

# Community Health Assessment

## Cooke County

Prepared by:

F. Marie Hall Institute for Rural and Community Health  
Texas Tech University Health Sciences Center, and the  
Department of Political Science—Angelo State University

Principal Investigator:

Billy U. Philips, Jr., Ph.D., M.P.H.

West Texas AHEC Director:

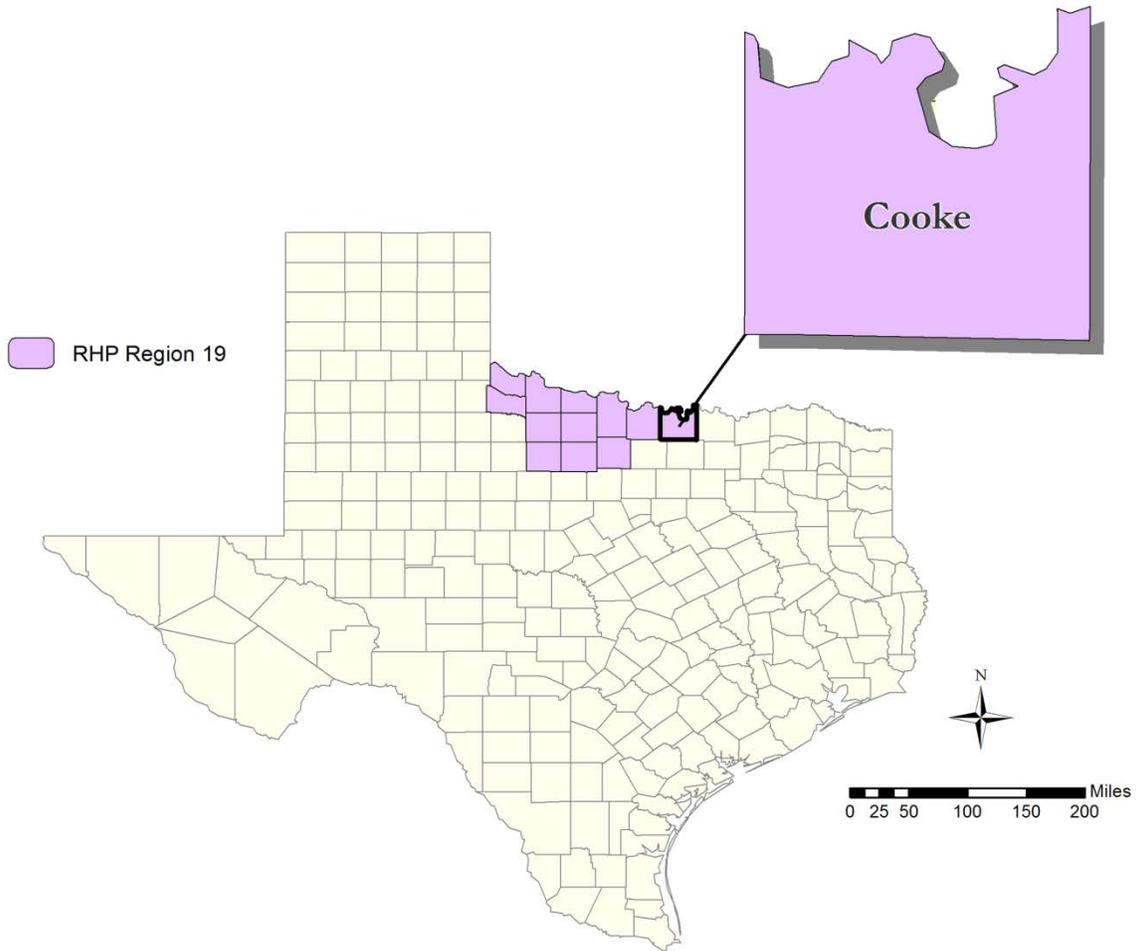
Becky Conditt, M.I.S.

Senior Analyst:

Jim Conditt



TEXAS TECH UNIVERSITY  
HEALTH SCIENCES CENTER™  
F. Marie Hall Institute for  
Rural and Community Health



## Demography and Population

### Population

Cooke County estimate population	38,396
Population Rank Among Texas' 254 Counties	77
Population per Square Mile	43.9
Area in Square Miles	874.76

### Ethnicity and Race

	% of County
White persons	92.8%
Black persons	3.2%
American Indian/Alaskan	1.4%
Asian	0.9%
Two + Races	1.5%
Hispanic/Latino	16.4%
White Not Hispanic	77.7%

<b>Gender</b>	<b>% in County</b>
Female	50.6%
Male	49.4%

<b>Age</b>	<b>% of County</b>
<05 Years	6.8%
<18 Years	25.6%
18-64 Years	58.2%
65+ Years	16.2%

Source: [www.census.gov](http://www.census.gov)

While the median age for Texas was 34.00 years in 2010, the Cooke County area had a median age of 39.00 according to the 2010 Census.

## Population and Gender

The gender distribution of an area can provide additional insight into the region's overall distribution in the population by male and female. Of the area's population, 19,056 were male which represents 49.6 percent and 19,381 were female which represents 50.4 percent. This compares to the statewide percentage of 49.6 percent for male and 50.4 percent for female.

### Special Age Groups and Gender

**Youth and Older Workers:** Other age cohorts may be of special interest for Workforce Development Board's summer youth programs and older worker programs. The Cooke County region has 5,185 persons age 15-24 representing 13.5 percent of the population. This compares with 14.7 percent statewide. For the potential older age cohort, 8,864 persons or 23.1 percent are 55 or over in the Cooke County region based on the 2010 Census. This compares to 20.7 percent statewide.

**Ages 25-44:** If the population cohort 45 and over is higher than the state average, this suggests a stable, mature population comprised of mainly "empty-nesters," retirees and the aged. When the 25-44 age cohort is higher than the state average, this is a healthy economic situation since this group contains the greatest share of the labor force. Decreases over time in this group, especially when similar changes are not occurring statewide, can be an indication that people are moving out of an area they consider to be a poor labor market. In Cooke County the total number in the age groups of 25 to 44, was 6,463 or 16.8 percent. This compares to a statewide percentage of 42.5 percent based on the 2010 Census.

**Ages 18 and Older:** For the population generally considered in the ages to participate in the labor market, the total population who were 18 years and over totaled 18,279,737 in Texas which represented 72.7 percent of the total population. In this study area, the total persons in this age group was 28,606 or 74.4 percent of the total population. Within this age group in Texas the number of males in 2010 who were 18 years and over represented 8,962,031 persons or 35.6 percent of the total population while

females age 18 years and over represented 9,317,706 or 37.1 percent. In the Cooke County area, males 18 and over represented 13,921 or 36.2 percent in comparison and females totaled to 14,685 or 38.2 percent.

