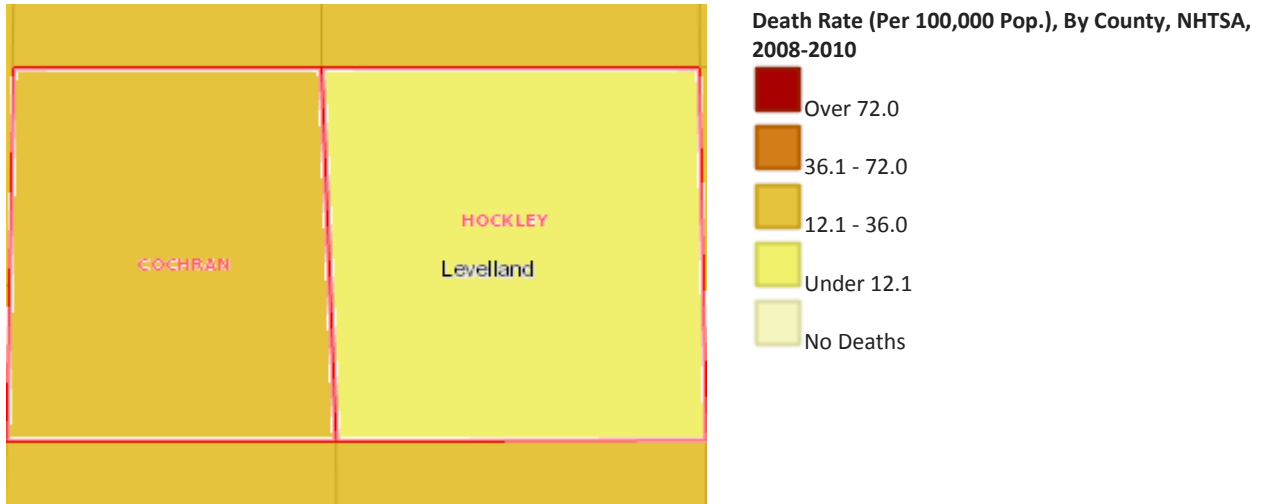
Report Area	Total Deaths, 2008-2010	Average Annual Deaths, 2008-2010	Average Annual Death Rate (Per 100,000 Pop.)
Report Area	10	3	<b>12.70</b>
Cochran County	2	0	<b>21.32</b>
Hockley County	8	2	<b>11.63</b>
Texas	9,462	3,154	<b>12.50</b>
United States	103,048	34,349	<b>11.13</b>
<a href="#">HP 2020 Target</a>			<= 12.4



Note: This indicator is compared with the Healthy People 2020 Target. No breakout data available.

Data Source: [National Highway Traffic Safety Administration, Fatality Analysis Reporting System, 2008-2010](#). Source geography: County.

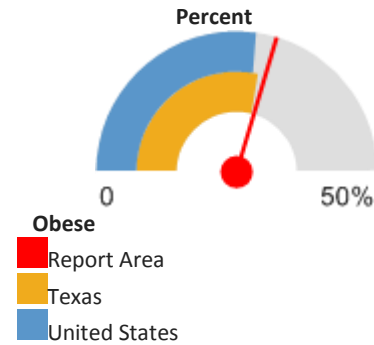
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**Obesity (Adult)**

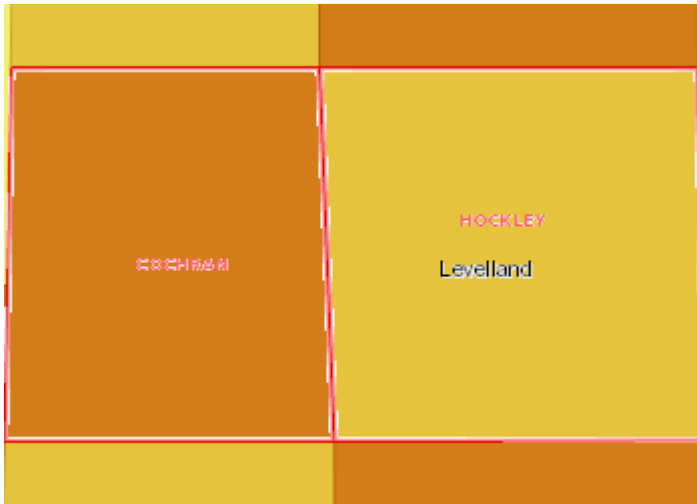
This indicator reports the percentage of adults aged 18 and older who self-report that they have a Body Mass Index (BMI) greater than 30.0 (obese). This indicator is relevant because excess weight is a prevalent problem in the U.S.; it indicates an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population (Age 20 )	Number Obese	Percent Obese
Report Area	17,389.30	5,157	<b>29.66%</b>
Cochran County	1,953.49	588	<b>30.10%</b>
Hockley County	15,435.81	4,569	<b>29.60%</b>
Texas	17,265,527.03	4,931,749	28.56%
United States	224,690,904.71	61,460,308	27.35%

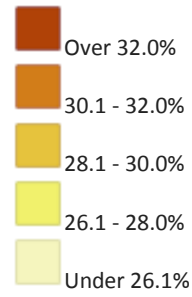


Note: This indicator is compared with the state average.  
Data Source: [Centers for Disease Control and Prevention, National Diabetes Surveillance System, 2009](#). Source geography: County.

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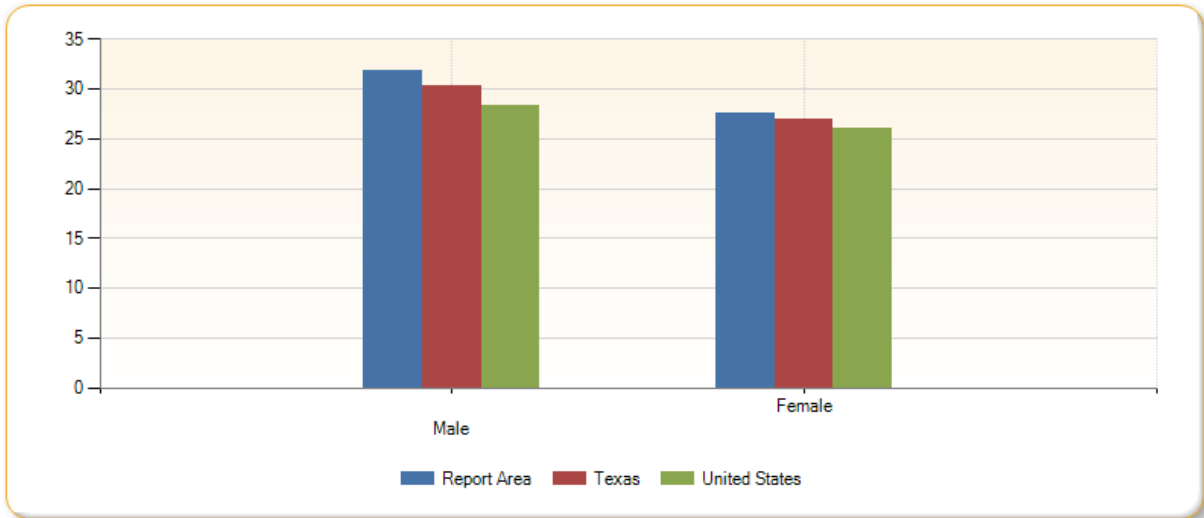


