



**Shriners Hospitals  
for Children®**  
Love to the rescue.™

## **2015 Community Health Needs Assessment Report**

**Shriners Hospitals for Children® — Galveston, Texas**

Prepared by: Shriners Hospitals for Children — Galveston Assessment Advisory Committee

## Mission and Vision

### Mission

- Provide the highest quality care to children with neuromusculoskeletal conditions, burn injuries and other special healthcare needs within a compassionate, family-centered and collaborative care environment.
- Provide for the education of physicians and other healthcare professionals.
- Conduct research to discover new knowledge that improves the quality of care and quality of life of children and families.<sup>36</sup>

### Vision

- Shriners Hospitals for Children will be the unquestioned leader, nationally and internationally, in caring for children and advancing the field in its specialty areas.
- Shriners Hospitals for Children is committed to providing excellence in compassionate family-centered care and reconstructive care from the acute phase through rehabilitation by teamwork and innovation in research, education and prevention.<sup>36</sup>



## SHC — Galveston Assessment Advisory Committee

David N. Herndon, MD, FACS – Chief of Staff Shriners Hospitals for Children-Galveston and Director of Burn Services, UTMB Blocker Burn Unit

Jong Lee, MD – Attending Surgeon

Ludwik Branski, M.D. – Attending Surgeon

Mary Jaco, MSN, RN, NEA-BC – Hospital Administrator

Angel Martinez, BSN – Director of Patient Care Services

Ushma Lakhani, MBA, CPHQ & Safety Officer – Administrative Director

Michael Serghiou, OTR, MBA - Administrative Director

Michael Schimming – Regional Director of Finance

Debbie Benjamin MSN, Assistant Director of Clinical Research and Medical Staff Administration

Ronald Mlcak, Ph.D., MBA – Administrative Director

Karen McNamara-Bellich, Administrative Assistant



The 2015 Community Health Needs Assessment (CHNA) Report for Shriners Hospitals for Children — Galveston satisfies Section 501(r) which was added to the Internal Revenue Code by the Patient Protection and Affordable Care Act, Public Law 111-148 (124 STAT. 119).<sup>35</sup> This Act was enacted on March 23, 2010, and imposed additional requirements for charitable hospital organizations.<sup>35</sup> This 2015 Community Health Needs Assessment and Implementation Plan were both reviewed and approved per IRS Notice 2011-52, section 3.09, by the SHC — Galveston Board of Governors during their May 23, 2016 meeting.

## Table of Contents

|  |     |
|--|-----|
| Our Commitment to the Community .....  | 5   |
| Process and Methods .....              | 14  |
| Key Findings .....                     | 17  |
| 2015 CHNA Prioritization Process ..... | 20  |
| Action Plans.....                      | 40  |
| Conclusion .....                       | 49  |
| Acknowledgements.....                  | 50  |
| EXHIBITS .....                         | 51  |
| References .....                       | 136 |



**Shriners Hospitals for Children – Home Office**  
 2900 Rocky Point Dr. Tampa, FL  
 33607  
 Tel.: 813-281-0300  
[shrinershospitalsforchildren.org](http://shrinershospitalsforchildren.org)

## Our Commitment to the Community



### INTRODUCTION

Shriners Hospitals for Children–Galveston (SHC — Galveston) is honored to submit this Community Health Needs Assessment (CHNA) to meet the requirements of Internal Revenue Code Section 501 (r). Our comprehensive, integrated CHNA is designed to help SHC — Galveston understand the needs of the community and provide health services (within our scope) that fulfill the immediate and future needs identified within the CHNA. Since we are a pediatric specialty hospital, we are limited by our range of services which include providing medical care for children with burn injuries and other related skin conditions.

According to the National Fire Protection Association (NFPA), in 2014, there were 1,298,000 fires reported in the United States (U.S.). The U.S. has one of the highest fire death rates in the industrialized world. The American Burn Association (ABA) National Burn Repository report (2015) states that 486,000 people with burn injuries receive medical treatment each year with 3,240 deaths from fires each year (> 73% occur in the home), and 40,000 victims of burn injury are admitted to hospitals each year. One civilian fire death occurs every 2 hours and 42 minutes. In 2015, 60% of these victims were admitted to hospitals with designated burn centers. This percentage is increasing each year, as there is a greater recognition that this specialized patient population requires expert, dedicated care. The vast majority of burns seen at burn centers were considered accidental, with only 12.7% of these related to work. Each year fire kills more Americans than all natural disasters combined. States in the Southeast accounted for 10 of the 14 states with the highest rates of fire-related deaths (our U.S. catchment area).<sup>1, 33</sup>

## About Shriners Hospitals for Children — Galveston

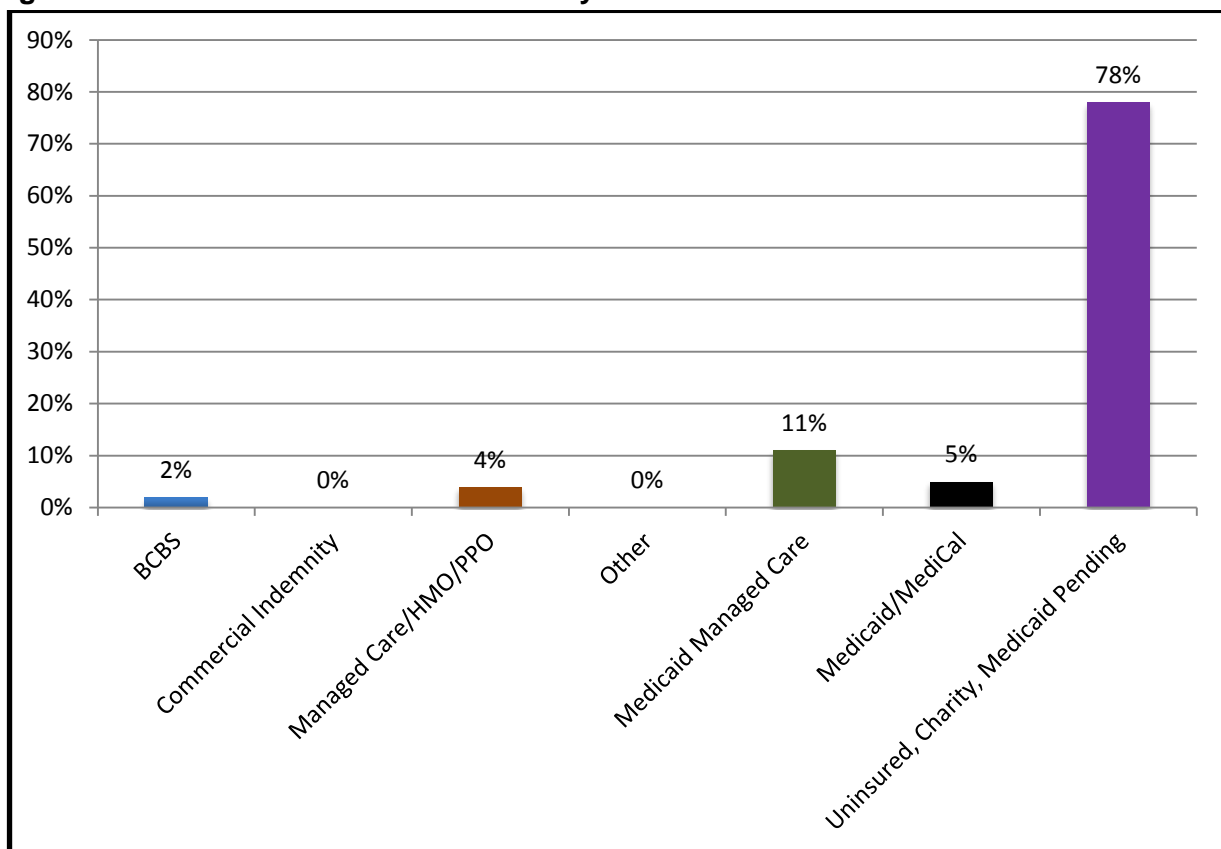
Shriners Hospitals for Children is a health care system of 22 hospitals and ambulatory care centers dedicated to improving the lives of children by providing pediatric specialty care, innovative research, and outstanding teaching programs for medical professionals. Children up to age 18 with orthopedic conditions, burns, spinal cord injuries, and cleft lip and palate are eligible for care and receive all services in a family-centered environment.

Shriners Hospitals for Children — Galveston, Texas (SHC — Galveston) is a licensed pediatric burn hospital. SHC — Galveston is the only ABA verified pediatric burn center in Texas. The hospital has an Intensive Care Unit, ambulatory outpatient day surgery program, outpatient clinic (hospital based and outreach), as well as a telemedicine program. In addition to comprehensive burn care, other specialized services offered by SHC — Galveston include treatment for Cleft Lip and Palate, Congenital Ear Deformity, Congenital Hairy Nevus, Congenital Hand Deformities, Gynecomastia, Hidradenitis Suppurativa, Inhalation Injuries, Necrotizing Fasciitis, Port Wine Stains, Purpura Fulminans, Stevens-Johnson Syndrome, and Epidermolysis Bullosa. However, treating patients with acute burn injuries and providing reconstructive surgery is our primary service line.

SHC — Galveston has been a pioneer in burn care since it first started treating burn survivors in the 1960's. Some of the most significant advancements in burn care include fluid resuscitation, nutritional/metabolic support, treatment of inhalation injuries, and total early excision, which were first researched and implemented at SHC — Galveston. The hospital is accredited by the Joint Commission, the American Burn Association, and holds a Certification as a Burn and Critical Care Fellowship Program from the American College of Graduate Medical Education. Additionally, SHC — Galveston has also published the leading comprehensive reference book for the management of burn injury.

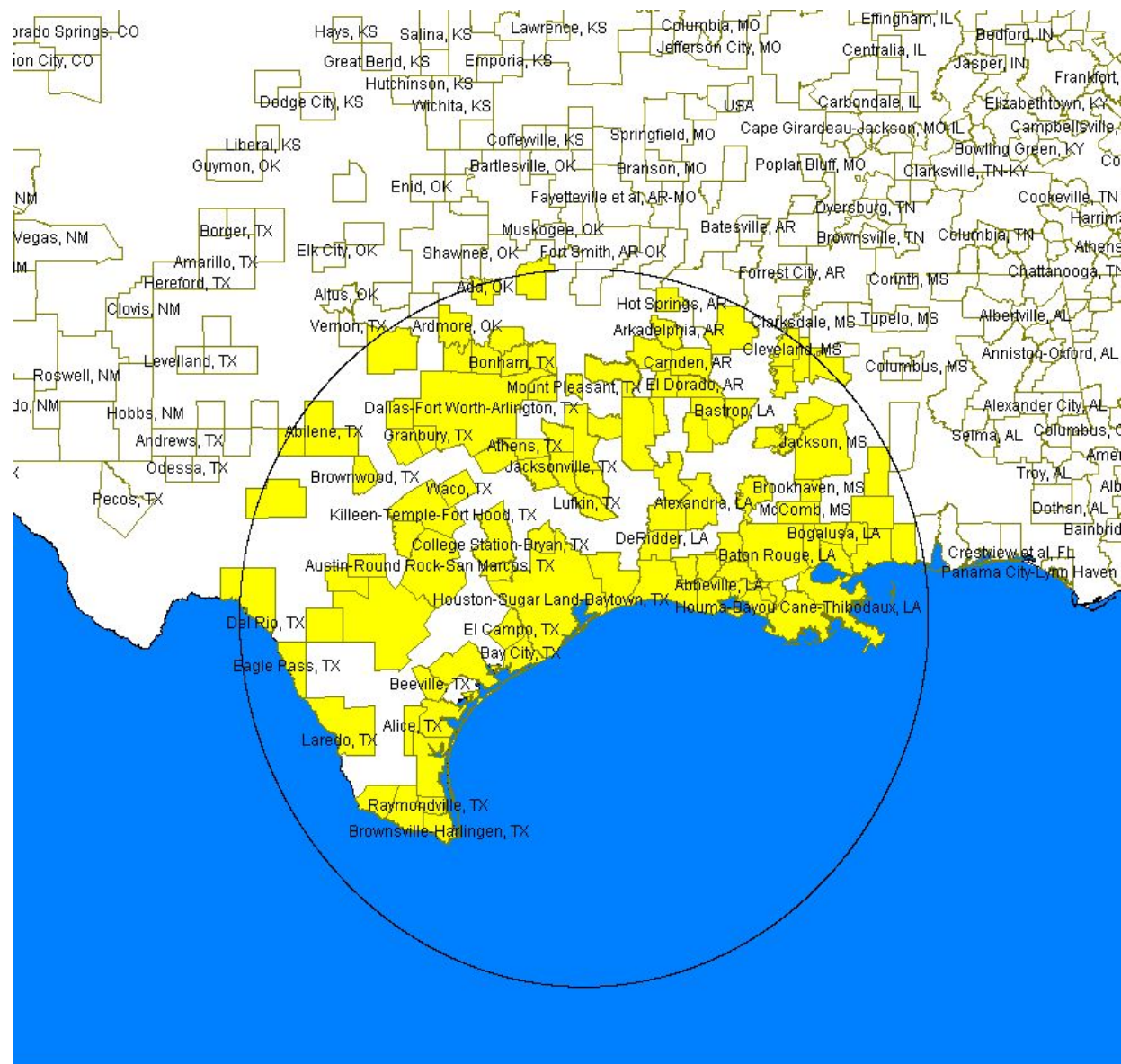
SHC-Galveston's 2015 entire payer mix is as follows: 78% Uninsured (includes Charity and Medicaid Pending), 11% Medicaid Managed Care, 5% Medicaid/MediCal, 2% BC/BS, 4% Managed Care/HMO/PPO, 0% Commercial/Indemnity and 0% Other/NA. Our high uninsured rate includes international patients from whom we are unable to collect insurance at this time.(Figure 1) According to the Community Commons database, the U.S. pediatric uninsured rate is 7.5%, and the Texas pediatric uninsured rate is 13.1%, however, the Galveston Region pediatric uninsured rate is 12.3%.<sup>2</sup>



**Figure 1. SHC — Galveston Insurance Payer Mix - 2015**

Data Source: MedeAnalytics (2015)

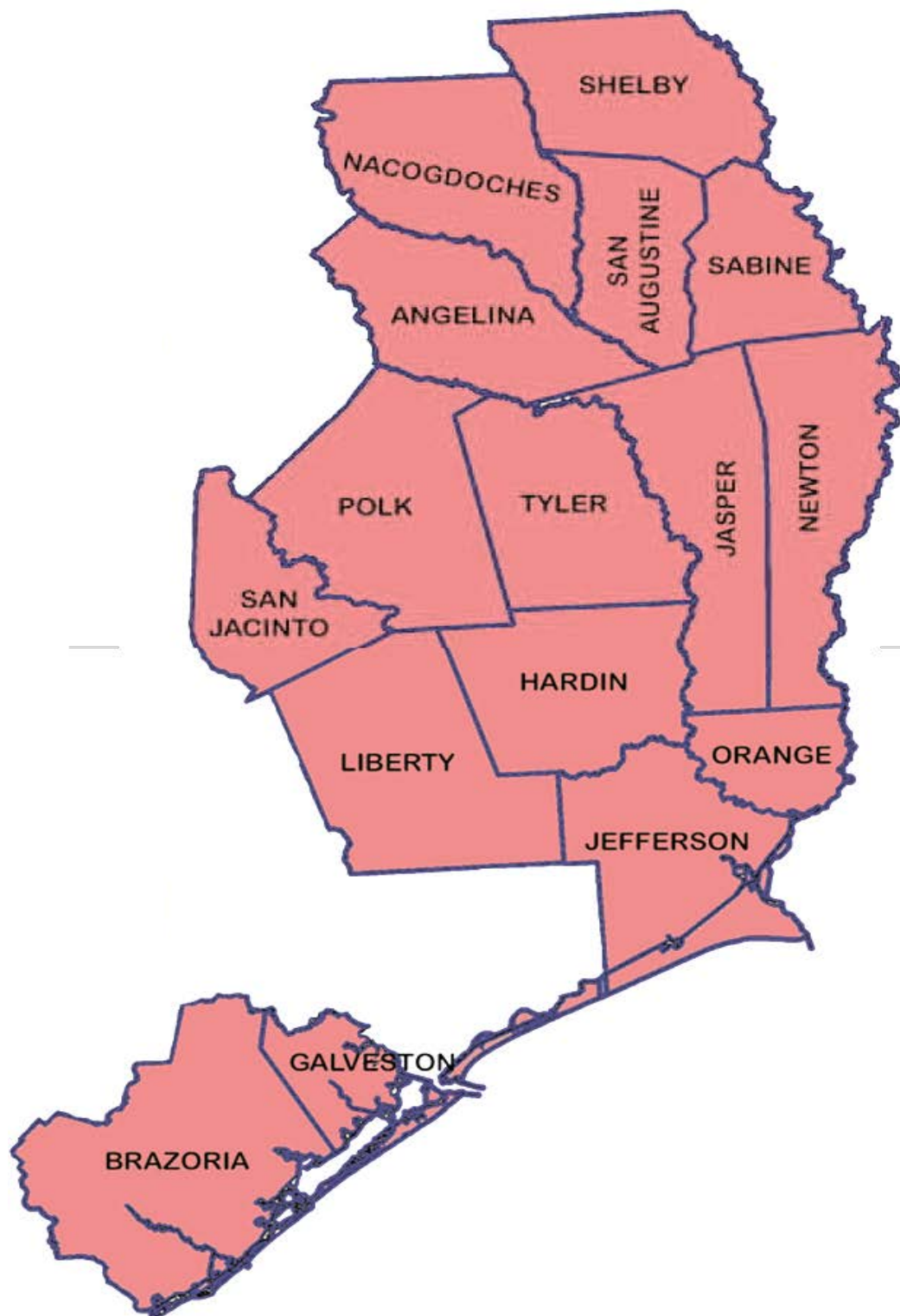
SHC — Galveston is a referral hospital and 80% of our U.S. Core Based Statistical Market Area includes patients from Texas, as well as from the South Eastern United States ([Map 1](#)). Our secondary catchment area includes patients from throughout the U.S., Mexico, Central America and other foreign countries. Since our U.S. catchment area is so vast, we have elected to concentrate our CHNA on 16 counties surrounding SHC — Galveston that we will refer to as our “Region”. ([Map 2](#)) By focusing on this Region, we feel confident that the CHNA will reveal relevant information that will act as a magnifying glass through which to better understand the community health needs. Based on the results of the 2015 CHNA, SHC — Galveston plans to integrate systems of care to ensure that patients within our community receive the right care, at the right time, and in the right setting, while providing necessary services identified by our secondary data findings and feedback gathered from our CHNA.

**Map 1. SHC — Galveston 80% U.S. Core Based Statistical Market Area**

Data Source: Mede/Analytics (2015)



**Map 2. SHC — Galveston’s CHNA Targeted “Region 16 Counties”**



Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) (2015)

## Overview of SHC — Galveston’s “Region”

The defined Region for SHC — Galveston is comprised of 16 surrounding counties covering almost 13,000 square miles and is home to approximately 1.46 million individuals.<sup>2,16</sup> The Region includes both metropolitan and rural areas and has some of the most rapidly expanding neighborhoods and communities throughout the State of Texas.

Demographically, the age of the Region varies considerably from both Texas and the United States (U.S.). The percent of the population in the Region within the 0-17 age group (23.8%) is less than Texas (27%) and equal to the U.S. (23.7%). In the greater than 65 age group, the age of the Region is higher (16.1%) than both Texas (10.7%) and the U.S. (13.4%). Additionally, the ethnicity of the Region varies considerably from both Texas and the U.S. The ethnic composition of the Region is approximately 79.8% Caucasian, 15.0% Black, 1.3% Asian, and 4.0% fall into “other” categories. It is noted that 12.7% of the population is reported as being Hispanic of any descent. This demographic varies from both Texas (74.4% Caucasian, 11.8% Black, 3.9% Asian, and 9.8% other, with 38.6% reported as being Hispanic of any descent), and the U.S. (74.0% Caucasian, 12.6% Black, 4.9% Asian, and 8.5% other, with 17.4% reported as being Hispanic of any descent).<sup>2</sup>

The Region’s economy is similar to that of Texas and includes a mixture of oil, natural gas, fuel processing/manufacturing, biomedical research, health care, agriculture, and tourism. Natural resources range from sandy beaches along the Gulf Coast, large intercostal waterways and dense forest in East Texas. The Region is home to two of the biggest petrochemical complexes in the nation (Texas City and the Golden Triangle — Beaumont/Port Arthur/Orange) and also one of the world’s largest chemical manufacturing complexes in the world (Brazoria County). Additionally, the Region is home to some of the most productive agricultural areas in the State with poultry, cattle, and timber industries helping fuel the economies throughout East Texas.<sup>30</sup>

The Region is home to major waterways that support four shipping ports including the Port of Galveston, Port of Texas City, Port of Beaumont and Port of Bay City. The ports support industry, military, tourism, commercial shrimping and recreational boating. Large employers in the Region include Dow Chemical, Valero, Marathon Oil, Eastman Chemicals, University of Texas Medical Branch, Schlumberger Technology Corp and Chevron-Phillips. Additionally, the Region supports

hundreds of small public and private businesses. State, federal and local governments are also a significant employer throughout the Region.<sup>30</sup>

Regarding Socioeconomic Indicators, the median household income of the Region is lower (\$44,044) than both Texas (\$51,900) and the U.S. (\$52,250). The unemployment rate is higher in the Region (8.5%) than both Texas (6.3%) and the U.S. (6.6%). The percentage of people living at or below the poverty level in the Region (18.9%) is greater than both Texas (17.6%) and the U.S. (15.4%). As far as insurance coverage, approximately 53.1% of the Region's population has Private Insurance, which is higher than Texas (51%) and lower than the U.S. (67.3%) rates. Twenty-one percent (21%) of the Region's total population is uninsured. The Region's total population uninsured rate is lower in percentage than that of Texas (22.8%) but higher than the U.S. (14.9%) rate. Sixteen percent (16%) of the population is Medicare eligible, which is greater than the rate in Texas (10.7%) and higher than the United States (13.0%). Additionally, 23.9% of the population is on Medicaid, which is slightly higher on average than that of Texas (21.9%) and the U.S. (20.2%).<sup>2,5,16,21,31</sup>

The healthcare infrastructure for the Region has some limitations. The number of primary care physicians (per 100,000 people) in the Region is lower (44.3%) than both Texas (70.6%) and the U.S. (74.5%). Greater than 93% of the counties in the Region are designated as Health Professional Shortage Areas (HPSAs) in Primary Care and Specialty Care. In addition to shortages in Primary Care/Specialty Care, there are workforce shortages in Mental Health Providers, Mid-Level Providers, and Dental Health Providers. Furthermore, there are a total of 23 federally designated Medically Underserved Areas (MUAs), 5 Medically Underserved Populations, 15 HPSA's in primary care, 12 HPSA's in Dental Care, and 14 HPSAs in Mental Health.<sup>19,23,24,25,27,28,29</sup>

The Region contains one academic health center, three safety net hospitals, one pediatric burn specialty hospital, five Federally Qualified Health Centers (FQHCs), eight hospital districts, seven public health districts, 20 rural health clinics, 25 community clinics, four community centers (MHMRs), and 16 county indigent care programs.<sup>2,3</sup> There are limitations in access to services and health care as well as regional variations in clinical practice and outcomes. Additionally, the Region has some of the highest healthcare costs in the nation.

Furthermore, mortality rates from accidents, cancer, stroke, chronic lower respiratory diseases, and diseases of the heart are higher in the Region than in both Texas and the U.S.

As the only pediatric burn hospital in the Southeast Texas region, and throughout Texas, SHC — Galveston seeks to examine how we can utilize the information provided by the CHNA to best serve our community now and in the future. Our Mission allows us to provide medical care for children with specialty needs regardless of insurance coverage or the ability to pay.



## The Goals of this CHNA are:

- To provide a baseline measure for critical health and socio-economic indicators.
- To offer a platform for collaboration among community groups that include hospitals, emergency rooms, physicians, health care workers, public health departments, Texas EMS for Children Advisory Council, Governor's EMS and Trauma Pediatric Advisory Council, emergency medical technicians (first responders), and health educators as appropriate.
- To identify needed community health services that fall within our scope of practice and limits of specialization.
- To act as a resource for individuals, agencies and institutions looking to identify community health needs and priorities.
- To establish benchmarks and monitor trends in the health status of SHC – Galveston's Region residents.
- Improve the quality of health care through data collection, analysis and reporting.
- To assist with community benefits requirements as outlined in the Patient Protection and Affordable Care Act.

The information provided in SHC — Galveston's 2015 CHNA provides the necessary foundation upon which community health services and interventions can be targeted, developed and implemented with the ultimate goal of improving the health of our community and its residents.





## Process and Methods

As mentioned earlier, SHC — Galveston is a referral hospital and based on information provided by TRUVEN Health Analytics, 80% of our primary U.S. catchment area includes patients from Texas as well as from the Southeastern United States. Our secondary catchment area includes patients from throughout the U.S., Mexico, Central America and other foreign countries.<sup>34</sup> Since our U.S. catchment area is so vast, we have elected to concentrate our CHNA on the 16 counties surrounding SHC — Galveston that we will refer to as our “Region”. By focusing on this Region, we felt confident that the CHNA would reveal relevant information that will act as a magnifying glass through which to better understand the community health needs.

SHC — Galveston has determined that a current and comprehensive community health needs assessment is essential to the development and understanding of the Region’s needs. Under the direction of Shriners Hospitals for Children (SHC) Headquarters, the Community Health Needs Assessment Workgroup began monthly conference calls in 2015 with all the SHC hospitals to supply guidance, market- based analysis data, and support in the completion of the CHNA project. Much thought and effort was put forth into creating a process that would document useful information to health care organizations, community-based health, and social service organizations, as well as the community. The CHNA served as an important starting point for SHC — Galveston and facilitated the understanding of everyday health and social needs relevant to our community and our patient population.

A CHNA Assessment Advisory Committee consisting of members of the active medical staff, administration, administrative directors, assistant director of clinical research/medical staff management, director of patient care services, and the administrative director of performance improvement, was tasked with design and completion of the CHNA. The Advisory Committee provided input, designed and approved the surveys, reviewed the primary and secondary findings, prioritized results from the CHNA, developed action plans, and shaped the final version of this report.

Since SHC — Galveston is a referral hospital and does not have an emergency room; we felt it necessary to involve the EMS community and referring pediatricians in a collaborative partnership approach to better understand the needs of our community.

SHC — Galveston took a multidimensional approach including utilization of primary data from surveys, community input from Galveston County EMS officials, input from the Texas EMS for Children Advisory Committee, and secondary data from publically available sources. The primary data includes two community health needs surveys - one sent to Pediatricians in the Region and the other sent to EMS Agencies in the Region. The survey sent to the pediatricians identifies their practice patterns, referral areas, types of patient insurance, and services they would like SHC — Galveston to offer. The survey sent to the EMS agencies identifies transfer patterns for burn patients, if the agencies utilized protocols, and if they follow the ABA pre-hospital management guidelines. Responses from the surveys were analyzed and reported as percentages. Additionally, primary information regarding EMS protocols was solicited by personal communication from the Texas EMS for Children Advisory Council and the Galveston County Health District EMS program director.

Secondary data includes 16 individual quantitative and qualitative community health needs summary assessment reports (county profiles) gathered at the individual county level. The profiles were collected from publically available websites including Community Commons, the Texas Hospital Association, the Texas Medical Board, the National Fire Protection Association and the American Burn Association. The county profiles illustrate the general health of individuals and communities. Data regarding health care delivery systems, health resources, and information regarding socio-economic, cultural and environmental effects on community health are also presented.

Texas and U.S. benchmarks were also obtained where possible. This information was then collected, reviewed and analyzed for accuracy, and merged into a single document. The data was then analyzed for the entire Region and compared to Texas and U.S. benchmarks, paying particular attention to limitations in resources and the relationship of demographic and risk factors to key health challenges for the Region.

The primary survey data were presented as numbers and percentages. The secondary data were presented as numbers, percentages, and rates per 100,000 population.

The completed CHNA, including individual county profiles, surveys, identified community needs and action plans will be made available to all counties, providers, and the public by way of Shriners Hospitals for Children intranet website. This report utilizes the data and health

information collected for the Region, serves as the foundation for creating our Key Findings, and guided SHC — Galveston in identifying and prioritizing our Community Health Needs and Action Plans. The extensive community health needs assessment (CHNA) project was completed, reviewed and analyzed to better understand the current state of health and health services at the regional, county and local levels. Based on the information contained in the CHNA, SHC — Galveston believes it is important to frame our efforts on providing identified needed services that fit within our mission and scope of services. Therefore, community health needs were prioritized, and action plans were developed to address the identified needs which included goals, objectives, timelines, and evaluation plan for monitoring.



## Key Findings

### Primary Data

Primary data includes two surveys soliciting information concerning community health needs within the SHC-Galveston's Region. Even though the response rate from the surveys were low, we believe the results portrayed the needs and concerns of the respondents within the Region.

The first survey was mailed to 154 Pediatricians in the Region (Exhibit 1). The completed response rate from the pediatricians was 20%. Exhibit 2 shows the results of the survey sent to the pediatricians revealing information regarding referral patterns to specialists, difficulties or delays in obtaining services, insurance status, SHC-Galveston's reputation, general concerns about pediatric health in Texas, and services they would like SHC — Galveston to offer. In regards to which specialty care services the pediatricians most often refer their patients to other providers, the responses reveal the following referral patterns: 75% to otolaryngologist, 71% to gastroenterologist, 71% to pediatric surgeons, 71% to orthopedic surgeons, 66% to endocrinologists, and 63% to dermatologists. In regards to difficulties or delays getting specialty services because of waiting lists, backlogs, services unavailable or other problems getting appointments, the responses reveal the following issues with specialists: 46% with gastroenterologist, 33% with physiatrist, 25% with neurologist, and 16% with dermatologist. 83% of the respondents often see children who are uninsured. 67% of the respondents indicate the primary reason they refer patients to SHC — Galveston is the excellent reputation. 79% of the respondents refer patients for acute burn injuries, 50% for burn contracture releases, 13% for delayed wound healing, and 25% for Stevens-Johnson Syndrome. The most significant reasons the pediatricians felt that their patients do not receive all the services they need is mainly due to: lack of insurance 50%, health plan problems 46%, and transportation issues 54%.

In regards to what concerns the pediatricians most about pediatric health in Texas, the respondents state: unhealthy eating/lifestyle habits 54%, lack of specialists 41%, no insurance 33%, and cost 13%. Exhibit 2, #11 summarizes the pediatrician's responses with regard to which services they would like SHC — Galveston to offer that are not within our scope of services. Respondents stated: pediatric obesity care 58%, pediatric craniofacial surgery 29%, pediatric diabetic care 20%, and general pediatric surgery 20%.

Exhibit 3 includes a summary of all SHC — Galveston Region Community Health Needs (CHN) as identified through primary data collected by surveys from pediatricians. The main community health needs identified include lack of insurance, lack of specialist and unhealthy eating /lifestyle habits. The data is presented as percentages.

The second survey was electronically e-mailed to 37 EMS Agencies within the Region (Exhibit 4). Seven out of the 37 EMS agency surveys were completed and returned (7/37 or 19%).

Results of the survey sent to EMS Agencies in the Region reveal information regarding transfer patterns of burn patients, insurance status, SHC-Galveston's reputation, use of protocols, the particular use of ABA pre-hospital management and transfer guidelines, and use of Advanced Burn Life Support Fluid Resuscitation Guidelines.

In regards to the agencies transfer patterns, 86% of the respondents transferred burn patients within the past 12 months. All in all, 71% relocated pediatric burn patients within the last year, and 29% transferred pediatric burn patients to SHC-Galveston. The most important reasons the agencies transferred patients to SHC — Galveston are 43% excellent reputation and 29% charity care policy. 43% of the EMS agencies responded that they transfer children who are uninsured sometimes; 57% very often, 0% never. In regards to use of protocols, 100% utilized protocols, 71% utilize the Advanced Burn Life Support (ABLS) guidelines for stabilization and transport of burn patients, 29% did not. Seventy-one percent (71%) utilized the ABLS fluid resuscitation guidelines for pre-hospital management, 29% did not (Exhibit 5 shows the EMS survey results).

Exhibit 6 includes a summary of all SHC — Galveston Region Community Health Needs (CHN) as identified through primary data collected by surveys from EMS Agencies within the Region. The main community health needs identified from EMS surveys includes lack of insurance and issues with EMS protocols usage not following the American Burn Association guidelines. The data is presented as percentages.

Additionally, essential information regarding the use of EMS protocols was solicited by personal communication from the Texas EMS for Children Advisory Council and the Galveston County Health District EMS program director. The general consensus was that the EMS Agencies utilize protocols approved by their local medical directors and that the protocols do not always follow ABA guidelines. However, the Galveston County Health District EMS Program adopted the ABA guidelines in 2015.



**Secondary Data**

Exhibit 7 depicts a listing of the categories of information used as secondary data. Secondary data includes an SHC – Galveston's Region health needs assessment summary report (see SHC — G Region Profile, Exhibit 8, Pgs. 78-79), and 16 individual county quantitative community health needs assessment summary reports (see individual County Profiles, Exhibit 8, Pgs. 80-111). The profiles were collected from publically available websites including Community Commons, the Texas Hospital Association, the Texas Medical Board, the National Fire Protection Association, and the American Burn Association. The individual profiles illustrate the general health of individuals and communities. Data regarding health care delivery systems, health resources, and information regarding socio-economic, cultural and environmental effects on community health are also presented.

SHC — Galveston's Region covers an area of approximately 13,000 square miles covering 16 counties. The estimated population for 2015 is 1.46 million. The population density ranges from 15.4 to 767.7 individuals per square mile, indicating a diverse combination of both metropolitan and rural areas. The region average population density is 136.7 individuals per square mile. Population density fluctuates across the Region, as does the forecasted population growth.<sup>2</sup>

Incarceration (Exhibit 9) has a significant financial impact on the region's population. The average daily population of local jails is approximately 695. There are a number of State and Federal prisons in the Region, including a Federal prison unit in Jefferson County with an average census of 1,460. State prison units in Angelina, Brazoria, Galveston, Jasper, Jefferson, Liberty, Polk and Tyler counties house an estimated 3,164 prisoners.<sup>13</sup>

Exhibits 10-17 include summary data for all the health needs that were identified through analyzing the secondary data collected from numerous sources. This includes SHC – Galveston's Region county data, health professional shortages areas, mental health resources, the number of primary/specialty care physicians, emergency room visits, under 18 years of age population without health insurance and hospital discharges for the under 18 years of age population. The main health needs portrayed in the secondary data sets were lack of insurance, specialty care physician shortages, mid-level provider shortages, and high mortality rates from accidents.

## 2015 CHNA Prioritization Process

Primary and secondary data identified multiple Community Health Needs (CHN). SHC — Galveston utilized a prioritization grid to help identify which CHN's should be addressed. For the prioritization grid to be utilized, the following definitions were used:

- Organization Capacity – hospital can address the issue.
- Infrastructure – hospital has programs, systems, staff and support resources in place to address the issue.
- Partners – the hospital has established community partners (relationships) to address the issue.
- Investment – existing resources are committed to the issue.
- Focus Area – the hospital has acknowledged competencies and expertise to address the issue and the issue fits into the scope of service.
- High/Low Priority – how the hospital rates the findings.

Tables 1-3 demonstrate the prioritization results used to identify key community health needs as shown in Table 4a. Table 4b identifies the four prioritized community health needs that will provide the greatest impact for our Community and Region.



Table 1 utilized the prioritization grid to qualify CHN's as determined by the primary data collected from the survey of Pediatricians within the Region.