**Veteran Status:** According to the U.S. Bureau of Census, the area had 26,379 persons in the population age 18 years and older in the year 2000. Of that number, 3,670 or 13.9 percent responded as being a civilian veteran, compared to 11.8 percent statewide. A "civilian veteran" is a person 18 years old or over who has served (even for a short time), but is not now serving, on active duty in the U.S. Army, Navy, Air Force, Marine Corps, or the Coast Guard, or who served in the U.S. Merchant Marine during World War II. People who served in the National Guard or military Reserves are classified as veterans only if they were ever called or ordered to active duty, not counting the 4-6 months for initial training or yearly summer camps.

**Disability Status:** From the 2000 Census, data on Disability Status were derived when respondents reported long-lasting conditions: (a) blindness, deafness, or a severe vision or hearing impairment, (sensory disability) and (b) a condition that substantially limits one or more basic physical activities such as walking, climbing stairs, reaching, lifting, or carrying (physical disability). Disability status was also derived if the individuals in the working age range of 21 to 64 years had a physical, mental, or emotional condition lasting 6 months or more that made it difficult to perform certain activities such as: (a) learning, remembering, or concentrating (mental disability); (b) dressing, bathing, or getting around inside the home (self-care disability); (c) going outside the home alone to shop or visit a doctor's office (going outside the home disability); and (d) working at a job or business (employment disability).

It was reported in the 2000 Census that the area had an estimated 8,616 persons residing there between the ages of 5 to 20 years of age with approximately 644 or 7.5 percent with a disability. In Texas, the percent with disabilities in this same age bracket was 7.9 percent. In the working age population group - ages 21 to 64 years, the area had approximately 19,430 persons, of which 3,914 were categorized to be in a disability status. This represented 20.1 percent compared to 19.9 percent in the state overall. For those persons in this age group that had a disability, approximately 2,298 or 58.7 percent were employed. For those who had no disability, an estimated 12,134 or 78.2 percent were employed. For the retirement age group of 65 years of age and older, 5,069 persons resided of which 2,201 were disabled. The percent of this age group with a disabled status was 43.4 percent and this compared to 44.8 percent in Texas overall.

**Ages 65 and Older:** For the population who are considered to be at the age of retirement or older - 65 years and older, the total number of persons in Texas was 2,601,886 or 10.3 percent of the total population in 2010. This region had a total of 6,100 or 15.9 percent in this older age group. In the same age group of 65 years and over, males in Texas represented 1,135,664 or 4.5 percent of the total population and females totaled to 1,466,222 or 5.8 percent, while in this study area, males totaled to 2,735 or 7.1 percent of all persons in this area and females represented 3,365 or 8.8 percent of all persons. For other general and special population information from the 2010 Census as well as specific populations topics, link to <http://www.census.gov/census2000/states/tx.html>.

## Population Projections

The Office of the State Demographer for the State of Texas distributes the most widely used population projections for Texas. Projection estimates in these tables and the methodology for migration scenarios have been revised as of 2008 by the Texas State Data Center and Office of the State Demographer - now housed at University of Texas San Antonio. Each projection series includes three scenarios resulting in three alternative sets of population values for the State and each county are presented in these projections. These scenarios assume the same set of mortality and fertility assumptions in each scenario but differ in their assumptions relative to net migration. The net migration assumptions made for four scenarios are derived from 1990-2000 patterns which have been altered relative to expected future population trends. This is done by systematically and uniformly altering the adjusted 1990-2000 net migration rates by age, sex and race/ethnicity. The scenarios so produced are referred to as the zero migration (0.0) scenario, the one-half 1990-2000 (0.5) scenario, the 1990-2000 (1.0) scenario, the 2000-2004 (2.0) scenario and the 2000-2007 (3.0) scenario.

The recommended scenario for most county based projection reporting used is believed to be the 0.5 scenario as most appropriate scenario for most counties in Texas. This scenario has been prepared as an approximate average of the zero (0.0) and 1990-2000 (1.0) scenarios. It assumes rates of net migration one-half of those of the 1990s. The reason for including this scenario is that many counties in the State are unlikely to continue to experience the overall levels of relatively extensive growth of the 1990s. A scenario which projects rates of population growth that are approximately an average of the zero and the 1990-2000 scenarios is one that suggests slower but steadier growth than occurred during 1990-2000 (For a more detailed discussion see <http://txsdc.utsa.edu>).

Using this projection scenario, the following table represents population projections for Cooke County as computed in 2008 by The Office of the State Demographer for the State of Texas:

Population Projections and Percent Change Since 2000*										
Year	Total	Pct Chg	Anglo	Pct Chg	Black	Pct Chg	Hispanic	Pct Chg	Other	Pct Chg
2000	36,363	---	31,107	---	1,159	---	3,627	---	470	---
2005	37,800	4.0	31,686	1.9	1,219	5.2	4,393	21.1	502	6.8
2010	39,412	8.4	32,339	4.0	1,282	10.6	5,250	44.7	541	15.1
2015	41,106	13.0	32,933	5.9	1,342	15.8	6,254	72.4	577	22.8
2020	42,668	17.3	33,252	6.9	1,403	21.1	7,411	104.3	602	28.1
2025	43,943	20.8	33,237	6.8	1,423	22.8	8,656	138.7	627	33.4
2030	44,967	23.7	32,909	5.8	1,444	24.6	9,972	174.9	642	36.6
2035	45,746	25.8	32,303	3.8	1,440	24.2	11,350	212.9	653	38.9
2040	46,483	27.8	31,559	1.5	1,423	22.8	12,845	254.1	656	39.6

\* Anglo, Black, and Other excludes Hispanic counts.