**Pct. Adults Obese (BMI >25.0), By County, CDC National Diabetes Surveillance System, 2009**



**Population by Gender, Adults Obese, Percentage (Age-Adjusted)**

Report Area	Male	Female
Report Area	31.82%	27.51%
Cochran County	32%	28.30%
Hockley County	31.80%	27.40%
Texas	30.28%	26.99%
United States	28.30%	26.03%



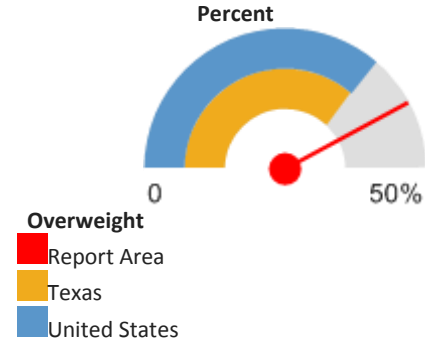


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**Overweight (Adult)**

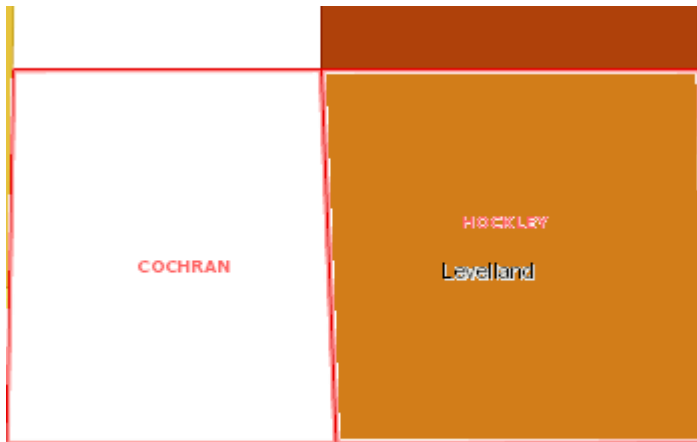
This indicator reports the percentage of adults aged 18 and older who self-report that they have a Body Mass Index (BMI) between 25.0 and 30.0 (overweight). This indicator is relevant because excess weight is a prevalent problem in the U.S.; it indicates an unhealthy lifestyle and puts individuals at risk for further health issues.

Report Area	Total Population (Age 18 )	Number Overweight	Percent Overweight
Report Area	18,955	7,035	<b>42.06%</b>
Cochran County	2,227	no data	no data
Hockley County	16,728	7,036	<b>42.06%</b>
Texas	17,639,656	6,445,530	36.54%
United States	232,747,222	84,521,271.09	36.31%

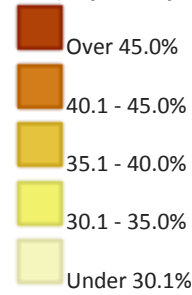


*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.*



**Pct. of Adults (Age 18 ) Overweight (BMI 25.0-29.9), by County, CDC BRFS 2006-2010**

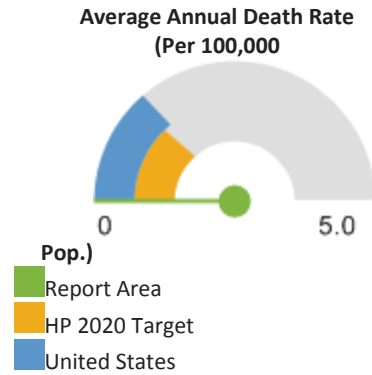


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Pedestrian Motor Vehicle Death

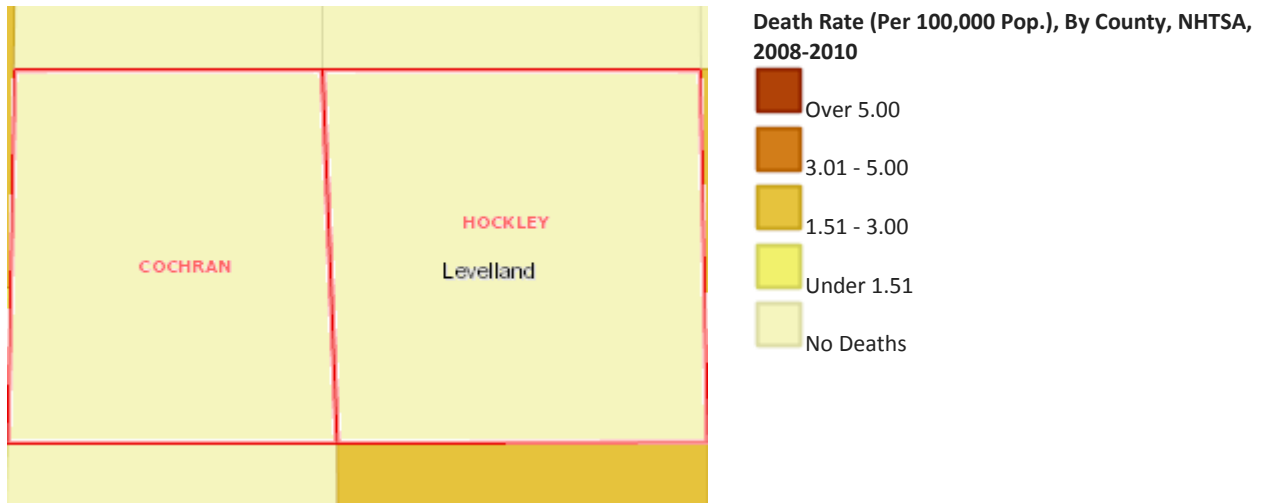
This indicator reports the rate of pedestrians killed by motor vehicles per 100,000 population. This indicator is relevant because pedestrian-motor vehicle crash deaths are preventable and they are a cause of premature death.