**Table 1**

| Health Need   | Organizational Capacity | Infrastructure | Partners  | Investment | Focus Area | High or Low Priority |
|---|-------------------------|----------------|-----------|------------|------------|----------------------|
|   | Yes or No               | Yes or No      | Yes or No | Yes or No  | Yes or No  | High or Low          |
| <i>Access Barriers:</i><br>Pediatricians Referral to Specialist   | No                      | No             | No        | No         | No         | Low                  |
| <i>Access Barriers to Specialist:</i> patient experiencing delays, backlogs, waiting lists, services unavailable.   | No                      | No             | No        | No         | No         | Low                  |
| <i>Access Barriers:</i> Lack of Insurance   | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| <i>Referral Patterns:</i><br>67% of pediatricians refer patients to Shriners due to "Excellent Reputation"; 33% only place service available.                               | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| <i>Referral Patterns - Referral to Shriners:</i><br>79% for acute burn injuries.  | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| <i>Referral Patterns – Referral to Shriners for Reconstructive Needs:</i><br>50% for burn scar release; 29% for revision of hypertrophic scars and facial burn deformities. | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| <i>Referral Patterns – Referral to Shriners for Management of Complicated Wounds:</i><br>13% delayed would healing; 79% not applicable.                                     | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| <i>Referral Patterns – Referral to Shriners for Soft Tissue Conditions:</i><br>25% Stevens-Johnson Syndrome; 16% TEN; 16% Epidermolysis Bullosa                             | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |

|  |     |     |     |     |     |      |
|--|-----|-----|-----|-----|-----|------|
| <i>Access Barriers – Patients Not Getting Services They Need:</i><br>54% transportation issues; <u>46% health plan problems</u> ; 50% no insurance.                          | Yes | Yes | Yes | Yes | Yes | High |
| <i>Major Concerns About Pediatric Health in Texas:</i> 54% unhealthy eating/lifestyle habits; <u>33% no insurance</u> .  | Yes | Yes | Yes | Yes | Yes | High |
| <i>Pediatric Services You Would Like to See Shriners Offer:</i><br>58% pediatric obesity care; 29% pediatric craniofacial surgery; 20% diabetic care; 20% pediatric surgery. | No  | No  | No  | No  | No  | Low  |
| <i>What Counties Does Your Practice Include:</i><br>67% Galveston; 46% Brazoria; 13% Jasper; 4% Polk   | Yes | Yes | Yes | Yes | Yes | High |

Table 2 utilized the prioritization grid to quality CHN's as determined by the primary data collected from the survey of EMS Agencies within the Region.

**Table 2**

| Health Need   | Organizational Capacity | Infrastructure | Partners  | Investment | Focus Area | High or Low Priority |
|---|-------------------------|----------------|-----------|------------|------------|----------------------|
|   | Yes or No               | Yes or No      | Yes or No | Yes or No  | Yes or No  | High or Low          |
| <i>Access Barriers – Transfer Burn Patients:</i><br>86% of EMS agencies transferred burn patients within the past 12 months.                                  | No                      | No             | No        | No         | No         | Low                  |
| <i>Access Barriers – Transfer Pediatric Burn Patients:</i><br>71% of EMS agencies transferred pediatric burn patients within the past 12 months; 29% did not. | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| <i>Access Barriers – Transfer Burn Patients to Shriners:</i><br>57% of EMS agencies have never transferred patients to Shriners.                              | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| <i>Access Barriers – Transferred Patients to Shriners Because of Reputation:</i><br>71% of EMS agencies transferred patients to Shriners due to reputation.   | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| <i>Access Barriers – Lack of Insurance:</i><br>100% of EMS agencies state they transfer patients without insurance “very often or sometimes.”                 | No                      | No             | No        | No         | No         | Low                  |
| <i>Use of Protocols:</i><br>100% of EMS agencies utilize protocols for transfer of burn patients.   | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |



|   |     |     |     |     |     |      |
|---|-----|-----|-----|-----|-----|------|
| <i>Use of Protocols:</i><br>71% of EMS agencies utilize ABLS Protocols for Stabilization and Transport; 29% do not.   | Yes | Yes | Yes | Yes | Yes | High |
| <i>Use of Protocols:</i><br>71% of EMS agencies utilize ABLS Protocols for Pre-hospital Fluid Management; 28% do not. | Yes | Yes | Yes | Yes | Yes | High |

Table 3 utilized the prioritization grid to qualify CHN's as determined by the secondary data collected from numerous sources.

**Table 3**

| Health Need   | Organizational Capacity | Infrastructure | Partners  | Investment | Focus Area | High or Low Priority |
|---|-------------------------|----------------|-----------|------------|------------|----------------------|
|   | Yes or No               | Yes or No      | Yes or No | Yes or No  | Yes or No  | High or Low          |
| Access Barriers: Lack of Personal Resources           | No                      | No             | No        | No         | No         | Low                  |
| Access Barriers: Lack of Insurance                    | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| Primary Care Physician Shortage                       | No                      | No             | No        | No         | No         | Low                  |
| Specialty Care Physician Shortage                     | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| Mental/Behavioral Health Provider Shortage            | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| Mid-Level Provider Shortage                           | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| High Emergency Dept. Utilization Rates                | No                      | No             | Yes       | Yes        | Yes        | Low                  |
| Chronic Disease: Obesity                              | No                      | No             | No        | No         | No         | Low                  |
| Chronic Disease: Heart & Vascular Disease & Disorders | No                      | No             | No        | No         | No         | Low                  |
| Chronic Disease: Pulmonary                            | No                      | No             | No        | No         | No         | Low                  |
| Communicable Diseases (Morbidity)                     | No                      | No             | No        | No         | No         | Low                  |
| Sexually Transmitted Diseases (Morbidity)             | No                      | No             | No        | No         | No         | Low                  |
| Accidents (Mortality)                                 | Yes                     | Yes            | Yes       | Yes        | Yes        | High                 |
| Mental/Behavioral Health Related Morbidity            | No                      | No             | No        | No         | No         | Low                  |
| Cancer Incidence (ALL)                                | No                      | No             | No        | No         | No         | Low                  |
| Cancer Mortality (ALL)                                | No                      | No             | No        | No         | No         | Low                  |

Table 4a is the Summary of Identified Community Health Needs (CHN).

**Table 4a**

| <b>CHN Number</b> | <b>CHN</b>  | <b>Region</b>           | <b>Texas</b>            | <b>U.S.</b>             |
|-------------------|---|-------------------------|-------------------------|-------------------------|
| <b>CHN.1</b>      | <b>Access Barriers: Lack of Personal Resources</b> <ul style="list-style-type: none"> <li>- Median Household Income</li> <li>- Unemployment Rate</li> <li>- Living at or Below Federal Poverty Level</li> </ul>           | \$44,044<br>8.5<br>18.9 | \$51,900<br>6.3<br>17.6 | \$52,250<br>6.6<br>15.4 |
| <b>CHN.2</b>      | <b>Access Barriers: Lack of Insurance</b> <ul style="list-style-type: none"> <li>- Uninsured Under Age 18</li> <li>- Uninsured Under Age 65</li> </ul>  | 13.0<br>28.3            | 13.1<br>30.4            | 7.5<br>20.6             |
| <b>CHN.3</b>      | <b>Primary Care Physician Shortage</b> <ul style="list-style-type: none"> <li>- Physicians per 100,000</li> <li>- Number of Primary Care HPSAs</li> <li>- Population with No Consistent Source of Primary Care</li> </ul> | 44.3<br>11<br>27.4      | 70.6<br>156<br>32.4     | 74.5<br>3,427<br>22.1   |
| <b>CHN.4</b>      | <b>Specialty Care Physician Shortage</b> <ul style="list-style-type: none"> <li>- Physicians per 100,000</li> </ul>   | 37.5                    | -                       | -                       |
| <b>CHN.5</b>      | <b>Mental/Behavioral Health Provider Shortage</b> <ul style="list-style-type: none"> <li>- Number of Mental Health HPSAs</li> <li>- Rate of Licensed Psychologists per 100,000</li> </ul>                                 | 7<br>10.1               | 120<br>27.2             | 3,060<br>-              |
| <b>CHN.6</b>      | <b>Mid-Level Provider Shortage</b> <ul style="list-style-type: none"> <li>- Nurse Practitioners per 100,000</li> <li>- Physician Assistants per 100,000</li> <li>- EMT/Paramedic Organizations</li> </ul>                 | 31.2<br>11.3<br>55      | 44.8<br>25.5<br>587     | -<br>-<br>-             |
| <b>CHN.7</b>      | <b>High Emergency Department Utilization Rates</b> <ul style="list-style-type: none"> <li>- % of 100,000 Population</li> </ul>  | 45.3                    | 32.9                    | 44.5                    |
| <b>CHN.8</b>      | <b>Chronic Disease: Diabetes</b> <ul style="list-style-type: none"> <li>- Diabetes Prevalence per 100,000</li> <li>- Diabetes Mortality Rate per 100,000</li> </ul>   | 9.9<br>20.5             | 9.2<br>21.6             | 9.1<br>23.9             |
| <b>CHN.9</b>      | <b>Chronic Disease: Obesity</b> <ul style="list-style-type: none"> <li>- Obesity Prevalence per 100,000</li> <li>- Physical Inactivity per 100,000</li> </ul>   | 32.2<br>28.1            | 29.0<br>24.0            | 25.0<br>22.6            |

| CHN Number    | CHN  | Region                     | Texas                       | U.S.                      |
|---------------|--|----------------------------|-----------------------------|---------------------------|
| <b>CHN.10</b> | <b>Chronic Disease: Heart &amp; Vascular Diseases and Disorders</b><br><ul style="list-style-type: none"> <li>- Heart Disease Morbidity per 100,000</li> <li>- Hypertension Morbidity per 100,000</li> </ul>               | 4.8<br>32.0                | 4.0<br>30.0                 | 4.4<br>28.2               |
| <b>CHN.11</b> | <b>Chronic Disease: Pulmonary</b><br><ul style="list-style-type: none"> <li>- Asthma/Respiratory Morbidity per 100,000</li> </ul>  | 15.9                       | 11.6                        | 13.4                      |
| <b>CHN.12</b> | <b>Communicable Diseases – Morbidity</b><br><ul style="list-style-type: none"> <li>- AIDS/HIV per 100,000</li> <li>- Tuberculosis per 100,000</li> <li>- Pertussis per 100,000</li> <li>- Varicella per 100,000</li> </ul> | 149.7<br>1.5<br>2.8<br>3.7 | 318.6<br>4.6<br>15.1<br>6.0 | 340.4<br>2.9<br>15.5<br>- |
| <b>CHN.13</b> | <b>Sexually Transmitted Diseases - Morbidity</b><br><ul style="list-style-type: none"> <li>- Syphilis per 100,000</li> <li>- Gonorrhea per 100,000</li> <li>- Chlamydia per 100,000</li> </ul>                             | 8.0<br>93.8<br>356.8       | 5.6<br>125.2<br>473.1       | 5.5<br>107.5<br>454.1     |
| <b>CHN.14</b> | <b>Accident Relation Mortality</b><br><ul style="list-style-type: none"> <li>- Accidents per 100,000</li> <li>- Intentional Self Harm per 100,000</li> </ul>   | 48.4<br>10.6               | 36.8<br>11.7                | 38.6<br>12.3              |
| <b>CHN.15</b> | <b>Mental/Behavioral Health Related Morbidity</b><br><ul style="list-style-type: none"> <li>- Excessive Alcohol Use per 100,000</li> <li>- Adult Smoking per 100,000</li> </ul>  | 12.2<br>22.8               | 15.8<br>16.5                | 16.9<br>18.1              |
| <b>CHN.16</b> | <b>Cancer Incidence – Morbidity (ALL)</b><br><ul style="list-style-type: none"> <li>- Incidence of all Cancers per 100,000</li> </ul>  | 449.1                      | 417.8                       | 453.3                     |
| <b>CHN.17</b> | <b>Cancer – Mortality (ALL)</b><br><ul style="list-style-type: none"> <li>- Deaths for All Cancers per 100,000</li> </ul>  | 178.8                      | 161.8                       | 168.9                     |

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts.org](http://www.texashealthfacts.org). Accessed 2015

## Prioritized Community Health Needs

Table 4b - Based on the information contained in this report, SHC — Galveston determined it was important to frame our priorities on four identified community health needs that will provide the greatest impact for our Community/Region and fit within our scope of services provided and available resources.

**Table 4b**

| CHN Number | Health Needs Identified   |
|------------|---|
| 1          | <u>Access Barriers – Lack of Insurance</u><br>Increase awareness that SCH-Galveston accepts patients without insurance.   |
| 2          | <u>Specialist Barriers – Health Care Provider Shortages</u><br>Continuing training and education for specialty care physicians, PA's and mental health providers                          |
| 3          | <u>Knowledge Barriers</u><br>Increase education/awareness to EMS agencies on ABLS pre-hospital management and transport guidelines and ABLS pre-hospital fluid administration guidelines. |
| 4          | <u>Educational Barriers</u><br>Increase burn education to Emergency Departments to decrease mortality rate due to accidents.  |

Since SHC – Galveston is a pediatric hospital specializing in acute and reconstructive burn care, the following CHN were not able to be addressed: Lack of personal resources, high emergency room utilization rates, chronic diseases, communicable diseases, sexually transmitted diseases, mental/behavioral related morbidity and cancer. These CHN needs fall outside of our narrow scope of services offered and our available financial and human resources.



The following table compares the 2015 Rates/Numbers of the identified CHN's to the findings of the 2012 CHN assessment. SHC – Galveston is striving to reduce these Rates/Numbers, and we believe our action plans will have a positive impact on achieving this goal over the next 3 years.

**Table 5:** Comparison of SHC – G Identified CHN Rates/Numbers for 2012 and 2015

**Table 5**

| CHN Number | Identified Community Health Needs          | Rates/Numbers 2012   | Rates/Numbers 2015  |
|------------|--|--|---|
| CHN.1      | Access Barrier: Lack of Insurance          | Under 19: 13.2 – 20.7%<br>Under 65: 21.2 – 29.9%           | Under 19: 10.1 – 17.8%<br>Under 65: 18.7 – 35.8%  |
| CHN.2      | Specialty Care Physician Shortage          | Physicians per 100,000:<br>0.0 – 139.1                     | Physicians per 100,000:<br>0.0 – 138.1  |
| CHN.3      | Mental/Behavioral Health Provider Shortage | Lack of Licensed Psychologist per 100,000:<br>8.2          | Psychologists/Mental Health Providers per 100,000:<br>0.0 – 32.1 (rate 10.1)                |
| CHN.4      | Mid-Level Provider Shortage                | Provider Rate per 100,000:<br>73.4<br>(NP and PA included) | Nurse Practitioners per 100,000: 3.4 – 82.1<br>Physician Assistants per 100,000: 0.0 – 32.3 |
| CHN.5      | High Mortality Rate from Accident          | Rate per 100,000:<br>32.2 – 45.4                           | Rate per 100,000:<br>39.1 – 61.3  |

### **SUMMARY – SHC-Galveston’s Region**

The ethnicity for the Region ([Table 6](#)) varies considerably from both Texas and the U.S. The ethnic composition of the Region is predominantly Caucasian (79.8%). Likewise, the Caucasian population is higher within our identified Region, than both Texas and the U.S. The racial makeup of the Region includes more African Americans, but fewer Asians and other ethnic groups, than Texas overall. The Region, however, reports 12.7% of the population is Hispanic of any descent\*, which is lower than the Texas average, but higher than the U.S. average.<sup>2</sup> Ethnic variations in cultural norms, language comprehension, and beliefs about health may influence the mode of health care delivery and how patients respond to medical care services. This ethnic variation creates a requirement for increased awareness, sensitivity, and compassion among health care workers and service providers.

**Table 6: Ethnicity**

| <b>Ethnicity</b>   | <b>Region</b> | <b>Texas</b> | <b>U.S.</b> |
|--|---------------|--------------|-------------|
| Caucasian  | 79.8          | 74.4         | 74.0        |
| Black  | 15.0          | 11.8         | 12.6        |
| Asian  | 1.3           | 3.9          | 4.9         |
| Other<br>(Native American/Hawaiian,<br>Alaska Native, Pacific<br>Islander, Multiple Races) | 4.0           | 9.8          | 8.5         |
| *Hispanic ( <i>of any descent</i> )  | 12.7          | 38.6         | 17.4        |

Data Source: <http://www.communitycommons.org/>. Accessed 2015

The total population of the SHC — Galveston Region is approximately 1.46 million individuals. In the 0-17 year age range, the Region is younger than the Texas average and similar to the U.S. average ([Table 7](#)). In the 18-44 year age range, the Region is younger than the Texas and U.S. averages. In the 45-64 age range, the Region is older than the Texas and U.S. averages. Additionally, in the >65 year age range, the Region is older than the Texas and U.S. averages.<sup>2</sup>

**Table 7: Age Distribution**

| Age Distribution (Years) | Region Average | Texas Average | U.S. Average |
|--------------------------|----------------|---------------|--------------|
| 0 – 17                   | 23.8           | 27.0          | 23.7         |
| 18 – 44                  | 32.9           | 38.4          | 36.5         |
| 45 – 64                  | 27.2           | 24.0          | 26.4         |
| 65+                      | 16.1           | 10.7          | 13.4         |

Data Source: <http://www.communitycommons.org/>. Accessed 2015

In terms of socio-economic indicators ([Table 8](#)), the Region faces large inequalities in the unemployment rate compared to Texas and the U.S. overall. The unemployment rate for the Region's counties ranges from 6.1% to 12.8%, with one of the 16 counties having a rate lower than the Texas average of 6.3%. The percentage of individuals who are not proficient in English is lower than the Texas average, and lower than the U.S. average. The percentage of those who did not complete high school for the Region's counties ranges from 12.9% to 24.9%, and eight counties were lower than the Texas average of 18.8% but similar to the U.S. average. In addition to the inequality in employment, median household income levels are lower and a greater percentage of the population is living below the federal poverty level. Thirteen of the 16 counties have a median household income less than the State average and 12 of the 16 counties have a greater proportion of the population living below the federal poverty line. Furthermore, 27.4% of the Regions counties reported no consistent source of primary care, while nine of those counties had percentages lower than the Texas average rate of 32.4%.<sup>2,12\</sup>

**Table 8: Other Demographics**

| <b>Other Demographic Characteristics</b> | <b>Region Average</b> | <b>Texas Average</b> | <b>U.S. Average</b> | <b>Number Below Texas Average</b> |
|--|-----------------------|----------------------|---------------------|-----------------------------------|
| Unemployment Rate (%)                    | 8.5                   | 6.3                  | 6.6                 | 15                                |
| ESL Not Proficient in English (%)        | 4.4                   | 14.2                 | 8.6                 | 0                                 |
| Did Not Complete High School             | 18.6                  | 18.8                 | 14.0                | 8                                 |
| Median Household Income (\$)             | 44,004                | 51,900               | 52,250              | 13                                |
| No Consistent Source of Primary Care (%) | 27.4                  | 32.4                 | 22.1                | 4                                 |
| Living Below Poverty Level (%)           | 18.9                  | 17.6                 | 15.4                | 12                                |

Data Source: <http://www.communitycommons.org/>. and, [www.texashealthfacts](http://www.texashealthfacts.com) accessed 2015

Insurance coverage estimates vary significantly across the counties (Table 9). 20.7% of the Region's total population is uninsured, which is a lower rate than Texas (22.8%) and greater than the U.S. (14.9%). In the Region, the uninsured rate ranges from 17.0% to 26.4%, and nine of the counties have rates worse than the Texas rate. For children and adolescents ages 0-19, the Region's uninsured rate of 13.0% is almost twice that of the U.S. rate of 7.5%. Medicaid enrollment for the Region's population was 23.9%, which is higher than both the Texas and U.S. rates.<sup>2,5,16,21</sup>

Throughout the Region, enrollment in the CHIP Program has decreased, with all 16 counties experiencing decreased enrollment in the CHIP Program.<sup>10</sup>

**Table 9: Insurance**

|                     | Region | Texas   | U.S. |
|---------------------|--------|---------|------|
| Uninsured Age 0-18  | 13.0   | 13.1    | 7.5  |
| Uninsured Age 19-64 | 28.3   | 30.4    | 20.6 |
| CHIP Enrollment     | 21,064 | 495,187 | -    |
| Medicaid            | 23.9   | 21.9    | 20.0 |

Data Source: <http://www.communitycommons.org/>. and [www.texashealthfacts](http://www.texashealthfacts.org/) accessed 2015

Based on the quantitative and qualitative community health assessments, the current health care resources and infrastructure of the Region are inadequate. The Region is dominated by Medically Underserved Areas, both in primary care and mental health and in health professional shortage areas ([Table 10](#)).

**Table 10: Health Care Resources**

|                                    | Region | Texas | U.S.  |
|------------------------------------|--------|-------|-------|
| Federally Qualified Health Centers | 16     | 344   | 6,011 |
| Facilities Designated as HPSA      | 30     | 400   | 8,810 |
| Population Living in HPSA          | 35.3   | 24.3  | 34.1  |

Data Source: <http://www.communitycommons.org/>. Accessed 2015

Data obtained from the county and regional profiles demonstrate that the current complement of providers in primary care and/or specialty care services do not adequately serve the community health care needs. There is an especially acute shortage of mental/behavioral health resources, specialty care, and mid-level providers.<sup>23,24,25,27,28,29</sup>

Within the Region, there are only two Level 1 Trauma Centers, three Safety-Net Hospitals, and one pediatric burn hospital to serve a Region that is susceptible to natural disaster, industrial accidents, infectious disease, and potential terrorism. There are five Federally Qualified Health Centers located in the Region and approximately 25 community health clinics. Additionally, there are seven public health districts.<sup>2,3</sup> Care for the indigent population is the responsibility of

16 different county programs. Eligibility for the programs and benefits covered by the programs varies from county to county.

**Community Health Challenges/Behavior Characteristics:** Most communities in the Region face similar health related challenges (Table 11). Common unhealthy behavior characteristics throughout the Region include physical inactivity, excessive drinking and smoking. All 16 counties report a significant proportion of the Region is physically inactive. The rates of physical inactivity (25.2% to 31.8%) for all counties in the Region were higher than the Texas (24.0%) and U.S. (22.6%) averages. The Region also has high rates of smokers ranging from 14.2% to 30.5% of the population, most being greater than the Texas (16.5%) and U.S. (18.1%) rates. With such high rates of physical inactivity and smoking, it is not surprising that the majority of the Region's counties reported more physically unhealthy days (2.7 – 5.5 days) on average than both the Texas average (3.7 days) and the U.S. average (2.5 days). Substance abuse is high throughout the Region. For Texas as a whole, alcohol is the most common drug of abuse. Excessive drinking within the Region ranges from 9.9% to 13.9%.<sup>2, 17</sup>

**Table 11: Behavior Characteristics**

|                         | Region Average | Texas Average | U.S. Average | Number Below Texas Average |
|-------------------------|----------------|---------------|--------------|----------------------------|
| Physical Inactivity (%) | 28.1           | 24.0          | 22.6         | 0                          |
| Excessive Drinking (%)  | 12.2           | 15.8          | 16.9         | 4                          |
| Smokers (%)             | 22.8           | 16.5          | 18.1         | 1                          |

Data Source: <http://www.communitycommons.org/>. Accessed 2015

Communicable disease morbidity in the Region is high. Sexually transmitted infections (STI's) are an area of concern for the Region (Table 12), with several counties among the worst in Texas for rates of Syphilis, AIDS, Gonorrhea, and Chlamydia. The high rates of STI's in the Region are multifactorial including the high unemployment rate, presence of beaches, junior colleges, universities and the corresponding number of young adults, all which may contribute to high rates of STI's in these counties.<sup>2,17,18</sup>

**Table 12: Communicable Disease Morbidity  
(Rates per 100,000)**

|                     | Region Average | Texas Average | U.S. Average | Number Below Texas Average |
|---------------------|----------------|---------------|--------------|----------------------------|
| AIDS Incidence Rate | 149.7          | 318.6         | 340.0        | 14                         |
| Pertussis Rate      | 2.8            | 15.1          | 15.5         | 16                         |
| TB Rate             | 1.5            | 4.6           | 2.9          | 15                         |
| Varicella Rate      | 3.7            | 6.0           | -            | 12                         |
| Chlamydia Rate      | 356.8          | 473.1         | 454.1        | 13                         |
| Gonorrhea Rate      | 93.8           | 125.2         | 107.5        | 12                         |
| Syphilis Rate       | 8.0            | 5.6           | 5.5          | 8                          |

Data Source: <http://www.communitycommons.org/>. and [www.texashealthfacts.org](http://www.texashealthfacts.org/) accessed 2015

Environmental factors show that the Region is somewhat limited in providing resources necessary for a healthy lifestyle ([Table 13](#)). The average proportion of the population who have restricted access to healthy foods ranges from 1.9% to 44.3% for the Region counties, and the access of residents of six counties was even smaller than the Texas average of 30.4%. Furthermore, access to recreational facilities in the Region (0 – 12.8) was worse than both Texas (7.7) overall and the U.S. (9.7), with 12 of the 16 counties having recreational facilities rates lower than the Texas average.<sup>2</sup>

**Table 13: Environmental  
(Rates per 100,000)**

|                                     | Region Average | Texas Average | U.S. Average | Number Below Texas Average |
|-------------------------------------|----------------|---------------|--------------|----------------------------|
| Limited Access to Healthy Foods (%) | 25.1           | 30.4          | 23.6         | 6                          |
| Recreational Facilities Rate        | 4.3            | 7.7           | 9.7          | 12                         |

Data Source: <http://www.communitycommons.org/>

Regarding morbidity rates per 100,000 people, the Region fares worse than the Texas and U.S. averages. Morbidity from chronic diseases, such as diabetes mellitus and obesity, are key health challenges for the Region ([Table 14](#)). Eleven (11) counties have a higher rate of diabetes mellitus



than Texas overall (9.2%), with rates ranging from 8.6% to 11.4%. The top risk factors associated with diabetes prevalence are high blood pressure, high blood cholesterol levels, and obesity. Type 2 diabetes is associated with the additional risk factors of overweight, family history of diabetes, previous diabetes during pregnancy, if baby's weight was more than nine pounds at birth, high or low blood sugar, impaired glucose tolerance, minimal or no physical activity, age 45 or older, and being of African American, Hispanic, or other non-white race/ethnicity (American Indian, Asian American, Pacific Islander). Fourteen (14) counties of the Region have higher obesity rates than Texas overall (29.0%), with rates ranging from 29.0% to 36.7%. Additionally, eight counties reported more physically unhealthy days than the Texas average (3.7), with the range from 2.7 to 5.5 days.<sup>2,9,17</sup>

**Table 14: Morbidity  
(Rates per 100,000)**

|   | <b>Region<br/>Average</b> | <b>Texas<br/>Average</b> | <b>U.S.<br/>Average</b> | <b>Number<br/>Below Texas<br/>Average</b> |
|---|---------------------------|--------------------------|-------------------------|---|
| Diabetes (%)                                | 9.9                       | 9.2                      | 9.1                     | 3   |
| Obesity (%)                                 | 32.2                      | 29.0                     | 25.0                    | 0   |
| Asthma/Resp Disease (%)                     | 15.9                      | 11.6                     | 13.4                    | 6   |
| Hypertension                                | 32.0                      | 30.0                     | 28.2                    | 5   |
| Heart Disease (%)                           | 4.8                       | 4.0                      | 4.4                     | 7   |
| Disability (%)                              | 18.1                      | 11.5                     | 12.1                    | 1   |
| Poor Physical Health Days<br>(#)            | 4.2                       | 3.7                      | 2.5                     | 3   |
| Poor Mental Health Days<br>(#)              | 3.8                       | 3.3                      | 2.3                     | 2   |
| Inadequate Social/<br>Emotional Support (%) | 21.9                      | 23.1                     | 20.7                    | 5   |

Data Source: <http://www.communitycommons.org/>. and [www.texashealthfacts.org](http://www.texashealthfacts.org/). Accessed 2015

Cancer is another significant health issue for the Region (Table 15). For incidence rates of all cancers, 11 of the 16 Region counties have cancer incidence rates higher than the State rate (417.8%). For the Region counties, the cancer incidence average is greater than the State rate

for cervix, colon, oral, prostate, respiratory/lung, and melanoma cancers. For the Region counties, the cancer incidence average is lower than the State rate for brain, breast, digestive, endocrine, leukemia, lymphoma and urinary/renal cancers.<sup>2,14,15,16,17</sup>

**Table 15: Cancer Incident Rates  
(Rates per 100,000)**

|                         | Region Average | Texas Average | U.S. Average | Number Below Texas Average |
|-------------------------|----------------|---------------|--------------|----------------------------|
| All Cancer              | 449.1          | 417.8         | 453.3        | 5                          |
| Brain Cancer            | 3.8            | 6.5           | 6.6          | 8                          |
| Breast Cancer           | 98.1           | 113.7         | 122.7        | 13                         |
| Cervix Cancer           | 12.2           | 9.4           | 7.8          | 2                          |
| Digestive Cancer        | 4.7            | 6.8           | 6.6          | 11                         |
| Colon Cancer            | 46.8           | 41.4          | 43.3         | 3                          |
| Endocrine Cancer        | 6.2            | 11.9          | 13.6         | 13                         |
| Leukemia                | 10.2           | 13.3          | 13.2         | 8                          |
| Lymphoma                | 16.7           | 18.3          | 19.2         | 8                          |
| Oral Cancer             | 10.8           | 10.6          | 11.3         | 4                          |
| Prostate Cancer         | 150.0          | 126.9         | 142.3        | 7                          |
| Respiratory/Lung Cancer | 75.3           | 59.7          | 64.9         | 0                          |
| Melanoma                | 14.7           | 12.9          | 19.9         | 3                          |
| Urinary Cancer          | 15.4           | 18.1          | 16.0         | 9                          |

Data Source: <http://www.communitycommons.org/> accessed 2015

Other key health challenges include cerebrovascular disease and heart-related diseases ([Table 16](#)). Mortality rates due to cerebrovascular disease in the Region counties range from 39.5 to 119.9. Eight (8) of the 16 counties have rates worse than the Texas rate (42.6). The Region's

counties have very high mortality rates from diseases of the heart, which range from 155.9 to 307.5. Fourteen (14) of the 16 counties have rates worse than the Texas average (175.7). In addition to these heart-related diseases, stroke, and diabetes, the Region faces high rates of mortality due to chronic lower respiratory disease (39.0 to 84.2). Eight (8) of the 16 counties have rates higher than the Texas average of 42.6.<sup>2,16</sup>

Asthma is a serious health risk for the Region and the State. Eight (8) of the 16 counties in the Region have rates higher than the Texas rate (11.6), with the range for the 16 counties at 2.9 to 34.0.<sup>2</sup>

Two other important findings from the CHNA that are related include a high mortality rate from accidents and high rates of emergency room utilization. The mortality rate for accidents ranges from 39.1 to 61.3 in the Region. All of the reporting counties have a rate worse than the Texas rate (36.8) and the U.S. Rate (38.6). High rates of emergency department utilization are a major resource issue for the Region. The county rates of emergency department visits for the Region range from 15.4 to 80.3. Nine (9) of the 16 counties have rates of emergency room visits which are higher than the Texas rate (32.9).<sup>2,4</sup>

**Table 16: Key Health Challenges - Mortality  
(Rates per 100,000)**

|                                   | Region Average | Texas Average | U.S. Average | Number Below Texas Average |
|-----------------------------------|----------------|---------------|--------------|----------------------------|
| Accidents                         | 48.4           | 36.8          | 38.6         | 0                          |
| Assault/Homicide                  | 3.8            | 5.3           | 5.3          | 4                          |
| Cerebrovascular (Stroke)          | 58.1           | 42.6          | 37.9         | 2                          |
| Chronic Liver Disease & Cirrhosis | 6.8            | 13.0          | 10.2         | 4                          |
| Chronic Lower Respiratory Disease | 59.8           | 42.6          | 42.2         | 2                          |
| Diabetes                          | 20.5           | 21.6          | 23.9         | 2                          |
| Diseases of the Heart             | 218.7          | 175.7         | 175.0        | 2                          |
| Intentional Self-Harm (Suicide)   | 10.6           | 11.7          | 12.3         | 2                          |

Data Source: <http://www.communitycommons.org/>. and [www.texashealthfacts.org](http://www.texashealthfacts.org/). Accessed 2015

Tables 17 and 18 include a summary of statistics for SHC — Galveston Region's Under 18 Population, as identified by the data collected from the quantitative community health needs assessment, county profiles. The Region has a higher number of uninsured, Medicaid coverage, number of children living below the Federal Poverty Level (FPL), and children eligible for free/reduced cost lunch programs compared to both Texas and U.S. averages.

**Table 17: Statistics for Under 18 Population  
(Rates per 100,000)**

|  | Region | Texas   | U.S. |
|--|--------|---------|------|
| Under 18 % of Population                       | 23.4   | 27.0    | 23.7 |
| Urban Area                                     | 46.9   | 84.7    | 80.9 |
| Rural Area                                     | 53.1   | 15.3    | 19.1 |
| Lack of Insurance (see Region Table below)     | 14.0   | 13.1    | 7.5  |
| CHIP Enrollment                                | 2,540  | 495,187 | -    |
| Medicaid                                       | 41.3   | 38.5    | 35.9 |
| Children Living Below 100% FPL                 | 28.7   | 25.3    | 21.6 |
| Children Living Below 200% FPL                 | 52.3   | 49.9    | 43.8 |
| Children Eligible for Free/Reduced Price Lunch | 63.7   | 60.1    | 52.3 |
| No High School Diploma                         | 18.9   | 18.8    | 13.9 |
| Teen Births                                    | 5.8    | 5.5     | 3.7  |
| Infant Mortality per 1,000 Births              | 7.0    | 6.2     | 6.5  |

Data Source: <http://www.communitycommons.org/> . Accessed 2015

**Table 18: Under 18 Population – Lack of Insurance by County**

|             |      |               |      |
|-------------|------|---------------|------|
| Angelina    | 10.8 | Newton        | 12.6 |
| Brazoria    | 12.3 | Orange        | 10.1 |
| Galveston   | 10.4 | Polk          | 15.3 |
| Hardin      | 10.4 | Sabine        | 14.1 |
| Jasper      | 13.8 | San Augustine | 12.9 |
| Jefferson   | 11.0 | San Jacinto   | 15.8 |
| Liberty     | 14.0 | Shelby        | 17.8 |
| Nacogdoches | 13.5 | Tyler         | 13.1 |

Data Source: <http://www.communitycommons.org/> . Accessed 2015

## Action Plans

### ACTION PLAN RESULTS FROM 2012 CHNA

The previous community health needs assessment identified eight focus areas that SHC — Galveston felt we could impact the most. Action plans were developed, implemented, and results documented as follows:

- The first CHN was designed to increase public awareness that SHC — Galveston accepts patients regardless of the ability to pay. Shriners Hospitals for Children broadcasted over 2,500 Public Service announcements regarding Shriners Hospitals for Children and our policy on accepting patients regardless of the ability to pay.
- The second CHN was designed to increase public awareness that SHC — Galveston accepts patients regardless of the insurance status. Once again, Shriners Hospitals for Children broadcasted over 2,500 Public Service announcements regarding Shriners Hospitals for Children and our policy on accepting patients regardless of insurance status.
- The third CHN addressed decreasing the specialty care physician shortages in our region by continuing to train critical care fellows, residents, and medical students. Over the last 3 years SHC — Galveston has trained 18 critical care fellows, 226 residents, and 284 medical students.
- The fourth CHN addressed decreasing the mental and behavioral health shortages in our region by continuing to train mental health professionals. Over the last 3 years, SHC — Galveston has trained 42 mental/behavioral health professionals.
- The fifth CHN addressed decreasing the mid-level provider shortages in our region. SHC — Galveston offered clinical rotations to 26 PAs over the last 3 years.
- The sixth CHN addressed decreasing the pharmacist shortages in our region. SHC — Galveston was unable to meet this CHN due to not being able to have Pharmacy students rotate through Shriners. The nearest Pharmacy school is over 65 miles away, and they were not interested in having students rotate through our facility.

- The seventh CHN addressed decreasing the high Emergency Department utilization rates within our region. Over the last 3 years, SHC — Galveston offered training to 60 EMS personnel in basic burn care management. Additionally, SHC — Galveston offered 39 Advanced Burn Life Support courses throughout the region.
- The eighth CHN addressed decreasing the high mortality rates from accidents in our region. SHC — Galveston trained over 90 EMS personnel, nurses and other health care providers in burn care and on the American Burn Association referral guidelines.
- To summarize the previous CHN, SHC — Galveston believes we have taken positive steps to address the CHN's within our region.



## **ACTION PLAN FOR 2015 CHNA**

The collaborative efforts of everyone involved in SHC — Galveston's 2015 CHNA contains a set of four Action Plans to address the community health needs identified in the assessment (Reference [Table 4](#)). The following Action Plans ([Table 19](#)) include identified priorities, a comprehensive set of goals, objectives, action steps, timelines, program evaluations, and a list of responsible personnel. We feel the Action Plans will target specific measures that will improve the health of the Region and thus have a large impact on improving the quality of life for SHC — Galveston's Region's residents. Each Action Plan is equally important in improving the health and well-being of the Region. The following Action Plans address the prioritized community health needs, action plans, objectives, and timelines for implementation essential to improving the health of our Region.