For comparison purposes, the Texas population projections, using the same scenario methodology, are as follows:

**Population Projections and Percent Change Since 2000\***

Year	Total	Pct Chg	Anglo	Pct Chg	Black	Pct Chg	Hispanic	Pct Chg	Other	Pct Chg
2000	20,851,820	---	11,074,716	---	2,421,653	---	6,669,666	---	685,785	---
2005	22,556,046	8.2	11,327,873	2.3	2,588,605	6.9	7,820,842	17.3	818,726	19.4
2010	24,330,646	16.7	11,533,976	4.1	2,754,751	13.8	9,080,459	36.1	961,460	40.2
2015	26,156,723	25.4	11,694,520	5.6	2,913,062	20.3	10,436,546	56.5	1,112,595	62.2
2020	28,005,740	34.3	11,796,448	6.5	3,052,417	26.0	11,882,980	78.2	1,273,895	85.8
2025	29,897,410	43.4	11,830,578	6.8	3,170,964	30.9	13,448,459	101.6	1,447,409	111.1
2030	31,830,575	52.7	11,789,274	6.5	3,268,623	35.0	15,140,100	127.0	1,632,578	138.1
2035	33,789,697	62.0	11,682,022	5.5	3,345,687	38.2	16,934,464	153.9	1,827,524	166.5
2040	35,761,165	71.5	11,525,089	4.1	3,403,163	40.5	18,804,311	181.9	2,028,602	195.8

\* Anglo, Black, and Other excludes Hispanic counts.

**County to County Migration**

Out-Migration: Using Internal Revenue Service (IRS) information regarding changes in residences between two filing years 2008 and 2009, statistics regarding moving in and out of counties can reveal patterns of migration as well as patterns of out-of-state and foreign migration to and from selected counties. During this time Cooke County reported 13,345 total tax returns were matched to tabulate outflow migration. Of these returns approximately 7.9 percent showed a change in residences by moving out from their originating county in 2008 to another county in 2009. Of these who moved out of their original county, 71.4 percent moved to another county within Texas, while 28.6 percent moved to a different state but within the U.S. Those who moved from their originating county in the year 2008 to a foreign country in 2009 was approximately 0.0 percent.

The IRS county migration data reports income by the number of returns and the number of exemptions. The number of returns - as a unit of analysis may be used as a proxy for household income and the number of exemptions may be used as a proxy for the number of individuals in a family. Using the number of returns for household income, the Cooke County overall has an average household earnings of \$53,531. Of those households which remained in the same area, an average reported non-migrating household income of \$54,839 during the period 2008 to 2009. Total income earned by 1,051 households leaving the region was \$39,697,000 which represents an average income of \$37,771.

The top 5 counties showing the most households and their average income leaving Cooke County to other counties during 2008 to 2009 were:

County and State	Households Moving Out	Average Income Moving Out
Denton County, TX	264	\$36,727
Grayson County, TX	119	\$32,798
Tarrant County, TX	63	\$40,048
Dallas County, TX	43	\$33,837
Love County, OK	41	\$23,756

In-Migration: During the period 2008 to 2009, there were approximately 13,692 total tax returns were matched to calculate inflow migration. Of these returns approximately 7.6 percent showed a change in residences by moving in from their originating county in 2008 to a county in the study area in 2009. Of these who moved into the study area from another county, 70.5 percent moved from other counties in Texas, while 29.5 percent moved from a county in a different state but within the U.S. Those who moved into the study area during the 2008-2009 period from a foreign country was approximately 0.0 percent.

Using the number of returns as a proxy for household income, the Cooke County overall has an average household earnings of \$53,728. Of those households which remained in the same area, had an average reported non-migrating household income of \$54,839 during the period 2008 to 2009. Total income earned by 1,035 households entering the region was \$41,539,000 which represents an average income of \$40,134.

The top 5 counties showing the most households and their average income migrating into Cooke County from other counties during 2008 to 2009 were:

County and State	Households Moving In	Average Income Moving In
Denton County, TX	237	\$45,169
Grayson County, TX	114	\$28,798
Montague County, TX	54	\$28,556
Tarrant County, TX	52	\$53,654
Dallas County, TX	42	\$42,548

Change in Aggregated Earnings: Gains and losses of residential earnings and buying power due to a migration can be reflected in observed differences in aggregate dollars entering and leaving an area. County to county migration information from the IRS shows a net change for the Cooke County region of \$1,842,000.00. A positive value represents an increase in earnings for an area and a negative value represents a loss of income during the 2008 - 2009 period.

Vital Statistics: According to the Texas Department of State Health Services for vital statistics for the year 2004, the Cooke County area had a total of 544 live births which represents a live birth rate of 14.1 births for every 1,000 persons in the study area compared to a statewide rate of 17.0 births per 1,000 persons in the population. The area had a total of 382 deaths representing a rate of 9.9 for every 1,000 persons compared to a statewide rate of 6.8.

## Employment

Civilian Labor Force (CLF): The most recent civilian labor force estimates from TWC for Texas statewide in May 2012 is 12,606,775 which is an increase in the labor force of 182,188 persons since May 2011. This represents a 1.5 percent change in Texas during this time period. These estimates are not seasonally adjusted. Cooke County had a civilian labor force of 24,173 for May 2012 which was a change of 1,125 in CLF since May 2011. This change represented an increase of 4.9 percent for the study area. For another glimpse into TWC/LMI's Texas and County information, link to: <http://www.tracer2.com/cgi/dataanalysis/AreaSelection.asp?tableName=Labforce>.

Economic Diversification: Relative to the Texas economy, the LMCI economic diversification index measures the degree to which a county economy is diversified. Significant concentrations of employment in only one or two industrial sectors makes an area less diversified and more susceptible to widespread economic decline should a key sector suffer a significant loss. While economic diversification or a balanced distribution of employment across all major industry sectors, is generally desirable, in some cases, especially where a region is exploiting a comparative advantage (such as access to raw materials, access to transportation routes, etc.) a statistically diverse economy does not necessarily correlate with higher growth. Of the three levels of diversification ranging from below average, average and above average, Cooke County had an economic base which is of average diversity.

Employment By Major Industry Sector: The most recent employment data from TWC by major industrial sector for Cooke County compared to Texas are shown below in a table for two years. The Department of Labor calls these major categories "Super Sectors". One advantage in reviewing employment changes at broad industrial levels is that it allows for a unique snapshot of major differences in the total employment for a selected study area when compared to any larger statewide trend. When employment changes at a higher rate than the state, there may be comparative advantages in the local economy which are driving these changes. Conversely, when change is at a lower rate, then the Super Sector is showing less change in comparison to the state and may consequently have a smaller comparative change impact.

