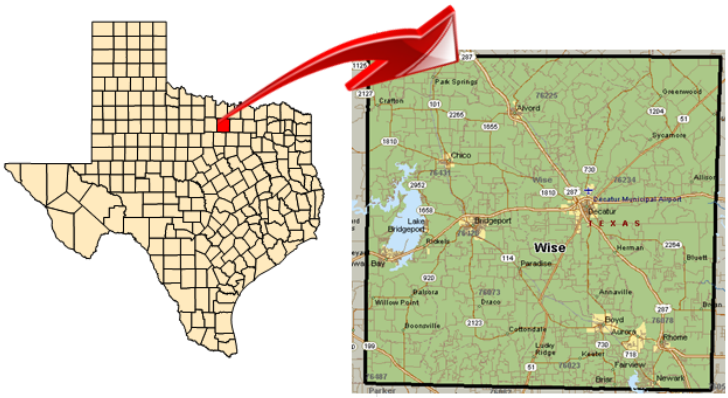
Wise County Health Assessment 2010:

The 2010 Wise County Community Health Report (Update)



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Introduction

The 2010 Community Health Report is an update of the report done by the Tarrant County Health Department in 2004, and attempts to provide the same information in the same format as the original report. The original report was based on the Monitoring & Assessment Demonstration Project (M.A.D.P.) that was an initiative conducted by Texas Department of Health's Public Health Improvement Team and Tarrant County Public Health Department in collaboration with the community of Wise County. The purpose was to establish a baseline for an accurate assessment of Wise County's progress toward health-related objectives. The health indicators in this report are based on the Texas Strategic Health Status Indicators (TSHSI) project of the Texas Department of Health (TDH). TSHSI seeks to provide comparable regularly updated data on the health status for all Texas counties. Thirteen indicators were selected for the Wise County Demonstration Project in 4 of the Domains (I, III, IV, and VII). As such, the update covers the same 4 domains as the original report:

- **Domain I. Community Profile** - demographic and socioeconomic data
- **Domain III. Chronic Diseases** - cardiovascular disease mortality, cancer mortality, chronic obstructive pulmonary disease mortality
- **Domain IV. Infectious Diseases** - STDs, body fluid-borne pathogens, tuberculosis
- **Domain VII. Injury** - intentional injuries, unintentional injuries

Where data was available, the maps included in the original report have been updated and moved to the Executive Summary.

Data issues in the 2010 Assessment

The 2000 census provided a much more complete count of the population in smaller areas than the American Community Survey. The American Community Survey is a sample of a relatively small percentage of the population over a three year period, in this case 2006 to 2008. For a large population in an urban area these estimates are very reliable statistically, but in a small population individual variations can cause distortions that make estimates questionable. Wise County is large enough that most estimates on a county basis are fairly reliable, but smaller areas such as cities, ZIP codes or age groups become challenging. Areas with rapid change, like Wise County, also are more difficult to estimate because estimates may undercount the change. Many of the public health and disease indicators identified in a 2004 report could only be calculated based on 2000 and 2001 data for this reason.

One of the problems in developing an assessment in a rural area is that many indicators are limited by the number of cases available in the data. Many health indicators are based on large populations to adjust for individual variations and annual fluctuations. A small population does not always generate an adequate number of cases to accurately compute ratios on a population basis. The smaller the number of cases the more erratic these data become for any given period. A few number of cases can also

create problems of patient confidentiality, where in many situations cases less than 5 or a specific number established by law and regulation cannot be reported. These cases are often designated by either "??" or "@@" in order to indicate that there were cases reported but the number could not be released.

These factors combined to limit the number of indicators that could be provided at the sub county level or by subgroup. Even at the County level data sometimes shows significant fluctuations which may be due more to normal variations in small populations than to a meaningful trend. This may be the case with the heart disease mortality data dropping significantly in 2007 and rising again in 2008. Often public health departments will use three year averages for some indicators to smooth out some of these variations. These techniques, however, have very limited application in the current assessment. In some cases, the 2000 to 2001 calculations were the most current available and as such were included in the 2010 report. The Texas Department of State Health Services tracking and monitoring system has changed over time meaning that some data were not available for all periods.

Some data, such as highway deaths, tend to be naturally higher in rural areas due to reduced access to ambulances, paramedic services and trauma facilities. Although some of these services have improved in recent years in Wise County, the distance between facilities and services are still a factor affecting outcomes.