Report Area	Total Deaths, 2008-2010	Average Annual Deaths, 2008-2010	Average Annual Death Rate (Per 100,000 Pop.)
Report Area	0	0	0
Cochran County	0	0	0
Hockley County	0	0	0
Texas	1,126	375	1.40
United States	12,750	4,250	1.38
<u>HP 2020 Target</u>			<= 1.3



Note: This indicator is compared with the Healthy People 2020 Target. No breakout data available.

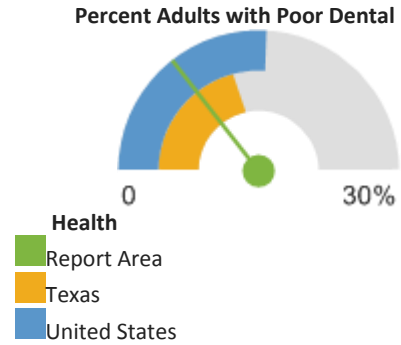
Data Source: [National Highway Traffic Safety Administration, Fatality Analysis Reporting System, 2008-2010](#). Source geography: County.



Poor Dental Health

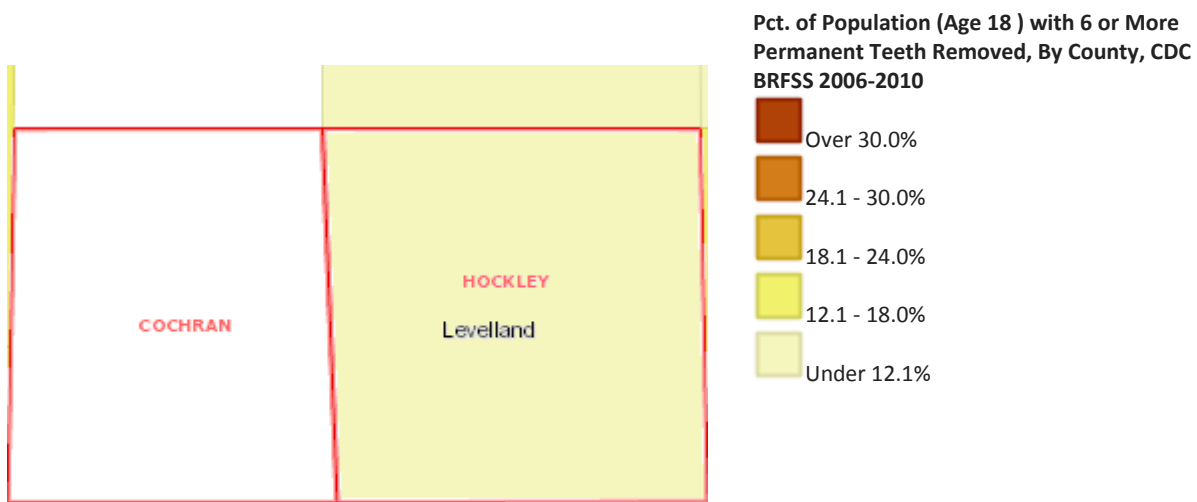
This indicator reports the percentage of adults age 18 and older who self-report that six or more of their permanent teeth have been removed due to tooth decay, gum disease, or infection. This indicator is relevant because it indicates lack of access to dental care and/or social barriers to utilization of dental services.

Report Area	Total Population (Age 18 )	Number Adults with Poor Dental Health	Percent Adults with Poor Dental Health
Report Area	18,955	1,453	8.69%
Cochran County	2,227	no data	no data
Hockley County	16,728	1,454	8.69%
Texas	17,639,656	2,234,944	12.67%
United States	232,747,222	36,229,520	15.57%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2006-2010](#). Source geography: County.*

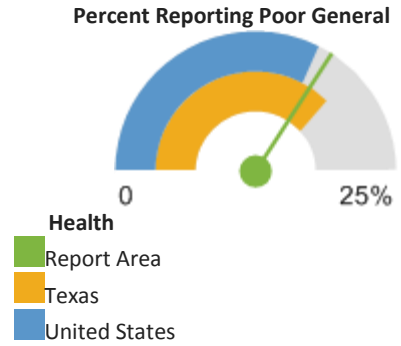


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Poor General Health

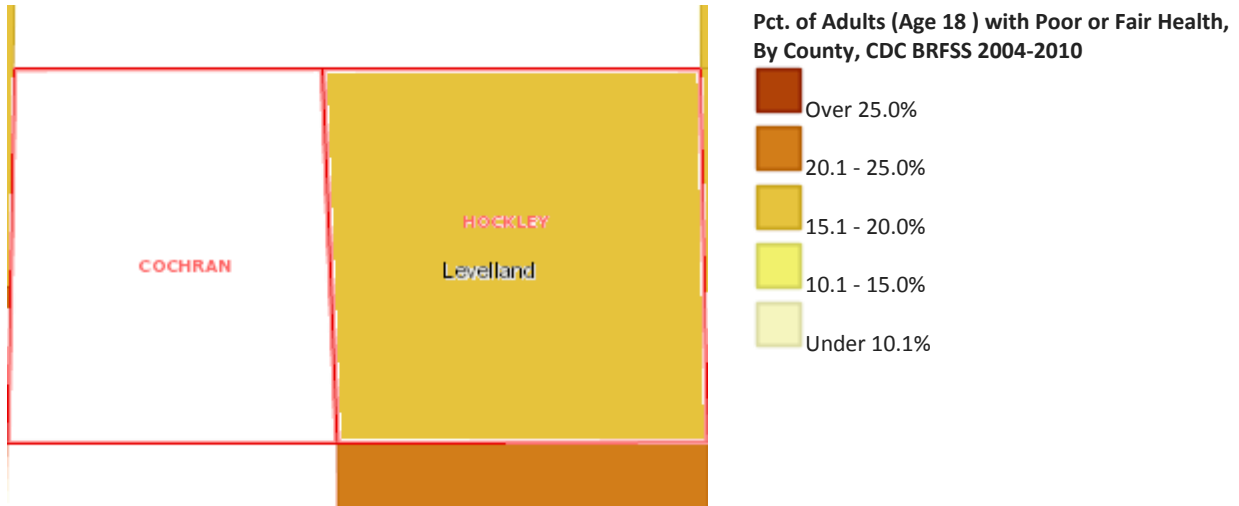
This indicator reports the percentage of adults age 18 and older who self-report having poor or fair health. This indicator is relevant because it is a measure of general poor health status. The source of this indicator is the Centers for Disease Control and Prevention, Behavioral Risk Factors Surveillance System (BRFSS) 2010.