**Table 19****Priority Health Need CHN 1: Access Barriers – Lack of Insurance**

| Goals  | Objectives  | Action Steps   | Implementation Timeline | Evaluation Plan for Monitoring  | Responsible Person |
|--|---|--|-------------------------|---|--------------------|
| 1. Increase public awareness that SHC - Galveston accepts patients regardless of insurance.    | 1a. Increase the number of new PR/Marketing contacts by 5% per year from baseline (2015).               | 1a. Work with SHC-Galveston PR/Marketing to increase awareness that SHC - Galveston accepts patients regardless of insurance.    | 1a. June 2016           | 1a-1b. Determine the number of PR/Marketing/ Physician liaison contacts for 2015. Design and maintain a database of all SHC-Galveston PR/Marketing/ Physician liaison contacts and track new contacts for the next 3 years. | 1. Ronald Mlcak    |
|  | 1b. Increase the number of new physician liaison contacts by 5% per year from baseline (2015).          | 1b. Work with SHC-Galveston physician liaison to increase the number of new contacts by 5% per year from baseline (2015).        | 1b. June 2016           |   |                    |
|  | 1c. Continue to educate the public concerning the mission of SHC-Galveston at meetings and conferences. | 1c. Educate the public concerning the mission of SHC-Galveston at meetings and or conferences.                                   | 1c. May 2016            |   |                    |
| 2. Assist our uninsured patient population in accessing resources, including health insurance. | 2a. Continue to increase public awareness concerning the mission of SHC - Galveston by                  | 2a. Increase public awareness concerning the mission by providing lectures at educational conferences.<br>2b. Increase number of | 2a. May 2016            | 2a. Determine the number of lectures at educational conferences for 2015. Design and maintain a database of all   | 2. Jessica Campos  |

|  |  |  |                  |   |  |
|--|--|--|------------------|---|--|
|  | providing lectures at educational conferences and at the hospital. | visiting health professionals to our hospital.   |                  | presentations at educational conferences, at the hospital and number of visiting health professionals for the next 3 years. |  |
|  | 2b.Continue providing assistance in accessing resources.           | 2b. Increase assistance to our uninsured patient population in accessing resources through financial counseling. | 2b. October 2016 | 2b. Track the number of uninsured patients and those that require financial assistance including third party coverage.      |  |

**Priority Health Need CHN 2: Health Care Provider Shortage**

| Goals   | Objectives   | Action Steps   | Implementation Timeline | Evaluation Plan for Monitoring   | Responsible Person |
|---|--|--|-------------------------|--|--------------------|
| 1. Decrease the healthcare provider shortage in our Region by expanding and enhancing training of the healthcare workforce. | 1. Continue training of burn specialty care physicians.                            | 1. Increase awareness of opportunities for burn specialty care training at SHC-Galveston.        | 1. July 2016            | 1. Document the number of physicians who receive burn care specialty training. Track where they go after training. | Ronald Mlcak       |
|   | 2. Continue training residents and medical students at SHC-Galveston.              | 2. Increase the number of training opportunities for residents and medical students.             | 2. July 2016            | 2. Utilizing hospital data, track the number of medical students/residents trained at SHC-Galveston.               |                    |
|   | 3. Continue training PA students at SHC-Galveston.                                 | 3. Collaborate with UTMB to increase the training opportunities for PAs.                         | 3. September 2016       | 3. Utilizing hospital data, track the number of PA students trained at SHC-Galveston.                              |                    |
|   | 4. Continue training mental health providers at SHC-Galveston.                     | 4. Collaborate with UTMB to increase the training opportunities for mental health professionals. | 4. September 2016       | 4. Utilizing hospital data, track the number of mental health professionals trained at SHC-Galveston.              |                    |
|   | 5. Continue weekly multi-disciplinary (MDC) training conferences at SHC-Galveston. | 5. Develop a weekly calendar of MDC educational opportunities for SHC-Galveston.                 | 5. May 2016             | 5. Track the number of health care providers trained at SHC-Galveston.   |                    |

**Priority Health Need CHN 3: Knowledge Barriers – EMS Protocols/Guidelines**

| Goals   | Objectives   | Action Steps  | Implementation Timeline | Evaluation Plan for Monitoring   | Responsible Person |
|---|--|---|-------------------------|--|--------------------|
| 1. Increase compliance of ABLS Protocols & Guidelines for EMS agencies. | 1. Increase training for EMS agencies concerning evidence-based protocols. | 1. Increase awareness of ABLS protocols for EMS agencies in the Region.                                     | 1. July 2016            | 1. Utilizing hospital data, track the number of educational programs targeted to EMS agencies throughout the Region. | Ronald Mlcak       |
|   |  | 2. Work with the Texas EMS for Children Advisory Committee to institute ABLS guidelines for EMS personnel.  | 2. May 2016             | 2. Utilizing hospital data, track the number of educational programs targeted to ED's throughout the Region.         |                    |
|   |  | 3. Contact the medical directors of the EMS agencies in our Region and educate them on the ABLS guidelines. | 3. December 2016        | 3. Utilizing hospital data, track the number of EMS medical directors who institute the ABLS guidelines.             |                    |
| 2. Improve patient outcomes by adherence to ABLS Protocols.             | 2. Improve patient outcomes by monitoring admission vital signs.           | 2. Document admission vital signs and compare to age appropriate vital signs.                               | 2. December 2016        | 2. Report timeliness of transports and admission vital signs quarterly to transport committee.                       |                    |

**Priority Health Need CHN 4: Educational Barriers – Decrease Mortality Rates from Accidents**

| Goals   | Objectives   | Action Steps  | Implementation Timeline   | Evaluation Plan for Monitoring   | Responsible Person |
|---|--|---|---|--|--------------------|
| 1. Decrease the high mortality rate from accidents in our Region. | 1. Decrease the high mortality rate from burn-related accidents in our Region by 5% in the next 3 years. | <p>1. Develop a burn care prevention program for our Region and implement a schedule for roll-out to schools and day care centers.</p> <p>2. Develop and expand relationships with the chemical manufacturers in our Region and provide burn care training for their facilities.</p> <p>3. Provide Advanced Burn Life Support (ABLS) courses for EMS personnel, and emergency room nurses and physicians in our Region.</p> | <p>1. September 2016</p> <p>2. November 2016</p> <p>3. September 2016</p> | <p>1. Develop a spreadsheet to document the number of burn care prevention programs that were offered to schools and day care centers.</p> <p>2. Develop a spreadsheet to document the number of burn care training programs provided to chemical manufacturers in our Region.</p> <p>3. Develop a spreadsheet to document the number of ABLS courses provided to EMS personnel, and emergency room nurses and physicians in our Region.</p> | Ronald Mlcak       |

|  |  |  |                  |   |  |
|--|--|--|------------------|---|--|
|  |  | 4. Educate emergency room personnel in our Region on the American Burn Association (ABA) burn referral guidelines. | 4.September 2016 | 4. Develop a spreadsheet to document the number of ABA courses provided to EMS personnel, and emergency room nurses and physicians in our Region. |  |
|--|--|--|------------------|---|--|

## Conclusion

The 2015 Community Health Needs Assessment (CHNA) was assembled to give readers an overview of Shriners Hospitals for Children – Galveston, Texas health trends and to provide a platform to increase communication across non-governmental, as well as, governmental agencies to improve the lives of children within our Region with specialized health needs. The findings from this process demonstrate that SHC —Galveston Region's residents include high concentrations of individuals at an increased risk for access barriers due to a lack of financial resources and insurance needs. Other key findings include shortages in specialty care physicians, mental/ behavioral health care providers, and mid-level practitioners. In addition to the health care worker shortages in our Region, this assessment identified four additional factors that drive the state of the health in our communities. SHC — Galveston's Action Plans have been developed to target the identified priorities of the community needs assessment that fall within our scope of services and that are aligned with the mission and vision of SHC — Galveston, Texas.

This report has shown that trends in health outcomes are determined not just by individual level factors, such as genetic make-up or access to medical services. Rather, the findings are the result of social, political, and environmental conditions that exist throughout our Region. By building on the analysis of this report and completing the Action Plans, SHC — Galveston will take significant steps to improve the health of our communities and thus influence health outcomes in our Region.



## Acknowledgements

Under the direction and guidance of the Shriners Hospitals for Children — Corporate Headquarters, SHC — Galveston’s Community Health Needs Assessment Advisory Committee began planning this assessment in 2015. Much thought was put into creating both a process and document that would be useful and enlightening to health care organizations, community-based health and social service organizations, and the community at large. SHC — Galveston wishes to thank the following community health needs assessment partners for their support of this project.

- The University of Texas Medical Branch (UTMB) Health, Galveston, Texas
- Shriners Hospitals for Children Corporate Headquarters, Tampa, Florida
- Texas EMS for Children Advisory Council
- East Texas Gulf Coast Regional Trauma Advisory Council (RAC “R”)
- The Pediatricians and EMS Agencies within the Region that responded to the Surveys
- The Galveston County Health District CEO and EMS Director



# EXHIBITS



## PRIMARY DATA

Pediatrician Survey

EMS Survey



## Shriners Hospitals for Children® — Galveston

### Community Health Needs Assessment – Pediatrician Survey

*As one of our valued community health partners, we are asking you to complete this brief 12-question survey. We want to identify the concerns of pediatric health care providers. Your answers will help us better respond to identified needs in our community.*

*Please return this survey by email to [rmlcak@shrinenet.org](mailto:rmlcak@shrinenet.org) by September 30, 2015*

1. For which specialty care services do you most often refer your patients to other providers?  
(Check all that apply.)

- |   |   |
|---|---|
| <input type="checkbox"/> Dermatologist      | <input type="checkbox"/> Neurosurgeon     |
| <input type="checkbox"/> Endocrinologist    | <input type="checkbox"/> Physiatrist      |
| <input type="checkbox"/> Gastroenterologist | <input type="checkbox"/> Plastic surgeon  |
| <input type="checkbox"/> Pediatric surgeon  | <input type="checkbox"/> Rheumatologist   |
| <input type="checkbox"/> Orthopedic surgeon | <input type="checkbox"/> Thoracic surgeon |
| <input type="checkbox"/> Otolaryngologist   | <input type="checkbox"/> Urologist        |
| <input type="checkbox"/> Neurologist        | <input type="checkbox"/> Other: _____     |

2. During the past 12 months, did your patients have difficulties or delays getting the services listed above because there were **waiting lists, backlogs, services unavailable, or other problems getting appointments?**

☐ Yes ☐ No

If yes, with which specialists did your patients have difficulties or delays getting services?

(Check all that apply.)

- |   |   |
|---|---|
| <input type="checkbox"/> Dermatologist      | <input type="checkbox"/> Neurosurgeon     |
| <input type="checkbox"/> Endocrinologist    | <input type="checkbox"/> Physiatrist      |
| <input type="checkbox"/> Gastroenterologist | <input type="checkbox"/> Plastic surgeon  |
| <input type="checkbox"/> Pediatric surgeon  | <input type="checkbox"/> Rheumatologist   |
| <input type="checkbox"/> Orthopedic surgeon | <input type="checkbox"/> Thoracic surgeon |
| <input type="checkbox"/> Otolaryngologist   | <input type="checkbox"/> Urologist        |
| <input type="checkbox"/> Neurologist        | <input type="checkbox"/> Other: _____     |

3. How often do you see children who are uninsured?  
☐ Very often                      ☐ Sometimes                      ☐ Never
4. What is the **most important** reason you refer children to Shriners Hospitals for Children – Galveston, Texas?  
☐ Charity care policy                      ☐ Free-standing pediatric facility    ☐ In network  
☐ Only place service was available    ☐ Excellent reputation  
☐ Convenience                      ☐ Other: \_\_\_\_\_
5. Do you routinely refer your patients to the following acute conditions?  
(Check all that apply.)  
☐ Acute Burn Injuries                      ☐ Reconstructive Surgery                      ☐ Skin conditions  
☐ Inhalation Injuries                      ☐ Not Applicable  
☐ Other \_\_\_\_\_
6. Do you routinely refer patients for any of the following Secondary Reconstructive Conditions? (Check all that apply)  
☐ Burn Contracture Release                      ☐ Facial Burn Deformities  
☐ Revision of Hypertrophic Scars                      ☐ Hand and/or Foot Reconstruction  
☐ Dermabrasion                      ☐ Microdermabrasion  
☐ Laser Surgery                      ☐ Breast Reconstruction  
☐ Not Applicable  
☐ Other \_\_\_\_\_
7. Do you routinely refer patients for the Management of Complicated Wounds? (Check all that apply)  
☐ Pressure Ulcers                      ☐ Infected Wounds  
☐ Delayed Wound Healing                      ☐ Amputations  
☐ Exposed Vessels, nerves, tendons                      ☐ Not Applicable  
☐ Other \_\_\_\_\_
8. Do you routinely refer patients for the treatment of Soft Tissue Conditions? (Check all that apply)  
☐ Soft Tissue Infections                      ☐ Toxic Epidermal Necrosis  
☐ Stevens - Johnson syndrome                      ☐ Epidermolysis Bullosa  
☐ Necrotizing Fasciitis                      ☐ Not Applicable  
☐ Other \_\_\_\_\_

9. If your patients did not receive all the services they needed, what were the reasons? (Check all that apply)

- |   |  |
|---|--|
| <input type="checkbox"/> Cost was too much                | <input type="checkbox"/> Forgot appointment          |
| <input type="checkbox"/> No insurance                     | <input type="checkbox"/> Did not go to appointment   |
| <input type="checkbox"/> Health Plan Problem              | <input type="checkbox"/> Child refused to go         |
| <input type="checkbox"/> Did not accept child's insurance | <input type="checkbox"/> Did not know where to go    |
| <input type="checkbox"/> Not available in area            | <input type="checkbox"/> No referral                 |
| <input type="checkbox"/> Transportation problems          | <input type="checkbox"/> Treatment is on going       |
| <input type="checkbox"/> Could not get appointment        | <input type="checkbox"/> Lack of resources at school |
| <input type="checkbox"/> Dissatisfaction with hospital    | <input type="checkbox"/> Other: _____                |

10. What concerns you most about pediatric health care in Texas?

- |   |  |
|---|--|
| <input type="checkbox"/> Cost               | <input type="checkbox"/> No insurance                      |
| <input type="checkbox"/> Lack of specialist | <input type="checkbox"/> Unhealthy eating/lifestyle habits |
| <input type="checkbox"/> Other _____        |  |

11. Are there pediatric health care services you would like to see Shriners Hospitals for Children-Galveston offer that we currently do not?

- |  |   |
|--|---|
| <input type="checkbox"/> General Pediatric Surgery | <input type="checkbox"/> Pediatric Craniofacial Surgery |
| <input type="checkbox"/> Pediatric Diabetic Care   | <input type="checkbox"/> Pediatric Obesity Care         |
| <input type="checkbox"/> Other _____               |   |

12. What counties does your practice include? \_\_\_\_\_

Please return the completed survey by email to [rmlcak@shrinenet.org](mailto:rmlcak@shrinenet.org) by September 30, 2015.  
Thank you for your time and cooperation.

**2015 SHC — Galveston CHNA Survey Results – Pediatricians**

- 154 Surveys were mailed – 33 returned to sender.  $154 - 33 = 121$  received survey.
- 24 responses.  $24 / 121 = 20\%$  response rate of those who received the survey.  
Seven surveys via UTMB e-mail.

**1. For which specialty care services do you most often refer your patients to other providers?**

|       | Dermatologist | Endocrinologist | Gastroenterologist | Pediatric Surgeon | Orthopedic Surgeon | Otolaryngologist | Neurologist | Neurosurgeon | Physiatrist | Plastic Surgeon | Rheumatologist | Thoracic Surgeon | Urologist | Other |
|-------|---------------|-----------------|--------------------|-------------------|--------------------|------------------|-------------|--------------|-------------|-----------------|----------------|------------------|-----------|-------|
| 1     | 0             | 1               | 0                  | 0                 | 1                  | 0                | 0           | 1            | 0           | 0               | 0              | 0                | 0         | 0     |
| 1     | 1             | 1               | 1                  | 0                 | 1                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 0           | 0               | 0              | 0                | 1         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 1           | 1               | 1              | 0                | 1         | 0     |
| 0     | 1             | 0               | 0                  | 1                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 1         | 0     |
| 1     | 0             | 0               | 0                  | 1                 | 0                  | 1                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 0     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 0           | 0               | 0              | 0                | 1         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 1           | 1               | 1              | 1                | 1         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 1     | 0             | 0               | 0                  | 1                 | 1                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 1         | 0     |
| 0     | 0             | 1               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 0            | 0           | 0               | 0              | 0                | 1         | 0     |
| 0     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 0           | 1               | 0              | 0                | 1         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 0            | 0           | 0               | 0              | 0                | 1         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 1           | 1               | 1              | 1                | 1         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 1           | 1               | 1              | 1                | 1         | 0     |
| 0     | 0             | 0               | 1                  | 0                 | 1                  | 0                | 0           | 0            | 0           | 1               | 0              | 0                | 0         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 1         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 1           | 1               | 1              | 1                | 1         | 0     |
| 0     | 1             | 1               | 0                  | 1                 | 1                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 1         | 1     |
| 0     | 0             | 0               | 1                  | 0                 | 1                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0     | 0             | 0               | 1                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0     | 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 1     | 1             | 1               | 1                  | 1                 | 1                  | 1                | 1           | 1            | 0           | 0               | 0              | 0                | 0         | 0     |
| 62.5% | 66.6%         | 70.8%           | 70.8%              | 70.8%             | 75.0%              | 54.2%            | 37.5%       | 47.8%        | 29.1%       | 20.8%           | 16.7%          | 54.2%            | 4.2%      |       |

**2. During the past 12 months, did your patients have difficulties or delays getting the service listed because there were waiting lists, backlogs, services unavailable, or other problems getting appointments?**

| Dermatologist | Endocrinologist | Gastroenterologist | Pediatric Surgeon | Orthopedic Surgeon | Otolaryngologist | Neurologist | Neurosurgeon | Physiatrist | Plastic Surgeon | Rheumatologist | Thoracic Surgeon | Urologist | Other |
|---------------|-----------------|--------------------|-------------------|--------------------|------------------|-------------|--------------|-------------|-----------------|----------------|------------------|-----------|-------|
| 1             | 0               | 1                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 1                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 1                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 1             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 1             | 1               | 1                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 1           | 0            | 0           | 0               | 0              | 0                | 1         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 1                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 1             | 0               | 1                  | 0                 | 1                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 1                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 0             | 1               | 1                  | 0                 | 1                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 1           | 0            | 0           | 0               | 1              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 1                 | 0                  | 1                | 0           | 0            | 0           | 1               | 0              | 0                | 0         | 0     |
| 0             | 0               | 1                  | 0                 | 0                  | 0                | 1           | 0            | 0           | 0               | 1              | 0                | 0         | 0     |
| 0             | 0               | 1                  | 0                 | 0                  | 0                | 1           | 0            | 0           | 0               | 1              | 0                | 0         | 0     |
| 0             | 0               | 1                  | 0                 | 1                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 1         | 0     |
| 0             | 0               | 0                  | 1                 | 0                  | 0                | 1           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 1           | 0               | 0              | 0                | 0         | 0     |
| 0             | 0               | 0                  | 0                 | 0                  | 0                | 0           | 0            | 0           | 0               | 0              | 0                | 0         | 0     |
| 16.7%         | 8.3%            | 45.8%              | 8.3%              | 12.5%              | 4.2%             | 25.0%       | 0            | 33.3%       | 4.2%            | 12.5%          | 0                | 8.3%      | 0     |

**3. How often do you see children who are uninsured?**

| Very Often | Sometimes | Never |
|------------|-----------|-------|
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 1          | 0         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 1          | 0         | 0     |
| 1          | 0         | 0     |
| 0          | 1         | 0     |
| 0          | 0         | 1     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 0          | 1         | 0     |
| 12.5%      | 83.3%     | 4.2%  |

**4. What is the most important reason you refer children to Shriners Hospitals for Children – Galveston, Texas?**

| Charity Care Policy | Only Place Service Available | Convenience | Free-standing Pediatric Facility | Excellent Reputation | In Network | Other |
|---------------------|------------------------------|-------------|----------------------------------|----------------------|------------|-------|
| 1                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 1                   | 1                            | 1           | 1                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 1                                | 1                    | 0          | 0     |
| 1                   | 1                            | 0           | 0                                | 0                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 1                   | 0                            | 0           | 0                                | 0                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 0                    | 0          | 1 N/A |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 1          | 0     |
| 1                   | 1                            | 0           | 1                                | 0                    | 0          | 0     |
| 0                   | 1                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 1                            | 1           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 0                    | 0          | 1     |
| 0                   | 1                            | 0           | 0                                | 0                    | 0          | 0     |
| 0                   | 1                            | 0           | 0                                | 0                    | 0          | 0     |
| 0                   | 0                            | 0           | 0                                | 1                    | 0          | 0     |
| 0                   | 1                            | 0           | 0                                | 0                    | 0          | 0     |
| 20.8%               | 33.3%                        | 8.3%        | 12.5%                            | 66.7%                | 4.2%       | 4.3%  |



**5. Do you routinely refer your patients for the following acute conditions?**

| Acute Burn Injury | Inhalation Injury | Reconstructive Surgery | Skin Conditions | Not Applicable | Other    |
|-------------------|-------------------|------------------------|-----------------|----------------|----------|
| 1                 | 0                 | 1                      | 0               | 0              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| 0                 | 0                 | 0                      | 1               | 0              | 0        |
| 1                 | 1                 | 0                      | 0               | 0              | 0        |
| 1                 | 0                 | 1                      | 0               | 0              | 0        |
| 1                 | 0                 | 0                      | 1               | 0              | 0        |
| 1                 | 1                 | 0                      | 1               | 0              | 0        |
| 0                 | 0                 | 0                      | 0               | 1              | 0        |
| 1                 | 1                 | 1                      | 1               | 0              | 0        |
| 0                 | 0                 | 0                      | 0               | 1              | 0        |
| 1                 | 0                 | 1                      | 0               | 0              | 0        |
| 0                 | 0                 | 0                      | 0               | 1              | 0        |
| 1                 | 1                 | 1                      | 1               | 0              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| 1                 | 0                 | 1                      | 0               | 0              | 0        |
| 1                 | 0                 | 1                      | 0               | 0              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| 0                 | 0                 | 0                      | 0               | 1              | 0        |
| 1                 | 0                 | 0                      | 0               | 0              | 0        |
| <b>79.2%</b>      | <b>16.7%</b>      | <b>29.2%</b>           | <b>20.8%</b>    | <b>16.7%</b>   | <b>0</b> |

**6. Do you routinely refer patients for any of the following secondary reconstructive conditions (check all that apply)?**

| Burn Contracture Release | Revision of Hypertrophic Scars | Dermabrasion | Laser Surgery | Facial Burn Deformities | Hand/Foot Reconstruction | Micro-dermabrasion | Breast Reconstruction | Not Applicable | Other |
|--------------------------|--------------------------------|--------------|---------------|-------------------------|--------------------------|--------------------|-----------------------|----------------|-------|
| 1                        | 0                              | 0            | 0             | 0                       | 1                        | 0                  | 0                     | 0              | 0     |
| 1                        | 0                              | 0            | 0             | 1                       | 0                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 0              | 0     |
| 1                        | 1                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 1              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 1                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 1              | 0     |
| 1                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 1              | 0     |
| 1                        | 1                              | 1            | 1             | 1                       | 1                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 1              | 0     |
| 1                        | 0                              | 0            | 0             | 1                       | 0                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 0              | 0     |
| 1                        | 1                              | 1            | 0             | 1                       | 1                        | 0                  | 0                     | 0              | 0     |
| 0                        | 1                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 0              | 0     |
| 1                        | 1                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 1              | 0     |
| 1                        | 1                              | 0            | 0             | 1                       | 1                        | 0                  | 0                     | 0              | 0     |
| 1                        | 1                              | 0            | 0             | 1                       | 1                        | 0                  | 0                     | 0              | 0     |
| 1                        | 0                              | 0            | 1             | 0                       | 0                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 1              | 0     |
| 1                        | 0                              | 0            | 0             | 1                       | 0                        | 0                  | 0                     | 0              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 1              | 0     |
| 0                        | 0                              | 0            | 0             | 0                       | 0                        | 0                  | 0                     | 1              | 0     |
| 50.0%                    | 29.2%                          | 8.3%         | 8.3%          | 29.2%                   | 25.0%                    | 0                  | 0                     | 33.3%          | 0     |

7. Do you routinely refer patients for the management of complicated wounds (check all that apply)?

[illegible]

**8. Do you routinely refer patients for the treatment of soft tissue conditions (check all that apply)?**

| Soft Tissue Infection | Stevens-Johnson Syndrome | Necrotizing Fasciitis | Toxic Epidermal Necrosis | Epidermolysis Bullosa | Not Applicable | Other |
|-----------------------|--------------------------|-----------------------|--------------------------|-----------------------|----------------|-------|
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 1                        | 0                     | 1                        | 1                     | 0              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 1                        | 1                     | 1                        | 1                     | 0              | 0     |
| 0                     | 1                        | 0                     | 0                        | 0                     | 0              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 1                     | 1                        | 1                     | 1                        | 1                     | 0              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 1                        | 0                     | 0                        | 0                     | 0              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 1                        | 1                     | 1                        | 1                     | 0              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 0                     | 0                        | 0                     | 0                        | 0                     | 1              | 0     |
| 4.2%                  | 25.0%                    | 12.5%                 | 16.7%                    | 16.7%                 | 75.0%          | 0     |

**9. If your patients did not receive all the services they needed, what were the reasons (check all that apply)?**

| Cost too much | No Insurance | Health Plan Problems | Did Not Accept Child's Insurance | Not Available in Area | Transportation Problems | Could Not Get Appointment | Forgot Appointment with Hospital | Disappointment | Did Not Go To Appointment | Child Refused to Go | Did Not Know Where to Go | No Referral | Treatment is On-going | Lack of Resources at School | Other |
|---------------|--------------|----------------------|----------------------------------|-----------------------|-------------------------|---------------------------|----------------------------------|----------------|---------------------------|---------------------|--------------------------|-------------|-----------------------|-----------------------------|-------|
| 0             | 0            | 1                    | 0                                | 1                     | 1                       | 1                         | 0                                | 0              | 1                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 1            | 0                    | 0                                | 0                     | 0                       | 0                         | 0                                | 0              | 1                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 0            | 0                    | 0                                | 0                     | 0                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 0            | 1                    | 1                                | 0                     | 1                       | 1                         | 0                                | 1              | 1                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 1            | 0                    | 0                                | 1                     | 1                       | 0                         | 0                                | 0              | 0                         | 1                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 0            | 0                    | 0                                | 1                     | 0                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 0            | 0                    | 0                                | 1                     | 0                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 1             | 1            | 1                    | 1                                | 1                     | 1                       | 1                         | 1                                | 1              | 1                         | 1                   | 1                        | 1           | 1                     | 1                           | 0     |
| 1             | 1            | 1                    | 1                                | 1                     | 1                       | 1                         | 1                                | 1              | 1                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 1            | 1                    | 0                                | 0                     | 1                       | 0                         | 0                                | 1              | 1                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 0            | 0                    | 0                                | 1                     | 1                       | 0                         | 0                                | 1              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 1            | 1                    | 1                                | 1                     | 1                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 1             | 1            | 1                    | 0                                | 0                     | 0                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 0            | 0                    | 0                                | 0                     | 0                       | 0                         | 0                                | 0              | 1                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 1             | 1            | 0                    | 0                                | 0                     | 1                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 1             | 1            | 1                    | 0                                | 0                     | 1                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 0            | 0                    | 0                                | 1                     | 0                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 1            | 1                    | 1                                | 0                     | 0                       | 1                         | 0                                | 0              | 1                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 1            | 1                    | 1                                | 0                     | 0                       | 1                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 1            | 1                    | 1                                | 0                     | 1                       | 1                         | 0                                | 1              | 1                         | 0                   | 0                        | 0           | 0                     | 1                           | 0     |
| 0             | 0            | 0                    | 0                                | 0                     | 0                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 1     |
| 0             | 0            | 0                    | 0                                | 1                     | 1                       | 0                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 0             | 0            | 0                    | 0                                | 0                     | 0                       | 1                         | 0                                | 0              | 0                         | 0                   | 0                        | 0           | 0                     | 0                           | 0     |
| 1             | 0            | 0                    | 0                                | 0                     | 1                       | 0                         | 0                                | 1              | 1                         | 0                   | 0                        | 0           | 0                     | 1                           | 0     |
| 25.0%         | 50.0%        | 45.8%                | 29.2%                            | 41.7%                 | 54.2%                   | 33.3%                     | 8.3%                             | 29.2%          | 41.7%                     | 8.3%                | 4.2%                     | 4.2%        | 4.2%                  | 12.5%                       | 4.2%  |

**10. What concerns you most about pediatric health care in Texas?**

| Cost         | Lack of Specialists | No Insurance | Unhealthy Eating/Lifestyle Habits | Other        | Comments   |
|--------------|---------------------|--------------|-----------------------------------|--------------|--|
| 0            | 0                   | 0            | 1                                 | 0            |  |
| 0            | 0                   | 0            | 1                                 | 0            |  |
| 0            | 1                   | 0            | 1                                 | 0            |  |
| 0            | 1                   | 1            | 1                                 | 0            |  |
| 1            | 0                   | 1            | 0                                 | 0            |  |
| 0            | 1                   | 0            | 1                                 | 0            |  |
| 0            | 1                   | 0            | 0                                 | 0            |  |
| 1            | 1                   | 1            | 1                                 | 0            |  |
| 0            | 0                   | 1            | 1                                 | 0            |  |
| 0            | 0                   | 0            | 1                                 | 1            | Lack of public health knowledge and literacy   |
| 0            | 1                   | 0            | 0                                 | 0            |  |
| 0            | 1                   | 0            | 1                                 | 1            | Specialist not accepting Medicaid plans  |
| 0            | 0                   | 0            | 0                                 | 1            | The Texas Legislature  |
| 0            | 0                   | 0            | 1                                 | 1            | Lack of parental guidance, deficient parenting                                       |
| 0            | 1                   | 0            | 0                                 | 0            |  |
| 0            | 0                   | 0            | 0                                 | 1            | Lack of care for children with developmental, cognitive and psychiatric disabilities |
| 0            | 1                   | 0            | 0                                 | 0            |  |
| 0            | 0                   | 1            | 0                                 | 0            |  |
| 0            | 0                   | 1            | 0                                 | 0            |  |
| 1            | 0                   | 0            | 1                                 | 0            |  |
| 0            | 0                   | 1            | 0                                 | 0            |  |
| 0            | 1                   | 1            | 1                                 | 0            |  |
| 0            | 0                   | 0            | 0                                 | 1            | Lack of mental health services   |
| 0            | 0                   | 0            | 1                                 | 0            |  |
| <b>12.5%</b> | <b>41.7%</b>        | <b>33.3%</b> | <b>54.2%</b>                      | <b>25.0%</b> |  |

**11. Are there pediatric health care services you would like to see Shriners Hospitals for Children — Galveston offer, that we currently do not?**

| General Pediatric Surgery | Pediatric Diabetic Care | Pediatric Craniofacial Surgery | Pediatric Obesity Care | Other | Comments   |
|---------------------------|-------------------------|--------------------------------|------------------------|-------|--|
| 0                         | 0                       | 0                              | 1                      | 0     |  |
| 0                         | 0                       | 0                              | 1                      | 0     |  |
| 0                         | 0                       | 0                              | 1                      | 0     |  |
| 0                         | 0                       | 0                              | 0                      | 1     | Psychiatric  |
| 0                         | 1                       | 0                              | 1                      | 0     |  |
| 0                         | 0                       | 0                              | 1                      | 0     |  |
| 0                         | 0                       | 0                              | 0                      | 0     |  |
| 1                         | 1                       | 1                              | 1                      | 0     |  |
| 1                         | 1                       | 0                              | 1                      | 0     |  |
| 0                         | 0                       | 0                              | 1                      | 1     | Mental health and autism   |
| 0                         | 1                       | 1                              | 1                      | 0     |  |
| 1                         | 0                       | 1                              | 0                      | 0     |  |
| 0                         | 0                       | 1                              | 0                      | 0     |  |
| 0                         | 1                       | 1                              | 1                      | 0     |  |
| 0                         | 0                       | 1                              | 0                      | 0     |  |
| 0                         | 0                       | 0                              | 0                      | 1     | Learning disabilities, educational risk, autism treatment, developmental delay treatment |
| 1                         | 0                       | 0                              | 0                      | 0     |  |
| 0                         | 0                       | 0                              | 0                      | 0     |  |
| 0                         | 0                       | 0                              | 1                      | 0     |  |
| 0                         | 0                       | 0                              | 1                      | 0     |  |
| 0                         | 0                       | 0                              | 1                      | 0     |  |
| 1                         | 0                       | 0                              | 0                      | 0     |  |
| 0                         | 0                       | 0                              | 0                      | 0     |  |
| 0                         | 0                       | 1                              | 1                      | 0     |  |
| 20.8%                     | 20.8%                   | 29.2%                          | 58.3%                  | 12.5% |  |

**12. What counties does your practice include?**

[illegible]



**Primary Data Collected via Pediatricians Survey**

| Question Number | Identified CHN   |
|-----------------|--|
| 1               | Referral to specialty care services: <ul style="list-style-type: none"> <li>• 75% Otolaryngologist</li> <li>• 71% GI, Pediatric and Orthopedic Surgeons</li> <li>• 67% Endocrinologist</li> <li>• 63% Dermatologist</li> </ul>                                     |
| 2               | Delays or difficulties getting services due to waiting list, backlogs or services unavailable: <ul style="list-style-type: none"> <li>• 46% GI</li> <li>• 33% Psychiatrist</li> <li>• 23% Neurologist</li> <li>• 17% Dermatologist</li> </ul>                      |
| 3               | Access Barriers: Lack of Insurance <ul style="list-style-type: none"> <li>• 83% see children without insurance “sometimes”</li> <li>• 13% see children without insurance “very often”</li> </ul>   |
| 4               | Most important reason for referral to Shriners: <ul style="list-style-type: none"> <li>• 67% excellent reputation</li> <li>• 33% only place service available</li> </ul>   |
| 5               | Referral reasons to Shriners for acute conditions: <ul style="list-style-type: none"> <li>• 79% acute burn injuries</li> <li>• 29% reconstructive surgery</li> <li>• 20% skin conditions</li> </ul>  |
| 6               | Referral reasons for reconstructive surgery: <ul style="list-style-type: none"> <li>• 50% burn scar contracture release</li> <li>• 29% revision of hypertrophic scars</li> <li>• 29% facial burn deformities</li> <li>• 25% hand or foot reconstruction</li> </ul> |
| 7               | Referral reasons for complicated wounds: <ul style="list-style-type: none"> <li>• 13% delayed wound healing</li> </ul>   |
| 8               | Referral reasons for soft tissue conditions: <ul style="list-style-type: none"> <li>• 25% Stevens-Johnson Syndrome</li> <li>• 16% Toxic Epidermal Necrosis</li> <li>• 16% Epidermolysis Bullosa</li> </ul>   |

| Question Number | Identified CHN   |
|-----------------|--|
| 9               | In general practice, reasons your patients do not receive all the services they need: <ul style="list-style-type: none"><li>• 54% transportation problems</li><li>• 50% no insurance</li><li>• 46% health plan problems</li></ul>        |
| 10              | Most important concerns about pediatric health in Texas: <ul style="list-style-type: none"><li>• 54% unhealthy eating and lifestyle habits</li><li>• 41% lack of specialists</li><li>• 33% no insurance</li></ul>                        |
| 11              | Services you would like Shriners to offer: <ul style="list-style-type: none"><li>• 58% pediatric obesity care</li><li>• 29% craniofacial surgery</li><li>• 20% general pediatric surgery</li><li>• 20% pediatric diabetic care</li></ul> |
| 12              | In what counties do you practice: <ul style="list-style-type: none"><li>• 67% Galveston</li><li>• 46% Brazoria</li><li>• 13% Jasper</li></ul>  |

Data Source: Surveys to Pediatricians in Region. 2015



## Shriners Hospitals for Children® — Galveston

### Community Health Needs Assessment – EMS Agencies

*As one of our valued community health partners, we are asking you to complete this brief 9-question survey. We want to identify the needs and concerns of EMS providers. Your answers will help us better respond to needs within our community.*

**Please return this survey via email to [rmlcak@shrinenet.org](mailto:rmlcak@shrinenet.org) by December 30, 2015**

1. During the past 12 months, did your agency transfer any burn patients?

☐ Yes    ☐ No

If yes, check the approximate number of patients per year.