Cooke County Industry Sector	AREA EMPLOYMENT				STATEWIDE EMPLOYMENT				US EMPLOYMENT			
	2010 3rd Qtr	2011 3rd Qtr	Emp Chg	Pct Chg	2010 3rd Qtr	2011 3rd Qtr	Emp Chg	Pct Chg	2010 3rd Qtr	2011 3rd Qtr	Emp Chg	Pct Chg
<b>Total, All Industries</b>	14,858	16,189	1,331	8.96	10,172,064	10,434,252	262,188	2.58	127,653,230	129,386,158	1,238,338	0.96
<b>Natural Resources &amp; Mining</b>	1,791	2,505	714	39.87	265,882	298,224	32,342	12.16	1,942,433	2,038,712	49,203	2.66
<b>Construction</b>	898	1,029	131	14.59	604,529	606,705	2,176	0.36	5,913,961	5,914,110	-63,755	-1.11
<b>Manufacturing</b>	2,637	3,054	417	15.81	818,521	847,734	29,213	3.57	11,625,347	11,852,448	217,317	1.89
<b>Trade, Transport. &amp; Utilities</b>	3,021	3,205	184	6.09	2,143,082	2,202,201	59,119	2.76	25,740,265	26,105,630	315,529	1.23
<b>Information</b>	115	134	19	16.52	202,207	203,238	1,031	0.51	2,850,053	2,819,004	-31,210	-1.09
<b>Financial Activities Group</b>	512	503	-9	-1.76	622,938	636,133	13,195	2.12	7,504,336	7,540,122	340	0.00
<b>Prof., Business &amp; Other Svcs</b>	654	589	-65	-9.94	1,295,982	1,367,174	71,192	5.49	17,085,848	17,654,216	567,084	3.36
<b>Education &amp; Health Svcs.</b>	2,581	2,457	-124	-4.80	2,409,110	2,432,847	23,737	0.99	28,768,729	29,056,521	220,420	0.72
<b>Leisure &amp; Hospitality Group</b>	1,385	1,457	72	5.20	1,048,766	1,087,138	38,372	3.66	14,008,113	14,300,161	269,835	1.96
<b>Other Services</b>	490	531	41	8.37	298,005	305,273	7,268	2.44	4,442,871	4,495,171	52,466	1.19
<b>Public Administration</b>	763	721	-42	-5.50	457,522	442,736	-14,786	-3.23	7,622,849	7,417,090	-432,784	-5.54

Compared to Texas, the table above shows employment sectors in Cooke County changed at a higher rate for Natural Resources & Mining, Construction, Manufacturing, Trade, Transport. & Utilities, Information, Leisure & Hospitality Group and Other Services between 3rd quarter 2010 and 3rd quarter 2011. During that same time period, area employment for Financial Activities Group, Prof., Business & Other Svcs, Education & Health Svcs. and Public Administration changed at a lower rate when compared to Texas.

Occupations: The best source of occupational information at the county level is from the 2000 Census. The total number of persons 16 years of age or older who were employed in Cooke County during the 2000 Census was 16,443. The following presents a table of those employed by occupational categories for this region compared to statewide percentages:

Occupational Categories	Count	Area Percent	Statewide Percent
<b>Mgmt., Professional Occs.</b>	4,142	25.2	33.3
<b>Service Occupations</b>	2,344	14.3	14.6
<b>Sales and Office Occupations</b>	3,956	24.1	27.2

<b>Farming/Fishing/Forestry Occs.</b>	222	1.4	0.7
<b>Constr., Extraction Occs.</b>	2,026	12.3	10.9
<b>Production, Transport. Occs.</b>	3,753	22.8	13.2

**Class of Worker:** Another way to view the types of workers in an area's labor force is by class of worker. According to the 2000 Census, the area had 12,316 employees who were private wage and salary workers representing 74.9 percent of all workers. The region had another 2,249 persons who were government workers or 13.7 percent, 1,766 who were self-employed workers or 10.7 percent and 112 who were unpaid family workers representing 0.7 percent. This compares to the Texas statewide distribution of 78.0 percent for private wage and salary workers, 14.6 percent for government workers, 7.1 percent for self-employed, and 0.3 percent for unpaid family workers.

**Unemployment:** According to TWC unemployment figures for May 2012 Cooke County had an unemployment estimate of 1,068 persons which represents a rate of 4.4 compared to a Texas statewide unemployment rate of 6.9 for the same month. For the study area these estimates represent a decrease from May 2011 unemployment rate of 5.3 percent. The Texas statewide unemployment rate was 7.8 for May 2011. For the latest unemployment rates, see TWC's LMI website - Unemployment Rates (LAUS): <http://www.tracer2.com/cgi/dataanalysis/AreaSelection.asp?tableName=Labforce> and for a description of methodology link to: <http://www.tracer2.com/article.asp?ARTICLEID=148>.

**Reporting Establishments:** The TWC indicates 927 business reporting units operating in Cooke County in the third quarter of 2011 with an average of 17.46 workers per unit. Average firm size makes a difference for job hunting and job development strategy because larger firms tend to have better defined ports of entry and in-house training capabilities. Although definitions vary greatly, small business can be defined as less than 50 workers and medium sized is 250 or less. The Texas average is 17.89 workers per unit. Regions with higher than average number of workers per unit tend to be dominated economically by a few very large employers.

**Commuting to Work:** Commuting to work for workers 16 years and over has a number of implications for transportation and municipal services study. Cooke County had a total of 12,536 or 77.5 percent who drove their car to work alone, 2,588 or 16.0 percent who car pooled, 137 or 0.8 percent used public transportation, 191 or 1.2 percent who walked to work, 135 or 0.8 percent of regional workers who used other means to work, and 596 or 3.7 percent who worked at home. These methods of commuting to work compare to the Texas statewide results by: car alone (77.7%), car pool (14.5%), public transportation (1.9%), walked (1.9%), other means (1.3%), and worked at home (2.8%). The average travel time to work in minutes was 25.70 for the region as compared to an overall statewide average of 25.4 minutes.

**Employers by Employee Size Class:** Employer contact information and employee size ranges are collected and updated by the Analyst Resource Center – Employer Database - InfoGroup/Government Division. The most current release is a product called the Employer Database 2012 2nd Edition. This product shows that the area had approximately 315 establishments which employed 10 or more employees. Of these employers, approximately 0.3 percent employed over 1000 employees. 0.0 percent

employed between approximately 500 and 999 employees, 2.9 percent employed between approximately 100 and 499 employees, 17.8 percent employed between 50 and 99 employees, 32.7 percent employed between 20 and 49 employees, and 46.3 percent employed between approximately 10 and 19 employees.