Community Profile - Definitions and Data Sources

- **Demographic and Socioeconomic Data**

1. **Population Distribution**
   - Population distribution by age, sex, and race/ethnicity for the year 2007, 2008 population estimates and five year projection
   - Data source – Texas vitalweb population data & 2008 American Community Survey.

2. **Poverty**
   - Percentage of population below poverty level
   - Data source – Census 2000 & 2008 American Community Survey

3. **Per Capita Income**
   - Median income per capita
   - Data source – Texas vitalweb population data

4. **Educational Attainment**
   - Educational attainment of population 25 and older
   - Data source – Texas vitalweb population data

5. **All Cause Mortality Rate**
   - Numerator – Total number of deaths in 2007 and 2008
   - Denominator – Census 2007 population and 2008 population estimate
   - Rate – per 100,000, age adjusted to the 2000 standard population
   - Source – Texas vitalweb population data

Texas vitalweb population data - http://www.ehdp.com/vn/ro/txu1/pt1/dgw/en_US/index.htm

Demographics and Socioeconomic data

Indicator I-1. Population Distribution

Wise County had a total population of 59,084 in 2008, a 2.26% increase from the population in 2007 (Table 1). According to the 2006-2008 American Community Survey 3-Year Estimates, the median age of Wise County for the three year estimate of 2006 through 2008 is 36.2 years, which is equivalent to the national median age of 36.7, and three years older than the median average of Tarrant County (33.2). The median ages for Wise County, Tarrant County, and the nation have increased from 35.5, 32.5, and 35.3 in 2000, respectively. Whites in Wise County represent 84.2% of the population, compared to 86.9% of the population in 2000 (Table 3).

Table 1: Wise County Population by Gender

	2007		2008		Change (2007 ~ 2008)	Projections 2013
	Number	Percent	Number	Percent		
Male	29,207	50.6%	29,886	50.6%	2.33% increase	33,236
Female	28,569	49.4%	29,198	49.4%	2.20% increase	32,433
Total	57,776	100.0%	59,084	100.0%	2.26% increase	65,669

Table 2: Wise County Population by Age

	2007		2008		Change (2007 ~ 2008)	Projections 2013
	Number	Percent	Number	Percent		
Age 0 to 4	3,835	6.6%	3,949	6.7%	2.97% increase	4,646
Age 5 to 19	13,523	23.4%	13,643	23.1%	0.89% increase	14,190
Age 20 to 34	10,102	17.5%	10,512	17.8%	4.06% increase	13,277
Age 35 to 54	17,579	30.4%	17,791	30.1%	1.21% increase	17,587
Age 55 to 74	10,103	17.5%	10,452	17.7%	3.45% increase	12,734
Age 75+	2,634	4.6%	2,737	4.6%	3.91% increase	3,225

Table 3: Wise County Population by Race/Ethnicity

	2007		2008		Change (2007~ 2008)	Projections 2013
	Number	Percent	Number	Percent		
White	48,888	84.6%	49,764	84.2%	1.79% increase	53,889
Black	663	1.2%	665	1.1%	0.3% increase	661
Hispanic	7,675	13.3%	8094	13.7%	5.46%increase	10,499
Other	550	0.95%	561	0.95%	2.0% increase	610

Data Source: http://www.ehdp.com/vn/ro/txu1/pt1/dgw/en_US/index.htm

Comparison with Tarrant County, Texas and the United States

According to census estimates, the population of Wise County increased by 2.26% in 2008, while Tarrant County also increased by 2.26% and Texas' population increased by 1.9% (Table 4). The nation's population also increased by 0.93%.

Table 4: Population of Wise County, Tarrant County, Texas and U.S.

	2007	2008	Change (2007~2008)
Wise	57,776	59,084	2.26% increase
Tarrant	1,682,034	1,720,067	2.26% increase
Texas	23,728,510	24,178,180	1.90% increase
U.S.	301,579,895	304,374,846	0.93% increase

Data Source: http://www.ehdp.com/vn/ro/txu1/pt1/dgw/en_US/index.htm

Indicator I-2. Poverty

The percentage of individuals at or below the federal poverty level in Wise County was 9.9% in 2007 and 8.5% in 2008 (Table 5). The percentage was 10.2% in 2001.

Table 5: Wise County Overall Poverty Status		
	2000	2008
Population below poverty level	9.9%	8.5%

Table 6: Wise County Poverty Status by Race, 2000 *		
	Number	Percent*
White	3,882	8.9%
Black	64	1.6%
Asian	3	2.7%
Other	607	20.1%
2 or more Race	133	15.8%
		* Percent in each race group

Table 7: Wise County Poverty Status by Ethnicity 2000 *		
	Number	Percent
Hispanic	1,005	20.1%
Non-Hispanic	3,684	7.7%
		* Percent in each ethnic group.