☐ 1-2                      ☐ 3-5  
☐ 6-8                      ☐ > 8

2. During the past 12 months, did your agency transfer any pediatric burn patients?

☐ Yes    ☐ No

If yes, check the approximate number of patients per year.

☐ 1-2                      ☐ 3-5  
☐ 6-8                      ☐ > 8

3. Does your agency ever transfer burn patients to Shriners Hospitals for Children-Galveston?

☐ Yes    ☐ No

If yes, check the approximate number of patients per year.

☐ 1-2                      ☐ 3-5                      ☐ > 5

4. What is the **most important** reason you transfer children to Shriners Hospitals for Children – Galveston, Texas?

☐ Charity care policy                      ☐ Free-standing pediatric facility    ☐ In network  
☐ Only place service was available    ☐ Excellent reputation  
☐ Convenience                              ☐ Other: \_\_\_\_\_

5. How often do you transfer children who are uninsured?

☐ Very Often

☐ Sometimes

☐ Never

6. Does your agency utilize protocols for stabilization and transfer of burn patients?

☐ Yes

☐ No

7. Does your agency utilize the American Burn Association Advanced Burn Life Support (ABLS) guidelines for Stabilization and Transport for burn patients?

☐ Yes

☐ No

☐ Not sure

8. Does your agency utilize the ABLS fluid resuscitation guidelines for pre-hospital management of burns? (see below)

- 5 years old and younger: 125 ml LR per hour
- 6-13 years old: 250 ml LR per hour
- 14 years and older: 500 ml LR per hour

☐ Yes

☐ No

☐ Not sure

9. What counties does your agency include? \_\_\_\_\_

Please return the completed survey via email to [rmlcak@shrinenet.org](mailto:rmlcak@shrinenet.org) by December 30, 2015.

Thank you for your time and cooperation.

Ron

Ronald Mlcak PhD, MBA

Administrative Director

Shriners Hospitals for Children-Galveston

**2015 SHC — Galveston Survey Results – EMS**

- 37 Surveys distributed via E-mail
- 7 / 37 Surveys Returned = 19%

1. During the past 12 months, did your agency transfer any burn patients? If yes, check the approximate number of patients per year.

☐ Yes      ☐ No

| No  | 1-2 | 3-5 | 6-8 | >8  |
|-----|-----|-----|-----|-----|
|     |     |     |     | 1   |
|     |     | 1   |     |     |
|     |     |     | 1   |     |
|     |     | 1   |     |     |
| 1   |     |     |     |     |
|     |     |     | 1   |     |
|     |     |     |     | 1   |
| 14% |     | 29% | 29% | 29% |

**86% transfer burn patients / 14% do not.**

2. During the past 12 months, did your agency transfer any pediatric burn patients? If yes, check the approximate number of patients per year.

☐ Yes      ☐ No

| No  | 1-2 | 3-5 | 6-8 | >8  |
|-----|-----|-----|-----|-----|
|     |     | 1   |     |     |
| 1   |     |     |     |     |
|     |     |     | 1   |     |
|     | 1   |     |     |     |
| 1   |     |     |     |     |
|     |     | 1   |     |     |
|     |     |     |     | 1   |
| 29% | 14% | 29% | 14% | 14% |

**71% transfer pediatric burn patients / 29% do not.**

3. Does your agency ever transfer burn patients to Shriners Hospitals for Children – Galveston? If yes, check the approximate number of patients per year.

☐ Yes      ☐ No

| No  | 1-2 | 3-5 | >5 |
|-----|-----|-----|----|
| 1   |     |     |    |
|     | 1   |     |    |
|     |     | 1   |    |
| 1   |     |     |    |
| 1   |     |     |    |
| 1   |     |     |    |
|     |     | 1   |    |
| 57% | 14% | 29% |    |

**43% transfer burn patients to SHC-G / 57% do not.**

4. What is the most important reason you transfer children to Shriners Hospitals for Children – Galveston, Texas?

| No  | Charity Care Policy | Free-standing Pediatric Facility | In Network | Only Place Services Available | Excellent Reputation | Convenience | Other |
|-----|---------------------|----------------------------------|------------|-------------------------------|----------------------|-------------|-------|
| 1   |                     |                                  |            |                               |                      |             |       |
|     |                     | 1                                |            |                               |                      |             |       |
|     |                     |                                  |            |                               | 1                    |             |       |
| 1   |                     |                                  |            |                               |                      |             |       |
|     |                     |                                  |            |                               | 1                    |             |       |
|     |                     |                                  |            |                               | 1                    |             |       |
|     |                     |                                  |            |                               |                      |             | 1*    |
| 29% |                     | 14%                              |            |                               | 43%                  |             | 14%   |

\*Request from treating facilities.

**71% transfer patients to SHC-G due to excellent reputation, free-standing facility or other / 29% do not.**

## 5. How often do you transfer children who are uninsured?

| Very Often | Sometimes  | Never |
|------------|------------|-------|
| 1          |            |       |
| 1          |            |       |
| 1          |            |       |
|            | 1          |       |
|            | 1          |       |
|            | 1          |       |
| 1          |            |       |
| <b>57%</b> | <b>43%</b> |       |

**100% transfer uninsured patients very often or sometimes.**

## 6. Does your agency utilize protocols for stabilization and transfer of burn patients?

| Yes         | No |
|-------------|----|
| 1           |    |
| 1           |    |
| 1           |    |
| 1           |    |
| 1           |    |
| 1           |    |
| 1           |    |
| <b>100%</b> |    |

**100% utilize protocols.**

## 7. Does your agency utilize the American Burn Association Advanced Burn Life Support (ABLS) guidelines for Stabilization and Transport for burn patients?

| Yes        | No | Not Sure   |
|------------|----|------------|
| 1          |    |            |
| 1          |    |            |
|            |    | 1          |
| 1          |    |            |
|            |    | 1          |
| 1          |    |            |
| 1          |    |            |
| <b>71%</b> |    | <b>29%</b> |

**71% utilize ABLS protocols / 29% not sure.**

**8. Does your agency utilize the ABLS Fluid Resuscitation Guidelines for pre-hospital management of burns (see below)?**

- 5 years old and younger: 125 ml LR per hour
- 6 – 13 years old: 250 ml LR per hour
- 14 years and older: 500 ml LR per hour

| Yes | No  | Not Sure |
|-----|-----|----------|
| 1   |     |          |
| 1   |     |          |
|     | 1   |          |
| 1   |     |          |
|     |     | 1        |
| 1   |     |          |
| 1   |     |          |
| 71% | 14% | 14%      |

**71% utilize ABLS fluid management guidelines / 18% not sure or do not.**

**9. What counties does your agency include?**

- Air medical – all counties
- Galveston County
- Liberty County
- Galveston County
- Air medical – all counties



**Data Collected via EMS Agencies Survey**

| Question Number | Identified CHN   |
|-----------------|--|
| 1 – 3           | <p>Access Barriers - Transfer Burn Patients:</p> <ul style="list-style-type: none"> <li>• 85% of EMS agencies in our Region transfer burn patients</li> <li>• 71% of EMS agencies transferred pediatric burn patients within the last 12 months</li> <li>• 57% of EMS agencies <b>did not</b> transfer any patients to SHC-Galveston</li> <li>• 43% of EMS agencies <b>did</b> transfer patients to SHC-Galveston</li> </ul> |
| 4               | <p>Most important reason your agency transfers patients to SHC-Galveston:</p> <ul style="list-style-type: none"> <li>• 43% excellent reputation</li> <li>• 14% free standing facility</li> <li>• 14% request from treating facility</li> </ul>   |
| 5               | <p>Access Barriers – Lack of Insurance: How often do you transfer patients who are uninsured:</p> <ul style="list-style-type: none"> <li>• 57% very often</li> <li>• 43% sometimes</li> </ul>  |
| 6 – 8           | <p>Use of Protocols:</p> <ul style="list-style-type: none"> <li>• 100% of EMS agencies utilize protocols for stabilization and transfer of burn patients</li> <li>• 71% of EMS agencies utilize the ABLS guidelines for stabilization and transport – 29% do not</li> <li>• 71% of EMS agencies utilize the ABLS pre-hospital fluid resuscitation guidelines – 29% do not</li> </ul>   |

Data Source: Surveys to EMS agencies in Region. 2015

## SECONDARY DATA

Community/Region Data

## ***List of CHNA Rating/Ranking Criteria***

### **Geography & Population**

County Population  
Population per Square Mile  
Area in Square Miles  
County Rank (Population)  
Urban or Rural

### **Population / Age Groups**

Age 0 - 17  
Age 18 - 44  
Age 45 - 64  
Age 65+

### **Race/Ethnicity**

Asian/Asian American  
Black/African American  
White (Caucasian)  
Other  
(% Population Hispanic of any descent)

### **Socioeconomic Indicators**

Median Household Income  
Unemployment  
Living at/below Federal Poverty Level  
Incarcerated  
Not Proficient in English  
Uninsured 0 - 18  
Uninsured 19 - 64  
Medicaid Clients  
Did Not Complete High School  
Associates Degree or Higher

### **Natality**

Birth to Teen Mothers  
Prenatal Care in 1st Trimester  
Low Birth Weight  
Pre-Term Births (No Data Available)  
Infant Mortality

### **Health Environment & Behaviors**

Physical Inactivity  
Excessive Drinking  
Adult Smoking  
Limited Access to Healthy Food  
Availability of Recreation Facilities

### **Mortality**

Accidents  
Assaults (Homicide)  
Cancer - All  
Cerebrovascular (Stroke)  
Chronic Liver Disease and Cirrhosis  
Chronic Lower Respiratory Disease  
Diabetes Mellitus  
Diseases of the Heart  
Intentional Self Harm (Suicide)

### **Morbidity - Cancer**

All Cancer  
Brain (Neurological)  
Breast  
Cervix  
Digestive System  
Colon  
Endocrine  
Leukemia  
Lymphoma  
Oral  
Prostate  
Respiratory/Lung  
Skin (Melanoma)  
Urinary (Kidney/Renal)

### **Morbidity - Other Diseases/Measures**

Diabetes Mellitus  
Adult Obesity  
Asthma/Respiratory Disease  
Hypertension  
Heart Disease  
Disability  
Poor Physical Health Days  
Poor Mental Health Days  
Inadequate Social/Emotional Support

**Morbidity - Communicable Diseases**

Tuberculosis  
AIDS/HIV  
Pertussis  
Varicella  
Primary/Secondary Syphilis  
Gonorrhea  
Chlamydia

**Health Services & Resources**

Primary Care Physicians  
Specialty Care Physicians  
Nurse Practitioners  
Physician Assistants  
EMT/Paramedic Organizations  
Dentists  
Mental Health Providers

**Facilities & Beds**

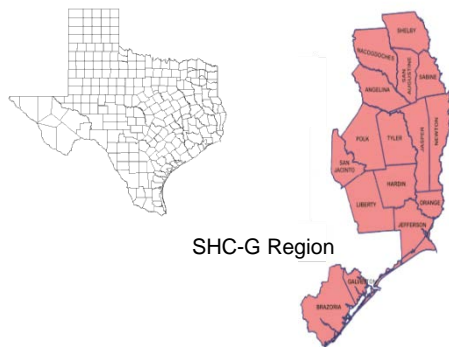
Community Clinics  
Acute Care Beds  
Psychiatric Care Licensed Beds

**Access & Quality Measures**

HPSA Primary Care  
HPSA Dental  
HPSA Mental Health  
Emergency Department Visits  
Preventable Hospital Stays  
Diabetics Not Receiving HBA1c Screening  
No Consistent Source of Primary Care

## SHC-Galveston Community Health Needs Assessment

### SHC-G REGION SUMMARY



#### Geography & Population Density

|                                   |            |
|-----------------------------------|------------|
| Texas Population                  | 29,956,958 |
| Region Population                 | 1,445,915  |
| Region Population per Square Mile | 136.7      |
| Region Area in Square Miles       | 13,000     |

#### Demography / Population

| Age     | Region (%) | Texas (%) | US (%) | Race/Ethnicity            | Region (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 23.8       | 27.0      | 23.7   | Asian/Asian American      | 1.3        | 3.9       | 4.9    |
| 18 – 44 | 32.9       | 38.4      | 36.5   | Black/African American    | 15.0       | 11.8      | 12.6   |
| 45 – 64 | 27.2       | 24.0      | 26.4   | White                     | 79.8       | 74.4      | 74.0   |
| 65 +    | 16.1       | 10.7      | 13.4   | Other                     | 4.0        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 12.7       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | Region | Texas  | US     |                                 | Region | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 44,004 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 13.0   | 13.1  | 7.5  |
| Unemployed (%)                    | 8.5    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 28.3   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 18.9   | 17.6   | 15.4   | Medicaid Clients (%)            | 23.9   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.4    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 18.6   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 4.4    | 14.2   | 8.6    | Associates Degree or Higher (%) | 21.1   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | Region | Texas | US   |                                    | Region | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 6.1    | 5.5   | 3.7  | Physical Inactivity (%)            | 28.1   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 59.7   | 62.5  | 82.7 | Excessive Drinking (%)             | 12.2   | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 6.2    | 8.4   | 8.2  | Adult Smoking (%)                  | 22.8   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 25.1   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 6.9    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 4.3    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | Region | Texas | US    |                                 | Region | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 50.4   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 59.8   | 42.6  | 42.2  |
| Assaults (Homicide)           | 3.8    | 5.3   | 5.3   | Diabetes Mellitus               | 20.5   | 21.6  | 23.9  |
| Cancer (All)                  | 178.8  | 161.8 | 168.9 | Diseases of the Heart           | 218.7  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 58.1   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | 10.6   | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | 6.8    | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### SHC-G REGION SUMMARY

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| Region                        | Texas | US    |       | Region                                   | Texas | US   |      |
| All Cancer                    | 449.1 | 417.8 | 453.8 | Diabetes (%)                             | 9.9   | 9.2  | 9.1  |
| Brain (Neurological)          | 3.8   | 6.5   | 6.6   | Adult Obesity (%)                        | 32.2  | 29.0 | 25.0 |
| Breast                        | 98.1  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 15.9  | 11.6 | 13.4 |
| Cervix                        | 12.2  | 9.4   | 7.8   | Hypertension (%)                         | 32.0  | 30.0 | 28.2 |
| Digestive System              | 4.7   | 6.8   | 6.6   | Heart Disease (%)                        | 4.8   | 4.0  | 4.4  |
| Colon                         | 46.8  | 41.4  | 43.3  | Disability (%)                           | 18.1  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 6.2   | 11.9  | 13.6  | Poor Physical Health Days                | 4.2   | 3.7  | 2.5  |
| Leukemia                      | 10.2  | 13.3  | 13.2  | Poor Mental Health Days                  | 3.8   | 3.3  | 2.3  |
| Lymphoma                      | 16.7  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 21.9  | 23.1 | 20.7 |
| Oral                          | 10.8  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 150.0 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 75.3  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 14.7  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 15.4  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| Region                        | Texas | US    |       | Region                     | Texas | US    |
| Tuberculosis                  | 1.5   | 4.6   | 2.9   | Primary/Secondary Syphilis | 8.0   | 5.6   |
| AIDS/HIV                      | 149.7 | 318.6 | 340.4 | Gonorrhea                  | 93.8  | 125.2 |
| Pertussis (Whooping Cough)    | 2.8   | 15.1  | 15.5  | Chlamydia                  | 356.8 | 473.1 |
| Varicella (Chickenpox)        | 3.7   | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| Region  | Texas | US   |      | # Facilities w/Shortage                        | Region | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 15     | 156   | 3,427 |
| Primary Care Physicians                                     | 44.3  | 70.6 | 74.5 | HPSA Mental Health Care                        | 8      | 120   | 3,060 |
| Specialty Care Physicians                                   | 37.5  | -    | -    | HPSA Dental Care                               | 7      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 35.3   | 24.3  | 34.1  |
| Nurse Practitioners   | 31.2  | 44.8 | -    | Emergency Dept Visits (%)                      | 45.3   | 32.9  | 44.5  |
| Physician Assistants  | 11.3  | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 80.2   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 55    | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 18.9   | 16.7  | 15.4  |
| Dentists  | 29.7  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 27.4   | 32.4  | 22.1  |
| Mental Health Providers                                     | 10.1  | 27.2 | -    |  |        |       |       |

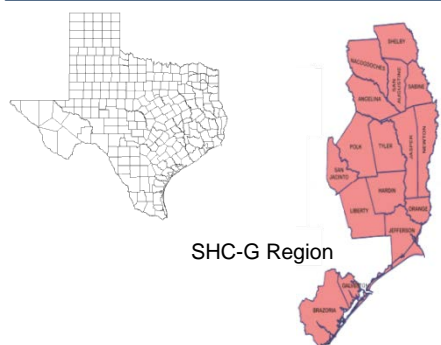
| Facilities & Beds                  |       |
|------------------------------------|-------|
| Region                             |       |
| Community Clinics (#)              | 22    |
| Acute Care Beds (#)                | 3,716 |
| Psychiatric Care Licensed Beds (#) | 112   |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and  
[www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### ANGELINA COUNTY, TEXAS



#### Geography & Population Density

|   |             |
|---|-------------|
| Texas Population                              | 29,956,958  |
| Angelina Population                           | 89,839      |
| Angelina Population per Square Mile           | 112.1       |
| Angelina Area in Square Miles                 | 801.6       |
| Angelina Population Rank among Texas Counties | 44          |
| Angelina % Urban / Rural                      | 56.9 / 43.1 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 26.6       | 27.0      | 23.7   | Asian/Asian American      | 0.9        | 3.9       | 4.9    |
| 18 – 44 | 34.4       | 38.4      | 36.5   | Black/African American    | 15.3       | 11.8      | 12.6   |
| 45 – 64 | 25.0       | 24.0      | 26.4   | White                     | 77.9       | 74.4      | 74.0   |
| 65 +    | 13.9       | 10.7      | 13.4   | Other                     | 5.5        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 20.1       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 41,804 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 10.8   | 13.1  | 7.5  |
| Unemployed (%)                    | 6.4    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 27.8   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 21.5   | 17.6   | 15.4   | Medicaid Clients (%)            | 28.4   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.6    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 21.8   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 6.8    | 14.2   | 8.6    | Associates Degree or Higher (%) | 22.0   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 6.7    | 5.5   | 3.7  | Physical Inactivity (%)            | 26.6   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 60.2   | 62.5  | 82.7 | Excessive Drinking (%)             | 9.9    | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 9.0    | 8.4   | 8.2  | Adult Smoking (%)                  | 21.1   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 28.6   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 5.5    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 3.5    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 56.3   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 39.0   | 42.6  | 42.2  |
| Assaults (Homicide)           | 0.0    | 5.3   | 5.3   | Diabetes Mellitus               | 24.0   | 21.6  | 23.9  |
| Cancer (All)                  | 167.4  | 161.8 | 168.9 | Diseases of the Heart           | 195.0  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 119.9  | 42.6  | 37.9  | Intentional Self Harm (Suicide) | 0.0    | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | 0.0    | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### ANGELINA COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 523.6 | 417.8 | 453.8 | Diabetes (%)                             | 10.4  | 9.2  | 9.1  |
| Brain (Neurological)          | 6.9   | 6.5   | 6.6   | Adult Obesity (%)                        | 33.6  | 29.0 | 25.0 |
| Breast                        | 110.4 | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 16.8  | 11.6 | 13.4 |
| Cervix                        | 13.8  | 9.4   | 7.8   | Hypertension (%)                         | 18.7  | 30.0 | 28.2 |
| Digestive System              | 9.2   | 6.8   | 6.6   | Heart Disease (%)                        | 4.1   | 4.0  | 4.4  |
| Colon                         | 48.9  | 41.4  | 43.3  | Disability (%)                           | 18.3  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 8.5   | 11.9  | 13.6  | Poor Physical Health Days                | 5.0   | 3.7  | 2.5  |
| Leukemia                      | 16.4  | 13.3  | 13.2  | Poor Mental Health Days                  | 3.9   | 3.3  | 2.3  |
| Lymphoma                      | 22.1  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 28.6  | 23.1 | 20.7 |
| Oral                          | 14.3  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 172.9 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 79.3  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 18.4  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 19.6  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 0.0   | 4.6   | 2.9   | Primary/Secondary Syphilis | 0.0   | 5.6   |
| AIDS/HIV                      | 0.0   | 318.6 | 340.4 | Gonorrhea                  | 152.5 | 125.2 |
| Pertussis (Whooping Cough)    | 8.9   | 15.1  | 15.5  | Chlamydia                  | 515.4 | 473.1 |
| Varicella (Chickenpox)        | 0.0   | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |              |       |       |
|---|-------|------|------|--|--------------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |              |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County       | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 0            | 156   | 3,427 |
| Primary Care Physicians                                     | 80.8  | 70.6 | 74.5 | HPSA Mental Health Care                        | 0            | 120   | 3,060 |
| Specialty Care Physicians                                   | 95.7  | -    | -    | HPSA Dental Care                               | 0            | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 100          | 24.3  | 34.1  |
| Nurse Practitioners   | 36.4  | 44.8 | -    | Emergency Dept Visits (%)                      | 59.5         | 32.9  | 44.5  |
| Physician Assistants  | 21.0  | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 75.3         | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 4     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 18.0<br>14.6 | 16.7  | 15.4  |
| Dentists  | 36.6  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    |              | 32.4  | 22.1  |
| Mental Health Providers                                     | 17.8  | 27.2 | -    |  |              |       |       |

| Facilities & Beds                  |     |
|------------------------------------|-----|
| County                             |     |
| Community Clinics (#)              | 0   |
| Acute Care Beds (#)                | 446 |
| Psychiatric Care Licensed Beds (#) | 24  |

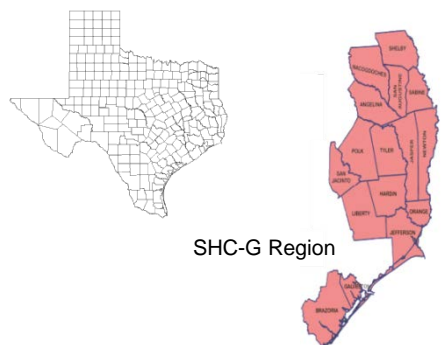
- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.



## SHC-Galveston Community Health Needs Assessment

### BRAZORIA COUNTY, TEXAS



#### Geography & Population Density

|   |             |
|---|-------------|
| Texas Population                              | 29,956,958  |
| Brazoria Population                           | 330,385     |
| Brazoria Population per Square Mile           | 238.3       |
| Brazoria Area in Square Miles                 | 1,357       |
| Brazoria Population Rank among Texas Counties | 15          |
| Brazoria % Urban / Rural                      | 77.5 / 22.5 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 27.5       | 27.0      | 23.7   | Asian/Asian American      | 5.7        | 3.9       | 4.9    |
| 18 – 44 | 36.1       | 38.4      | 36.5   | Black/African American    | 12.6       | 11.8      | 12.6   |
| 45 – 64 | 25.4       | 24.0      | 26.4   | White                     | 74.7       | 74.4      | 74.0   |
| 65 +    | 10.0       | 10.7      | 13.4   | Other                     | 6.6        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 28.1       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 66,250 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 112.3  | 13.1  | 7.5  |
| Unemployed (%)                    | 6.1    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 25.4   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 11.8   | 17.6   | 15.4   | Medicaid Clients (%)            | 14.3   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.3    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 14.7   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 7.6    | 14.2   | 8.6    | Associates Degree or Higher (%) | 35.6   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 4.8    | 5.5   | 3.7  | Physical Inactivity (%)            | 25.2   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 63.6   | 62.5  | 82.7 | Excessive Drinking (%)             | 11.8   | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 8.3    | 8.4   | 8.2  | Adult Smoking (%)                  | 14.2   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 31.9   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 5.5    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 7.9    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 39.9   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 45.9   | 42.6  | 42.2  |
| Assaults (Homicide)           | 3.8    | 5.3   | 5.3   | Diabetes Mellitus               | 16.8   | 21.6  | 23.9  |
| Cancer (All)                  | 168.9  | 161.8 | 168.9 | Diseases of the Heart           | 177.9  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 39.5   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | 12.0   | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | 16.1   | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### BRAZORIA COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 429.3 | 417.8 | 453.8 | Diabetes (%)                             | 9.2   | 9.2  | 9.1  |
| Brain (Neurological)          | 6.7   | 6.5   | 6.6   | Adult Obesity (%)                        | 31.2  | 29.0 | 25.0 |
| Breast                        | 110.9 | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 8.9   | 11.6 | 13.4 |
| Cervix                        | 8.6   | 9.4   | 7.8   | Hypertension (%)                         | 29.1  | 30.0 | 28.2 |
| Digestive System              | 4.8   | 6.8   | 6.6   | Heart Disease (%)                        | 4.1   | 4.0  | 4.4  |
| Colon                         | 13.4  | 41.4  | 43.3  | Disability (%)                           | 10.3  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 9.9   | 11.9  | 13.6  | Poor Physical Health Days                | 2.9   | 3.7  | 2.5  |
| Leukemia                      | 13.5  | 13.3  | 13.2  | Poor Mental Health Days                  | 2.7   | 3.3  | 2.3  |
| Lymphoma                      | 20.2  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 25.0  | 23.1 | 20.7 |
| Oral                          | 10.0  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 114.0 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 66.3  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 16.6  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 17.2  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 2.1   | 4.6   | 2.9   | Primary/Secondary Syphilis | 1.5   | 5.6   |
| AIDS/HIV                      | 122.7 | 318.6 | 340.4 | Gonorrhea                  | 80.8  | 125.2 |
| Pertussis (Whooping Cough)    | 5.8   | 15.1  | 15.5  | Chlamydia                  | 347.8 | 473.1 |
| Varicella (Chickenpox)        | 5.1   | 6.0   | -     |                            |       |       |

| Health Services & Resources                              |       |      |      | Access & Quality Measures                   |        |       |       |
|--|-------|------|------|---|--------|-------|-------|
| (Rates per 100,000)                                      |       |      |      |   |        |       |       |
| County   | Texas | US   |      | # Facilities w/Shortage                     | County | Texas | US    |
| <u>Providers</u>   |       |      |      | HPSA Primary Care                           | 1      | 156   | 3,427 |
| 124 Primary Care Physicians                              | 44.7  | 70.6 | 74.5 | HPSA Mental Health Care                     | 1      | 120   | 3,060 |
| Specialty Care Physicians                                | 36.8  | -    | -    | HPSA Dental Care                            | 1      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                               |       |      |      | % Population Living in HPSA                 | 10.5   | 24.3  | 34.1  |
| Nurse Practitioners                                      | 24.0  | 44.8 | -    | Emergency Dept Visits (%)                   | 15.4   | 32.9  | 44.5  |
| Physician Assistants                                     | 16.2  | 25.5 | -    | Preventable Hosp Stays (Ratio)              | 64.6   | 63.0  | 59.2  |
| EMT/Paramedic Organizations (1 <sup>st</sup> Responders) | 1     | 587  | -    | Diabetics Not Receiving HbA1c Screening (%) | 18.0   | 16.7  | 15.4  |
| Dentists   | 43.6  | 43.5 | 63.2 | No Consistent Source of Primary Care (%)    | 29.3   | 32.4  | 22.1  |
| Mental Health Providers                                  | 22.3  | 27.2 | -    |   |        |       |       |

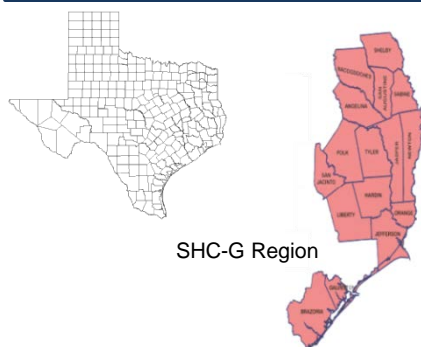
| Facilities & Beds                  |     |
|------------------------------------|-----|
| County                             |     |
| Community Clinics (#)              | 4   |
| Acute Care Beds (#)                | 253 |
| Psychiatric Care Licensed Beds (#) | 0   |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### GALVESTON COUNTY, TEXAS



#### Geography & Population Density

|  |            |
|--|------------|
| Texas Population                               | 29,956,958 |
| Galveston Population                           | 305,938    |
| Galveston Population per Square Mile           | 767.7      |
| Galveston Area in Square Miles                 | 398.5      |
| Galveston Population Rank among Texas Counties | 17         |
| Galveston % Urban / Rural                      | 93.8 / 6.2 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 25.2       | 27.0      | 23.7   | Asian/Asian American      | 3.2        | 3.9       | 4.9    |
| 18 – 44 | 34.7       | 38.4      | 36.5   | Black/African American    | 13.6       | 11.8      | 12.6   |
| 45 – 64 | 28.0       | 24.0      | 26.4   | White                     | 78.4       | 74.4      | 74.0   |
| 65 +    | 11.7       | 10.7      | 13.4   | Other                     | 4.8        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 22.8       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 60,210 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 10.4   | 13.1  | 7.5  |
| Unemployed (%)                    | 6.8    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 24.5   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 13.4   | 17.6   | 15.4   | Medicaid Clients (%)            | 15.8   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.8    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 12.9   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 6.5    | 14.2   | 8.6    | Associates Degree or Higher (%) | 36.9   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 4.5    | 5.5   | 3.7  | Physical Inactivity (%)            | 26.7   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 62.1   | 62.5  | 82.7 | Excessive Drinking (%)             | 13.9   | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 8.6    | 8.4   | 8.2  | Adult Smoking (%)                  | 17.2   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 43.1   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 5.5    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 7.9    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 39.1   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 39.7   | 42.6  | 42.2  |
| Assaults (Homicide)           | 5.7    | 5.3   | 5.3   | Diabetes Mellitus               | 26.8   | 21.6  | 23.9  |
| Cancer (All)                  | 192.1  | 161.8 | 168.9 | Diseases of the Heart           | 174.4  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 46.4   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | 13.5   | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | 13.3   | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### GALVESTON COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 451.4 | 417.8 | 453.8 | Diabetes (%)                             | 8.7   | 9.2  | 9.1  |
| Brain (Neurological)          | 6.9   | 6.5   | 6.6   | Adult Obesity (%)                        | 29.0  | 29.0 | 25.0 |
| Breast                        | 125.4 | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 8.7   | 11.6 | 13.4 |
| Cervix                        | 9.5   | 9.4   | 7.8   | Hypertension (%)                         | 27.4  | 30.0 | 28.2 |
| Digestive System              | 5.3   | 6.8   | 6.6   | Heart Disease (%)                        | 5.6   | 4.0  | 4.4  |
| Colon                         | 44.0  | 41.4  | 43.3  | Disability (%)                           | 12.2  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 9.6   | 11.9  | 13.6  | Poor Physical Health Days                | 3.6   | 3.7  | 2.5  |
| Leukemia                      | 14.3  | 13.3  | 13.2  | Poor Mental Health Days                  | 3.2   | 3.3  | 2.3  |
| Lymphoma                      | 16.9  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 23.3  | 23.1 | 20.7 |
| Oral                          | 12.3  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 125.8 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 66.1  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 15.9  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 17.6  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 2.9   | 4.6   | 2.9   | Primary/Secondary Syphilis | 2.9   | 5.6   |
| AIDS/HIV                      | 268.4 | 318.6 | 340.4 | Gonorrhea                  | 95.8  | 125.2 |
| Pertussis (Whooping Cough)    | 4.2   | 15.1  | 15.5  | Chlamydia                  | 393.2 | 473.1 |
| Varicella (Chickenpox)        | 6.5   | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 1      | 156   | 3,427 |
| Primary Care Physicians                                     | 59.2  | 70.6 | 74.5 | HPSA Mental Health Care                        | 1      | 120   | 3,060 |
| Specialty Care Physicians                                   | 138.1 | -    | -    | HPSA Dental Care                               | 1      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 0.8    | 24.3  | 34.1  |
| Nurse Practitioners   | 60.1  | 44.8 | -    | Emergency Dept Visits (%)                      | 23.2   | 32.9  | 44.5  |
| Physician Assistants  | 32.3  | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 69.1   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 6     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 16.9   | 16.7  | 15.4  |
| Dentists  | 38.8  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 33.3   | 32.4  | 22.1  |
| Mental Health Providers                                     | 32.1  | 27.2 | -    |  |        |       |       |

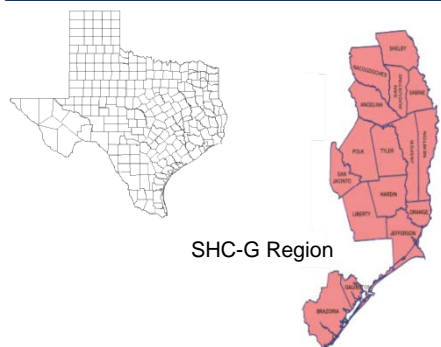
| Facilities & Beds                  |     |
|------------------------------------|-----|
| County                             |     |
| Community Clinics (#)              | 4   |
| Acute Care Beds (#)                | 410 |
| Psychiatric Care Licensed Beds (#) | 88  |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### HARDIN COUNTY, TEXAS



#### Geography & Population Density

|   |             |
|---|-------------|
| Texas Population                            | 29,956,958  |
| Hardin Population                           | 54,945      |
| Hardin Population per Square Mile           | 61.7        |
| Hardin Area in Square Miles                 | 890.3       |
| Hardin Population Rank among Texas Counties | 58          |
| Hardin % Urban / Rural                      | 48.5 / 51.5 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 25.6       | 27.0      | 23.7   | Asian/Asian American      | 0.7        | 3.9       | 4.9    |
| 18 – 44 | 33.2       | 38.4      | 36.5   | Black/African American    | 5.8        | 11.8      | 12.6   |
| 45 – 64 | 27.2       | 24.0      | 26.4   | White                     | 90.8       | 74.4      | 74.0   |
| 65 +    | 13.9       | 10.7      | 13.4   | Other                     | 2.8        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 4.7        | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 52,037 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 10.4   | 13.1  | 7.5  |
| Unemployed (%)                    | 7.8    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 18.7   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 10.9   | 17.6   | 15.4   | Medicaid Clients (%)            | 15.1   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.6    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 13.7   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 1.4    | 14.2   | 8.6    | Associates Degree or Higher (%) | 23.5   | 33.1  | 36.7 |

#### Nativity

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 5.3    | 5.5   | 3.7  | Physical Inactivity (%)            | 31.8   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 70.9   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 8.0    | 8.4   | 8.2  | Adult Smoking (%)                  | 24.4   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 32.4   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 5.3    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 12.8   | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 51.1   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 69.0   | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | 8.7    | 21.6  | 23.9  |
| Cancer (All)                  | 166.3  | 161.8 | 168.9 | Diseases of the Heart           | 202.4  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 59.8   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | 18.8   | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### HARDIN COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 471.9 | 417.8 | 453.8 | Diabetes (%)                             | 8.7   | 9.2  | 9.1  |
| Brain (Neurological)          | 6.7   | 6.5   | 6.6   | Adult Obesity (%)                        | 34.3  | 29.0 | 25.0 |
| Breast                        | 105.7 | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 12.2  | 11.6 | 13.4 |
| Cervix                        | -     | 9.4   | 7.8   | Hypertension (%)                         | 32.3  | 30.0 | 28.2 |
| Digestive System              | -     | 6.8   | 6.6   | Heart Disease (%)                        | 0.0   | 4.0  | 4.4  |
| Colon                         | 49.5  | 41.4  | 43.3  | Disability (%)                           | 16.2  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 13.2  | 11.9  | 13.6  | Poor Physical Health Days                | 4.7   | 3.7  | 2.5  |
| Leukemia                      | 12.6  | 13.3  | 13.2  | Poor Mental Health Days                  | 3.7   | 3.3  | 2.3  |
| Lymphoma                      | 25.8  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 22.8  | 23.1 | 20.7 |
| Oral                          | 14.0  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 141.6 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 70.7  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 21.4  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 20.0  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 0.0   | 4.6   | 2.9   | Primary/Secondary Syphilis | 3.6   | 5.6   |
| AIDS/HIV                      | 83.4  | 318.6 | 340.4 | Gonorrhea                  | 34.4  | 125.2 |
| Pertussis (Whooping Cough)    | 0.0   | 15.1  | 15.5  | Chlamydia                  | 188.2 | 473.1 |
| Varicella (Chickenpox)        | 1.9   | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 0      | 156   | 3,427 |
| Primary Care Physicians                                     | 21.0  | 70.6 | 74.5 | HPSA Mental Health Care                        | 0      | 120   | 3,060 |
| Specialty Care Physicians                                   | 3.4   | -    | -    | HPSA Dental Care                               | 0      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 0      | 24.3  | 34.1  |
| Nurse Practitioners   | 32.5  | 44.8 | -    | Emergency Dept Visits (%)                      | -      | 32.9  | 44.5  |
| Physician Assistants  | 3.4   | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 62.7   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 0     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 13.7   | 16.7  | 15.4  |
| Dentists  | 18.0  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 21.5   | 32.4  | 22.1  |
| Mental Health Providers                                     | 3.5   | 27.2 | -    |  |        |       |       |