### **Top 11 Manufacturers for the Cooke County Region:**

- Gainesville Foundry Inc
- Ifs Coatings Inc
- Industrial Models Inc
- Martindale Feed Mill Inc
- Petroflex North America Ltd
- Poly Pipe Industries Inc
- Polychem Industries
- Superior Machining & Fab
- Texoma Web Offset Printing
- Weber Aircraft Llp
- Universal Machining Industries

### **Income**

Personal Income: According to the most recent data released by the BEA 2005, Cooke County's total personal income, excluding farm, was \$1,160,094,000 which represented an increase of \$107,461,000 when compared to the 2004 total personal income, excluding farm, of \$ 1,052,633,000. For Statewide personal income, the total of \$686,943,289,000 for 2004 and \$741,099,703,000 for the year 2004, shows an increase of \$54,156,414,000. This indicates that Cooke County has a personal income showing a rate change of 10.2 percent compared to the statewide income at a rate change of 7.9 percent for the same period. Income from all government and government enterprises for the area was a total of \$114,229,000 for the year 2005. This was an increase of 5.6 percent from the 2004 figure of \$108,127,000. Texas statewide had an increase of 5.7 percent for government income. Military income, excluding federal civilian income, for 2005 was \$3,545,000 compared to \$3,143,000 in 2004 for the study area. This was an increase of 12.8 percent compared to a statewide change of no change percent for the same period. For further information link to: <http://www.bea.gov/bea/regional/reis>.

Per Capita Income: Total personal income is a widely used measure of regional economic health while per capita income is generally used to compare the relative well-being of residents across areas (not accounting for differences in area cost of living). The per capita personal income for 2005 was \$29,771 in Cooke County while Texas statewide had a per capita income of \$32,460. For more information on this data, please go to <http://www.bea.gov/bea/regional/reis>.

Government Transfer Payments: The Cooke County region received over \$189,116,000 in transfer of payments in FY2005 which reflected a \$4,866 per capita transfer payment compared to the Texas per

capita payment of \$4,194. Transfer payments includes the total amount of government allocations to people who qualify for income assistance. This consists largely of supplemental security income payments, family assistance, general assistance payments, food stamp payments, and other assistance payments, including emergency assistance. More information <http://www.bea.gov/beat/regional/reis>. Residence Adjustment: Some areas function as major employment centers and others serve as "bedroom communities". This means that residents may work in one region but live, pay taxes and spend most of their income in their resident region. The degree to which a regional area serves as a bedroom community can be measured by a "residence adjustment" to the area personal income. The residence adjustment in the Cooke County region was \$116,803 in 2005. By 2006 the adjustment represented an increase to \$121,671. A negative number implies that workers commute into the region to earn income but do not reside there. Growth over time of negative residence adjustments generally implies an eroding tax base for the region. Similarly, a positive figure implies that on balance the region exports jobs and income to residents of other regions. For more information on this data, please go to <http://www.bea.gov/beat/regional/reis>.

Average Weekly Wage: TWC reported an average weekly wage during 3rd quarter 2010 for all covered wages and salaried employment in the Cooke County region to be \$742.82. Average weekly wages for 3rd quarter 2011 was \$840.64, an increase of 13.2 percent. This is compared to an increase of 6.3 percent statewide for the same period of time. The Texas statewide average weekly wage in the 3rd quarter of 2010 was \$931.50. These wage data are the result of the reported quarterly wages and salaries paid by employers divided by 13 weeks. For the most current information, link to: <http://www.tracer2.com/cgi/dataanalysis/AreaSelection.asp?tableName=Industry>

UI Benefits: The region had \$1,431,746 in Unemployment Insurance benefits paid during calendar year 2008. In the Cooke County region, the average duration before exhausting regular UI benefits in calendar year 2008 was approximately 9.8 weeks, while the statewide average duration before exhausting regular UI benefits in calendar year 2008 was approximately 13.4 weeks. The most likely interpretation of longer duration times is greater difficulty finding a job. Therefore, duration can serve as a good barometer for local general economic conditions. The average weekly benefits payment for Regular UI in 2008 was \$328.29 for the Cooke County region compared to \$307.5 in Texas statewide.

Personal Income by Place of Residence: Personal income by place of residence, based on the 2000 Bureau of Economic Analysis (BEA) estimates was roughly \$62,908 for the Cooke County region. This compares to \$78,626 statewide. This figure is much higher than the per capita income level because it includes all wage earners living within a single household. Also, income data from BEA will be different than income data from other agencies due to that fact the BEA includes other sources of income such as farm wages, dividends, interest, rent and transfer payments. For more information on this data, please go to <http://www.bea.gov/beat/regional/reis>.

Poverty Population: The U.S. Department of Census estimated a 2002 poverty population for the Cooke County region for people of all ages at 4,885 persons. That figure represents 12.9 percent of the non-institutional population compared to a Texas percentage of 15.4 percent for people of all ages. The estimated number of people under the age of 18 in the study area in poverty was 1,962 in 1999. This

figure was 6.1 percent of all people under 18 in the study area compared to Texas statewide which was 6.0 percent of all people under 18 as estimated in 1999. According to the 2000 Census, the number of families living below poverty status in 1999 were 1,098 which was 10.9 percent of all families in the study area. This compared to 12.0 percent of all families statewide living in poverty status in 1999. The total number of individuals living below poverty status was 5,020 in 1999 which was 13.1 percent of all individuals in the study area. This compared to 12.4 percent of all individuals living below poverty status statewide. For the most recent Poverty information, see: <http://www.census.gov/hhes/www/saipe/county.html>.

Gross Retail Sales: Income can be viewed in several ways and under different definitions. Per capita income tends to have a direct relationship with the growth of gross sales and most service sector industries in an area. Gross sales for the region estimated by the Texas Comptroller of Public Accounts were \$143,816,978 in the 3rd quarter 2010 which represented an increase of 20.7 percent to \$173,533,330.00 by the 3rd quarter 2011. The statewide change for the same period was an increase of 9.1 percent in gross sales. The total number of reporting outlets for the same period was 451 in the 3rd quarter 2010 and 451 in the 3rd quarter 2011. This region had no change in the study area compared to the statewide change for the same period of an increase of 4.2 percent. For the most recent Gross Retail Sales information, please see: <http://www.window.state.tx.us/taxinfo/sales/>.