Report Area	Total Population (Age 18 )	Number Reporting Poor General Health	Percent Reporting Poor General Health
Report Area	18,511	2,780.18	17%
Cochran County	2,157	no data	no data
Hockley County	16,354	2,780	17%
Texas	16,607,889	3,138,891	18.90%
United States	111,821,887	18,188,242	16.27%



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Centers for Disease Control and Prevention, Behavioral Risk Factor Surveillance System, 2004-2010](#). Source geography: County.

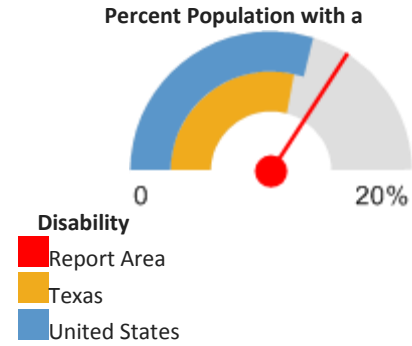


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Population with Any Disability

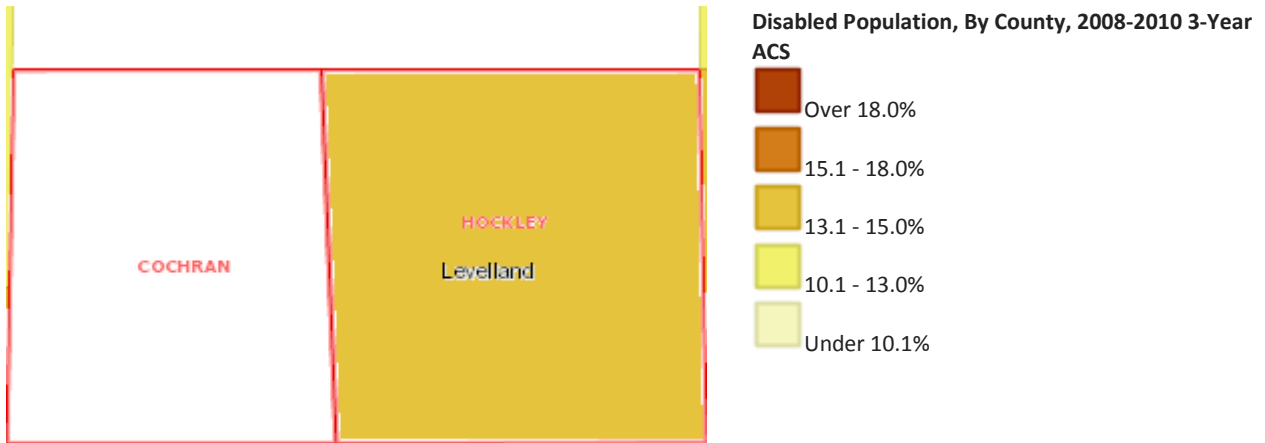
This indicator reports the percentage of the total civilian noninstitutionalized population with a disability. This indicator is relevant because disabled individuals comprise a vulnerable population that requires targeted services and outreach by providers.

Report Area	Population for Whom Disability Status Is Determined	Total Population with a Disability	Percent Population with a Disability
Report Area	22,632	3,094	<b>13.67%</b>
Cochran County	no data	no data	no data
Hockley County	22,632	3,094	<b>13.67%</b>
Texas	24,298,280	2,804,621	11.54%
United States	301,501,760	36,180,124	12%



*Note: This indicator is compared with the state average. No breakout data available.*

*Data Source: [U.S. Census Bureau, 2008-2010 American Community Survey 3-Year Estimates](#). Source geography: Tract.*

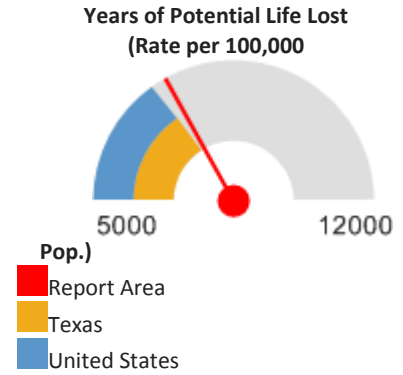


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Premature Death

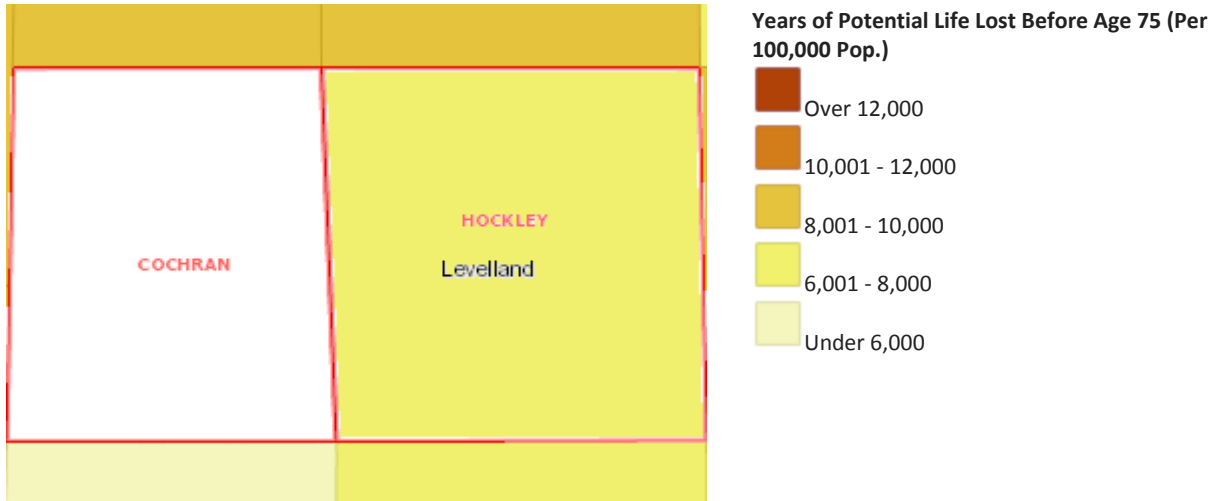
This indicator reports Years of Potential Life Lost (YPLL) before age 75 per 100,000 population for all causes of death, age-adjusted to the 2000 standard. YPLL measures premature death and is calculated by subtracting the age of death from the 75 year benchmark. This indicator is relevant because a measure of premature death can provide a unique and comprehensive look at overall health status.