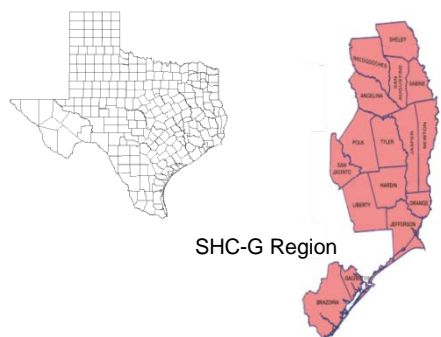
| Facilities & Beds                  |   |
|------------------------------------|---|
| County                             |   |
| Community Clinics (#)              | 2 |
| Acute Care Beds (#)                | 4 |
| Psychiatric Care Licensed Beds (#) | 0 |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### JASPER COUNTY, TEXAS



#### Geography & Population Density

|   |             |
|---|-------------|
| Texas Population                            | 29,956,958  |
| Jasper Population                           | 35,797      |
| Jasper Population per Square Mile           | 38.1        |
| Jasper Area in Square Miles                 | 938.6       |
| Jasper Population Rank among Texas Counties | 86          |
| Jasper % Urban / Rural                      | 21.8 / 78.2 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 24.8       | 27.0      | 23.7   | Asian/Asian American      | 0.6        | 3.9       | 4.9    |
| 18 – 44 | 30.9       | 38.4      | 36.5   | Black/African American    | 16.6       | 11.8      | 12.6   |
| 45 – 64 | 27.4       | 24.0      | 26.4   | White                     | 79.7       | 74.4      | 74.0   |
| 65 +    | 16.9       | 10.7      | 13.4   | Other                     | 3.0        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 5.9        | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 39,414 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 13.8   | 13.1  | 7.5  |
| Unemployed (%)                    | 7.7    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 26.9   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 17.8   | 17.6   | 15.4   | Medicaid Clients (%)            | 28.4   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.1    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 16.7   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 3.0    | 14.2   | 8.6    | Associates Degree or Higher (%) | 16.8   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 6.5    | 5.5   | 3.7  | Physical Inactivity (%)            | 29.8   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 62.5   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 9.3    | 8.4   | 8.2  | Adult Smoking (%)                  | 23.4   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 8.7    | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 7.8    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 2.8    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | -      | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 84.2   | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 156.9  | 161.8 | 168.9 | Diseases of the Heart           | 229.9  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 47.1   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### JASPER COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 477.6 | 417.8 | 453.8 | Diabetes (%)                             | 10.4  | 9.2  | 9.1  |
| Brain (Neurological)          | -     | 6.5   | 6.6   | Adult Obesity (%)                        | 33.1  | 29.0 | 25.0 |
| Breast                        | 97.6  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 25.7  | 11.6 | 13.4 |
| Cervix                        | -     | 9.4   | 7.8   | Hypertension (%)                         | 45.5  | 30.0 | 28.2 |
| Digestive System              | -     | 6.8   | 6.6   | Heart Disease (%)                        | 16.5  | 4.0  | 4.4  |
| Colon                         | 53.7  | 41.4  | 43.3  | Disability (%)                           | 20.3  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 13.5  | 11.9  | 13.6  | Poor Physical Health Days                | 4.7   | 3.7  | 2.5  |
| Leukemia                      | 18.4  | 13.3  | 13.2  | Poor Mental Health Days                  | 2.7   | 3.3  | 2.3  |
| Lymphoma                      | 20.0  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 18.9  | 23.1 | 20.7 |
| Oral                          | 15.5  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 136.7 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 66.9  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 18.1  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 21.5  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 2.8   | 4.6   | 2.9   | Primary/Secondary Syphilis | 11.3  | 5.6   |
| AIDS/HIV                      | 55.6  | 318.6 | 340.4 | Gonorrhea                  | 79.9  | 125.2 |
| Pertussis (Whooping Cough)    | 0.0   | 15.1  | 15.5  | Chlamydia                  | 330.6 | 473.1 |
| Varicella (Chickenpox)        | 2.8   | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 4      | 156   | 3,427 |
| Primary Care Physicians                                     | 60.8  | 70.6 | 74.5 | HPSA Mental Health Care                        | 1      | 120   | 3,060 |
| Specialty Care Physicians                                   | 8.2   | -    | -    | HPSA Dental Care                               | 1      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 0      | 24.3  | 34.1  |
| Nurse Practitioners   | 41.1  | 44.8 | -    | Emergency Dept Visits (%)                      | 56.5   | 32.9  | 44.5  |
| Physician Assistants  | 11.0  | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 79.5   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 2     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 19.3   | 16.7  | 15.4  |
| Dentists  | 30.9  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 24.2   | 32.4  | 22.1  |
| Mental Health Providers                                     | 0.0   | 27.2 | -    |  |        |       |       |

| Facilities & Beds                  |    |
|------------------------------------|----|
| County                             |    |
| Community Clinics (#)              | 2  |
| Acute Care Beds (#)                | 59 |
| Psychiatric Care Licensed Beds (#) | 0  |

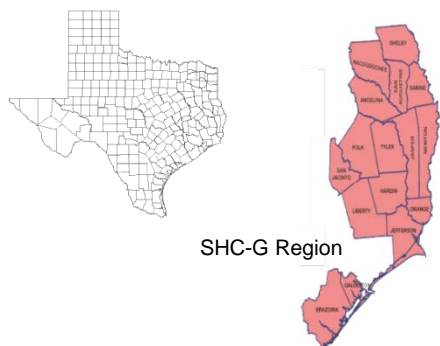
- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.



## SHC-Galveston Community Health Needs Assessment

### JEFFERSON COUNTY, TEXAS



#### Geography & Population Density

|  |            |
|--|------------|
| Texas Population                               | 29,956,958 |
| Jefferson Population                           | 252,157    |
| Jefferson Population per Square Mile           | 287.8      |
| Jefferson Area in Square Miles                 | 876        |
| Jefferson Population Rank among Texas Counties | 20         |
| Jefferson % Urban / Rural                      | 91.6 / 8.4 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 23.9       | 27.0      | 23.7   | Asian/Asian American      | 3.5        | 3.9       | 4.9    |
| 18 – 44 | 37.3       | 38.4      | 36.5   | Black/African American    | 33.5       | 11.8      | 12.6   |
| 45 – 64 | 26.0       | 24.0      | 26.4   | White                     | 56.4       | 74.4      | 74.0   |
| 65 +    | 12.8       | 10.7      | 13.4   | Other                     | 6.6        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 17.6       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 42,099 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 11.0   | 13.1  | 7.5  |
| Unemployed (%)                    | 8.7    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 23.8   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 20.9   | 17.6   | 15.4   | Medicaid Clients (%)            | 25.7   | 21.9  | 20.2 |
| Incarcerated (%)                  | 3.3    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 17.6   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 8.2    | 14.2   | 8.6    | Associates Degree or Higher (%) | 24.3   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 5.5    | 5.5   | 3.7  | Physical Inactivity (%)            | 29.6   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 65.5   | 62.5  | 82.7 | Excessive Drinking (%)             | 13.1   | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 10.2   | 8.4   | 8.2  | Adult Smoking (%)                  | 22.1   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 29.6   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 7.2    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 6.7    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 44.6   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 50.4   | 42.6  | 42.2  |
| Assaults (Homicide)           | 13.2   | 5.3   | 5.3   | Diabetes Mellitus               | 26.4   | 21.6  | 23.9  |
| Cancer (All)                  | 176.1  | 161.8 | 168.9 | Diseases of the Heart           | 213.5  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 55.0   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | 8.5    | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | 11.2   | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### JEFFERSON COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |        |       |       | Morbidity<br>Other Measures of Morbidity |        |       |      |
|-------------------------------|--------|-------|-------|--|--------|-------|------|
| (Rates per 100,000)           |        |       |       |  |        |       |      |
|                               | County | Texas | US    |  | County | Texas | US   |
| All Cancer                    | 456.3  | 417.8 | 453.8 | Diabetes (%)                             | 11.4   | 9.2   | 9.1  |
| Brain (Neurological)          | 6.1    | 6.5   | 6.6   | Adult Obesity (%)                        | 36.7   | 29.0  | 25.0 |
| Breast                        | 113.0  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 9.8    | 11.6  | 13.4 |
| Cervix                        | 8.6    | 9.4   | 7.8   | Hypertension (%)                         | 38.2   | 30.0  | 28.2 |
| Digestive System              | 8.4    | 6.8   | 6.6   | Heart Disease (%)                        | 2.6    | 4.0   | 4.4  |
| Colon                         | 48.8   | 41.4  | 43.3  | Disability (%)                           | 15.1   | 11.5  | 12.1 |
| Endocrine (Thyroid)           | 10.6   | 11.9  | 13.6  | Poor Physical Health Days                | 4.3    | 3.7   | 2.5  |
| Leukemia                      | 12.2   | 13.3  | 13.2  | Poor Mental Health Days                  | 3.4    | 3.3   | 2.3  |
| Lymphoma                      | 19.9   | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 28.2   | 23.1  | 20.7 |
| Oral                          | 12.9   | 10.6  | 11.3  |  |        |       |      |
| Prostate                      | 147.1  | 126.9 | 142.3 |  |        |       |      |
| Respiratory (Lung)            | 64.9   | 59.7  | 64.9  |  |        |       |      |
| Skin (Melanoma)               | 13.3   | 12.9  | 19.9  |  |        |       |      |
| Urinary (Kidney-Renal)        | 19.8   | 18.1  | 16.0  |  |        |       |      |

| Morbidity (Rates per 100,000) |        |       |       |                            |        |       |       |
|-------------------------------|--------|-------|-------|----------------------------|--------|-------|-------|
|                               | County | Texas | US    |                            | County | Texas | US    |
| Tuberculosis                  | 1.6    | 4.6   | 2.9   | Primary/Secondary Syphilis | 28.1   | 5.6   | 5.5   |
| AIDS/HIV                      | 397.0  | 318.6 | 340.4 | Gonorrhea                  | 178.8  | 125.2 | 107.5 |
| Pertussis (Whooping Cough)    | 0.8    | 15.1  | 15.5  | Chlamydia                  | 518.2  | 473.1 | 454.1 |
| Varicella (Chickenpox)        | 1.7    | 6.0   | -     |                            |        |       |       |

| Health Services & Resources                                 |        |       |      | Access & Quality Measures                      |        |       |       |
|---|--------|-------|------|--|--------|-------|-------|
| (Rates per 100,000)   |        |       |      |  |        |       |       |
|   | County | Texas | US   | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |        |       |      | HPSA Primary Care                              | 1      | 156   | 3,427 |
| Primary Care Physicians                                     | 79.6   | 70.6  | 74.5 | HPSA Mental Health Care                        | 2      | 120   | 3,060 |
| Specialty Care Physicians                                   | 132.2  | -     | -    | HPSA Dental Care                               | 1      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |        |       |      | % Population Living in HPSA                    | 0      | 24.3  | 34.1  |
| Nurse Practitioners   | 82.1   | 44.8  | -    | Emergency Dept Visits (%)                      | 80.3   | 32.9  | 44.5  |
| Physician Assistants  | 14.0   | 25.5  | -    | Preventable Hosp Stays (Ratio)                 | 64.8   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 4      | 587   | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 15.9   | 16.7  | 15.4  |
| Dentists  | 52.7   | 43.5  | 63.2 | No Consistent Source of<br>Primary Care (%)    | 23.7   | 32.4  | 22.1  |
| Mental Health Providers                                     | 12.8   | 27.2  | -    |  |        |       |       |

| Facilities & Beds                  |       |
|------------------------------------|-------|
| County                             |       |
| Community Clinics (#)              | 5     |
| Acute Care Beds (#)                | 1,715 |
| Psychiatric Care Licensed Beds (#) | 0     |

- = Data Not Available or Data Suppressed

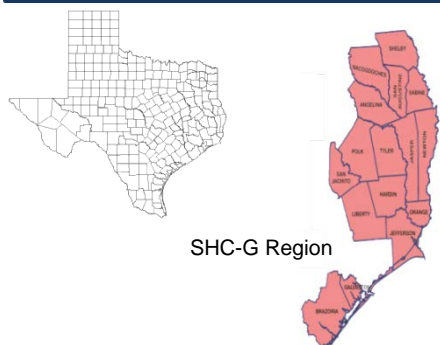
Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### LIBERTY COUNTY, TEXAS



#### Geography & Population Density

|  |             |
|--|-------------|
| Texas Population                             | 29,956,958  |
| Liberty Population                           | 76,013      |
| Liberty Population per Square Mile           | 65.6        |
| Liberty Area in Square Miles                 | 1,158.1     |
| Liberty Population Rank among Texas Counties | 47          |
| Liberty % Urban / Rural                      | 36.8 / 63.2 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 25.3       | 27.0      | 23.7   | Asian/Asian American      | 0.5        | 3.9       | 4.9    |
| 18 – 44 | 36.2       | 38.4      | 36.5   | Black/African American    | 10.9       | 11.8      | 12.6   |
| 45 – 64 | 26.8       | 24.0      | 26.4   | White                     | 80.1       | 74.4      | 74.0   |
| 65 +    | 11.7       | 10.7      | 13.4   | Other                     | 8.4        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 18.7       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 46,176 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 14.0   | 13.1  | 7.5  |
| Unemployed (%)                    | 8.7    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 32.7   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 20.3   | 17.6   | 15.4   | Medicaid Clients (%)            | 24.6   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.7    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 24.9   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 5.9    | 14.2   | 8.6    | Associates Degree or Higher (%) | 13.3   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 6.6    | 5.5   | 3.7  | Physical Inactivity (%)            | 27.2   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 53.6   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 8.2    | 8.4   | 8.2  | Adult Smoking (%)                  | 30.5   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 10.3   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 6.3    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 0.0    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 61.3   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 80.8   | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 197.7  | 161.8 | 168.9 | Diseases of the Heart           | 302.5  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 45.5   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### LIBERTY COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 411.6 | 417.8 | 453.8 | Diabetes (%)                             | 9.2   | 9.2  | 9.1  |
| Brain (Neurological)          | 7.0   | 6.5   | 6.6   | Adult Obesity (%)                        | 29.0  | 29.0 | 25.0 |
| Breast                        | 97.7  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 17.1  | 11.6 | 13.4 |
| Cervix                        | 11.9  | 9.4   | 7.8   | Hypertension (%)                         | 30.0  | 30.0 | 28.2 |
| Digestive System              | 6.7   | 6.8   | 6.6   | Heart Disease (%)                        | 3.2   | 4.0  | 4.4  |
| Colon                         | 39.7  | 41.4  | 43.3  | Disability (%)                           | 11.5  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 6.4   | 11.9  | 13.6  | Poor Physical Health Days                | 3.7   | 3.7  | 2.5  |
| Leukemia                      | 11.7  | 13.3  | 13.2  | Poor Mental Health Days                  | 3.3   | 3.3  | 2.3  |
| Lymphoma                      | 16.3  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 23.1  | 23.1 | 20.7 |
| Oral                          | 12.4  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 105.6 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 82.3  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 9.8   | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 15.3  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 2.6   | 4.6   | 2.9   | Primary/Secondary Syphilis | 2.6   | 5.6   |
| AIDS/HIV                      | 337.0 | 318.6 | 340.4 | Gonorrhea                  | 57.7  | 125.2 |
| Pertussis (Whooping Cough)    | 3.5   | 15.1  | 15.5  | Chlamydia                  | 270.3 | 473.1 |
| Varicella (Chickenpox)        | 4.6   | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 1      | 156   | 3,427 |
| Primary Care Physicians                                     | 42.3  | 70.6 | 74.5 | HPSA Mental Health Care                        | 1      | 120   | 3,060 |
| Specialty Care Physicians                                   | 14.5  | -    | -    | HPSA Dental Care                               | 1      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 100    | 24.3  | 34.1  |
| Nurse Practitioners   | 20.5  | 44.8 | -    | Emergency Dept Visits (%)                      | 29.6   | 32.9  | 44.5  |
| Physician Assistants  | 10.8  | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 108.4  | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 12    | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 21.4   | 16.7  | 15.4  |
| Dentists  | 22.1  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 25.6   | 32.4  | 22.1  |
| Mental Health Providers                                     | 9.8   | 27.2 | -    |  |        |       |       |

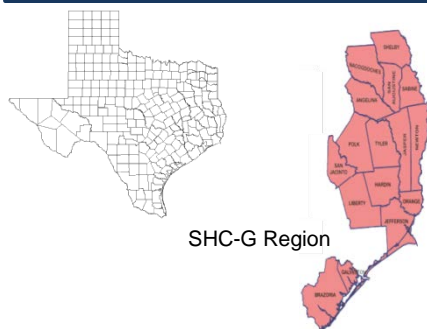
| Facilities & Beds                  |     |
|------------------------------------|-----|
| County                             |     |
| Community Clinics (#)              | 0   |
| Acute Care Beds (#)                | 136 |
| Psychiatric Care Licensed Beds (#) | 0   |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### NACOGDOCHES COUNTY, TEXAS



#### Geography & Population Density

|  |             |
|--|-------------|
| Texas Population                                 | 29,956,958  |
| Nacogdoches Population                           | 65,085      |
| Nacogdoches Population per Square Mile           | 68.8        |
| Nacogdoches Area in Square Miles                 | 946.3       |
| Nacogdoches Population Rank among Texas Counties | 53          |
| Nacogdoches % Urban / Rural                      | 53.5 / 46.5 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 23.4       | 27.0      | 23.7   | Asian/Asian American      | 1.4        | 3.9       | 4.9    |
| 18 – 44 | 42.5       | 38.4      | 36.5   | Black/African American    | 18.5       | 11.8      | 12.6   |
| 45 – 64 | 22.1       | 24.0      | 26.4   | White                     | 76.3       | 74.4      | 74.0   |
| 65 +    | 12.0       | 10.7      | 13.4   | Other                     | 3.8        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 17.9       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 36,775 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 13.5   | 13.1  | 7.5  |
| Unemployed (%)                    | 6.4    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 32.4   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 26.4   | 17.6   | 15.4   | Medicaid Clients (%)            | 23.6   | 21.9  | 20.2 |
| Incarcerated (%)                  | 3.3    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 19.5   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 7.4    | 14.2   | 8.6    | Associates Degree or Higher (%) | 29.0   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 3.8    | 5.5   | 3.7  | Physical Inactivity (%)            | 25.4   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 55.1   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 6.2    | 8.4   | 8.2  | Adult Smoking (%)                  | 22.4   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 23.6   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 6.3    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 9.3    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 54.9   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 56.5   | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 161.2  | 161.8 | 168.9 | Diseases of the Heart           | 155.9  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 69.8   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### NACOGDOCHES COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 449.9 | 417.8 | 453.8 | Diabetes (%)                             | 10.4  | 9.2  | 9.1  |
| Brain (Neurological)          | 0.0   | 6.5   | 6.6   | Adult Obesity (%)                        | 32.6  | 29.0 | 25.0 |
| Breast                        | 95.5  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 8.7   | 11.6 | 13.4 |
| Cervix                        | -     | 9.4   | 7.8   | Hypertension (%)                         | 21.9  | 30.0 | 28.2 |
| Digestive System              | 6.1   | 6.8   | 6.6   | Heart Disease (%)                        | 7.3   | 4.0  | 4.4  |
| Colon                         | 53.6  | 41.4  | 43.3  | Disability (%)                           | 14.3  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 5.9   | 11.9  | 13.6  | Poor Physical Health Days                | 4.0   | 3.7  | 2.5  |
| Leukemia                      | 13.9  | 13.3  | 13.2  | Poor Mental Health Days                  | 5.2   | 3.3  | 2.3  |
| Lymphoma                      | 18.6  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 19.2  | 23.1 | 20.7 |
| Oral                          | 14.0  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 149.9 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 73.4  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 14.0  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 17.3  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 6.1   | 4.6   | 2.9   | Primary/Secondary Syphilis | 12.3  | 5.6   |
| AIDS/HIV                      | 168.4 | 318.6 | 340.4 | Gonorrhea                  | 282.6 | 125.2 |
| Pertussis (Whooping Cough)    | 3.0   | 15.1  | 15.5  | Chlamydia                  | 782.1 | 473.1 |
| Varicella (Chickenpox)        | 1.5   | 6.0   | -     |                            |       |       |

| Health Services & Resources                              |       |      |      | Access & Quality Measures                   |        |       |       |
|--|-------|------|------|---|--------|-------|-------|
| (Rates per 100,000)                                      |       |      |      |   |        |       |       |
| County   | Texas | US   |      | # Facilities w/Shortage                     | County | Texas | US    |
| <u>Providers</u>   |       |      |      | HPSA Primary Care                           | 1      | 156   | 3,427 |
| Primary Care Physicians                                  | 89.3  | 70.6 | 74.5 | HPSA Mental Health Care                     | 1      | 120   | 3,060 |
| Specialty Care Physicians                                | 100.6 | -    | -    | HPSA Dental Care                            | 1      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                               |       |      |      | % Population Living in HPSA                 | 100    | 24.3  | 34.1  |
| Nurse Practitioners                                      | 37.9  | 44.8 | -    | Emergency Dept Visits (%)                   | 75.5   | 32.9  | 44.5  |
| Physician Assistants                                     | 16.0  | 25.5 | -    | Preventable Hosp Stays (Ratio)              | 80.4   | 63.0  | 59.2  |
| EMT/Paramedic Organizations (1 <sup>st</sup> Responders) | 10    | 587  | -    | Diabetics Not Receiving HbA1c Screening (%) | 21.6   | 16.7  | 15.4  |
| Dentists   | 47.5  | 43.5 | 63.2 | No Consistent Source of Primary Care (%)    | 42.4   | 32.4  | 22.1  |
| Mental Health Providers                                  | 25.1  | 27.2 | -    |   |        |       |       |

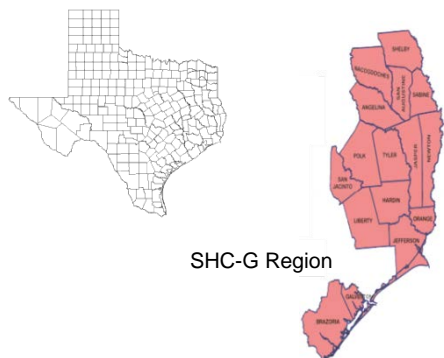
| Facilities & Beds                  |     |
|------------------------------------|-----|
| County                             |     |
| Community Clinics (#)              | 3   |
| Acute Care Beds (#)                | 369 |
| Psychiatric Care Licensed Beds (#) | 0   |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### NEWTON COUNTY, TEXAS



#### Geography & Population Density

|   |            |
|---|------------|
| Texas Population                            | 29,956,958 |
| Newton Population                           | 14,340     |
| Newton Population per Square Mile           | 15.4       |
| Newton Area in Square Miles                 | 933.4      |
| Newton Population Rank among Texas Counties | 145        |
| Newton % Urban / Rural                      | 0 / 100    |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 22.7       | 27.0      | 23.7   | Asian/Asian American      | 0.7        | 3.9       | 4.9    |
| 18 – 44 | 32.6       | 38.4      | 36.5   | Black/African American    | 21.5       | 11.8      | 12.6   |
| 45 – 64 | 28.3       | 24.0      | 26.4   | White                     | 76.1       | 74.4      | 74.0   |
| 65 +    | 16.4       | 10.7      | 13.4   | Other                     | 1.6        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 3.1        | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 38,544 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 12.6   | 13.1  | 7.5  |
| Unemployed (%)                    | 10.7   | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 27.4   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 19.4   | 17.6   | 15.4   | Medicaid Clients (%)            | 26.5   | 21.9  | 20.2 |
| Incarcerated (%)                  | 1.3    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 14.9   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 1.9    | 14.2   | 8.6    | Associates Degree or Higher (%) | 12.7   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 5.7    | 5.5   | 3.7  | Physical Inactivity (%)            | 29.9   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 60.9   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 0.0    | 8.4   | 8.2  | Adult Smoking (%)                  | -      | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 26.4   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 4.2    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 0.0    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | -      | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | -      | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 196.1  | 161.8 | 168.9 | Diseases of the Heart           | 253.0  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | -      | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | 0.0    | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### NEWTON COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |        |       |       | Morbidity<br>Other Measures of Morbidity |        |       |      |
|-------------------------------|--------|-------|-------|--|--------|-------|------|
| (Rates per 100,000)           |        |       |       |  |        |       |      |
|                               | County | Texas | US    |  | County | Texas | US   |
| All Cancer                    | 371.0  | 417.8 | 453.8 | Diabetes (%)                             | 11.0   | 9.2   | 9.1  |
| Brain (Neurological)          | 0.0    | 6.5   | 6.6   | Adult Obesity (%)                        | 30.4   | 29.0  | 25.0 |
| Breast                        | 62.5   | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 31.0   | 11.6  | 13.4 |
| Cervix                        | -      | 9.4   | 7.8   | Hypertension (%)                         | -      | 30.0  | 28.2 |
| Digestive System              | 0.0    | 6.8   | 6.6   | Heart Disease (%)                        | 2.0    | 4.0   | 4.4  |
| Colon                         | -      | 41.4  | 43.3  | Disability (%)                           | 19.0   | 11.5  | 12.1 |
| Endocrine (Thyroid)           | 0.0    | 11.9  | 13.6  | Poor Physical Health Days                | -      | 3.7   | 2.5  |
| Leukemia                      | 0.0    | 13.3  | 13.2  | Poor Mental Health Days                  | -      | 3.3   | 2.3  |
| Lymphoma                      | 0.0    | 18.3  | 19.2  | Inadequate Soc/Emo Support               | -      | 23.1  | 20.7 |
| Oral                          | 0.0    | 10.6  | 11.3  |  |        |       |      |
| Prostate                      | 127.4  | 126.9 | 142.3 |  |        |       |      |
| Respiratory (Lung)            | 65.3   | 59.7  | 64.9  |  |        |       |      |
| Skin (Melanoma)               | 0.0    | 12.9  | 19.9  |  |        |       |      |
| Urinary (Kidney-Renal)        | 0.0    | 18.1  | 16.0  |  |        |       |      |

| Morbidity (Rates per 100,000) |        |       |       |                            |        |       |       |
|-------------------------------|--------|-------|-------|----------------------------|--------|-------|-------|
|                               | County | Texas | US    |                            | County | Texas | US    |
| Tuberculosis                  | -      | 4.6   | 2.9   | Primary/Secondary Syphilis | 21.2   | 5.6   | 5.5   |
| AIDS/HIV                      | 48.6   | 318.6 | 340.4 | Gonorrhea                  | 103.8  | 125.2 | 107.5 |
| Pertussis (Whooping Cough)    | 13.7   | 15.1  | 15.5  | Chlamydia                  | 318.3  | 473.1 | 454.1 |
| Varicella (Chickenpox)        | 0.0    | 6.0   | -     |                            |        |       |       |

| Health Services & Resources                                 |        |       |      | Access & Quality Measures                      |        |       |       |
|---|--------|-------|------|--|--------|-------|-------|
| (Rates per 100,000)   |        |       |      |  |        |       |       |
|   | County | Texas | US   | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |        |       |      | HPSA Primary Care                              | 0      | 156   | 3,427 |
| Primary Care Physicians                                     | 34.9   | 70.6  | 74.5 | HPSA Mental Health Care                        | 0      | 120   | 3,060 |
| Specialty Care Physicians                                   | 0.0    | -     | -    | HPSA Dental Care                               | 0      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |        |       |      | % Population Living in HPSA                    | 100    | 24.3  | 34.1  |
| Nurse Practitioners   | 6.9    | 44.8  | -    | Emergency Dept Visits (%)                      | -      | 32.9  | 44.5  |
| Physician Assistants  | 6.9    | 25.5  | -    | Preventable Hosp Stays (Ratio)                 | 66.4   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 1      | 587   | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 25.8   | 16.7  | 15.4  |
| Dentists  | 0.0    | 43.5  | 63.2 | No Consistent Source of<br>Primary Care (%)    | 40.2   | 32.4  | 22.1  |
| Mental Health Providers                                     | 0.0    | 27.2  | -    |  |        |       |       |

| Facilities & Beds                  |   |
|------------------------------------|---|
| County                             |   |
| Community Clinics (#)              | 0 |
| Acute Care Beds (#)                | 0 |
| Psychiatric Care Licensed Beds (#) | 0 |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

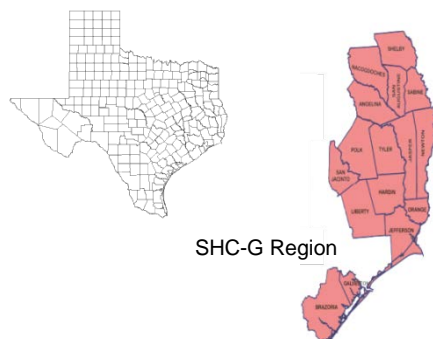
- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.



## SHC-Galveston Community Health Needs Assessment

### ORANGE COUNTY, TEXAS



#### Geography & Population Density

|   |             |
|---|-------------|
| Texas Population                            | 29,956,958  |
| Orange Population                           | 82,372      |
| Orange Population per Square Mile           | 246.9       |
| Orange Area in Square Miles                 | 333.6       |
| Orange Population Rank among Texas Counties | 45          |
| Orange % Urban / Rural                      | 64.8 / 35.2 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 24.8       | 27.0      | 23.7   | Asian/Asian American      | 1.1        | 3.9       | 4.9    |
| 18 – 44 | 33.4       | 38.4      | 36.5   | Black/African American    | 8.3        | 11.8      | 12.6   |
| 45 – 64 | 27.5       | 24.0      | 26.4   | White                     | 87.6       | 74.4      | 74.0   |
| 65 +    | 14.3       | 10.7      | 13.4   | Other                     | 2.9        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 6.2        | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 51,340 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 10.1   | 13.1  | 7.5  |
| Unemployed (%)                    | 10.2   | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 25.3   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 15.1   | 17.6   | 15.4   | Medicaid Clients (%)            | 21.6   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.1    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 13.8   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 1.6    | 14.2   | 8.6    | Associates Degree or Higher (%) | 20.1   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 5.8    | 5.5   | 3.7  | Physical Inactivity (%)            | 28.5   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 65.8   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 10.7   | 8.4   | 8.2  | Adult Smoking (%)                  | 27.9   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 30.2   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 8.1    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 7.3    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 46.7   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 79.9   | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 191.8  | 161.8 | 168.9 | Diseases of the Heart           | 219.3  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 57.0   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### ORANGE COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 494.3 | 417.8 | 453.8 | Diabetes (%)                             | 8.6   | 9.2  | 9.1  |
| Brain (Neurological)          | 8.6   | 6.5   | 6.6   | Adult Obesity (%)                        | 30.8  | 29.0 | 25.0 |
| Breast                        | 120.9 | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 11.5  | 11.6 | 13.4 |
| Cervix                        | 18.3  | 9.4   | 7.8   | Hypertension (%)                         | 30.2  | 30.0 | 28.2 |
| Digestive System              | 6.2   | 6.8   | 6.6   | Heart Disease (%)                        | 9.5   | 4.0  | 4.4  |
| Colon                         | 51.1  | 41.4  | 43.3  | Disability (%)                           | 18.3  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 13.1  | 11.9  | 13.6  | Poor Physical Health Days                | 3.6   | 3.7  | 2.5  |
| Leukemia                      | 18.3  | 13.3  | 13.2  | Poor Mental Health Days                  | 5.4   | 3.3  | 2.3  |
| Lymphoma                      | 22.7  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 23.2  | 23.1 | 20.7 |
| Oral                          | 14.4  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 113.8 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 91.9  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 17.7  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 21.7  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |       |
| Tuberculosis                  | 1.2   | 4.6   | 2.9   | Primary/Secondary Syphilis | 8.4   | 5.6   | 5.5   |
| AIDS/HIV                      | 114.9 | 318.6 | 340.4 | Gonorrhea                  | 59.4  | 125.2 | 107.5 |
| Pertussis (Whooping Cough)    | 1.2   | 15.1  | 15.5  | Chlamydia                  | 287.3 | 473.1 | 454.1 |
| Varicella (Chickenpox)        | 1.2   | 6.0   | -     |                            |       |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 1      | 156   | 3,427 |
| Primary Care Physicians                                     | 26.3  | 70.6 | 74.5 | HPSA Mental Health Care                        | 0      | 120   | 3,060 |
| Specialty Care Physicians                                   | 12.9  | -    | -    | HPSA Dental Care                               | 0      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 100    | 24.3  | 34.1  |
| Nurse Practitioners   | 27.0  | 44.8 | -    | Emergency Dept Visits (%)                      | 21.9   | 32.9  | 44.5  |
| Physician Assistants  | 2.4   | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 80.8   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 5     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 18.8   | 16.7  | 15.4  |
| Dentists  | 26.5  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 14.9   | 32.4  | 22.1  |
| Mental Health Providers                                     | 3.6   | 27.2 | -    |  |        |       |       |

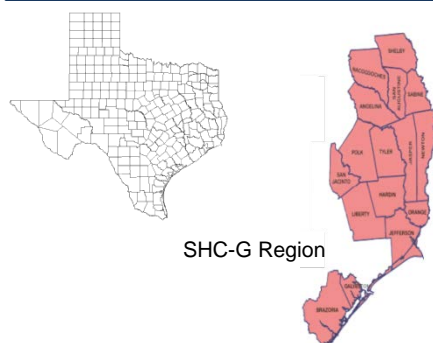
| Facilities & Beds                  |     |  |  |
|------------------------------------|-----|--|--|
| County                             |     |  |  |
| Community Clinics (#)              | 2   |  |  |
| Acute Care Beds (#)                | 112 |  |  |
| Psychiatric Care Licensed Beds (#) | 0   |  |  |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### POLK COUNTY, TEXAS