## Socioeconomic Indicators

	<b>County</b>	<b>State</b>
Per Capita Personal Income	\$23,598	\$24,870
Median Household Income	\$48,899	\$49,646

Source: www.census.gov

Unemployment Rate	6.6%	8.2%
Average Monthly TANF Recipients (Temporary Assistance to Needy Families)	63	104,693
Average Monthly SNAP Recipients (Supplemental Nutrition Assistance Program)	3,489	2,819,469
Unduplicated Medicaid Clients	6,722	4,762,787
Average Monthly CHIP Enrollment	627	466,242

	<b>#County</b>	<b>%County</b>	<b>#State</b>	<b>%State</b>
Without Health Insurance				
<18	2,139	21.2%	1,375,714	19.5%
<65	8,810	27.3%	5,765,126	26.8%
Persons Living Below Poverty Level	5,564	14.8%	4,143,077	17.1%

Source: <http://www.dshs.state.tx.us/chs/>

## Housing

**Household Units and Size:** The total number of housing units in 2000 in Cooke County according to the Census was 13,643 with an average household size of 2.6 persons. The average household size for Texas was 2.7 persons for the same period. Home ownership rates for this area was 72.1 percent compared to Texas statewide which had a rate of 63.8 percent. While in Texas statewide the percent of households with persons under 18 years of age in 2000 was 40.9 percent, this study area had a percent of 37.2. The percent of households with persons 65 years of age or older was 19.9 percent in Texas statewide while 27.3 percent of Cooke County had households with individuals 65 years of age and older.

**Types of Structures:** While Texas had approximately 63.4 percent of the housing units in the category of one detached structures in 2000 according to the census, the study area had approximately 75.3 percent. Mobile homes in the area made up 16.0 percent when compared to a statewide percentage of 9.0 percent. More recently built housing structures in the area shows new development has taken place in the region. The total number of new housing structures built between 1995 and March 2000 was 1,713 or 11.4 percent in Cooke County compared to 13.2 percent statewide.

**Owner and Renter Occupied:** According to the 2000 Census, the percent of owner-occupied units with a value of \$100,000 or greater in Cooke County was 28.8 percent compared to 36.7 percent for the state. The percent of renter-occupied units with rent values of \$500 per month or greater was 38.6 percent as compared to the Texas percentage of 60.4 percent. The median home value in Cooke County according to the 2000 census was \$73,100.00 compared to a statewide median value of \$82,500.00. Median rent for the area was \$458.00 compared to \$574.00 for the state. For this area, the total number of renter-occupied housing units was 3,802 which represented 27.9 percent of all occupied housing units in 2000. This compares to a Texas statewide percentage of 36.2 percent for the same period.

## Education

The total number of public independent school districts in Cooke County for the school year 1999-2000 was 9 according to the Texas Education Agency. The overall average daily attendance for the same year was 5,715.

**Enrollment:** School enrollment data from the 2000 Census showed that there were 9,620 persons in the population who were 3 years of age and older and enrolled in school in the study area during the census collection period. Of this population, the following table shows a breakdown of what types of schools persons were enrolled compared to similar statewide information:

Type of School	Count	Area Percent	Statewide Percent
Nursery school or preschool	617	6.4	6.6
Kindergarten	397	4.1	5.9
Elementary School (grades 1-8)	4,743	49.3	45.5
High School (grades 9-12)	2,325	24.2	21.9
College or graduate school	1,538	16.0	20.2

Educational Attainment: The total number of persons 25 years of age or older who responded to the level of educational attainment during the 2000 Census was 23,148. Of those persons, the following presents a table on various levels of educational attainment for this region compared to statewide percentages:

Educational Attainment	Count	Area Percent	Statewide Percent
Less than 9th Grade	1,741	7.5	11.5
9th to 12th grade, no diploma	3,074	13.3	12.9
H.S. graduate (inc. equiv.)	7,296	31.5	24.8
Some college, no degree	5,831	25.2	22.4
Associate Degree	1,572	6.8	5.2
Bachelor's Degree	2,411	10.4	15.6
Graduate or Prof. Degree	1,223	5.3	7.6

Another useful grouping of these statistics shows that the percent of high school graduates or higher was 79.2 percent for the area compared to 75.7 percent for Texas. Also, the percent with bachelor's degree or higher was 15.7 percent as compared to 23.2 percent for Texas.

Dropout and Attrition Rates: Information from the Texas Education Agency on student dropouts from public schools for 2004-2005 shows that 15 students, grades 7-12, dropped out of school in this study area. This represents a dropout rate of 0.49 percent as compared to a Texas statewide percentage of 0.90 percent of all students who dropped out during this period. Attrition rates are often viewed as measures of the percentage of students that begin high school but do not graduate with a diploma. It is arguably a more reasonable way to view dropouts from an economic viewpoint. One way to view educational progress in a region is to estimate the number of persons who persist to high school graduation as opposed to standard dropout statistics. Attrition rates are calculated by the Intercultural Development Research Association (IDRA). IDRA conducts research and development activities; creates,

implements and administers innovative education programs; and provides teacher, administrator, and parent training and technical assistance. The attrition rates for Cooke County during the period 2004-2005 by race and ethnicity were 28 percent for all students, 16 percent for Blacks, 24 percent for Whites, and 51 percent for Hispanics. In order to review the latest Secondary Schools Enrollment and Dropouts information posted on the Texas Education Agency, link to: <http://www.tea.state.tx.us/research/>.

## Health

Health Facilities - The number of acute and psychiatric care hospitals in Cooke County as of October 2007 was 2, with an average total beds capacity of approximately 39.0 compared to a statewide ratio of 123.1 beds per hospital according to statistical reports from the Texas Department of State Health Services. Link to <http://www.dshs.state.tx.us> for more data reporting on health care facilities. The Texas State Board of Pharmacy data for October 2007 shows there are 12 licensed pharmacies in the study area. The total number of licensed pharmacies statewide is 5,919. For additional information on Texas Pharmacies, link to the Texas State Board of Pharmacy at <http://www.tsbp.state.tx.us/index.htm>.

Health Practitioners - According to the Texas Department of State Health Services October 2007 report, there were 46 direct patient care and primary care physicians who practiced in the region. The ratio of total persons to each physician in the area was 860.4 residents per each physician. This compares to a statewide ratio of 460.5 persons for each physician in Texas. Another way of reporting these figures is by showing the number of physicians as a ratio per 100,000 residents. In this study area, the ratio in direct patient care was 1,465.9 as compared to the statewide ratio of 638.3 in direct patient care physicians per 100,000 population as of 2007. The ratio of physicians in primary care was 2,198.8 compared to a statewide ratio of 1,472.0 physicians in primary care per 100,000 persons in the population statewide. Link to <http://www.dshs.state.tx.us> for more data.

The study area had a total of 230 registered nurses (RN) working in the study area, representing a ratio of 172.1 persons for each RN in the area. The statewide ratio was 152.2 persons for each RN in the state. For the same time period, the ratio of RNs per 100,000 population was 581.1 compared to 657.0 per 100,000 statewide. Link to <http://www.dshs.state.tx.us> for more data.