Report Area	Total Population, 2006-2008 Average	Annual Premature Deaths, 2006-2008 Average	Years of Potential Life Lost (Rate per 100,000 Pop.)
Report Area	24,691	83	<b>7,382</b>
Cochran County	2,993	no data	no data
Hockley County	21,698	83	<b>7,382</b>
Texas	22,759,961	77,895	7,195
United States	283,115,015	1,058,493	7,131



Note: This indicator is compared with the state average. No breakout data available.

Data Source: [Centers for Disease Control and Prevention, National Vital Statistics System, 2008-2010 \(As Reported in the 2012 County Health Rankings\)](#). Source geography: County.

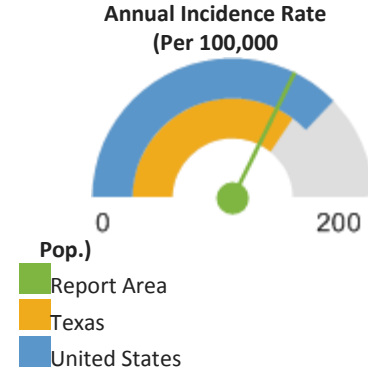


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**Prostate Cancer Incidence**

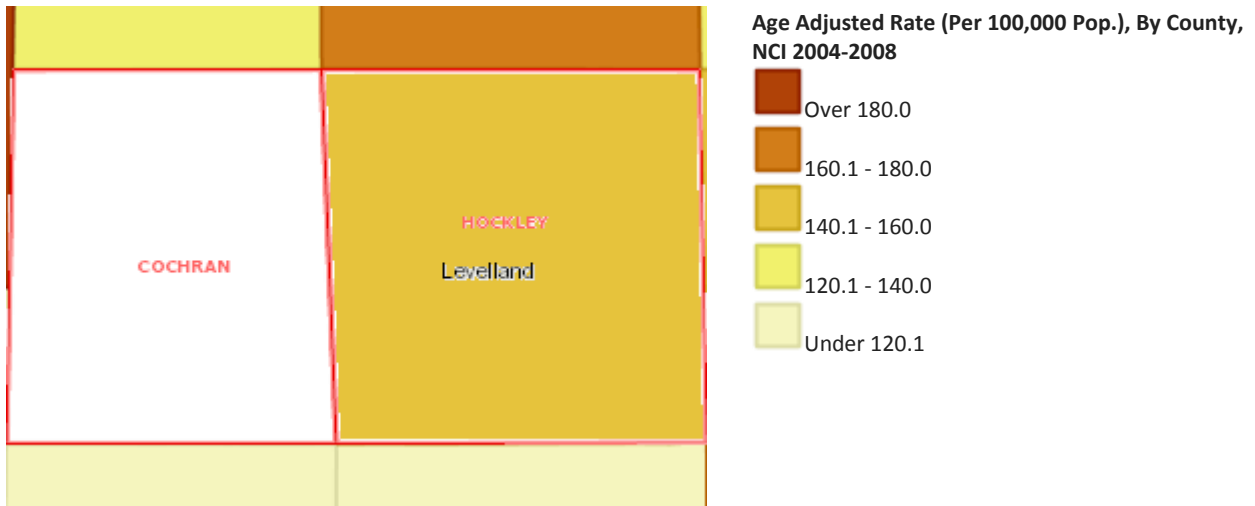
This indicator reports the age adjusted incidence rate (cases per 100,000 population per year) of males with prostate cancer adjusted to 2000 U.S. standard population age groups (Under age 1, 1-4, 5-9, ..., 80-84, 85 and older). This indicator is relevant because cancer is a leading cause of death and it is important to identify cancers separately to better target interventions.

Report Area	Total Population, ACS 2005-2009	Annual Incidence, 2005-2009 Average	Annual Incidence Rate (Per 100,000 Pop.)
Report Area	25,439	33	129.70
Cochran County	3,080	no data	no data
Hockley County	22,359	33	149.50
Texas	23,819,042	33,775	141.80
United States	301,461,536	456,412	151.40



Note: This indicator is compared with the state average.

Data Source: [The Centers for Disease Control and Prevention, and the National Cancer Institute: State Cancer Profiles, 2005-2009](#). Source geography: County.



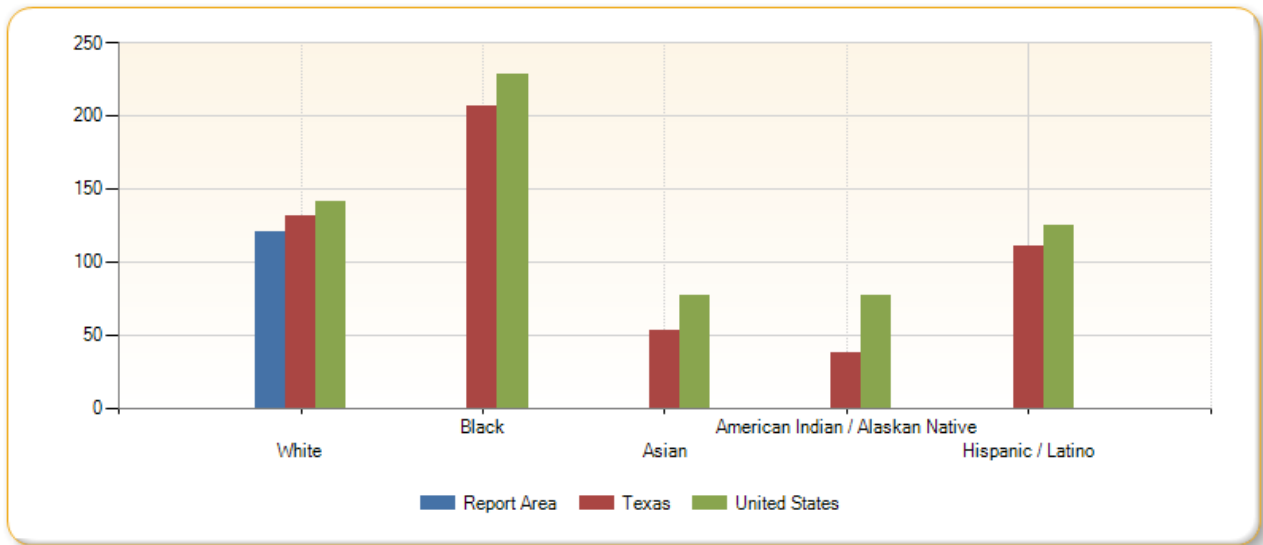
**Population by Race / Ethnicity, New Prostate Cancer Incidence (Count)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	26	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	26	no data	no data	no data	no data
Texas	22,501	5,653	431	44	9,479
United States	316,053	85,187	10,151	1,861	375,018