#### Geography & Population Density

|   |             |
|---|-------------|
| Texas Population                          | 29,956,958  |
| Polk Population                           | 45,620      |
| Polk Population per Square Mile           | 43.2        |
| Polk Area in Square Miles                 | 1,056.8     |
| Polk Population Rank among Texas Counties | 71          |
| Polk % Urban / Rural                      | 22.4 / 77.6 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 20.9       | 27.0      | 23.7   | Asian/Asian American      | 0.6        | 3.9       | 4.9    |
| 18 – 44 | 31.3       | 38.4      | 36.5   | Black/African American    | 11.4       | 11.8      | 12.6   |
| 45 – 64 | 28.5       | 24.0      | 26.4   | White                     | 82.8       | 74.4      | 74.0   |
| 65 +    | 19.3       | 10.7      | 13.4   | Other                     | 5.2        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 13.5       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 39,833 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 15.3   | 13.1  | 7.5  |
| Unemployed (%)                    | 7.7    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 31.7   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 18.3   | 17.6   | 15.4   | Medicaid Clients (%)            | 26.1   | 21.9  | 20.2 |
| Incarcerated (%)                  | 3.4    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 23.1   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 5.2    | 14.2   | 8.6    | Associates Degree or Higher (%) | 16.2   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 7.5    | 5.5   | 3.7  | Physical Inactivity (%)            | 28.3   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 53.2   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 6.1    | 8.4   | 8.2  | Adult Smoking (%)                  | 27.8   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 10.8   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 12.0   | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 2.2    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | 42.1   | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | 52.8   | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 202.6  | 161.8 | 168.9 | Diseases of the Heart           | 218.3  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | 41.2   | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### POLK COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 540.1 | 417.8 | 453.8 | Diabetes (%)                             | 9.7   | 9.2  | 9.1  |
| Brain (Neurological)          | 8.1   | 6.5   | 6.6   | Adult Obesity (%)                        | 33.9  | 29.0 | 25.0 |
| Breast                        | 111.7 | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 22.1  | 11.6 | 13.4 |
| Cervix                        | 14.7  | 9.4   | 7.8   | Hypertension (%)                         | 29.4  | 30.0 | 28.2 |
| Digestive System              | 8.6   | 6.8   | 6.6   | Heart Disease (%)                        | 1.5   | 4.0  | 4.4  |
| Colon                         | 47.3  | 41.4  | 43.3  | Disability (%)                           | 24.9  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 8.6   | 11.9  | 13.6  | Poor Physical Health Days                | 5.1   | 3.7  | 2.5  |
| Leukemia                      | 17.1  | 13.3  | 13.2  | Poor Mental Health Days                  | 4.6   | 3.3  | 2.3  |
| Lymphoma                      | 18.1  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 23.2  | 23.1 | 20.7 |
| Oral                          | 15.3  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 175.6 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 102.5 | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 19.9  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 22.6  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |       |
| Tuberculosis                  | 0.0   | 4.6   | 2.9   | Primary/Secondary Syphilis | 17.4  | 5.6   | 5.5   |
| AIDS/HIV                      | 163.1 | 318.6 | 340.4 | Gonorrhea                  | 45.9  | 125.2 | 107.5 |
| Pertussis (Whooping Cough)    | 0.0   | 15.1  | 15.5  | Chlamydia                  | 284.3 | 473.1 | 454.1 |
| Varicella (Chickenpox)        | 11.2  | 6.0   | -     |                            |       |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |            |             |             |
|---|-------|------|------|--|------------|-------------|-------------|
| (Rates per 100,000)   |       |      |      |  |            |             |             |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County     | Texas       | US          |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 1          | 156         | 3,427       |
| Primary Care Physicians                                     | 48.6  | 70.6 | 74.5 | HPSA Mental Health Care                        | 0          | 120         | 3,060       |
| Specialty Care Physicians                                   | 28.8  | -    | -    | HPSA Dental Care                               | 0          | 124         | 2,915       |
| <u>Mid-Level Providers</u>                                  |       |      |      | <b>% Population Living in HPSA</b>             | <b>100</b> | <b>24.3</b> | <b>34.1</b> |
| Nurse Practitioners   | 22.6  | 44.8 | -    | Emergency Dept Visits (%)                      | 46.4       | 32.9        | 44.5        |
| Physician Assistants  | 14.4  | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 64.2       | 63.0        | 59.2        |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 4     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 17.7       | 16.7        | 15.4        |
| Dentists  | 26.2  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 19.9       | 32.4        | 22.1        |
| Mental Health Providers                                     | 4.2   | 27.2 | -    |  |            |             |             |

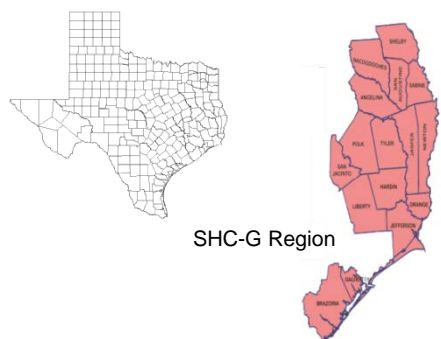
| Facilities & Beds                  |    |  |  |
|------------------------------------|----|--|--|
| County                             |    |  |  |
| Community Clinics (#)              | 0  |  |  |
| Acute Care Beds (#)                | 66 |  |  |
| Psychiatric Care Licensed Beds (#) | 0  |  |  |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### SABINE COUNTY, TEXAS



#### Geography & Population Density

|   |            |
|---|------------|
| Texas Population                            | 29,956,958 |
| Sabine Population                           | 10,604     |
| Sabine Population per Square Mile           | 21.6       |
| Sabine Area in Square Miles                 | 491.3      |
| Sabine Population Rank among Texas Counties | 167        |
| Sabine % Urban / Rural                      | 0 / 100    |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 19.2       | 27.0      | 23.7   | Asian/Asian American      | 0.2        | 3.9       | 4.9    |
| 18 – 44 | 23.7       | 38.4      | 36.5   | Black/African American    | 8.6        | 11.8      | 12.6   |
| 45 – 64 | 30.2       | 24.0      | 26.4   | White                     | 90.3       | 74.4      | 74.0   |
| 65 +    | 26.9       | 10.7      | 13.4   | Other                     | 0.8        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 3.4        | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 37,576 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 14.1   | 13.1  | 7.5  |
| Unemployed (%)                    | 12.8   | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 29.5   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 18.0   | 17.6   | 15.4   | Medicaid Clients (%)            | 23.4   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.1    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 19.7   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 1.6    | 14.2   | 8.6    | Associates Degree or Higher (%) | 16.5   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 6.5    | 5.5   | 3.7  | Physical Inactivity (%)            | 27.4   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 51.6   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 0.0    | 8.4   | 8.2  | Adult Smoking (%)                  | -      | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 26.0   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 9.9    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 0.0    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | -      | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | -      | 42.6  | 42.2  |
| Assaults (Homicide)           | 0.0    | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 200.2  | 161.8 | 168.9 | Diseases of the Heart           | 233.6  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | -      | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### SABINE COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 440.9 | 417.8 | 453.8 | Diabetes (%)                             | 10.0  | 9.2  | 9.1  |
| Brain (Neurological)          | 0.0   | 6.5   | 6.6   | Adult Obesity (%)                        | 29.2  | 29.0 | 25.0 |
| Breast                        | 82.1  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | -     | 11.6 | 13.4 |
| Cervix                        | -     | 9.4   | 7.8   | Hypertension (%)                         | -     | 30.0 | 28.2 |
| Digestive System              | 0.0   | 6.8   | 6.6   | Heart Disease (%)                        | -     | 4.0  | 4.4  |
| Colon                         | 27.6  | 41.4  | 43.3  | Disability (%)                           | 24.8  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 0.0   | 11.9  | 13.6  | Poor Physical Health Days                | 5.5   | 3.7  | 2.5  |
| Leukemia                      | 0.0   | 13.3  | 13.2  | Poor Mental Health Days                  | -     | 3.3  | 2.3  |
| Lymphoma                      | 20.6  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | -     | 23.1 | 20.7 |
| Oral                          | 0.0   | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 127.0 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 77.3  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 25.1  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 0.0   | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 0.0   | 4.6   | 2.9   | Primary/Secondary Syphilis | 0.0   | 5.6   |
| AIDS/HIV                      | 102.0 | 318.6 | 340.4 | Gonorrhea                  | 9.3   | 125.2 |
| Pertussis (Whooping Cough)    | 0.0   | 15.1  | 15.5  | Chlamydia                  | 242.1 | 473.1 |
| Varicella (Chickenpox)        | 9.2   | 6.0   | -     |                            |       |       |

| Health Services & Resources                              |       |      |      | Access & Quality Measures                   |        |       |       |
|--|-------|------|------|---|--------|-------|-------|
| (Rates per 100,000)                                      |       |      |      |   |        |       |       |
| County   | Texas | US   |      | # Facilities w/Shortage                     | County | Texas | US    |
| <u>Providers</u>   |       |      |      | HPSA Primary Care                           | 2      | 156   | 3,427 |
| Primary Care Physicians                                  | 17.9  | 70.6 | 74.5 | HPSA Mental Health Care                     | 0      | 120   | 3,060 |
| Specialty Care Physicians                                | 8.7   | -    | -    | HPSA Dental Care                            | 0      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                               |       |      |      | % Population Living in HPSA                 | 100    | 24.3  | 34.1  |
| Nurse Practitioners                                      | 17.4  | 44.8 | -    | Emergency Dept Visits (%)                   | 33.9   | 32.9  | 44.5  |
| Physician Assistants                                     | 17.4  | 25.5 | -    | Preventable Hosp Stays (Ratio)              | 104.4  | 63.0  | 59.2  |
| EMT/Paramedic Organizations (1 <sup>st</sup> Responders) | 5     | 587  | -    | Diabetics Not Receiving HbA1c Screening (%) | 26.4   | 16.7  | 15.4  |
| Dentists   | 38.6  | 43.5 | 63.2 | No Consistent Source of Primary Care (%)    | -      | 32.4  | 22.1  |
| Mental Health Providers                                  | 0.0   | 27.2 | -    |   |        |       |       |

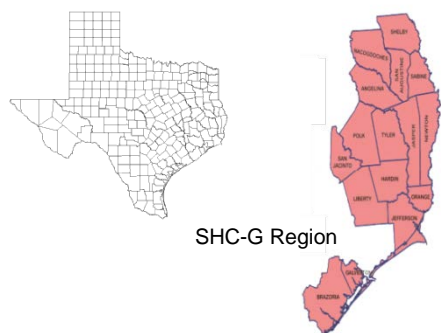
| Facilities & Beds                  |    |
|------------------------------------|----|
| County                             |    |
| Community Clinics (#)              | 0  |
| Acute Care Beds (#)                | 25 |
| Psychiatric Care Licensed Beds (#) | 0  |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### SAN AUGUSTINE COUNTY, TEXAS



#### Geography & Population Density

|  |            |
|--|------------|
| Texas Population                                   | 29,956,958 |
| San Augustine Population                           | 8,855      |
| San Augustine Population per Square Mile           | 16.7       |
| San Augustine Area in Square Miles                 | 530.5      |
| San Augustine Population Rank among Texas Counties | 176        |
| San Augustine % Urban / Rural                      | 0 / 100    |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 21.0       | 27.0      | 23.7   | Asian/Asian American      | 0.03       | 3.9       | 4.9    |
| 18 – 44 | 25.7       | 38.4      | 36.5   | Black/African American    | 23.3       | 11.8      | 12.6   |
| 45 – 64 | 29.4       | 24.0      | 26.4   | White                     | 74.7       | 74.4      | 74.0   |
| 65 +    | 23.9       | 10.7      | 13.4   | Other                     | 2.0        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 6.3        | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 32,140 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 12.9   | 13.1  | 7.5  |
| Unemployed (%)                    | 11.5   | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 29.7   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 23.4   | 17.6   | 15.4   | Medicaid Clients (%)            | 33.5   | 21.9  | 20.2 |
| Incarcerated (%)                  | 1.4    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 22.8   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 1.2    | 14.2   | 8.6    | Associates Degree or Higher (%) | 19.5   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 7.1    | 5.5   | 3.7  | Physical Inactivity (%)            | 27.3   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 57.7   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 0.0    | 8.4   | 8.2  | Adult Smoking (%)                  | -      | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 35.7   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 7.8    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 0.0    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | -      | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | -      | 42.6  | 42.2  |
| Assaults (Homicide)           | 0.0    | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 149.4  | 161.8 | 168.9 | Diseases of the Heart           | 202.9  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | -      | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | 0.0    | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### SAN AUGUSTINE COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 376.1 | 417.8 | 453.8 | Diabetes (%)                             | 10.5  | 9.2  | 9.1  |
| Brain (Neurological)          | 0.0   | 6.5   | 6.6   | Adult Obesity (%)                        | 33.9  | 29.0 | 25.0 |
| Breast                        | 70.9  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | -     | 11.6 | 13.4 |
| Cervix                        | -     | 9.4   | 7.8   | Hypertension (%)                         | -     | 30.0 | 28.2 |
| Digestive System              | 0.0   | 6.8   | 6.6   | Heart Disease (%)                        | -     | 4.0  | 4.4  |
| Colon                         | 48.2  | 41.4  | 43.3  | Disability (%)                           | 27.4  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 0.0   | 11.9  | 13.6  | Poor Physical Health Days                | -     | 3.7  | 2.5  |
| Leukemia                      | 0.0   | 13.3  | 13.2  | Poor Mental Health Days                  | -     | 3.3  | 2.3  |
| Lymphoma                      | 0.0   | 18.3  | 19.2  | Inadequate Soc/Emo Support               | -     | 23.1 | 20.7 |
| Oral                          | 0.0   | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 143.7 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 61.8  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 0.0   | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 0.0   | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 0.0   | 4.6   | 2.9   | Primary/Secondary Syphilis | 0.0   | 5.6   |
| AIDS/HIV                      | 130.5 | 318.6 | 340.4 | Gonorrhea                  | 169.0 | 125.2 |
| Pertussis (Whooping Cough)    | 0.0   | 15.1  | 15.5  | Chlamydia                  | 349.3 | 473.1 |
| Varicella (Chickenpox)        | 10.2  | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 0      | 156   | 3,427 |
| Primary Care Physicians                                     | 33.2  | 70.6 | 74.5 | HPSA Mental Health Care                        | 0      | 120   | 3,060 |
| Specialty Care Physicians                                   | 10.9  | -    | -    | HPSA Dental Care                               | 0      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 100    | 24.3  | 34.1  |
| Nurse Practitioners   | 43.7  | 44.8 | -    | Emergency Dept Visits (%)                      | 58.8   | 32.9  | 44.5  |
| Physician Assistants  | 0.0   | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 85.7   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 0     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 20.7   | 16.7  | 15.4  |
| Dentists  | 45.6  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | -      | 32.4  | 22.1  |
| Mental Health Providers                                     | 11.0  | 27.2 | -    |  |        |       |       |

| Facilities & Beds                  |    |
|------------------------------------|----|
| County                             |    |
| Community Clinics (#)              | 0  |
| Acute Care Beds (#)                | 18 |
| Psychiatric Care Licensed Beds (#) | 0  |

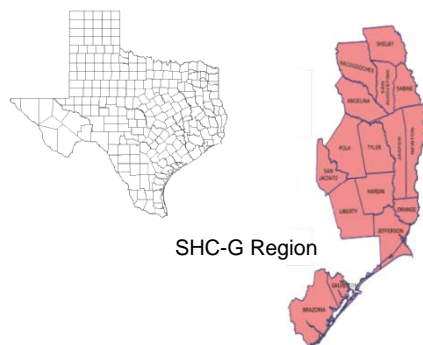
- = Data Not Available or Data Suppressed

Data Source [www.communitycommons.org](http://www.communitycommons.org) and  
[www.texashealthfacts](http://www.texashealthfacts) accessed 2015.



## SHC-Galveston Community Health Needs Assessment

### SAN JACINTO COUNTY, TEXAS



#### Geography & Population Density

|  |            |
|--|------------|
| Texas Population                                 | 29,956,958 |
| San Jacinto Population                           | 26,669     |
| San Jacinto Population per Square Mile           | 46.9       |
| San Jacinto Area in Square Miles                 | 569.1      |
| San Jacinto Population Rank among Texas Counties | 99         |
| San Jacinto % Urban / Rural                      | 0 / 100    |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 23.7       | 27.0      | 23.7   | Asian/Asian American      | 0.6        | 3.9       | 4.9    |
| 18 – 44 | 28.3       | 38.4      | 36.5   | Black/African American    | 11.6       | 11.8      | 12.6   |
| 45 – 64 | 29.9       | 24.0      | 26.4   | White                     | 86.3       | 74.4      | 74.0   |
| 65 +    | 18.1       | 10.7      | 13.4   | Other                     | 1.5        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 11.2       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 42,320 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 15.8   | 13.1  | 7.5  |
| Unemployed (%)                    | 7.5    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 32.2   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 22.8   | 17.6   | 15.4   | Medicaid Clients (%)            | 23.9   | 21.9  | 20.2 |
| Incarcerated (%)                  | 2.5    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 21.1   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 2.3    | 14.2   | 8.6    | Associates Degree or Higher (%) | 15.2   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 5.9    | 5.5   | 3.7  | Physical Inactivity (%)            | 28.8   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 55.8   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 7.7    | 8.4   | 8.2  | Adult Smoking (%)                  | -      | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 1.9    | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 6.2    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 0.0    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | -      | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | -      | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 193.4  | 161.8 | 168.9 | Diseases of the Heart           | 190.2  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | -      | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### SAN JACINTO COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |        |       |       | Morbidity<br>Other Measures of Morbidity |        |       |      |
|-------------------------------|--------|-------|-------|--|--------|-------|------|
| (Rates per 100,000)           |        |       |       |  |        |       |      |
|                               | County | Texas | US    |  | County | Texas | US   |
| All Cancer                    | 479.1  | 417.8 | 453.8 | Diabetes (%)                             | 10.4   | 9.2   | 9.1  |
| Brain (Neurological)          | 0.0    | 6.5   | 6.6   | Adult Obesity (%)                        | 30.6   | 29.0  | 25.0 |
| Breast                        | 105.2  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 34.0   | 11.6  | 13.4 |
| Cervix                        | -      | 9.4   | 7.8   | Hypertension (%)                         | -      | 30.0  | 28.2 |
| Digestive System              | 9.8    | 6.8   | 6.6   | Heart Disease (%)                        | -      | 4.0   | 4.4  |
| Colon                         | 46.3   | 41.4  | 43.3  | Disability (%)                           | 17.5   | 11.5  | 12.1 |
| Endocrine (Thyroid)           | 0.0    | 11.9  | 13.6  | Poor Physical Health Days                | -      | 3.7   | 2.5  |
| Leukemia                      | 14.9   | 13.3  | 13.2  | Poor Mental Health Days                  | -      | 3.3   | 2.3  |
| Lymphoma                      | 15.9   | 18.3  | 19.2  | Inadequate Soc/Emo Support               | -      | 23.1  | 20.7 |
| Oral                          | 11.4   | 10.6  | 11.3  |  |        |       |      |
| Prostate                      | 100.0  | 126.9 | 142.3 |  |        |       |      |
| Respiratory (Lung)            | 92.4   | 59.7  | 64.9  |  |        |       |      |
| Skin (Melanoma)               | 16.1   | 12.9  | 19.9  |  |        |       |      |
| Urinary (Kidney-Renal)        | 23.1   | 18.1  | 16.0  |  |        |       |      |

| Morbidity (Rates per 100,000) |        |       |       |                            |        |       |       |
|-------------------------------|--------|-------|-------|----------------------------|--------|-------|-------|
|                               | County | Texas | US    |                            | County | Texas | US    |
| Tuberculosis                  | 0.0    | 4.6   | 2.9   | Primary/Secondary Syphilis | 7.4    | 5.6   | 5.5   |
| AIDS/HIV                      | 103.2  | 318.6 | 340.4 | Gonorrhea                  | 29.8   | 125.2 | 107.5 |
| Pertussis (Whooping Cough)    | 0.0    | 15.1  | 15.5  | Chlamydia                  | 231.3  | 473.1 | 454.1 |
| Varicella (Chickenpox)        | 3.3    | 6.0   | -     |                            |        |       |       |

| Health Services & Resources                                 |        |       |      | Access & Quality Measures                      |        |       |       |
|---|--------|-------|------|--|--------|-------|-------|
| (Rates per 100,000)   |        |       |      |  |        |       |       |
|   | County | Texas | US   | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |        |       |      | HPSA Primary Care                              | 0      | 156   | 3,427 |
| Primary Care Physicians                                     | 10.6   | 70.6  | 74.5 | HPSA Mental Health Care                        | 0      | 120   | 3,060 |
| Specialty Care Physicians                                   | 0.0    | -     | -    | HPSA Dental Care                               | 0      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |        |       |      | % Population Living in HPSA                    | 100    | 24.3  | 34.1  |
| Nurse Practitioners   | 3.4    | 44.8  | -    | Emergency Dept Visits (%)                      | -      | 32.9  | 44.5  |
| Physician Assistants  | 3.4    | 25.5  | -    | Preventable Hosp Stays (Ratio)                 | 93.7   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 1      | 587   | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 20.0   | 16.7  | 15.4  |
| Dentists  | 3.7    | 43.5  | 63.2 | No Consistent Source of<br>Primary Care (%)    | -      | 32.4  | 22.1  |
| Mental Health Providers                                     | 6.9    | 27.2  | -    |  |        |       |       |

| Facilities & Beds                  |   |
|------------------------------------|---|
| County                             |   |
| Community Clinics (#)              | 0 |
| Acute Care Beds (#)                | 0 |
| Psychiatric Care Licensed Beds (#) | 0 |

- = Data Not Available or Data Suppressed

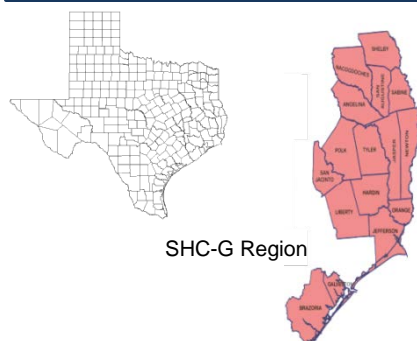
Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment

### SHELBY COUNTY, TEXAS



#### Geography & Population Density

|   |             |
|---|-------------|
| Texas Population                            | 29,956,958  |
| Shelby Population                           | 25,677      |
| Shelby Population per Square Mile           | 32.3        |
| Shelby Area in Square Miles                 | 795.4       |
| Shelby Population Rank among Texas Counties | 101         |
| Shelby % Urban / Rural                      | 20.6 / 79.4 |

#### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 26.5       | 27.0      | 23.7   | Asian/Asian American      | 0.3        | 3.9       | 4.9    |
| 18 – 44 | 32.5       | 38.4      | 36.5   | Black/African American    | 17.1       | 11.8      | 12.6   |
| 45 – 64 | 25.4       | 24.0      | 26.4   | White                     | 79.0       | 74.4      | 74.0   |
| 65 +    | 15.5       | 10.7      | 13.4   | Other                     | 3.6        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 16.8       | 38.6      | 17.4   |

#### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 36,565 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 17.8   | 13.1  | 7.5  |
| Unemployed (%)                    | 7.3    | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 35.8   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 21.0   | 17.6   | 15.4   | Medicaid Clients (%)            | 26.1   | 21.9  | 20.2 |
| Incarcerated (%)                  | 1.8    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 22.5   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 7.4    | 14.2   | 8.6    | Associates Degree or Higher (%) | 17.2   | 33.1  | 36.7 |

#### Natality

#### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 7.9    | 5.5   | 3.7  | Physical Inactivity (%)            | 26.8   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 54.7   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 6.1    | 8.4   | 8.2  | Adult Smoking (%)                  | 21.2   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 18.1   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 6.9    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 7.9    | 7.7   | 9.7  |

#### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | -      | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | -      | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 157.7  | 161.8 | 168.9 | Diseases of the Heart           | 307.5  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | -      | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### SHELBY COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 411.6 | 417.8 | 453.8 | Diabetes (%)                             | 10.3  | 9.2  | 9.1  |
| Brain (Neurological)          | 0.0   | 6.5   | 6.6   | Adult Obesity (%)                        | 34.5  | 29.0 | 25.0 |
| Breast                        | 74.3  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 2.9   | 11.6 | 13.4 |
| Cervix                        | -     | 9.4   | 7.8   | Hypertension (%)                         | 35.5  | 30.0 | 28.2 |
| Digestive System              | 0.0   | 6.8   | 6.6   | Heart Disease (%)                        | 3.1   | 4.0  | 4.4  |
| Colon                         | 61.0  | 41.4  | 43.3  | Disability (%)                           | 17.0  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 0.0   | 11.9  | 13.6  | Poor Physical Health Days                | 2.7   | 3.7  | 2.5  |
| Leukemia                      | 0.0   | 13.3  | 13.2  | Poor Mental Health Days                  | 3.9   | 3.3  | 2.3  |
| Lymphoma                      | 13.9  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 12.2  | 23.1 | 20.7 |
| Oral                          | 13.9  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 123.7 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 71.4  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 14.9  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 17.8  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 3.9   | 4.6   | 2.9   | Primary/Secondary Syphilis | 11.8  | 5.6   |
| AIDS/HIV                      | 163.7 | 318.6 | 340.4 | Gonorrhea                  | 93.1  | 125.2 |
| Pertussis (Whooping Cough)    | 3.7   | 15.1  | 15.5  | Chlamydia                  | 391.9 | 473.1 |
| Varicella (Chickenpox)        | 0.0   | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 2      | 156   | 3,427 |
| Primary Care Physicians                                     | 22.9  | 70.6 | 74.5 | HPSA Mental Health Care                        | 1      | 120   | 3,060 |
| Specialty Care Physicians                                   | 0.0   | -    | -    | HPSA Dental Care                               | 1      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 100    | 24.3  | 34.1  |
| Nurse Practitioners   | 25.9  | 44.8 | -    | Emergency Dept Visits (%)                      | 34.2   | 32.9  | 44.5  |
| Physician Assistants  | 7.4   | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 94.6   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 0     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 18.9   | 16.7  | 15.4  |
| Dentists  | 31.0  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 39.4   | 32.4  | 22.1  |
| Mental Health Providers                                     | 7.5   | 27.2 | -    |  |        |       |       |

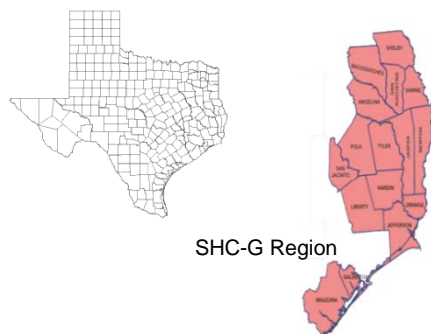
  

| Facilities & Beds                  |    |
|------------------------------------|----|
| County                             |    |
| Community Clinics (#)              | 0  |
| Acute Care Beds (#)                | 54 |
| Psychiatric Care Licensed Beds (#) | 0  |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org)  
and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## SHC-Galveston Community Health Needs Assessment TYLER COUNTY, TEXAS



### Geography & Population Density

|  |             |
|--|-------------|
| Texas Population                           | 29,956,958  |
| Tyler Population                           | 21,619      |
| Tyler Population per Square Mile           | 23.4        |
| Tyler Area in Square Miles                 | 924.3       |
| Tyler Population Rank among Texas Counties | 114         |
| Tyler % Urban / Rural                      | 21.9 / 78.1 |

### Demography / Population

| Age     | County (%) | Texas (%) | US (%) | Race/Ethnicity            | County (%) | Texas (%) | US (%) |
|---------|------------|-----------|--------|---------------------------|------------|-----------|--------|
| 0 – 17  | 19.9       | 27.0      | 23.7   | Asian/Asian American      | 0.04       | 3.9       | 4.9    |
| 18 – 44 | 33.1       | 38.4      | 36.5   | Black/African American    | 11.0       | 11.8      | 12.6   |
| 45 – 64 | 27.5       | 24.0      | 26.4   | White                     | 84.9       | 74.4      | 74.0   |
| 65 +    | 19.5       | 10.7      | 13.4   | Other                     | 4.1        | 9.8       | 8.5    |
|         |            |           |        | Hispanic (of any descent) | 7.1        | 38.6      | 17.4   |

### Socioeconomic Indicators

|                                   | County | Texas  | US     |                                 | County | Texas | US   |
|-----------------------------------|--------|--------|--------|---------------------------------|--------|-------|------|
| Median Household Income (\$)      | 40,986 | 51,900 | 52,250 | Uninsured 0-18 Years (%)        | 13.1   | 13.1  | 7.5  |
| Unemployed (%)                    | 10.1   | 6.3    | 6.6    | Uninsured 19-64 Years (%)       | 28.9   | 30.4  | 20.6 |
| Living at/below Poverty Level (%) | 20.9   | 17.6   | 15.4   | Medicaid Clients (%)            | 25.0   | 21.9  | 20.2 |
| Incarcerated (%)                  | 1.3    | 2.2    | 2.9    | Did Not Comp. High School (%)   | 17.2   | 18.8  | 14.0 |
| Not Proficient in English (%)     | 1.6    | 14.2   | 8.6    | Associates Degree or Higher (%) | 18.3   | 33.1  | 36.7 |

### Natality

### Health Environment & Behaviors

|  | County | Texas | US   |                                    | County | Texas | US   |
|--|--------|-------|------|------------------------------------|--------|-------|------|
| Births to Teen Mothers (%)                   | 6.8    | 5.5   | 3.7  | Physical Inactivity (%)            | 29.5   | 24.0  | 22.6 |
| Prenatal Care in 1 <sup>st</sup> Tri. (Rate) | 61.4   | 62.5  | 82.7 | Excessive Drinking (%)             | -      | 15.8  | 16.9 |
| Low Birth Weight Births (Rate)               | 0.0    | 8.4   | 8.2  | Adult Smoking (%)                  | 20.9   | 16.5  | 18.1 |
| Pre-term Births (Rate)                       | -      | 12.3  | 11.4 | Limited Access to Healthy Food (%) | 44.3   | 30.4  | 23.6 |
| Infant Mortality (Rate)                      | 6.0    | 6.2   | 6.5  | Availability of Rec. Fac. (Rate)   | 0.0    | 7.7   | 9.7  |

### Mortality (Rates per 100,000)

|                               | County | Texas | US    |                                 | County | Texas | US    |
|-------------------------------|--------|-------|-------|---------------------------------|--------|-------|-------|
| Accidents                     | -      | 36.8  | 38.6  | Chronic Lower Resp. Dis.        | -      | 42.6  | 42.2  |
| Assaults (Homicide)           | -      | 5.3   | 5.3   | Diabetes Mellitus               | -      | 21.6  | 23.9  |
| Cancer (All)                  | 183.4  | 161.8 | 168.9 | Diseases of the Heart           | 223.5  | 175.7 | 175.0 |
| Cerebrovascular (Stroke)      | -      | 42.6  | 37.9  | Intentional Self Harm (Suicide) | -      | 11.7  | 12.3  |
| Chronic Liver Dis & Cirrhosis | -      | 13.0  | 10.2  |                                 |        |       |       |

## SHC-Galveston Community Health Needs Assessment

### TYLER COUNTY, TEXAS

| Morbidity<br>Cancer Incidence |       |       |       | Morbidity<br>Other Measures of Morbidity |       |      |      |
|-------------------------------|-------|-------|-------|--|-------|------|------|
| (Rates per 100,000)           |       |       |       |  |       |      |      |
| County                        | Texas | US    |       | County                                   | Texas | US   |      |
| All Cancer                    | 400.2 | 417.8 | 453.8 | Diabetes (%)                             | 10.0  | 9.2  | 9.1  |
| Brain (Neurological)          | 0.0   | 6.5   | 6.6   | Adult Obesity (%)                        | 33.1  | 29.0 | 25.0 |
| Breast                        | 85.3  | 113.7 | 122.7 | Asthma/Resp Disease (%)                  | 13.0  | 11.6 | 13.4 |
| Cervix                        | -     | 9.4   | 7.8   | Hypertension (%)                         | 46.1  | 30.0 | 28.2 |
| Digestive System              | 0.0   | 6.8   | 6.6   | Heart Disease (%)                        | 2.5   | 4.0  | 4.4  |
| Colon                         | 38.5  | 41.4  | 43.3  | Disability (%)                           | 23.2  | 11.5 | 12.1 |
| Endocrine (Thyroid)           | 0.0   | 11.9  | 13.6  | Poor Physical Health Days                | 5.4   | 3.7  | 2.5  |
| Leukemia                      | 0.0   | 13.3  | 13.2  | Poor Mental Health Days                  | -     | 3.3  | 2.3  |
| Lymphoma                      | 15.7  | 18.3  | 19.2  | Inadequate Soc/Emo Support               | 14.9  | 23.1 | 20.7 |
| Oral                          | 12.4  | 10.6  | 11.3  |  |       |      |      |
| Prostate                      | 124.9 | 126.9 | 142.3 |  |       |      |      |
| Respiratory (Lung)            | 71.9  | 59.7  | 64.9  |  |       |      |      |
| Skin (Melanoma)               | 13.3  | 12.9  | 19.9  |  |       |      |      |
| Urinary (Kidney-Renal)        | 12.6  | 18.1  | 16.0  |  |       |      |      |

| Morbidity (Rates per 100,000) |       |       |       |                            |       |       |
|-------------------------------|-------|-------|-------|----------------------------|-------|-------|
| County                        | Texas | US    |       | County                     | Texas | US    |
| Tuberculosis                  | 0.0   | 4.6   | 2.9   | Primary/Secondary Syphilis | 0.0   | 5.6   |
| AIDS/HIV                      | 137.1 | 318.6 | 340.4 | Gonorrhea                  | 27.7  | 125.2 |
| Pertussis (Whooping Cough)    | 0.0   | 15.1  | 15.5  | Chlamydia                  | 258.5 | 473.1 |
| Varicella (Chickenpox)        | 0.0   | 6.0   | -     |                            |       |       |

| Health Services & Resources                                 |       |      |      | Access & Quality Measures                      |        |       |       |
|---|-------|------|------|--|--------|-------|-------|
| (Rates per 100,000)   |       |      |      |  |        |       |       |
| County  | Texas | US   |      | # Facilities w/Shortage                        | County | Texas | US    |
| <u>Providers</u>  |       |      |      | HPSA Primary Care                              | 0      | 156   | 3,427 |
| Primary Care Physicians                                     | 36.1  | 70.6 | 74.5 | HPSA Mental Health Care                        | 0      | 120   | 3,060 |
| Specialty Care Physicians                                   | 9.0   | -    | -    | HPSA Dental Care                               | 0      | 124   | 2,915 |
| <u>Mid-Level Providers</u>                                  |       |      |      | % Population Living in HPSA                    | 100    | 24.3  | 34.1  |
| Nurse Practitioners   | 18.0  | 44.8 | -    | Emergency Dept Visits (%)                      | 54.0   | 32.9  | 44.5  |
| Physician Assistants  | 4.5   | 25.5 | -    | Preventable Hosp Stays (Ratio)                 | 87.8   | 63.0  | 59.2  |
| EMT/Paramedic Organizations<br>(1 <sup>st</sup> Responders) | 0     | 587  | -    | Diabetics Not Receiving HbA1c<br>Screening (%) | 15.1   | 16.7  | 15.4  |
| Dentists  | 14.0  | 43.5 | 63.2 | No Consistent Source of<br>Primary Care (%)    | 27.2   | 32.4  | 22.1  |
| Mental Health Providers                                     | 4.5   | 27.2 | -    |  |        |       |       |

| Facilities & Beds                  |    |
|------------------------------------|----|
| County                             |    |
| Community Clinics (#)              | 0  |
| Acute Care Beds (#)                | 49 |
| Psychiatric Care Licensed Beds (#) | 0  |

- = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and  
[www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

## County Jail Incarceration Statistics

| County/State  | Capacity      | Percent of Capacity | Average Daily Population ** | Incarceration Rate |
|---------------|---------------|---------------------|-----------------------------|--------------------|
| Angelina      | 279           | 81.4                | 22.8                        | 2.6                |
| Brazoria      | 1170          | 71.4                | 778                         | 2.3                |
| Galveston     | 1187          | 76.8                | 865                         | 2.7                |
| Hardin        | 196           | 83.2                | 144                         | 2.6                |
| Jasper        | 147           | 87.1                | 75                          | 2.1                |
| Jefferson     | 1220          | 71.4                | 823                         | 3.3                |
| Liberty (P)   | 285           | 66.3                | 209                         | 2.7                |
| Nacogdoches   | 292           | 74.7                | 213                         | 3.3                |
| Newton        | 14            | 64.3                | 9                           | 1.3                |
| Orange        | 326           | 54.9                | 173                         | 2.1                |
| Polk          | 362           | 45.0                | 157                         | 3.4                |
| Polk (P)      | 1054          | 35.2                | 371                         | 3.5                |
| Sabine        | 17            | 94.1                | 16                          | 2.1                |
| San Augustine | 34            | 35.3                | 12                          | 1.4                |
| San Jacinto   | 144           | 59.72               | 67                          | 2.5                |
| Shelby        | 66            | 69.7                | 45                          | 1.8                |
| Tyler         | 43            | 20.9                | 29                          | 1.3                |
| <b>Texas</b>  | <b>93,783</b> | <b>69.9</b>         | <b>65,641</b>               | <b>2.4</b>         |

Data Source: 2015

Texas Commission on Jail Standards. Incarceration Rate Report – Highest to Lowest, October 1, 2015. Based on 2014 population estimates. Privately operated facilities housing contract inmates only are not included.

\*\* ADP is based on the first day of the month jail population report figures from 11/1/2014 to 10/1/2015. ADP is based on local inmates housed in county and local inmates housed elsewhere and does not include contract inmates.