Table 8: Wise County Poverty Status by Age 2000 *		
	Number	Percent
Under 5 years	???	21.1%
5 years	???	? %
6 to 11 years	???	? %
12 to 17 years	???	? %
18 to 64 years	???	11.9%
65 to 74 years	???	? %
75 years and older	???	? %
		* Percent in the each age group.

2008 Data is from 2006-08 American Community Survey, U.S. Census Bureau.
Data was not available for Poverty status by race, ethnicity or by age.

Table 9: Wise County Poverty Status by Family *		
Type of Family	**Number**	**Percentage**
Married-Couple Families	???	3.6%
Male Householder, no wife present	???	?? %
Female Householder, no husband present	???	23.8%
* Percent in the corresponding family type		

*Data Source: Census 2000
2008 Data is from 2006-08 American Community Survey, U.S. Census Bureau.
Data for number of families and male householder percentage was not available.

Comparison with Tarrant County, Texas and the United States

According to the American Community Survey's 2006-2008 three year estimate, the overall proportion of the population living at or below the poverty level in Wise County is lower than that of Tarrant County, Texas and the United States (Table 10).

Table 10: Wise County Poverty Status, 2008				
	Wise	Tarrant	Texas	U.S.
Total	8.5%	12.6%	16.3%	13.2%

Table 11: Wise County Poverty Status by Race, 2000				
	Wise	Tarrant	Texas	U.S.
White	8.9%	7.2%	12.4%	9.1%
Black	28.3%	20.5%	23.4%	24.9%
Asian	2.7%	12.2%	11.9%	12.6%
Other	27.4%	20.4%	24.9%	24.4%
2 or more races	77.5%	14.6%	19.3%	18.1%

Table 12: Wise County Poverty Status by Ethnicity, 2000				
	Wise	Tarrant	Texas	U.S.
Hispanic	20.1%	19.1%	25.4%	22.6%
Non-Hispanic	7.7%	6.8%	7.2%	10.6%

Data Source: Census 2000

2008 Data is from 2006-08 American Community Survey, U.S. Census Bureau.
Data for poverty status by race and ethnicity was not available.

There is no corresponding Healthy People 2010 objective for poverty.

Indicator I-3. Income

The average per capita income in Wise County is $23,889 (Table 13). The average per capita income for the county in 2000 was $17,729. Just as in 2000, the largest proportion of the population in the county had an income between $25,000 and $49,000 (Table 17). According to the American Community Survey, the proportion of families with higher income is increasing in Wise County. In 2000, nearly 20% of Wise county families had incomes below $25,000 compared to just 10.7% for the three year estimate from 2006-2008. The proportion of families with incomes between $75,000 and $99,999 from the three year estimate was an increase of over 8% from the 2000 figure. The proportion of families with incomes over $100,000 from the three year estimate more than doubled the percentage from the 2000 census

Table 13: Wise County Per Capita Income 2008	
Total	$23,889
Table 14: Wise County per capita income by race for 2000	
White	$18,346
Black	$11,005
Asian	$22,146
Other	$13,401
2 or more races	$11,421
Table 15: Wise County per capita income by ethnicity for 2000	
Hispanic	$9,820
Non-Hispanic	$18,823
	* adults aged 16 years and older.

Table 16: Wise County Median Earnings by Gender for 2000	
Male	$42,985
Female	$29,834
Total	$????
	* adults aged 16 years and older.

Table 17: Wise County Family Income for 2008	
Income Group	Percent*
<$25,000	10.7%
$25,000-$49,999	25.6%
$50,000-$74,999	21.6%
$75,000-$99,999	19.5%
$100,000+	22.6%
Total	100.0%

Data Source: Census 2000

2008 Data is from 2006-08 American Community Survey, U.S. Census Bureau.
No data was available for per capita income by race, ethnicity or gender.

Comparison with Tarrant County, Texas and the United States

For three year estimates from the American Community Survey, per capita incomes remain lower in Wise County than in Tarrant County, Texas and the United States (Table 18).