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**Population by Race / Ethnicity, Prostate Cancer Incidence Rate (Per 100,000)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino
Report Area	120.10	no data	no data	no data	no data
Cochran County	no data	no data	no data	no data	no data
Hockley County	139.80	no data	no data	no data	no data
Texas	131.50	206.40	53.20	37.10	110.80
United States	140.80	228.60	76.90	76.80	124.40

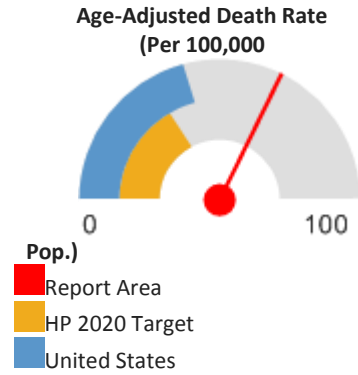




Stroke Mortality

This indicator reports the rate of death due to cerebrovascular disease (stroke) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummared for report areas from county level data, only where data is available. This indicator is relevant because stroke is a leading cause of death in the United States.

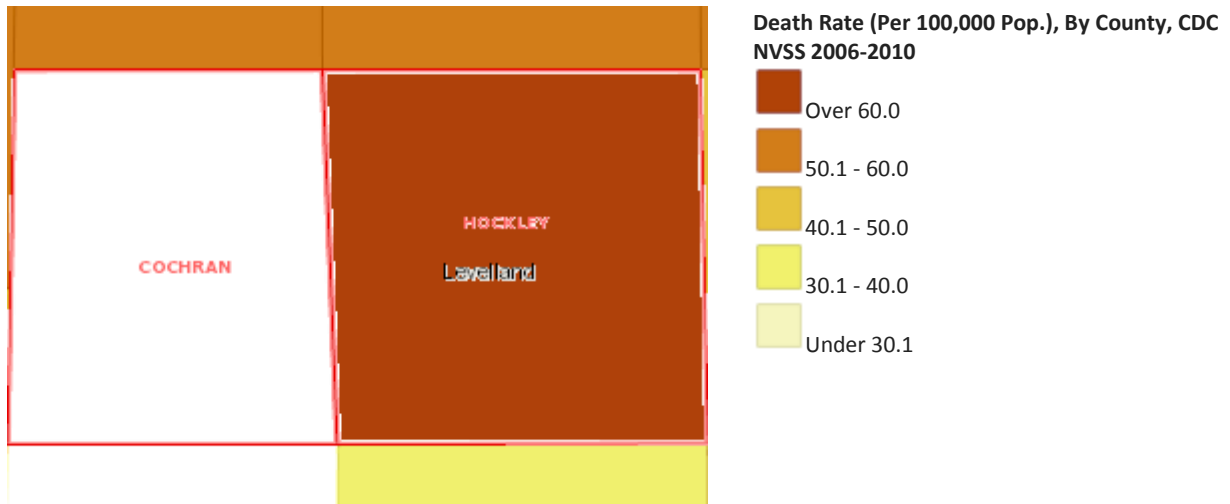
Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	14	59.27	<b>64.65</b>
Cochran County	3,153	no data	no data	no data
Hockley County	22,947	14	59.27	<b>64.65</b>
Texas	24,289,585	9,422	38.79	<b>48.06</b>
United States	303,844,430	133,107	43.81	<b>41.78</b>
<a href="#">HP 2020 Target</a>				<= 33.8



Note: This indicator is compared with the Healthy People 2020 Target.

Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010.](#) Accessed through [CDC WONDER](#).

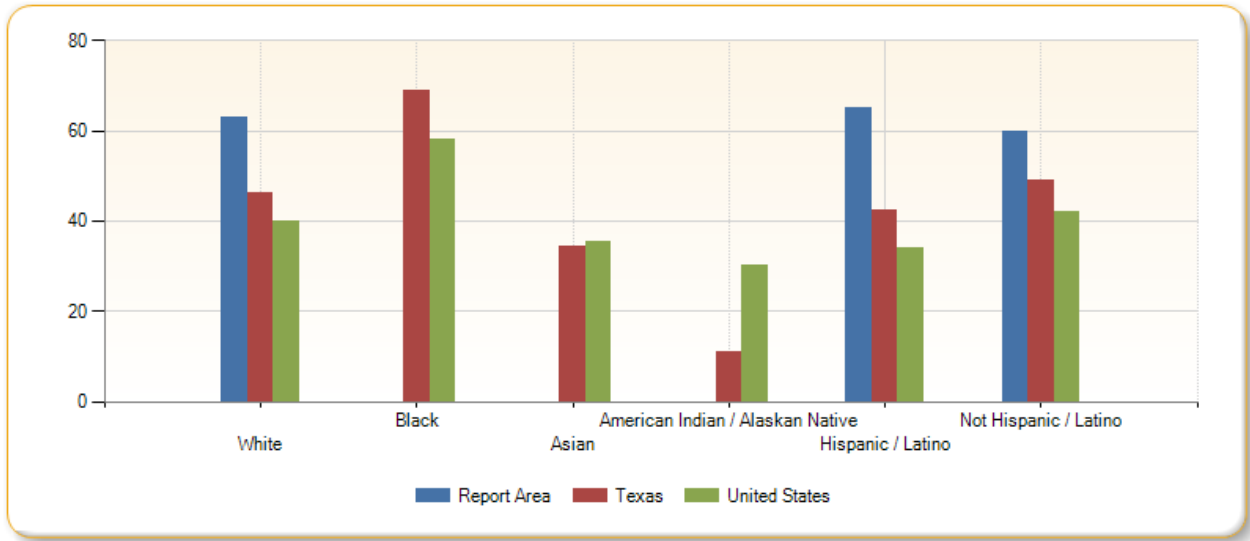
Source geography: County.