The number of licensed vocational nurses (LVN) who practiced in the area was 178 representing a ratio of 222.3 persons per each LVN in the area. This compared to 363.8 persons per each LVN statewide. The ratio of LVNs per 100,000 population was 449.8 compared to 274.9 per 100,000 population statewide. See <http://www.dshs.state.tx.us> for a wider variety of Health Professionals and related information.

The Texas Department of State Health Services information for October 2007 also reports that there were 18 dentists in the study area, with a ratio of 2,198.8 persons for each dentist in the area. The ratio of dentists per 100,000 residents was 45.5. By comparison, there was a statewide ratio of 42.8 dentists

per 100,000 residents, with a total of 10,151 dentists statewide. See <http://www.dshs.state.tx.us> for a wider variety of Health Professionals and related information.

According to data from the Texas Department of State Health Services for October 2007, there were 110 licensed Emergency Medical Technicians, or EMTs, for the study area; a ratio of 277.9 licensed EMTs per 100,000 residents. The statewide ratio was 218.0 EMTs per 100,000 residents, with a total of 51,718 EMTs statewide. See <http://www.dshs.state.tx.us> for a wider variety of Health Professionals and related information.

Also, according to the October 2007 report from the Texas Department of State Health Services, there were 21 pharmacists in this area, which is a ratio of 1,884.7 persons for each pharmacist. Texas has 18,138 pharmacists statewide, or a ratio of 1,308.2 persons for each pharmacist in the area. The ratio of pharmacists per 100,000 residents was 53.1 compared to 76.4 per 100,000 residents statewide. See <http://www.dshs.state.tx.us> for a wider variety of Health Professionals and related information.

The Texas Department of State Health Services information for October 2007 shows that for the study area there were 5 occupational therapists; a ratio of 7,915.6 persons for each occupational therapist. The statewide ratio was 11,072.6 persons for each occupational therapist, with a total of 2,143 occupational therapists statewide. The ratio of occupational therapists per 100,000 residents was 12.6 compared to 9.0 statewide. See <http://www.dshs.state.tx.us> for a wider variety of Health Professionals and related information.

#### Medical & Health Services Employment\*

Area			Statewide		
2010 3rd Qtr	2011 3rd Qtr	Pct Change	2010 3rd Qtr	2011 3rd Qtr	Pct Change
1,186	1,138	-4.05%	1,286,605	1,321,803	2.74%

\* Includes: Public and Private Hospitals, Medical/Health Offices; Home Health, Nursing, Elderly Residential facilities; Individual/Family, Emergency & Other Relief Svcs., Vocational Rehab. Svcs.

[NAICS: 6211,6212-19,6221-23,6231-33,6239,6241-43]

Due to confidentiality, employment for small areas may be suppressed and reported as zero.

Health Statistics - Some of the leading causes of mortality in Texas include malignant neoplasms or cancer, heart disease, and chronic lower respiratory disease. From information gathered by Texas Department of State Health Services for 2004, the study area had a total of 77 reported deaths from malignant neoplasm cancer. On a statewide level, Texas had 33,836 reported deaths from malignant neoplasm cancer. Texas Department of State Health Services reports that for 2004 there were 113 deaths from heart disease, and 19 deaths from lower respiratory disease in the selected study area. By contrast, Texas statewide had 40,091 deaths from heart disease and 7,387 deaths from chronic lower respiratory disease. See <http://www.dshs.state.tx.us> for a wider variety of Texas health, disease and related information.

Several state agencies collect statistics on health status indicators that can be used to assess the strengths or weaknesses of public health in a local area or community. For this study area, the Texas Department of State Health Services reported for August 2004 there were 2 infant deaths, as compared with a statewide rate of 2,398. See <http://www.dshs.state.tx.us> for a wider variety of Texas health, disease and related information.

The Texas Department of State Health Services reported that for August 2003 there were 24 total teen pregnancies in this area. There were different teen pregnancy rates in the study area depending on race, with 1 for Black teens, 9 for Hispanic teens and 14 for White teens. Statewide rates for teenage pregnancy were 19,730 for total teenage pregnancies, with 3,003 for Black teens, 12,693 for Hispanic teens and 4,034 for White teens. See <http://www.dshs.state.tx.us> for a wider variety of Texas health, disease and related information.

In the Health and Human Services 2003 Data Book, figures show that the number of children under 19 in this area whom were not covered by health insurance is 1,535, which is 6.7% of the reported population in that age group. The number of uninsured children statewide is 885,999, or 7.1% of the reported population for children under 19. For more information, or to view or download the entire data book, see <http://www.hhsc.state.tx.us>.

## Other Facts of Interest

According to the Texas Secretary of State's Office, for the November 2008 presidential election, there were 24,646 registered voters in Cooke County. The voter turnout was 15,032 representing 61.0 percent of eligible voters. The election results were 11,871 or 79.0 percent for McCain/Palin, 3,051 or 20.3 percent for Obama/Biden, and 110 or 0.7 percent for all other presidential candidates. The statewide results were 55.5 percent for McCain/Palin, 43.7 percent for Obama/Biden, and approximately 0.9 percent for all other candidates. See: <http://www.sos.state.tx.us/elections/voter/index.shtml> for other topics of interest.

Information on the three categories of child placement services from the Texas Department of Family and Protective Services for 2006 showed that the area had 0 foster homes, 4 foster/adoptive homes and 1 adoptive homes. The total number of licensed day care facilities were 19 with a total capacity of 697. The total number of family homes licensed for 24-hour care was 0. Link to [http://www.dfps.state.tx.us/About/Data\\_Books\\_and\\_Annual\\_Reports/2006/databook/default.asp](http://www.dfps.state.tx.us/About/Data_Books_and_Annual_Reports/2006/databook/default.asp) for further information.

There were approximately 1,594 crimes reported in the Cooke County area during 2005 or a -8.0 percent change from the 1,733 crimes reported for 2004. Statewide, the total of all reported crimes was 1,117,806 for 2005 representing a -1.8 percent change from the reported totals of 1,138,346 for 2004. This information was collect from the FBI, Uniform Crime Reports, as prepared by the National Archive

of Criminal Justice Data; see the U.S. Dept. of Justice site: <http://www.ojp.usdoj.gov/bjs/dtdata.htm> for the most recent reported data.

The total jail capacity for public and private jails in the region was 160 as of October 1, 2006 according to the Texas Commission on Jail Standards. Jail population was at 77.5 percent capacity when compared to maximum capacity. At this same time, this compared to a statewide capacity of 90.4 percent. For more detailed information, see to: <http://www.tcjs.state.tx.us/index.php?linkid=320>.