Table 18: Per capita Income 2006-08				
	Wise	Tarrant	Texas	U.S.
Total	$23,889	$27,318	$24,709	$27,466
Table 19: Per capita Income by Race 2000				
	Wise	Tarrant	Texas	U.S.
White	$18,346	$27,764	$22,282	$23,918
Black	$11,005	$15,823	$14,253	$14,437
Asian	$22,146	$18,291	$20,956	$21,823
Other	$13,401	$11,593	$10,438	$11,180
2 or more races	$11,421	$13,525	$12,700	$13,405
Table 20: Per capita Income by Ethnicity				
	Wise	Tarrant	Texas	U.S.
Hispanic	$9,820	$11,938	$10,770	$12,111
Non-Hispanic	$25,155	$19,614	$14,552	$19,853

*Data Source: Census 2000

2008 Data is from 2006-08 American Community Survey, U.S. Census Bureau.
No data was available for per capita income by race or ethnicity.

There is no corresponding Healthy People 2010 objective for per capita income.

Indicator I-6. Educational Attainment

Table 21: Wise County Educational Attainment by Race, 2000 *			
	Male	Female	Total
White	77.5%	78.2%	77.8%
Black	31.3%	95.5%	81.2%
Asian	100%	76.0%	85.2%
2 or more races	77.7%	69.3%	72.8%
Other	37.2%	41.4%	39.0%
Total	75.4%	76.7%	76.1%
* Percent of adults who completed high school education or more within each race group			

Table 22: Wise County Educational Attainment by Ethnicity, 2000*			
	Male	Female	Total
Hispanic	20.9%	77.5%	40.4%
Non-Hispanic	79.1%	75.9%	77.5%
* Percent of adults who completed high school education or more within each ethnic group			

*Data Source: Census 2000

2008 Data for Educational attainment by Race and by Ethnicity was not available for Wise County.

Comparison with Tarrant County, Texas and the United States

Educational attainment for Wise County remained comparable to Tarrant County, Texas and the United States. Wise County's population's 79.6% educational attainment (Table 23) is an increase from the 76.1% that was recorded in 2000.

Table 23: Educational Attainment 2008 *			
Wise County	**Tarrant County**	**Texas**	**United States**
79.6%	83.0%	79.2%	84.5%

2008 Data is from 2006-08 American Community Survey, U.S. Census Bureau.

Comparison with Healthy People 2010 Objective

Table 24: Educational Attainment	**Wise County**
7-1. Increase high school completion to 90 percent. (Baseline: 85 percent of people aged 18-24 years had completed high school in 1998).	79.6% per 100,000 <2006-08>

- **Current Status**

As of 2000, Wise County has not met the Healthy People 2010 objective for educational attainment.

Indicator I-9. All Cause Mortality Rate

According to table 25, the overall mortality rate for Wise County was slightly lower in 2006 than in 2005. Both of these rates are lower than rates recorded in 2000 and 2001. The rate was higher for males than females both years, though by a narrower margin in 2006 than 2005 (Table 26). The overwhelming majority of deaths occurred among whites, which make up most of the population (Table 27).
From 2000 to 2006, Wise County's all-cause mortality rate decreased 14.7%.

Table 25: Wise County All-Cause Mortality

	2005		2006	
	Case	Rate	Case	Rate
Total	425	896.1	433	894.4

Rates per 100,000 population
Rates are age-adjusted using 2000 standard population

Table 26: Wise County All-Cause Mortality by Gender

	2005		2006	
	Case	Rate	Case	Rate
Male	225	1042.4	205	908.5
Female	200	763.7	228	866.8

Rates per 100,000 population
Rates are age-adjusted using 2000 standard population

Table 27: Wise County All- Cause Mortality by Race/Ethnicity

	2005		2006	
	Case	Rate	Case	Rate
White	402	899.5	410	901
Black	<5	@@	<5	@@
Hispanic	18	@@	10	@@
Other	<5	@@	12	@@

Rates per 100,000 population
Rates are age-adjusted using 2000 standard population
@@ numerator too small for rate calculation

* Data Source: http://soupfin.tdh.state.tx.us/deathdoc.htm

Table 28: Wise County All- Cause Mortality by Age				
	2005		2006	
	Case	Rate	Case	Rate
Under 14	<5	@@	<5	@@
1 to 4	0	0.0	0	@@
5 to 14	1	@@	0	@@
15 to 24	12	140.5	16	178.2
25 to 34	8	137.8	3	@@
35 to 44	17	189.2	16	178.1
45 to 54	36	441.2	40	469.1
55 to 64	69	1179.7	67	1105.1
65 to 74	82	2284.1	80	2145.3
75 and older	194	???	207	???