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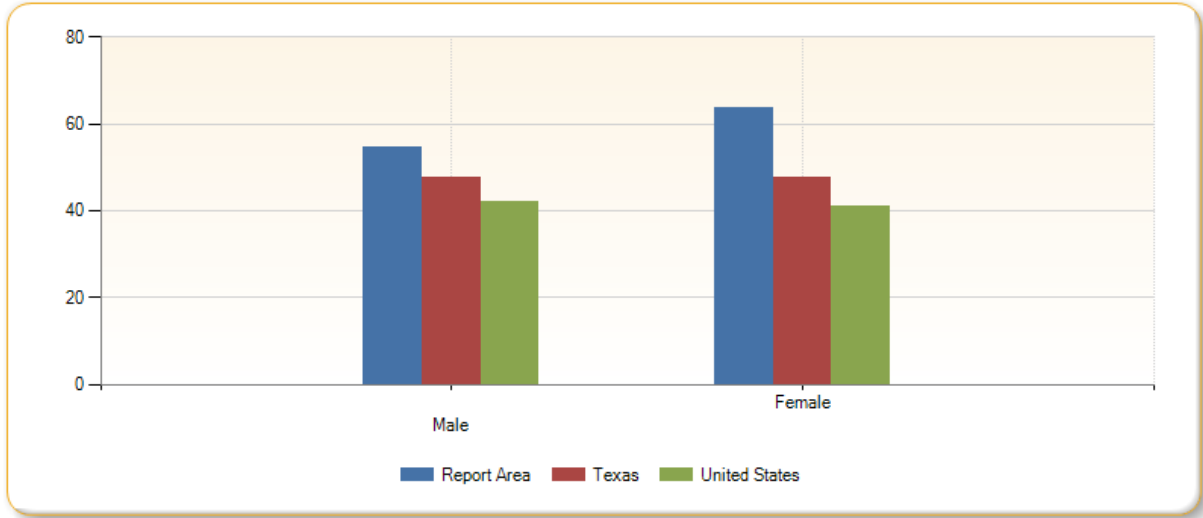
**Population by Race / Ethnicity, Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.)**

Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino	Not Hispanic / Latino
Report Area	62.95	no data	no data	no data	65.26	59.99
Cochran County	no data	no data	no data	no data	no data	no data
Hockley County	62.95	no data	no data	no data	65.26	59.99
Texas	46.30	68.84	34.39	10.97	42.57	48.99
United States	40.10	57.97	35.27	30.36	34.20	42.14



**Population by Gender, Stroke Mortality, Age-Adjusted Rate (Per 100,000 Pop.)**

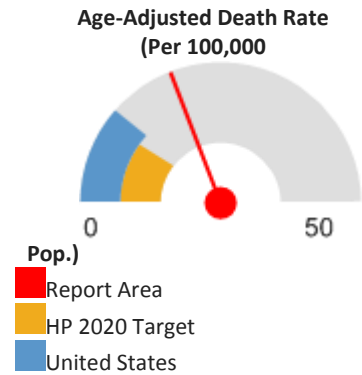
Report Area	Male	Female
Report Area	54.78	63.70
Cochran County	no data	no data
Hockley County	54.78	63.70
Texas	47.68	47.50
United States	41.95	40.96



Suicide

This indicator reports the rate of death due to intentional self-harm (suicide) per 100,000 population. Figures are reported as crude rates, and as rates age-adjusted to year 2000 standard. Rates are resummared for report areas from county level data, only where data is available. This indicator is relevant because suicide is an indicator of poor mental health.

Report Area	Total Population, 2006-2010 Average	Annual Deaths, 2006-2010 Average	Crude Death Rate (Per 100,000 Pop.)	Age-Adjusted Death Rate (Per 100,000 Pop.)
Report Area	26,100	4	17.43	<b>19.10</b>
Cochran County	3,153	no data	no data	no data
Hockley County	22,947	4	17.43	<b>19.10</b>
Texas	24,289,585	2,606	10.73	<b>10.99</b>
United States	303,844,430	35,841	11.80	<b>11.57</b>
<a href="#">HP 2020 Target</a>				<= 10.2

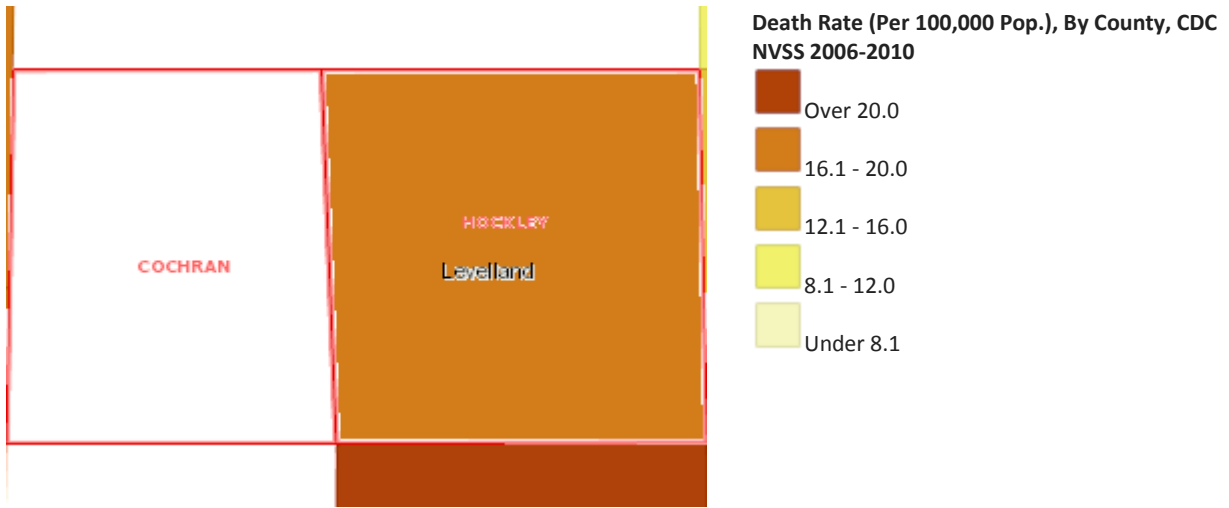


Note: This indicator is compared with the Healthy People 2020 Target.