## Region All Country Data Summary

| SHC-G<br>Region CHN             | Geography & Population |                           |                         |                    |                   | Population/Age Groups |             |             |             | Race/Ethnicity          |                           |             |            |  |
|---------------------------------|------------------------|---------------------------|-------------------------|--------------------|-------------------|-----------------------|-------------|-------------|-------------|-------------------------|---------------------------|-------------|------------|--|
|                                 | Population             | Pop<br>per<br>Sq.<br>Mile | Area in<br>Sq.<br>Miles | Count<br>y<br>Rank | Urban or<br>Rural | 0 –<br>17             | 18 –<br>44  | 45 –<br>64  | 65 +        | Asian/<br>Asian<br>Amer | Black/<br>African<br>Amer | White       | Other      | % Pop of<br>Any<br>Hispanic<br>Descent |
| Angelina                        | 89,839                 | 112.1                     | 801.6                   | 44                 | Urban             | 26.6                  | 34.4        | 25.0        | 13.9        | 0.9                     | 15.3                      | 77.9        | 5.5        | 20.1                                   |
| Brazoria                        | 330,385                | 238.3                     | 1357.0                  | 15                 | Urban             | 27.5                  | 36.1        | 25.4        | 10.0        | 5.7                     | 12.6                      | 74.7        | 6.6        | 28.1                                   |
| Galveston                       | 305,938                | 767.7                     | 398.5                   | 17                 | Urban             | 25.2                  | 34.7        | 28.0        | 11.7        | 3.2                     | 13.6                      | 78.4        | 4.8        | 22.8                                   |
| Hardin                          | 54,945                 | 61.7                      | 890.3                   | 58                 | Rural             | 25.6                  | 33.2        | 27.2        | 13.9        | 0.7                     | 5.8                       | 90.8        | 2.8        | 4.7                                    |
| Jasper                          | 35,797                 | 38.1                      | 938.6                   | 86                 | Rural             | 24.8                  | 30.9        | 27.4        | 16.9        | 0.6                     | 16.6                      | 79.7        | 3.0        | 5.9                                    |
| Jefferson                       | 252,157                | 287.8                     | 876.0                   | 20                 | Urban             | 23.9                  | 37.3        | 26.0        | 12.8        | 3.5                     | 33.5                      | 56.4        | 6.6        | 17.6                                   |
| Liberty                         | 76,013                 | 65.6                      | 1158.1                  | 47                 | Rural             | 25.3                  | 36.2        | 26.8        | 11.7        | 0.5                     | 10.9                      | 80.1        | 8.4        | 18.7                                   |
| Nacogdoches                     | 65,085                 | 68.8                      | 946.3                   | 53                 | Urban             | 23.4                  | 42.5        | 22.1        | 12.0        | 1.4                     | 18.5                      | 76.3        | 3.8        | 17.9                                   |
| Newton                          | 14,340                 | 115.4                     | 933.4                   | 145                | Rural             | 22.7                  | 32.6        | 28.3        | 16.4        | 0.7                     | 21.5                      | 76.1        | 1.6        | 3.1                                    |
| Orange                          | 82,372                 | 246.9                     | 333.6                   | 45                 | Urban             | 24.8                  | 33.4        | 27.5        | 14.3        | 1.1                     | 8.3                       | 87.6        | 2.9        | 6.2                                    |
| Polk                            | 45,620                 | 43.2                      | 1056.8                  | 71                 | Rural             | 20.9                  | 31.3        | 28.5        | 19.3        | 0.6                     | 11.4                      | 82.8        | 5.2        | 13.5                                   |
| Sabine                          | 10,604                 | 21.6                      | 491.3                   | 167                | Rural             | 19.2                  | 23.7        | 30.2        | 262.9       | 0.2                     | 8.6                       | 90.3        | 0.8        | 3.4                                    |
| San Augustine                   | 8,855                  | 16.7                      | 530.5                   | 176                | Rural             | 21.0                  | 25.7        | 29.4        | 23.9        | 0.0                     | 23.3                      | 74.7        | 2.0        | 6.3                                    |
| San Jacinto                     | 26,669                 | 46.9                      | 569.1                   | 99                 | Rural             | 23.7                  | 28.3        | 29.9        | 18.1        | 0.6                     | 11.6                      | 86.3        | 1.5        | 11.2                                   |
| Shelby                          | 25,677                 | 32.3                      | 795.4                   | 101                | Rural             | 26.5                  | 32.5        | 25.4        | 15.5        | 0.3                     | 17.1                      | 79.0        | 3.6        | 16.8                                   |
| Tyler                           | 21,619                 | 23.4                      | 924.3                   | 114                | Rural             | 19.9                  | 33.1        | 27.5        | 19.5        | 0.0                     | 11.0                      | 84.9        | 4.1        | 7.1                                    |
| <b>Region<br/>Total/Average</b> | <b>1,445,915</b>       | <b>136.7</b>              | <b>13,000</b>           |                    |                   | <b>23.8</b>           | <b>32.9</b> | <b>27.2</b> | <b>22.3</b> | <b>1.3</b>              | <b>15.0</b>               | <b>79.8</b> | <b>4.0</b> | <b>12.7</b>                            |
| Texas<br>Total/ Average         | 29.9 M                 | 79.6                      | 268,820                 |                    |                   | 27.0                  | 38.4        | 24.0        | 10.7        | 3.9                     | 11.8                      | 74.4        | 9.8        | 38.6                                   |
| US<br>Total/ Average            | 321.3 M                | 91.0                      | 3,794,083               |                    |                   | 23.7                  | 36.5        | 26.4        | 13.4        | 4.9                     | 12.6                      | 74.0        | 8.5        | 17.4                                   |

Data Source: www.communitycommons.org and www.texashealthfacts accessed 2015.



| SHC-G<br>Region CHN       | Socioeconomic Indicators      |             |                        |              |                        |                      |                      |                     |                  |                           | Natality *                |   |                            |                     |
|---------------------------|-------------------------------|-------------|------------------------|--------------|------------------------|----------------------|----------------------|---------------------|------------------|---------------------------|---------------------------|---|----------------------------|---------------------|
|                           | Median<br>Household<br>Income | Un-employed | Living<br>at/below FPL | Incarcerated | Not Prof in<br>English | Not Insured 0-<br>18 | Not Insured<br>19-64 | Medicaid<br>Clients | No HS<br>Diploma | Assoc Degree<br>or Higher | Births to Teen<br>Mothers | Prenatal Care<br>in 1 <sup>st</sup> Tri | Low Birth<br>Weight Births | Infant<br>Mortality |
| Angelina                  | 41,804                        | 6.4         | 21.5                   | 2.6          | 6.8                    | 10.8                 | 27.8                 | 28.4                | 21.8             | 22.0                      | 6.7                       | 60.2                                    | 9.0                        | 5.5                 |
| Brazoria                  | 66,250                        | 6.1         | 11.8                   | 2.3          | 7.6                    | 12.3                 | 25.4                 | 14.3                | 14.7             | 35.6                      | 4.8                       | 63.6                                    | 8.3                        | 5.5                 |
| Galveston                 | 60,210                        | 6.8         | 13.4                   | 2.8          | 6.5                    | 10.4                 | 24.5                 | 15.8                | 12.9             | 36.9                      | 4.5                       | 62.1                                    | 8.6                        | 5.5                 |
| Hardin                    | 52,037                        | 7.8         | 10.9                   | 2.6          | 1.4                    | 10.4                 | 18.7                 | 15.1                | 13.7             | 23.5                      | 5.3                       | 70.9                                    | 8.0                        | 5.3                 |
| Jasper                    | 39,414                        | 7.7         | 17.8                   | 2.1          | 3.0                    | 13.8                 | 26.9                 | 28.4                | 16.7             | 16.8                      | 6.5                       | 62.5                                    | 9.3                        | 7.8                 |
| Jefferson                 | 42,099                        | 8.7         | 20.9                   | 3.3          | 8.2                    | 11.0                 | 23.8                 | 25.7                | 17.6             | 24.3                      | 5.5                       | 65.5                                    | 10.2                       | 7.2                 |
| Liberty                   | 46,176                        | 8.7         | 20.3                   | 2.7          | 5.9                    | 14.0                 | 32.7                 | 24.6                | 24.9             | 13.3                      | 6.6                       | 53.6                                    | 8.2                        | 6.3                 |
| Nacogdoches               | 36,775                        | 6.4         | 26.4                   | 3.3          | 7.4                    | 13.5                 | 32.4                 | 23.6                | 19.5             | 29.0                      | 3.8                       | 55.1                                    | 6.2                        | 6.3                 |
| Newton                    | 38,544                        | 10.7        | 19.4                   | 1.3          | 1.9                    | 12.6                 | 27.4                 | 26.5                | 14.9             | 12.7                      | 5.7                       | 60.9                                    | 0.0                        | 4.2                 |
| Orange                    | 51,340                        | 10.2        | 15.1                   | 2.1          | 1.6                    | 10.1                 | 25.3                 | 21.6                | 13.8             | 20.1                      | 5.8                       | 65.8                                    | 10.7                       | 8.1                 |
| Polk                      | 39,833                        | 7.7         | 18.3                   | 3.4          | 5.2                    | 15.3                 | 31.7                 | 26.1                | 23.1             | 16.2                      | 7.5                       | 53.2                                    | 6.1                        | 12.0                |
| Sabine                    | 37,576                        | 12.8        | 18.0                   | 2.1          | 1.6                    | 14.1                 | 29.5                 | 23.4                | 19.7             | 16.5                      | 6.5                       | 51.6                                    | 0.0                        | 9.9                 |
| San Augustine             | 32,140                        | 11.5        | 23.4                   | 1.4          | 1.2                    | 12.9                 | 29.7                 | 33.5                | 22.8             | 19.5                      | 7.1                       | 57.7                                    | 0.0                        | 7.8                 |
| San Jacinto               | 42,320                        | 7.5         | 22.8                   | 2.5          | 2.3                    | 15.8                 | 32.2                 | 23.9                | 21.1             | 15.2                      | 5.9                       | 55.8                                    | 7.7                        | 6.2                 |
| Shelby                    | 36,565                        | 7.3         | 21.0                   | 1.8          | 7.4                    | 17.8                 | 35.8                 | 26.1                | 22.5             | 17.2                      | 7.9                       | 54.7                                    | 6.1                        | 6.9                 |
| Tyler                     | 40,986                        | 10.1        | 20.9                   | 1.3          | 1.6                    | 13.1                 | 28.9                 | 25.0                | 17.2             | 18.3                      | 6.8                       | 61.4                                    | 0.0                        | 6.0                 |
| <b>Region<br/>Average</b> | <b>44,004</b>                 | <b>8.5</b>  | <b>18.9</b>            | <b>2.4</b>   | <b>4.4</b>             | <b>13.0</b>          | <b>28.3</b>          | <b>23.9</b>         | <b>18.6</b>      | <b>21.1</b>               | <b>6.1</b>                | <b>59.7</b>                             | <b>6.2</b>                 | <b>6.9</b>          |
| Texas<br>Average          | 51,900                        | 6.3         | 17.6                   | 2.2          | 14.2                   | 13.1                 | 30.4                 | 21.9                | 18.8             | 33.1                      | 5.5                       | 62.5                                    | 8.4                        | 6.2                 |
| US Average                | 52,250                        | 6.6         | 15.4                   | 2.9          | 8.6                    | 7.5                  | 20.6                 | 20.2                | 14.0             | 36.7                      | 3.7                       | 82.7                                    | 8.2                        | 6.5                 |

Note: \* Information Not Available for Pre-Term Births

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

| SHC-G<br>Region CHN   | Health Environment & Behaviors |                       |                  |                                      |                                       | Mortality   |                        |              |                                  |                                      |                                  |                      |                  |                             |
|-----------------------|--------------------------------|-----------------------|------------------|--------------------------------------|---------------------------------------|-------------|------------------------|--------------|----------------------------------|--------------------------------------|----------------------------------|----------------------|------------------|-----------------------------|
|                       | Physical<br>Inactivity         | Excessive<br>Drinking | Adult<br>Smoking | Limited<br>Access to<br>Healthy Food | Avail. Of<br>Recreation<br>Facilities | Accidents   | Assaults<br>(Homicide) | Cancer (All) | Cerebro-<br>vascular<br>(Stroke) | Chronic Liver<br>Dis. &<br>Cirrhosis | Chronic<br>Lower Resp<br>Disease | Diabetes<br>Mellitus | Heart<br>Disease | Int. Self Harm<br>(Suicide) |
| Angelina              | 26.6                           | 9.9                   | 21.1             | 28.6                                 | 3.5                                   | 56.3        | 0.0                    | 167.4        | 119.9                            | 0.0                                  | 39.0                             | 24.0                 | 195.0            | 0.0                         |
| Brazoria              | 25.2                           | 11.8                  | 14.2             | 31.9                                 | 7.9                                   | 39.9        | 3.8                    | 168.9        | 39.5                             | 16.1                                 | 45.9                             | 16.8                 | 177.9            | 12.0                        |
| Galveston             | 26.7                           | 13.9                  | 17.2             | 43.1                                 | 7.9                                   | 39.1        | 5.7                    | 192.1        | 46.4                             | 13.3                                 | 39.7                             | 26.8                 | 174.4            | 13.5                        |
| Hardin                | 31.8                           | -                     | 24.4             | 32.4                                 | 12.8                                  | 51.1        | -                      | 166.3        | 59.8                             | -                                    | 69.0                             | 8.7                  | 202.4            | 18.8                        |
| Jasper                | 29.8                           | -                     | 23.4             | 8.7                                  | 2.8                                   | -           | -                      | 156.9        | 47.1                             | -                                    | 84.2                             | -                    | 229.9            | -                           |
| Jefferson             | 29.6                           | 13.1                  | 22.1             | 29.6                                 | 6.7                                   | 44.6        | 13.2                   | 176.1        | 55.0                             | 11.2                                 | 50.4                             | 26.4                 | 213.5            | 8.5                         |
| Liberty               | 27.2                           | -                     | 30.5             | 10.3                                 | 0.0                                   | 61.3        | -                      | 197.7        | 45.5                             | -                                    | 80.8                             | -                    | 302.5            | -                           |
| Nacogdoches           | 25.4                           | -                     | 22.4             | 23.6                                 | 9.3                                   | 54.9        | -                      | 161.2        | 69.8                             | -                                    | 56.5                             | -                    | 155.9            | -                           |
| Newton                | 29.9                           | -                     | -                | 26.4                                 | 0.0                                   | -           | -                      | 196.1        | -                                | 0.0                                  | -                                | -                    | 253.0            | -                           |
| Orange                | 28.5                           | -                     | 27.9             | 30.2                                 | 7.3                                   | 46.7        | -                      | 191.8        | 57.0                             | -                                    | 79.9                             | -                    | 219.3            | -                           |
| Polk                  | 28.3                           | -                     | 27.8             | 10.8                                 | 2.2                                   | 42.1        | -                      | 202.6        | 41.2                             | -                                    | 52.8                             | -                    | 218.3            | -                           |
| Sabine                | 27.4                           | -                     | -                | 26.0                                 | 0.0                                   | -           | 0.0                    | 200.2        | -                                | -                                    | -                                | -                    | 233.6            | -                           |
| San Augustine         | 27.3                           | -                     | -                | 35.7                                 | 0.0                                   | -           | 0.0                    | 149.4        | -                                | 0.0                                  | -                                | -                    | 202.9            | -                           |
| San Jacinto           | 28.8                           | -                     | -                | 1.9                                  | 0.0                                   | -           | -                      | 193.4        | -                                | -                                    | -                                | -                    | 190.2            | -                           |
| Shelby                | 26.8                           | -                     | 21.2             | 18.1                                 | 7.9                                   | -           | -                      | 157.7        | -                                | -                                    | -                                | -                    | 307.5            | -                           |
| Tyler                 | 29.5                           | -                     | 20.9             | 44.3                                 | 0.0                                   | -           | -                      | 183.4        | -                                | -                                    | -                                | -                    | 223.5            | -                           |
| <b>Region Average</b> | <b>28.1</b>                    | <b>12.2</b>           | <b>22.8</b>      | <b>25.1</b>                          | <b>4.3</b>                            | <b>48.4</b> | <b>3.8</b>             | <b>178.8</b> | <b>58.1</b>                      | <b>6.8</b>                           | <b>59.8</b>                      | <b>20.5</b>          | <b>218.7</b>     | <b>10.6</b>                 |
| Texas Average         | 24.0                           | 15.8                  | 16.5             | 30.4                                 | 7.7                                   | 36.8        | 5.3                    | 161.8        | 42.6                             | 13.0                                 | 42.6                             | 21.6                 | 175.7            | 11.7                        |
| US Average            | 22.6                           | 16.9                  | 18.1             | 23.6                                 | 9.7                                   | 38.6        | 5.3                    | 168.9        | 37.9                             | 10.2                                 | 42.2                             | 21.2                 | 175.0            | 12.3                        |

Note: - = Data Not Available or Data Suppressed.

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

| SHC-G<br>Region CHN   | Morbidity – Cancer Incidence<br>(Rates per 100,000) |               |             |             |                   |             |                        |             |             |             |              |              |                    |                               |
|-----------------------|---|---------------|-------------|-------------|-------------------|-------------|------------------------|-------------|-------------|-------------|--------------|--------------|--------------------|-------------------------------|
|                       | All Cancer  | Brain (Neuro) | Breast      | Cervix      | Digest.<br>System | Colon       | Endocrine<br>(Thyroid) | Leukemia    | Lymphoma    | Oral        | Prostate     | Resp. (Lung) | Skin<br>(Melanoma) | Urinary<br>(Kidney-<br>Renal) |
| Angelina              | 523.6   | 6.9           | 110.4       | 13.8        | 9.2               | 48.9        | 8.5                    | 16.4        | 22.1        | 14.3        | 172.9        | 79.3         | 18.4               | 19.6                          |
| Brazoria              | 429.3   | 6.7           | 110.9       | 8.6         | 4.8               | 43.4        | 9.9                    | 13.5        | 20.2        | 10.0        | 114.0        | 66.3         | 16.6               | 17.2                          |
| Galveston             | 451.4   | 6.9           | 125.4       | 9.5         | 5.3               | 44.0        | 9.6                    | 14.3        | 16.9        | 12.3        | 125.8        | 66.1         | 15.9               | 17.6                          |
| Hardin                | 471.9   | 6.7           | 105.7       | -           | -                 | 49.5        | 13.2                   | 12.6        | 25.8        | 14.0        | 141.6        | 70.7         | 21.4               | 20.0                          |
| Jasper                | 477.6   | -             | 97.6        | -           | -                 | 53.7        | 13.5                   | 18.4        | 20.0        | 15.5        | 136.7        | 66.9         | 18.1               | 21.5                          |
| Jefferson             | 456.3   | 6.1           | 113.0       | 8.6         | 8.4               | 48.8        | 10.6                   | 12.2        | 19.9        | 12.9        | 147.1        | 64.9         | 13.3               | 19.8                          |
| Liberty               | 411.6   | 7.0           | 97.7        | 11.9        | 6.7               | 39.7        | 6.4                    | 11.7        | 16.3        | 12.4        | 105.6        | 82.3         | 9.8                | 15.3                          |
| Nacogdoches           | 449.9   | 0.0           | 95.5        | -           | 6.1               | 53.6        | 5.9                    | 13.9        | 18.6        | 14.0        | 149.9        | 73.4         | 14.0               | 17.3                          |
| Newton                | 371.0   | 0.0           | 62.5        | -           | 0.0               | -           | 0.0                    | 0.0         | 0.0         | 0.0         | 127.4        | 65.3         | 0.0                | 0.0                           |
| Orange                | 494.3   | 8.6           | 120.9       | 18.3        | 6.2               | 51.1        | 13.1                   | 18.3        | 22.7        | 14.4        | 113.8        | 91.9         | 17.7               | 21.7                          |
| Polk                  | 540.1   | 8.1           | 111.7       | 14.7        | 8.6               | 47.3        | 8.6                    | 17.1        | 18.1        | 15.3        | 175.6        | 102.5        | 19.9               | 22.6                          |
| Sabine                | 440.9   | 0.0           | 82.1        | -           | 0.0               | 27.6        | 0.0                    | 0.0         | 20.6        | 0.0         | 127.0        | 77.3         | 25.1               | 0.0                           |
| San Augustine         | 376.1   | 0.0           | 70.9        | -           | 0.0               | 48.2        | 0.0                    | 0.0         | 0.0         | 0.0         | 413.7        | 61.8         | 0.0                | 0.0                           |
| San Jacinto           | 479.1   | 0.0           | 105.2       | -           | 9.8               | 46.3        | 0.0                    | 14.9        | 15.9        | 11.4        | 100.0        | 92.4         | 16.1               | 23.1                          |
| Shelby                | 411.6   | 0.0           | 74.3        | -           | 0.0               | 61.0        | 0.0                    | 0.0         | 13.9        | 13.9        | 123.7        | 71.4         | 14.9               | 17.8                          |
| Tyler                 | 400.2   | 0.0           | 85.3        | -           | 0.0               | 38.5        | 0.0                    | 0.0         | 15.7        | 12.4        | 124.9        | 71.9         | 13.3               | 12.6                          |
| <b>Region Average</b> | <b>449.1</b>  | <b>3.8</b>    | <b>98.1</b> | <b>12.2</b> | <b>4.7</b>        | <b>46.8</b> | <b>6.2</b>             | <b>10.2</b> | <b>16.7</b> | <b>10.8</b> | <b>150.0</b> | <b>75.3</b>  | <b>14.7</b>        | <b>15.4</b>                   |
| Texas Average         | 417.8   | 6.5           | 113.7       | 9.4         | 6.8               | 41.4        | 11.9                   | 13.3        | 18.3        | 10.6        | 126.9        | 59.7         | 12.9               | 18.1                          |
| US Average            | 453.8   | 6.6           | 122.7       | 7.8         | 6.6               | 43.3        | 13.6                   | 13.2        | 19.2        | 11.3        | 142.3        | 64.9         | 19.9               | 16.0                          |

Note: - = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

| SHC-G<br>Region CHN       | Morbidity – Other Measures<br>(Rates per 100,000) |                  |                        |                   |                  |             |                                    |                                  |                                  |
|---------------------------|---|------------------|------------------------|-------------------|------------------|-------------|------------------------------------|----------------------------------|----------------------------------|
|                           | Diabetes  | Adult<br>Obesity | Asthma/Resp<br>Disease | Hyper-<br>tension | Heart<br>Disease | Disability  | Poor<br>Physical<br>Health<br>Days | Poor<br>Mental<br>Health<br>Days | Inadequate<br>Soc/Emo<br>Support |
| Angelina                  | 10.4  | 33.6             | 16.8                   | 18.7              | 4.1              | 18.3        | 5.0                                | 3.9                              | 28.6                             |
| Brazoria                  | 9.2   | 31.2             | 8.9                    | 29.1              | 4.1              | 10.3        | 2.9                                | 2.7                              | 25.0                             |
| Galveston                 | 8.7   | 29.0             | 8.7                    | 27.4              | 5.6              | 12.2        | 3.6                                | 3.2                              | 23.3                             |
| Hardin                    | 8.7   | 34.3             | 12.2                   | 32.3              | 0.0              | 16.2        | 4.7                                | 3.7                              | 22.8                             |
| Jasper                    | 10.4  | 33.1             | 25.7                   | 45.5              | 16.5             | 20.3        | 4.7                                | 2.7                              | 18.9                             |
| Jefferson                 | 11.4  | 36.7             | 9.8                    | 38.2              | 2.6              | 15.1        | 4.3                                | 3.4                              | 28.2                             |
| Liberty                   | 9.2   | 29.0             | 17.1                   | 30.0              | 3.2              | 11.5        | 3.7                                | 3.3                              | 23.1                             |
| Nacogdoches               | 10.4  | 32.6             | 8.7                    | 21.9              | 7.3              | 14.3        | 4.0                                | 5.2                              | 19.2                             |
| Newton                    | 11.0  | 30.4             | 31.0                   | -                 | 2.0              | 19.0        | -                                  | -                                | -                                |
| Orange                    | 8.6   | 30.8             | 11.5                   | 30.2              | 9.5              | 18.3        | 3.6                                | 5.4                              | 23.2                             |
| Polk                      | 9.7   | 33.9             | 22.1                   | 29.4              | 1.5              | 24.9        | 5.1                                | 4.6                              | 23.2                             |
| Sabine                    | 10.0  | 29.2             | -                      | -                 | -                | 24.8        | 5.5                                | -                                | -                                |
| San Augustine             | 10.5  | 33.9             | -                      | -                 | -                | 27.4        | -                                  | -                                | -                                |
| San Jacinto               | 10.4  | 30.6             | 34.0                   | -                 | -                | 17.5        | -                                  | -                                | -                                |
| Shelby                    | 10.3  | 34.5             | 2.9                    | 35.5              | 3.1              | 17.0        | 2.7                                | 3.9                              | 12.2                             |
| Tyler                     | 10.0  | 33.1             | 13.0                   | 46.1              | 2.5              | 23.2        | 5.4                                | -                                | 14.9                             |
| <b>Region<br/>Average</b> | <b>9.9</b>  | <b>32.2</b>      | <b>15.9</b>            | <b>32.0</b>       | <b>4.8</b>       | <b>18.1</b> | <b>4.2</b>                         | <b>3.8</b>                       | <b>21.9</b>                      |
| Texas Average             | 9.2   | 29.0             | 11.6                   | 30.0              | 4.0              | 11.5        | 3.7                                | 3.3                              | 23.1                             |
| US Average                | 9.1   | 25.0             | 13.4                   | 28.2              | 4.4              | 12.1        | 2.5                                | 2.3                              | 20.7                             |

Note: - = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

| SHC-G<br>Region CHN   | Morbidity – Communicable Diseases<br>(Rates per 100,000) |              |            |            |                      |             |              |
|-----------------------|--|--------------|------------|------------|----------------------|-------------|--------------|
|                       | Tuberculosis   | AIDS/HIV     | Pertussis  | Varicella  | Prim/Sec<br>Syphilis | Gonorrhea   | Chlamydia    |
| Angelina              | 0.0  | 0.0          | 8.9        | 0.0        | 0.0                  | 152.5       | 515.4        |
| Brazoria              | 2.1  | 122.7        | 5.8        | 5.1        | 1.5                  | 80.8        | 347.8        |
| Galveston             | 2.9  | 268.4        | 4.2        | 6.5        | 2.9                  | 95.8        | 393.2        |
| Hardin                | 0.0  | 83.4         | 0.0        | 1.9        | 3.6                  | 34.4        | 188.2        |
| Jasper                | 2.8  | 55.6         | 0.0        | 2.8        | 11.3                 | 79.9        | 330.6        |
| Jefferson             | 1.6  | 397.0        | 0.8        | 1.7        | 28.1                 | 178.8       | 518.2        |
| Liberty               | 2.6  | 337.0        | 3.5        | 4.6        | 2.6                  | 57.7        | 270.3        |
| Nacogdoches           | 6.1  | 168.4        | 3.0        | 1.5        | 12.3                 | 282.6       | 782.1        |
| Newton                | -  | 48.6         | 13.7       | 0.0        | 21.2                 | 103.8       | 318.3        |
| Orange                | 1.2  | 114.9        | 1.2        | 1.2        | 8.4                  | 59.4        | 287.3        |
| Polk                  | 0.0  | 163.1        | 0.0        | 11.2       | 17.4                 | 45.9        | 284.3        |
| Sabine                | 0.0  | 102.0        | 0.0        | 9.2        | 0.0                  | 9.3         | 242.1        |
| San Augustine         | 0.0  | 130.5        | 0.0        | 10.2       | 0.0                  | 169.0       | 349.3        |
| San Jacinto           | 0.0  | 103.2        | 0.0        | 3.3        | 7.4                  | 29.8        | 231.3        |
| Shelby                | 3.9  | 163.7        | 3.7        | 0.0        | 11.8                 | 93.1        | 391.9        |
| Tyler                 | 0.0  | 137.1        | 0.0        | 0.0        | 0.0                  | 27.7        | 258.5        |
| <b>Region Average</b> | <b>1.5</b>   | <b>149.7</b> | <b>2.8</b> | <b>3.7</b> | <b>8.0</b>           | <b>93.8</b> | <b>356.8</b> |
| Texas Average         | 4.6  | 318.6        | 15.1       | 6.0        | 5.6                  | 125.2       | 473.1        |
| US Average            | 2.9  | 340.4        | 15.5       | -          | 5.5                  | 107.5       | 454.1        |

Note: - = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

| SHC-G<br>Region CHN   | Health Services & Resources<br>(Rates per 100,000) |                                 |                        |                         |                             |             |                               | Facilities & Beds (#) |                    |                                   |
|-----------------------|--|---------------------------------|------------------------|-------------------------|-----------------------------|-------------|-------------------------------|-----------------------|--------------------|-----------------------------------|
|                       | Primary<br>Care<br>Physicians                      | Specialty<br>Care<br>Physicians | Nurse<br>Practitioners | Physician<br>Assistants | EMT/<br>Paramed<br>Orgs (#) | Dentists    | Mental<br>Health<br>Providers | Comm<br>Clinics       | Acute<br>Care Beds | Psych<br>Care<br>Licensed<br>Beds |
| Angelina              | 80.8   | 95.7                            | 36.4                   | 21.0                    | 4                           | 36.6        | 17.8                          | 0                     | 446                | 24                                |
| Brazoria              | 44.7   | 36.8                            | 24.0                   | 16.2                    | 1                           | 43.6        | 22.3                          | 4                     | 253                | 0                                 |
| Galveston             | 59.2   | 138.1                           | 60.1                   | 32.3                    | 6                           | 38.8        | 32.1                          | 4                     | 410                | 88                                |
| Hardin                | 21.0   | 3.4                             | 32.5                   | 3.4                     | 0                           | 18.0        | 3.5                           | 2                     | 4                  | 0                                 |
| Jasper                | 60.8   | 8.2                             | 41.1                   | 11.0                    | 2                           | 30.9        | 0.0                           | 2                     | 59                 | 0                                 |
| Jefferson             | 79.6   | 132.2                           | 82.1                   | 14.0                    | 4                           | 52.7        | 12.8                          | 5                     | 1,715              | 0                                 |
| Liberty               | 42.3   | 14.5                            | 20.5                   | 10.8                    | 12                          | 22.1        | 9.8                           | 0                     | 136                | 0                                 |
| Nacogdoches           | 89.3   | 100.6                           | 37.9                   | 16.0                    | 10                          | 47.5        | 25.1                          | 3                     | 369                | 0                                 |
| Newton                | 34.9   | 0.0                             | 6.9                    | 6.9                     | 1                           | 0.0         | 0.0                           | 0                     | 0                  | 0                                 |
| Orange                | 26.3   | 12.9                            | 27.0                   | 2.4                     | 5                           | 26.5        | 3.6                           | 2                     | 112                | 0                                 |
| Polk                  | 48.6   | 28.8                            | 22.6                   | 14.4                    | 4                           | 26.2        | 4.2                           | 0                     | 66                 | 0                                 |
| Sabine                | 17.9   | 8.7                             | 17.4                   | 17.4                    | 5                           | 38.6        | 0.0                           | 0                     | 25                 | 0                                 |
| San Augustine         | 33.2   | 10.9                            | 43.7                   | 0.0                     | 0                           | 45.6        | 11.0                          | 0                     | 18                 | 0                                 |
| San Jacinto           | 10.6   | 0.0                             | 3.4                    | 3.4                     | 1                           | 3.7         | 6.9                           | 0                     | 0                  | 0                                 |
| Shelby                | 22.9   | 0.0                             | 25.9                   | 7.4                     | 0                           | 31.0        | 7.5                           | 0                     | 54                 | 0                                 |
| Tyler                 | 36.1   | 9.0                             | 18.0                   | 4.5                     | 0                           | 14.0        | 4.5                           | 0                     | 49                 | 0                                 |
| <b>Region Average</b> | <b>44.3</b>  | <b>37.5</b>                     | <b>31.2</b>            | <b>11.3</b>             | <b>55</b>                   | <b>29.7</b> | <b>10.1</b>                   | <b>22</b>             | <b>3,716</b>       | <b>112</b>                        |
| Texas Average         | 70.6   | -                               | 44.8                   | 25.5                    | 587                         | 43.5        | 27.2                          |                       |                    |                                   |
| US Average            | 74.5   | -                               | -                      | -                       | -                           | 63.2        | -                             |                       |                    |                                   |

Note: - = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

| SHC-G<br>Region CHN | Access & Quality Measures<br>(Rates per 100,000) |                               |                        |                                      |                          |                                  |                                      |  |
|---------------------|--|-------------------------------|------------------------|--------------------------------------|--------------------------|----------------------------------|--------------------------------------|--|
|                     | HPSA<br>Primary<br>Care                          | HPSA<br>Mental<br>Health Care | HPSA<br>Dental<br>Care | %<br>Population<br>Living in<br>HPSA | Emergency<br>Dept Visits | Preventable<br>Hospital<br>Stays | Diabetics –<br>No HbA1c<br>Screening | No<br>Consistent<br>Source of<br>Primary<br>Care |
| Angelina            | 0  | 0                             | 0                      | 100                                  | 59.5                     | 75.3                             | 18.0                                 | 14.6   |
| Brazoria            | 1  | 1                             | 1                      | 10.5                                 | 15.4                     | 64.6                             | 18.0                                 | 29.3   |
| Galveston           | 1  | 1                             | 1                      | 0.8                                  | 23.2                     | 69.1                             | 16.9                                 | 33.3   |
| Hardin              | 0  | 0                             | 0                      | 0                                    | -                        | 62.7                             | 13.7                                 | 21.5   |
| Jasper              | 4  | 1                             | 1                      | 0                                    | 56.5                     | 79.5                             | 13.9                                 | 24.2   |
| Jefferson           | 1  | 2                             | 1                      | 0                                    | 80.3                     | 64.8                             | 15.9                                 | 23.7   |
| Liberty             | 1  | 1                             | 1                      | 100                                  | 29.6                     | 108.4                            | 21.4                                 | 25.6   |
| Nacogdoches         | 1  | 1                             | 1                      | 100                                  | 75.5                     | 80.4                             | 21.6                                 | 42.4   |
| Newton              | 0  | 0                             | 0                      | 100                                  | -                        | 66.4                             | 25.8                                 | 40.2   |
| Orange              | 1  | 0                             | 0                      | 100                                  | 21.9                     | 80.8                             | 18.8                                 | 14.9   |
| Polk                | 1  | 0                             | 0                      | 100                                  | 46.4                     | 64.2                             | 17.7                                 | 19.9   |
| Sabine              | 2  | 0                             | 0                      | 100                                  | 33.9                     | 104.4                            | 26.4                                 | -  |
| San Augustine       | 0  | 0                             | 0                      | 100                                  | 58.8                     | 85.7                             | 20.7                                 | -  |
| San Jacinto         | 0  | 0                             | 0                      | 100                                  | -                        | 93.7                             | 20.0                                 | -  |
| Shelby              | 2  | 1                             | 1                      | 100                                  | 34.2                     | 94.6                             | 18.9                                 | 39.4   |
| Tyler               | 0  | 0                             | 0                      | 100                                  | 54.0                     | 87.8                             | 15.1                                 | 27.2   |
| <b>Region</b>       | <b>15</b>  | <b>8</b>                      | <b>7</b>               | <b>35.3</b>                          | <b>45.3</b>              | <b>80.2</b>                      | <b>18.9</b>                          | <b>27.4</b>                                      |
| Texas               | 156  | 120                           | 124                    | 24.3                                 | 32.9                     | 63.0                             | 16.7                                 | 32.4   |
| US                  | 3,427  | 3,060                         | 2,915                  | 34.1                                 | 44.5                     | 59.2                             | 15.4                                 | 22.1   |

Note: - = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

| SHC-G<br>Region CHN   | Population and Poverty<br>(Rates per 100,000) |                     |   |   |  |   |
|-----------------------|---|---------------------|---|---|--|---|
|                       | Urban<br>Population                           | Rural<br>Population | Poverty –<br>Children Living<br>Below 100%<br>FPL | Poverty –<br>Children Living<br>Below 200%<br>FPL | Population<br>Receiving<br>SNAP Benefits | Children Eligible<br>for<br>Free/Reduced<br>Price Lunch |
| Angelina              | 56.9  | 43.1                | 29.1  | 59.3  | 18.9                                     | 65.3  |
| Brazoria              | 77.5  | 22.5                | 14.4  | 34.0  | 9.8                                      | 45.6  |
| Galveston             | 93.8  | 6.2                 | 18.8  | 37.8  | 11.4                                     | 45.8  |
| Hardin                | 448.4   | 51.6                | 14.0  | 36.0  | 14.2                                     | 39.9  |
| Jasper                | 21.8  | 78.2                | 26.6  | 56.7  | 18.3                                     | 60.2  |
| Jefferson             | 91.6  | 8.4                 | 31.3  | 57.3  | 19.3                                     | 67.5  |
| Liberty               | 36.8  | 63.2                | 23.8  | 47.3  | 18.4                                     | 62.5  |
| Nacogdoches           | 53.5  | 46.5                | 35.8  | 559.7   | 15.4                                     | 66.7  |
| Newton                | 0.0   | 100.0               | 21.9  | 56.2  | 17.4                                     | 66.9  |
| Orange                | 64.8  | 35.2                | 18.7  | 46.0  | 16.0                                     | 52.5  |
| Polk                  | 22.4  | 77.6                | 30.6  | 56.8  | 19.2                                     | 67.8  |
| Sabine                | 0.0   | 100.0               | 40.5  | 61.1  | 11.7                                     | 65.5  |
| San Augustine         | 0.0   | 100.0               | 43.4  | 70.6  | 15.4                                     | 87.5  |
| San Jacinto           | 0.0   | 100.0               | 26.8  | 50.1  | 18.5                                     | 68.2  |
| Shelby                | 20.6  | 79.4                | 37.3  | 67.4  | 17.6                                     | 71.9  |
| Tyler                 | 21.9  | 78.1                | 25.8  | 56.0  | 19.8                                     | 57.8  |
| <b>Region Average</b> | <b>38.1</b>                                   | <b>61.9</b>         | <b>27.4</b>                                       | <b>53.3</b>                                       | <b>16.3</b>                              | <b>62.0</b>   |
| Texas Average         | 84.7  | 15.3                | 25.3  | 50.0  | 13.2                                     | 60.1  |
| US Average            | 80.9  | 19.1                | 21.6  | 43.8  | 12.4                                     | 52.3  |

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.



| SHC-G<br>Region CHN                            | Statistics for Under 18 Population<br>(Rates per 100,000) |             |                |         |      |
|--|---|-------------|----------------|---------|------|
|  | Region Low  | Region High | Region Average | Texas   | U.S. |
| Under 18 % of Population                       | 19.2  | 27.5        | 23.4           | 27.0    | 23.7 |
| Urban Area                                     | 0.0   | 93.8        | 46.9           | 84.7    | 80.9 |
| Rural Area                                     | 6.2   | 100         | 53.1           | 15.3    | 19.1 |
| Lack of Insurance **                           | 10.1  | 17.8        | 14.0           | 13.1    | 7.5  |
| CHIP   | 93  | 4,987       | 2,540          | 495,187 | -    |
| Medicaid                                       | 26.0  | 56.6        | 41.3           | 38.5    | 35.9 |
| Children Living Below 100% FPL                 | 14.0  | 43.4        | 28.7           | 25.3    | 21.6 |
| Children Living Below 200% FPL                 | 33.9  | 70.6        | 52.3           | 49.9    | 43.8 |
| Children Eligible for Free/Reduced Price Lunch | 39.9  | 87.5        | 63.7           | 60.1    | 52.3 |
| No High School Diploma                         | 12.9  | 24.9        | 18.9           | 18.8    | 13.9 |
| Teen Births                                    | 3.7   | 7.9         | 5.8            | 5.5     | 3.7  |
| Infant Mortality per 1,000 Births              | 1.9   | 12.0        | 7.0            | 6.2     | 6.5  |

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

| ** Uninsured Under 18 |      |               |      |
|-----------------------|------|---------------|------|
| Angelina              | 10.8 | Newton        | 12.6 |
| Brazoria              | 12.3 | Orange        | 10.1 |
| Galveston             | 10.4 | Polk          | 15.3 |
| Hardin                | 10.4 | Sabine        | 14.1 |
| Jasper                | 13.8 | San Augustine | 12.9 |
| Jefferson             | 11.0 | San Jacinto   | 15.8 |
| Liberty               | 14.0 | Shelby        | 17.8 |
| Nacogdoches           | 13.5 | Tyler         | 13.1 |

Note: - = Data Not Available or Data Suppressed

Data Source: [www.communitycommons.org](http://www.communitycommons.org) and [www.texashealthfacts](http://www.texashealthfacts) accessed 2015.