The region had 8 commercial banks in 2007, as reported by the Federal Deposit Insurance Corporation (FDIC), with total deposits of \$534,000,000 and assets of \$401,194,000. The 2007 deposit to population ratio was \$13,227 for the Cooke County region compared to the Texas ratio of \$13,816. A ratio less than the state average generally indicates either the presence of an adjacent city or county not within the described region serving as a regional financial center, or per capita income well below the state average. These numbers do not reflect assets and deposits which are held in branch offices of banks whose headquarters are in another city or state. The most recent FDIC data for this area is at <http://www2.fdic.gov/sod/index.asp>.

While all counties in Texas are served by banks, savings and loan institutions and credit unions, many counties may not show these offices directly reported in its geography by the FDIC or other governing agencies. For the 2007 reporting period in Cooke County, the number of saving and loans was 0 which had a total of savings and loan assets of \$0 and deposits of \$0 These figures are in contrast to the statewide total of 54 savings and loans, with \$7,767,193,400 in assets and \$12,067,400,000 in deposits. For more information, please see: <http://www2.fdic.gov/sdi/index.asp>. There were 2 credit unions in the study area according to the National Credit Union Administration data. For 2007, the latest year of reported data, these credit unions had a total of \$32,780,552 in assets and \$27,112,863 in deposits, as compared to a total of 615 credit unions statewide, with \$48,883,686,146 in assets and \$36,648,314,014 in deposits. Credit union statistics and other information on credit unions can be found at <http://webapps.ncua.gov/customquery>.

Source: [www.texasindustryprofiles.com](http://www.texasindustryprofiles.com)

### Designated Health Professional Shortage Areas

Type

Score

N/A

N/A

Source: <http://hpsafind.hrsa.gov/>

### Hospital Information

Hospital	Ownership	Staffed Beds	Admissions	Average Length of Stay	Emergency Room Visits
Muenster Memorial	Public	18	331	10.6	1,156
North Texas Medical Center	Public	60	2,088	3.6	17,532

## Hospital Finances

Hospital	Bad Debt Charges	Charity Charges	Total Uncompensated Care	Gross Patient Revenue	Uncomp Care as % of Gross Patient Revenue
Muenster Memorial	\$432,648	\$8,602	\$441,250	\$9,538,702	4.6
North Texas Medical Center	\$8,368,809	\$5,275,221	\$13,644,030	\$101,867,396	13.4

Source: 2010 Cooperative DSHS/AHA/THA Annual Survey of Hospitals and Hospital tracking Database

## Health Indicators

	Cooke County	Error Margin	National Benchmark*	Texas	Rank (of 221)
<b>Health Outcomes</b>					115
<b>Mortality</b>					152
Premature death	9,345	8,231-10,459	5,466	7,186	
<b>Morbidity</b>					47
Poor or fair health			10%	19%	
Poor physical health days	3.3	1.1-5.5	2.6	3.6	
Poor mental health days	2.3	1.1-3.4	2.3	3.3	
Low birthweight	8.1%	7.2-9.0%	6.0%	8.2%	
<b>Health Factors</b>					101
<b>Health Behaviors</b>					176
Adult smoking	18%	11-28%	14%	19%	
Adult obesity	33%	26-40%	25%	29%	
Physical inactivity	28%	21-36%	21%	25%	
Excessive drinking	12%	6-20%	8%	16%	
Motor vehicle crash death rate	28	21-34	12	17	
Sexually transmitted infections	211		84	435	
Teen birth rate	66	61-71	22	63	
<b>Clinical Care</b>					135

<b>Uninsured</b>	27%	25-29%	11%	26%
<b>Primary care physicians</b>	2,261:1		631:1	1,050:1
<b>Preventable hospital stays</b>	89	81-98	49	73
<b>Diabetic screening</b>	75%	68-83%	89%	81%
<b>Mammography screening</b>	61%	53-69%	74%	62%
<b>Social &amp; Economic Factors</b>				55
<b>High school graduation</b>	94%			84%
<b>Some college</b>	49%	44-54%	68%	56%
<b>Unemployment</b>	6.6%		5.4%	8.2%
<b>Children in poverty</b>	24%	18-31%	13%	26%
<b>Inadequate social support</b>			14%	23%
<b>Children in single-parent households</b>	26%	21-30%	20%	32%
<b>Violent crime rate</b>	316		73	503
<b>Physical Environment</b>				45
<b>Air pollution-particulate matter days</b>	0		0	1
<b>Air pollution-ozone days</b>	13		0	18
<b>Access to recreational facilities</b>	10		16	7
<b>Limited access to healthy foods</b>	1%		0%	12%
<b>Fast food restaurants</b>	36%		25%	53%

\* 90th percentile, i.e., only 10% are better

Note: Blank values reflect unreliable or missing data

Source: [www.countyhealthrankings.org](http://www.countyhealthrankings.org)

## Community Health Needs Assessment Index Data Sources

Texas Health and Human Services Commission, Research and Statistics: Online:  
<http://www.hhsc.state.tx.us/research/index.html>.

Texas Department of Family and Protective Services, 2010 Annual Report and Data Book: Online:  
[http://www.dfps.state.tx.us/About/Data\\_Books\\_and\\_Annual\\_Reports/default.asp](http://www.dfps.state.tx.us/About/Data_Books_and_Annual_Reports/default.asp).

US Census Bureau, 2006-2010 American Community Survey 5-Year Estimates: Online, American FactFinder: <http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml>.

US Census Bureau, Small Area Health Insurance Estimates, 2009 Health Insurance Coverage Status for Counties and States, Interactive Tables: Online:  
<http://www.census.gov/did/www/sahie/data/2009/tables.html>.

Texas Department of State Health Services, Center for Health Statistics: Online:  
<http://www.dshs.state.tx.us/chs/datalist.shtm>.

Texas Department of Public Safety, Crime in Texas, The Texas Crime Report for 2010: Online:  
[http://www.txdps.state.tx.us/administration/crime\\_records/pages/crimestatistics.htm](http://www.txdps.state.tx.us/administration/crime_records/pages/crimestatistics.htm).

**For more information or if there are additional questions not answered by this Community Health Needs Assessment, please contact:**

Jim Conditt  
Texas Tech University Health Sciences Center  
F. Marie Hall Institute for Rural and Community Health  
3601 4<sup>th</sup> Street M.S. 6232  
Lubbock, Texas 79430  
806-743-1338  
Jim.Conditt@ttuhsc.edu