Data Source: [Centers for Disease Control and Prevention, National Center for Health Statistics, Underlying Cause of Death, 2006-2010...](#) Accessed through [CDC WONDER](#).

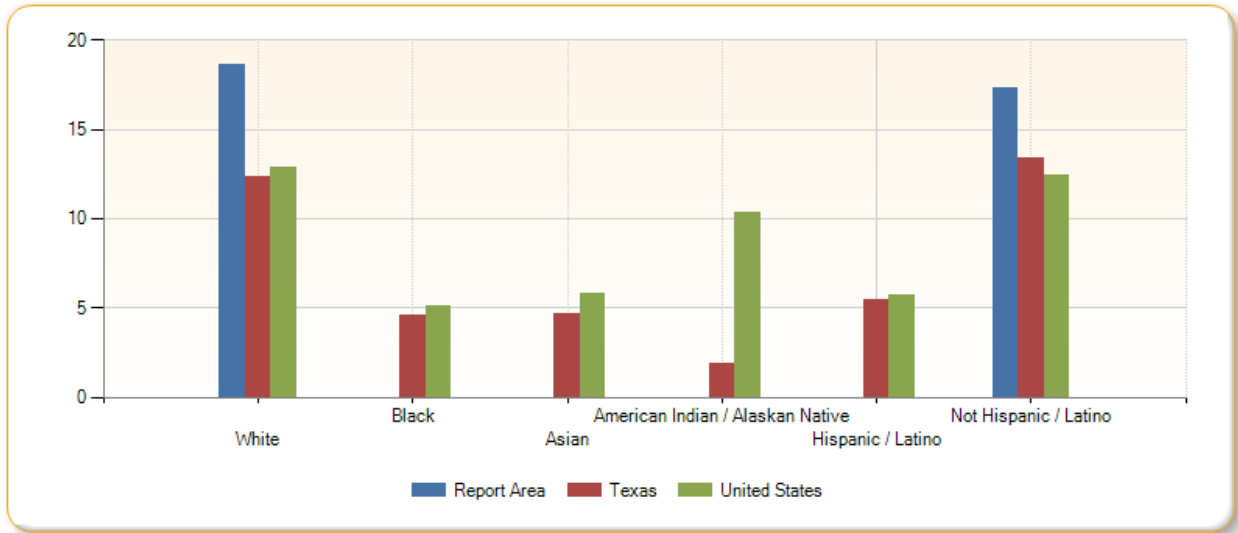
Source geography: County.

**Covenant Hospital Levelland  
Community Health Needs Assessment Report**



**Population by Race / Ethnicity, Suicide, Age-Adjusted Rate (Per 100,000 Pop.)**

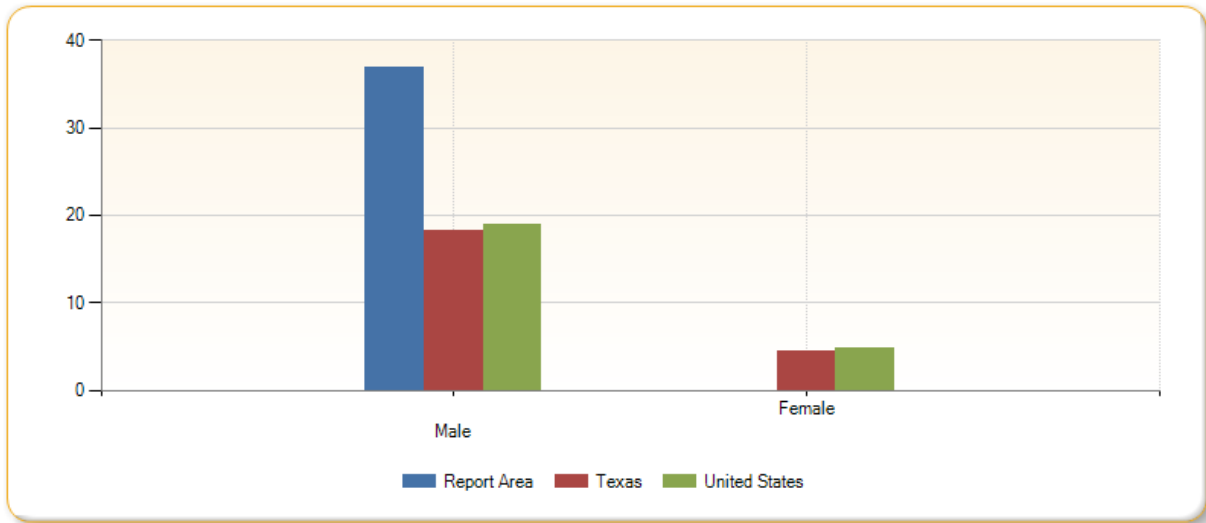
Report Area	White	Black	Asian	American Indian / Alaskan Native	Hispanic / Latino	Not Hispanic / Latino
Report Area	18.61	no data	no data	no data	no data	17.31
Cochran County	no data	no data	no data	no data	no data	no data
Hockley County	18.61	no data	no data	no data	no data	17.31
Texas	12.31	4.62	4.63	1.86	5.49	13.38
United States	12.89	5.11	5.80	10.30	5.71	12.44



**Covenant Hospital Levelland  
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**Population by Gender, Suicide Mortality, Age-Adjusted Rate (Per 100,000 Pop.)**

Report Area	Male	Female
Report Area	36.84	no data
Cochran County	no data	no data
Hockley County	36.84	no data
Texas	18.22	4.37
United States	18.96	4.77





Covenant Health is a member of St. Joseph Health, an integrated Catholic health care delivery system sponsored by the St. Joseph Health Ministry. We provide a full range of care facilities including: acute care hospitals, home health agencies, hospice care, outpatient services, skilled nursing facilities, community clinics and physician organizations throughout California, Texas and New Mexico. Our 24,000 dedicated employees strive daily to provide perfect care while building the healthiest communities and ensuring every encounter is sacred. St. Joseph Health is committed to maintaining a continuum of care that matches the diverse needs of the communities we serve.

For more information about Covenant Hospital Levelland, log onto <http://www.covenanthospitallevelland.org/>

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