**Medically Underserved Areas Populations &  
Health Professional Shortage Areas (MUAs, MUPs and HPSAs)**

| <b>County</b> | <b>MUAs (#)</b> | <b>MUPs (#)</b> | <b>HPSA<br/>Primary</b> | <b>HPSA<br/>Dental</b> | <b>HPSA<br/>Mental</b> | <b>% Pop Living<br/>in HPSA</b> |
|---------------|-----------------|-----------------|-------------------------|------------------------|------------------------|---------------------------------|
| Angelina      | 1               | 0               | 0                       | 0                      | 0                      | 100                             |
| Brazoria      | 3               | 0               | 1                       | 1                      | 1                      | 10.5                            |
| Galveston     | 3               | 0               | 1                       | 1                      | 1                      | 0.8                             |
| Hardin        | 1               | 0               | 0                       | 0                      | 0                      | 0                               |
| Jasper        | 1               | 1               | 4                       | 1                      | 1                      | 0                               |
| Jefferson     | 3               | 2               | 1                       | 2                      | 1                      | 0                               |
| Liberty       | 1               | 0               | 1                       | 1                      | 1                      | 100                             |
| Nacogdoches   | 1               | 1               | 1                       | 1                      | 1                      | 100                             |
| Newton        | 1               | 0               | 0                       | 0                      | 0                      | 100                             |
| Orange        | 2               | 1               | 1                       | 0                      | 0                      | 100                             |
| Polk          | 1               | 0               | 1                       | 0                      | 0                      | 100                             |
| Sabine        | 1               | 0               | 2                       | 0                      | 0                      | 100                             |
| San Augustine | 1               | 0               | 0                       | 0                      | 0                      | 100                             |
| San Jacinto   | 1               | 0               | 0                       | 0                      | 0                      | 100                             |
| Shelby        | 1               | 0               | 2                       | 1                      | 1                      | 100                             |
| Tyler         | 1               | 0               | 0                       | 0                      | 0                      | 100                             |

Data Source: [www.communitycommons.org](http://www.communitycommons.org) accessed 2015.

## Mental Health Resources

| County/State/US | Psychologists | Psychologists (%) | Psychiatrists | Psychiatrists (%) |
|-----------------|---------------|-------------------|---------------|-------------------|
| Angelina        | 16            | 17.8              | 3             | 3.3               |
| Brazoria        | 78            | 22.3              | 7             | 2.0               |
| Galveston       | 99            | 32.1              | 22            | 7.1               |
| Hardin          | 2             | 3.5               | 0             | 0                 |
| Jasper          | 0             | 0                 | 0             | 0                 |
| Jefferson       | 33            | 12.8              | 17            | 6.6               |
| Liberty         | 8             | 9.8               | 0             | 0                 |
| Nacogdoches     | 17            | 25.1              | 3             | 4.4               |
| Newton          | 0             | 0                 | 0             | 0                 |
| Orange          | 3             | 3.6               | 0             | 0                 |
| Polk            | 2             | 4.2               | 1             | 2.1               |
| Sabine          | 0             | 0                 | 0             | 0                 |
| San Augustine   | 1             | 11.0              | 0             | 0                 |
| San Jacinto     | 2             | 6.9               | 0             | 0                 |
| Shelby          | 2             | 7.5               | 0             | 0                 |
| Tyler           | 1             | 4.5               | 0             | 0                 |
| <b>Texas</b>    | <b>7,382</b>  | <b>27.2</b>       | <b>1,971</b>  | <b>7.3</b>        |
| <b>US</b>       |               |                   |               |                   |

Data Source: [www.communitycommons.org](http://www.communitycommons.org) accessed 2015.

## Primary Care Physicians

| County        | Family Medicine | Family Practice | General Practice | Geriatrics | Gynecology | Internal Medicine | Obstetrics | Obstetrics & Gynecology | Pediatrics | Total      |
|---------------|-----------------|-----------------|------------------|------------|------------|-------------------|------------|-------------------------|------------|------------|
| Angelina      | 7               | 21              | 3                | 0          | 0          | 32                | 0          | 5                       | 5          | 73         |
| Brazoria      | 15              | 43              | 6                | 1          | 2          | 39                | 0          | 13                      | 25         | 144        |
| Galveston     | 14              | 47              | 5                | 2          | 2          | 56                | 0          | 18                      | 38         | 182        |
| Hardin        | 1               | 7               | 1                | 0          | 0          | 3                 | 0          | 1                       | 1          | 14         |
| Jasper        | 0               | 12              | 2                | 0          | 0          | 4                 | 0          | 1                       | 0          | 19         |
| Jefferson     | 8               | 62              | 3                | 0          | 3          | 62                | 0          | 28                      | 28         | 194        |
| Liberty       | 0               | 11              | 2                | 0          | 0          | 7                 | 0          | 2                       | 6          | 28         |
| Nacogdoches   | 5               | 22              | 1                | 0          | 0          | 16                | 0          | 10                      | 7          | 61         |
| Newton        | 0               | 3               | 0                | 0          | 0          | 1                 | 0          | 0                       | 1          | 5          |
| Orange        | 0               | 13              | 3                | 0          | 0          | 3                 | 0          | 1                       | 3          | 23         |
| Polk          | 4               | 7               | 2                | 0          | 0          | 6                 | 1          | 3                       | 5          | 28         |
| Sabine        | 1               | 2               | 0                | 0          | 0          | 0                 | 0          | 0                       | 0          | 3          |
| San Augustine | 0               | 2               | 1                | 0          | 0          | 0                 | 0          | 0                       | 0          | 3          |
| San Jacinto   | 1               | 3               | 0                | 0          | 0          | 0                 | 0          | 0                       | 0          | 4          |
| Shelby        | 1               | 3               | 1                | 0          | 0          | 2                 | 0          | 0                       | 0          | 7          |
| Tyler         | 0               | 4               | 2                | 0          | 0          | 0                 | 0          | 0                       | 0          | 6          |
| <b>Total</b>  | <b>57</b>       | <b>262</b>      | <b>32</b>        | <b>3</b>   | <b>7</b>   | <b>231</b>        | <b>1</b>   | <b>82</b>               | <b>119</b> | <b>794</b> |

Data Source: Texas Department of State Health Services — Primary Care Specialties, 2014

## Specialty Care Physicians 2015 (Angelina thru Nacogdoches Counties by Specialty)

| Specialty                               | Angelina | Brazoria | Galveston | Hardin | Jasper | Jefferson | Liberty | Nacogdoches |
|---|----------|----------|-----------|--------|--------|-----------|---------|-------------|
| Administrative Medicine                 | 0        | 0        | 2         | 0      | 0      | 0         | 0       | 0           |
| Aerospace Medicine                      | 0        | 0        | 7         | 0      | 0      | 0         | 0       | 0           |
| Allergy & Immunology                    | 1        | 1        | 11        | 0      | 0      | 4         | 0       | 1           |
| Anatomic Pathology                      | 0        | 0        | 2         | 0      | 0      | 1         | 0       | 1           |
| Anesthesiology                          | 6        | 11       | 62        | 0      | 0      | 38        | 2       | 2           |
| Anesthesiology/<br>Pain Mgmt.           | 0        | 1        | 5         | 0      | 0      | 3         | 0       | 1           |
| Blood Banking/<br>Transfusion Medicine  | 0        | 0        | 1         | 0      | 0      | 0         | 0       | 0           |
| Cardiology                              | 1        | 1        | 9         | 0      | 0      | 3         | 0       | 1           |
| Cardiovascular Diseases                 | 8        | 8        | 8         | 0      | 0      | 17        | 2       | 5           |
| Cardiovascular Surgery                  | 1        | 0        | 1         | 0      | 0      | 3         | 0       | 2           |
| Child/Adolescent Psychiatry             | 0        | 1        | 8         | 0      | 0      | 2         | 0       | 1           |
| Child Neurology                         | 0        | 0        | 2         | 0      | 0      | 0         | 0       | 0           |
| Colo-Rectal Surgery                     | 0        | 0        | 2         | 0      | 0      | 0         | 0       | 0           |
| Critical Care Medicine                  | 0        | 1        | 1         | 0      | 0      | 0         | 0       | 0           |
| Dermatology                             | 1        | 4        | 14        | 0      | 0      | 9         | 0       | 1           |
| Diagnostic Radiology                    | 3        | 3        | 14        | 0      | 0      | 17        | 0       | 1           |
| Electro-physiology                      | 0        | 0        | 0         | 0      | 0      | 1         | 0       | 0           |
| Emergency Medicine                      | 8        | 24       | 34        | 2      | 0      | 28        | 1       | 6           |
| Endocrinology,<br>Diabetes & Metabolism | 0        | 0        | 6         | 0      | 0      | 6         | 0       | 0           |
| Forensic Pathology                      | 0        | 0        | 2         | 0      | 0      | 2         | 0       | 0           |
| Gastroenterology                        | 1        | 6        | 11        | 0      | 0      | 10        | 0       | 1           |
| General Surgery                         | 4        | 6        | 0         | 0      | 0      | 18        | 0       | 7           |
| Hematology/<br>Oncology                 | 2        | 2        | 2         | 0      | 0      | 3         | 0       | 0           |
| Hospitalist                             | 0        | 1        | 0         | 0      | 0      | 2         | 0       | 0           |
| Infectious Diseases                     | 0        | 0        | 11        | 0      | 0      | 1         | 0       | 0           |
| Internal Med – Peds                     | 0        | 2        | 2         | 0      | 0      | 1         | 0       | 0           |
| Interventional Cardiology               | 1        | 0        | 3         | 0      | 0      | 4         | 0       | 0           |
| Interventional Radiology                | 0        | 0        | 5         | 0      | 0      | 5         | 0       | 0           |

| Specialty                           | Angelina | Brazoria | Galveston | Hardin | Jasper | Jefferson | Liberty | Nacogdoches |
|-------------------------------------|----------|----------|-----------|--------|--------|-----------|---------|-------------|
| Neonatal/<br>Perinatal Med          | 0        | 0        | 5         | 0      | 0      | 5         | 0       | 0           |
| Neonatology                         | 0        | 0        | 9         | 0      | 0      | 1         | 0       | 0           |
| Nephrology                          | 3        | 1        | 18        | 0      | 0      | 9         | 0       | 2           |
| Neuro-<br>Physiology<br>(Neurology) | 0        | 0        | 0         | 0      | 0      | 1         | 0       | 0           |
| Neurological<br>Surgery             | 1        | 0        | 4         | 0      | 0      | 7         | 0       | 2           |
| Neurology                           | 4        | 5        | 18        | 0      | 0      | 9         | 1       | 1           |
| Obstetrics & Gyn<br>Surgery         | 1        | 0        | 1         | 0      | 0      | 2         | 0       | 0           |
| Occupational<br>Medicine            | 0        | 1        | 1         | 0      | 0      | 1         | 0       | 0           |
| Oncology                            | 1        | 2        | 3         | 0      | 0      | 7         | 0       | 1           |
| Oral Maxillo-<br>facial Surgery     | 0        | 1        | 0         | 0      | 0      | 0         | 0       | 0           |
| Ophthalmology                       | 4        | 6        | 16        | 0      | 0      | 12        | 1       | 4           |
| Orthopedic<br>Surgery               | 7        | 11       | 18        | 0      | 1      | 21        | 2       | 8           |
| Otolaryngology                      | 2        | 6        | 13        | 0      | 0      | 8         | 0       | 3           |
| Otorhino-<br>laryngology            | 0        | 0        | 1         | 0      | 0      | 1         | 0       | 0           |
| Pain Mgmt. /<br>Rehab Medicine      | 0        | 0        | 0         | 0      | 0      | 3         | 0       | 1           |
| Pathology                           | 3        | 3        | 26        | 0      | 0      | 10        | 1       | 2           |
| Pediatric<br>Forensic Med           | 0        | 1        | 0         | 0      | 0      | 0         | 0       | 0           |
| Pediatric<br>Gastroenterology       | 0        | 0        | 0         | 0      | 0      | 1         | 0       | 0           |
| Pediatric Surgery                   | 0        | 0        | 1         | 0      | 0      | 1         | 0       | 0           |
| Pediatric<br>Cardiology             | 0        | 0        | 1         | 0      | 0      | 1         | 0       | 0           |
| Physical Med &<br>Rehabilitation    | 3        | 3        | 2         | 0      | 0      | 4         | 1       | 2           |
| Plastic Surgery                     | 1        | 2        | 8         | 0      | 1      | 3         | 1       | 1           |
| Psychiatry                          | 4        | 6        | 5         | 0      | 0      | 16        | 0       | 2           |
| Pulmonary<br>Critical Care Med      | 1        | 1        | 8         | 0      | 0      | 3         | 0       | 1           |
| Pulmonary<br>Diseases               | 1        | 1        | 2         | 0      | 0      | 4         | 0       | 1           |
| Pulmonary<br>Medicine               | 0        | 0        | 8         | 0      | 0      | 1         | 0       | 0           |
| Radiation<br>Oncology               | 2        | 0        | 8         | 0      | 0      | 5         | 0       | 0           |
| Radiology                           | 5        | 8        | 21        | 0      | 0      | 14        | 0       | 4           |

| Specialty             | Angelina  | Brazoria   | Galveston  | Hardin   | Jasper   | Jefferson  | Liberty   | Nacogdoches |
|-----------------------|-----------|------------|------------|----------|----------|------------|-----------|-------------|
| Rheumatology          | 2         | 0          | 3          | 0        | 0        | 4          | 0         | 1           |
| Sleep Medicine        | 0         | 0          | 0          | 0        | 0        | 1          | 0         | 0           |
| Therapeutic Radiology | 0         | 0          | 1          | 0        | 0        | 2          | 0         | 0           |
| Thoracic Surgery      | 0         | 0          | 2          | 0        | 0        | 2          | 0         | 0           |
| Trauma Surgery        | 0         | 0          | 0          | 0        | 0        | 1          | 0         | 0           |
| Urology               | 2         | 2          | 6          | 0        | 1        | 9          | 0         | 3           |
| <b>TOTAL</b>          | <b>84</b> | <b>132</b> | <b>432</b> | <b>2</b> | <b>3</b> | <b>343</b> | <b>12</b> | <b>69</b>   |

## Specialty Care Physicians (Newton thru Tyler Counties by Specialty)

| Specialty                              | Newton | Orange | Polk | Sabine | San Augustine | San Jacinto | Shelby | Tyler | TOTAL All 16 Counties |
|--|--------|--------|------|--------|---------------|-------------|--------|-------|-----------------------|
| Administrative Medicine                | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 2                     |
| Aerospace Medicine                     | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 7                     |
| Allergy & Immunology                   | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 18                    |
| Anatomic Pathology                     | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 4                     |
| Anesthesiology                         | 0      | 1      | 1    | 0      | 0             | 0           | 0      | 0     | 123                   |
| Anesthesiology/<br>Pain Mgmt.          | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 10                    |
| Blood Banking/<br>Transfusion Medicine | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 1                     |
| Cardiology                             | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 15                    |
| Cardiovascular Diseases                | 0      | 1      | 1    | 0      | 0             | 0           | 0      | 0     | 50                    |
| Cardiovascular Surgery                 | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 1     | 8                     |
| Child/Adolescent Psychiatry            | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 12                    |
| Child Neurology                        | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 2                     |
| Colo-Rectal Surgery                    | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 2                     |
| Critical Care Medicine                 | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 2                     |
| Dermatology                            | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 29                    |
| Diagnostic Radiology                   | 0      | 1      | 0    | 0      | 0             | 0           | 0      | 0     | 39                    |
| Electro-physiology                     | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 1                     |
| Emergency Medicine                     | 0      | 4      | 2    | 0      | 1             | 0           | 0      | 1     | 111                   |
| Endocrinology, Diabetes & Metabolism   | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 12                    |
| Forensic Pathology                     | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 4                     |
| Gastroenterology                       | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 29                    |
| General Surgery                        | 0      | 1      | 2    | 0      | 0             | 0           | 0      | 0     | 38                    |
| Hematology/<br>Oncology                | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 9                     |
| Hospitalist                            | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 3                     |
| Infectious Diseases                    | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 12                    |
| Internal Med – Peds                    | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 5                     |
| Interventional Cardiology              | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 8                     |
| Interventional Radiology               | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 4                     |



| Specialty                     | Newton | Orange | Polk | Sabine | San Augustine | San Jacinto | Shelby | Tyler | TOTAL All 16 Counties |
|-------------------------------|--------|--------|------|--------|---------------|-------------|--------|-------|-----------------------|
| Neonatal/ Perinatal Med       | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 10                    |
| Neonatology                   | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 10                    |
| Nephrology                    | 0      | 0      | 1    | 0      | 0             | 0           | 0      | 0     | 34                    |
| Neuro-Physiology (Neurology)  | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 1                     |
| Neurological Surgery          | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 14                    |
| Neurology                     | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 38                    |
| Obstetric & Gyn Surgery       | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 4                     |
| Occupational Medicine         | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 3                     |
| Oncology                      | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 14                    |
| Oral Maxillo-facial Surgery   | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 1                     |
| Ophthalmology                 | 0      | 0      | 1    | 1      | 0             | 0           | 0      | 0     | 45                    |
| Orthopedic Surgery            | 0      | 1      | 2    | 0      | 0             | 0           | 0      | 0     | 71                    |
| Otolaryngology                | 0      | 1      | 0    | 0      | 0             | 0           | 0      | 0     | 33                    |
| Otorhino-laryngology          | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 2                     |
| Pain Mgmt. / Rehab Medicine   | 0      | 1      | 1    | 0      | 0             | 0           | 0      | 0     | 6                     |
| Pathology                     | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 45                    |
| Pediatric Forensic Med        | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 1                     |
| Pediatric Gastroenterology    | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 1                     |
| Pediatric Surgery             | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 2                     |
| Pediatric Cardiology          | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 2                     |
| Physical Med & Rehabilitation | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 15                    |
| Plastic Surgery               | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 17                    |
| Psychiatry                    | 0      | 0      | 1    | 0      | 0             | 0           | 0      | 0     | 34                    |
| Pulmonary Critical Care Med   | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 14                    |
| Pulmonary Diseases            | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 9                     |
| Pulmonary Medicine            | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 9                     |
| Radiation Oncology            | 0      | 0      | 0    | 0      | 0             | 0           | 0      | 0     | 15                    |
| Radiology                     | 0      | 0      | 2    | 0      | 0             | 0           | 0      | 0     | 54                    |

| Specialty             | Newton   | Orange    | Polk      | Sabine   | San Augustine | San Jacinto | Shelby   | Tyler    | TOTAL All 16 Counties |
|-----------------------|----------|-----------|-----------|----------|---------------|-------------|----------|----------|-----------------------|
| Rheumatology          | 0        | 0         | 0         | 0        | 0             | 0           | 0        | 0        | 10                    |
| Sleep Medicine        | 0        | 0         | 0         | 0        | 0             | 0           | 0        | 0        | 1                     |
| Therapeutic Radiology | 0        | 0         | 0         | 0        | 0             | 0           | 0        | 0        | 3                     |
| Thoracic Surgery      | 0        | 0         | 0         | 0        | 0             | 0           | 0        | 0        | 4                     |
| Trauma Surgery        | 0        | 0         | 0         | 0        | 0             | 0           | 0        | 0        | 1                     |
| Urology               | 0        | 0         | 0         | 0        | 0             | 0           | 0        | 0        | 23                    |
| <b>TOTAL</b>          | <b>0</b> | <b>11</b> | <b>14</b> | <b>1</b> | <b>1</b>      | <b>0</b>    | <b>0</b> | <b>2</b> | <b>1106</b>           |

Data Source: www.texasmedicalboard. 2015.

## Emergency Department Visits

| County/State/US | County Population | # ED Visits | ED Visits<br>(% of Population) |
|-----------------|-------------------|-------------|--------------------------------|
| Angelina        | 89,839            | 53,178      | 59.5                           |
| Brazoria        | 330,385           | 51,000      | 15.4                           |
| Galveston       | 305,938           | 71,447      | 23.2                           |
| Hardin          | 54,945            | -           | -                              |
| Jasper          | 35,797            | 20,234      | 56.5                           |
| Jefferson       | 252,157           | 202,560     | 80.3                           |
| Liberty         | 76,013            | 22,506      | 29.6                           |
| Nacogdoches     | 65,085            | 49,141      | 75.5                           |
| Newton          | 14,340            | -           | -                              |
| Orange          | 82,372            | 17,999      | 21.9                           |
| Polk            | 45,620            | 21,174      | 46.4                           |
| Sabine          | 10,604            | 3,593       | 33.9                           |
| San Augustine   | 8,855             | 5,208       | 58.8                           |
| San Jacinto     | 26,669            | -           | -                              |
| Shelby          | 25,677            | 8,771       | 34.2                           |
| Tyler           | 21,619            | 11,666      | 54.0                           |
| <b>Texas</b>    | 29,956,958        | 9,856,604   | 32.9                           |
| <b>US</b>       | 311,536,591       | 136,300,000 | 44.5                           |

Data Source: [www.communitycommons.org](http://www.communitycommons.org) accessed 2015.

## Percentage of Population without Health Insurance

| County        | Age 0 – 18 | Age 18 – 64 | Age 65 |
|---------------|------------|-------------|--------|
| Angelina      | 10.82      | 27.76       | 1.01   |
| Brazoria      | 11.90      | 25.42       | 1.78   |
| Galveston     | 10.36      | 24.45       | .68    |
| Hardin        | 10.92      | 25.48       | .42    |
| Jasper        | 11.34      | 34.83       | .67    |
| Jefferson     | 13.65      | 32.18       | 1.29   |
| Liberty       | 12.27      | 35.28       | .73    |
| Nacogdoches   | 12.67      | 32.25       | 1.59   |
| Newton        | 10.05      | 35.33       | .52    |
| Orange        | 11.53      | 27.92       | .11    |
| Polk          | 15.32      | 37.16       | .23    |
| Sabine        | 7.37       | 41.83       | 0      |
| San Augustine | 23.64      | 35.91       | 0      |
| San Jacinto   | 9.68       | 32.55       | 0      |
| Shelby        | 16.87      | 37.15       | 1.95   |
| Tyler         | 11.60      | 27.54       | .42    |
| <b>Texas</b>  | 13.73      | 30.44       | 1.95   |
| <b>US</b>     | 7.61       | 20.59       | .97    |

Data Source: [www.communitycommons.org](http://www.communitycommons.org) accessed 2015.

**HOSPITAL DISCHARGES – UNDER 18 YEARS OF AGE  
BY COUNTY, MEDICAID STATUS, CHAT AND ALL TEXAS HOSPITALS**

Texas Population: 29,956,958

| County         | County Type | Total Discharges < 18 Years of Age |                  |                |                                  | Medicaid Discharges < 18 Years of Age |                     |                |                                  |
|----------------|-------------|------------------------------------|------------------|----------------|----------------------------------|---------------------------------------|---------------------|----------------|----------------------------------|
|                |             | Population < 18 Years              | Total Discharges |                | % Discharges from CHAT Hospitals | Medicaid Enrollment < 19 Years        | Medicaid Discharges |                | % Discharges from CHAT Hospitals |
|                |             |                                    | All Hospitals    | CHAT Hospitals |                                  |                                       | All Hospitals       | CHAT Hospitals |                                  |
| Angelina       | Rural       | 23,425                             | 657              | 198            | 30.1                             | 10,304                                | 292                 | 98             | 33.6                             |
| Brazoria       | Urban       | 91,202                             | 2,878            | 944            | 32.8                             | 24,192                                | 1,247               | 333            | 26.7                             |
| Galveston      | Urban       | 75,016                             | 2,951            | 409            | 13.9                             | 24,182                                | 1,483               | 126            | 8.5                              |
| Hardin         | Urban       | 14,275                             | 691              | 84             | 12.2                             | 4,219                                 | 358                 | 30             | 8.4                              |
| Jasper         | Rural       | 8,831                              | 324              | 67             | 20.7                             | 4                                     | 193                 | 41             | 21.2                             |
| Jefferson      | Urban       | 60,696                             | 3,421            | 355            | 10.4                             | 28,813                                | 2,391               | 221            | 9.2                              |
| Liberty        | Urban       | 19,717                             | 735              | 215            | 29.3                             | 8,561                                 | 394                 | 107            | 27.2                             |
| Nacogdoches    | Rural       | 16,094                             | 611              | 69             | 11.3                             | 7,484                                 | 385                 | 49             | 12.7                             |
| Newton         | Urban       | 3,200                              | 103              | 23             | 22.3                             | 1,480                                 | 69                  | 16             | 23.2                             |
| Orange         | Urban       | 20,569                             | 1,202            | 98             | 8.2                              | 8,047                                 | 762                 | 45             | 5.9                              |
| Polk           | Rural       | 9,648                              | 320              | 115            | 35.9                             | 4,821                                 | 147                 | 70             | 47.6                             |
| Sabine         | Rural       | 2,051                              | 95               | 28             | 29.5                             | 899                                   | 58                  | 24             | 41.4                             |
| San Augustine  | Rural       | 1,843                              | 71               | 7              | 9.9                              | 1,031                                 | 44                  | 5              | 11.4                             |
| San Jacinto    | Rural       | 6,413                              | 107              | 25             | 23.4                             | 2,717                                 | 50                  | 15             | 30.0                             |
| Shelby         | Rural       | 6,759                              | 269              | 32             | 11.9                             | 3,352                                 | 169                 | 25             | 14.8                             |
| Tyler          | Rural       | 4,240                              | 148              | 31             | 20.9                             | 1,786                                 | 72                  | 15             | 20.8                             |
| <b>Average</b> |             | <b>22,749</b>                      | <b>911</b>       | <b>169</b>     | <b>20.2</b>                      | <b>8,243</b>                          | <b>507</b>          | <b>76</b>      | <b>21.4</b>                      |
| <b>Total</b>   |             | <b>363,979</b>                     | <b>14,583</b>    | <b>2,700</b>   |                                  | <b>131,892</b>                        | <b>8,114</b>        | <b>1,220</b>   |                                  |

Data Source: www.texashospitalassociation. Accessed 2015.

## References

1. Burn Incidence and Treatment in the United States: 2015 American Burn Association  
[www.ameriburn.org/resources\\_fact\\_sheet.php](http://www.ameriburn.org/resources_fact_sheet.php)
2. Community Health Needs Assessment: Community Commons Tool  
[assessment.communitycommons.org/CHNA/report.aspx](http://assessment.communitycommons.org/CHNA/report.aspx)
3. Community Health Centers by County  
[www.tachc.org/find\\_healthcare\\_center](http://www.tachc.org/find_healthcare_center)
4. Emergency and Outpatient Utilization Data for Texas Acute Care Hospitals by County, 2010  
DSHS/AHA/THA Annual Survey of Hospitals and Hospital Tracking Database  
Prepared By: Hospital Survey Unit, CHS, DSHS
5. Small Area Health Insurance Estimates  
U.S. Census Bureau and the Centers for Disease Control and Prevention - State and County by Demographic and Income Characteristics
6. HIV/AIDS Epidemic in the United States – The Henry J. Kaiser Family Foundation  
[kff.org/hiv/aids/fact-sheet](http://kff.org/hiv/aids/fact-sheet)
7. Pre-term Births as a Percentage of all Births for All Races (for U.S. and Texas)  
Henry J. Kaiser Family Foundation  
<http://kff.org/other/state-indicator/preterm-births-by-raceethnicity>
8. Selected Social Characteristics in the U.S. - United States and Texas Data  
2009-13 American Community Survey 5-Year Estimates  
U.S. Census Bureau American Fact Finder
9. Diabetes Mortality - U.S. Data, Centers for Disease Control and Prevention  
[www.cdc.gov/nchs/fastats/diabetes.htm](http://www.cdc.gov/nchs/fastats/diabetes.htm)
10. Texas CHIP Enrollment by County  
April 2014, Texas Health and Human Services Commission
11. Texas Counties Ranking by Population  
Texas Demographics by Cubit  
[www.texas-demographics.com/counties\\_by\\_population](http://www.texas-demographics.com/counties_by_population)
12. Texas Counties: Median Household Income  
Compiled by the County Information Program, Texas Association of Counties  
U.S. Census Bureau, Small Area Income & Poverty Estimates (2014)  
[www.txcip.org/tac/census/morecountyinfo.php](http://www.txcip.org/tac/census/morecountyinfo.php)

13. Incarceration Rate Report – October 2015 (Based on 2014 Population Estimates)
  - Texas Commission on Jail Standards
  - United States Penitentiary, Beaumont – Jefferson County
  - Prison Information: [https://en.wikipedia.org/wiki/United\\_States\\_Penitentiary\\_Beaumont](https://en.wikipedia.org/wiki/United_States_Penitentiary_Beaumont)
14. Invasive Cancer Incidence Rates by County in Texas
  - Texas Cancer Registry
15. State Cancer Profiles, National Cancer Institute/CDC
  - Cancer Sites: Brain & ONS, Digestive/Stomach, Endocrine/Thyroid, Leukemia, Lymphoma, Oral Cavity & Pharynx, Melanoma, Urinary/Kidney & Renal Pelvis
  - <http://statecancerprofiles.cancer.gov/incidencerates/index.php>
16. Texas Health Facts Profiles, 2013, Texas Department of State Health Services
  - <http://healthdata.dshs.texas.gov/healthfactsprofiles>
17. Texas County Health Rankings and Roadmaps
  - [www.countyhealthrankings.org/app/texas/2015/county/snapshots](http://www.countyhealthrankings.org/app/texas/2015/county/snapshots)
18. Texas Health Statistics for Tuberculosis, Pertussis, Varicella and Syphilis
  - Texas Department of State Health Services
  - [www.dshs.state.tx.us/idcu/diseasestatistics](http://www.dshs.state.tx.us/idcu/diseasestatistics)
19. Primary Care Physicians by County of Practice / Primary Care Specialty Physicians by County
  - Texas Department of State Health Services
  - [www.dshs.state.tx.us/chs/hprc/tables](http://www.dshs.state.tx.us/chs/hprc/tables)
20. Texas Acute Care and Psychiatric Hospitals / Acute Care and Psychiatric Care Beds Report by County
  - DSHS/AHA/THA Annual Survey of Hospitals and Hospitals Tracking Database
21. Health Insurance Coverage of the Total US Population
  - Henry J. Kaiser Family Foundation
  - <http://kff.org/other/state-indicators/total-population>
22. Hospital Discharges Under 18 Years of Age by County of Residence and Medicaid Status, CHAT and All Texas Hospitals, 2012
  - Texas Department of State Health Services, Center for Health Statistics
23. Psychologists, 2014 – by Texas County
  - Texas Department of State Health Services
  - <http://www.dshs.state.tx.us/chs/hprc/tables>

24. Physician Assistants, 2015 – by Texas County  
Texas Medical Board, September 2015
25. Nurse Practitioners, 2015 – by Texas County  
Texas Department of State Health Services  
<http://www.dshs.state.tx.us/chs/hprc/tables>
26. US Population Statistics – by Age  
Summary, Population and Housing Characteristics  
US Census Bureau, 2010 Census
27. Primary Care, Dental Care & Mental Health: Texas, County and County Equivalent Listing  
2015 Federal Register, July 2015
28. HRSA and MUA/P Designations by Texas County  
HRSA Data Warehouse/Health Resources and Services Administration  
<http://datawarehouse.hrsa.gov/tools/analyzers>
29. Specialty Care Physicians – by Texas County  
Texas Medical Board  
<http://www.dshs.state.tx.us/chs/hprc/tables/2015/15PC.aspx>
30. Overview of the Texas Economy – Current State Economic and Demographic Trends  
<http://gov.texas.gov/files/ecodev/texas-economic-overview.pdf>
31. Health Insurance Coverage: Early Release of Estimates from the National Health Interview Survey, 2014  
Division of Health Interview Statistics, National Center for Health Statistics  
U.S. Department of Health and Human Services – Centers for Disease Control and Prevention – National Center for Health Statistics – Released 6/15
32. EMS First Responder Organizations – Texas by County  
Texas Department of State Health Services
33. U.S. Fire Experience by Region 2007-11 & Demographic and Other Characteristics Related to Fire Deaths  
National Fire Protection Association  
[www.nfpa.org/research/reports-and-statistics/fires-in-the-us/overall-fire-problem](http://www.nfpa.org/research/reports-and-statistics/fires-in-the-us/overall-fire-problem)  
[www.nfpa.org/research/reports-and-statistics/demographics-and-victim-patterns](http://www.nfpa.org/research/reports-and-statistics/demographics-and-victim-patterns)
34. Truven Health Analytics  
<http://hdqshrpt/shc/Planning/Business%20Plan%20Development>
35. Government Publishing Office. Wednesday, December 31, 2014. Rules and Regulations.  
Federal Register Volume 79, Number 250 [FR Doc No: 2014-30525], pages 78,953-79,016.



36. Retrieved from the Federal Register at [www.gpo.gov](http://www.gpo.gov).

37. Shriners Hospitals for Children. (2016). Mission and Vision. Retrieved from <http://www.shrinershospitalsforchildren.org/mission-and-vision>