Rates per 100,000 population
Rates are age-adjusted using 2000 standard population
@@numerator too small for rate calculation

* Data Source: http://soupfin.tdh.state.tx.us/deathdoc.htm

Comparison with Tarrant County, Texas and the United States

The overall mortality rate for Wise County was significantly higher than rates for Tarrant, Texas and the nation in both 2005 and 2006 (Table 29). Note that a different data source is used for the national calculation.

Table 29: All-Cause Mortality Rate

	Wise	Tarrant	Texas	U.S.*
2005	896.1	840.9	829.0	798.8
2006	894.4	828.5	805.1	776.5

Rates per 100,000 population
Rates are age adjusted rates with 2000 standard population

Data Source:Soupfin TDH
*http://wonder.cdc.gov/cmf-icd10.htm

There is no corresponding Health People 2010 Objective for All Cause Mortality.

Chronic Diseases - Definitions and Data Sources

Age Adjusted Mortality Rates

- **ICD 10 Codes for Mortality Data**
  - **Diseases of Heart**: I00-I09, I11, I13, I20-51
  - **Cancer**: C00-C97
  - **Chronic Lower Respiratory Disease**: J40-47

    - Chronic Obstructive Pulmonary Disease: Bronchitis, Chronic and Unspecified (J40-J42)
      Emphysema (J43)
      Other COPD (J44)
    - Asthma (J45-J46)
    - Brochiectasis (J47)

- **Definition and Data Sources for Mortality Data**
  - Numerator – Number of deaths for most current years available.
  - Denominator –
  - Rate – per 100,000, age adjusted to the 2000 standard population
  - Source – TDH Bureau of Vital Statistics

Denominator for Cancer Statistics - SEER (Surveillance, Epidemiology and End Results) Program of the National Cancer Institute (http://www.dshs.state.tx.us/tcr/change.shtm)

Indicator III-1. Heart Disease Mortality

In Wise County, the 2006 heart disease mortality rate (284.1) was higher than the 2005 rate (228.9) (Table 1). (SIGNIFICANCE? - how do we calculate this without CI Intervals?)

In 2006, the CVD mortality rate was much higher in women than in men. The CVD mortality rate for women increased greatly for women between 2005 and 2006, while the same for men fell slightly (Table 2).

At the advice of the Texas Department of State Health Statistics and to ensure rates had numerators large enough for calculation, 5 year averages, taken between 1999-2003 and 2002-2006, were used for CVD mortality by age group comparisons (Table 4). The rates increased with age in both sets of years (table 4). In addition, the rates were reduced or unchanged for all age groups in each of the comparison groups (Table 4).

Table 1: Wise County Heart Disease Mortality

	2005		2006	
	Case	Rate	Case	Rate
Total	102	228.9	131	284.1

Rates per 100,000 population
Rates are age adjusted using 2000 standard population

Table 2: Wise County Heart Disease Mortality by Gender

	2005		2006	
	Case	Rate	Case	Rate
Male	50	249.1	49	223.9
Female	52	210.6	82	326.5

Rates per 100,000 population
Rates are age adjusted using 2000 standard population

Table 3: Wise County Heart Disease Mortality by Race/Ethnicity

	1999-2003 combine		2002-2006 combine	
	Case	Rate	Case	Rate
White	644	328.4	614	293.4
Black	5	315.0	5	476.6
Hispanic	12	183.7	15	223.1
Other	3	241.6	2	142.0

Rates per 100,000 population
Rates are age adjusted using 2000 standard population
@.@ numerator too small for rate calculation

Table 4: Wise County Heart Disease Mortality by Age Group

	1999-2003 combine		2002-2006 combine	
	Case	Rate	Case	Rate
Under 35	7	5.7	6	4.6
35 to 44	13	31.4	14	31.4
45 to 54	53	157.5	49	124.9
55 to 64	68	280.9	72	256.2
65 to 74	92	597.1	100	574.6
75 and over	431	3827.0	395	3403.4

Rates per 100,000 population
Rates are age adjusted using 2000 standard population
@.@ numerator too small for rate calculation

* Data Source: Weihua Li, DSHS

- The geographic distribution of Heart Disease mortality is not calculated due to the small number of cases reported each year in Wise County.

Comparison with Tarrant County, Texas and the United States

Between 2000 and 2006, Wise County's heart disease mortality rate decreased 15.2%.
U.S. Rate: http://www.disastercenter.com/cdc/Table_9_2006.html

Table 5: Heart Disease Mortality Rate per 100,000 population				
	*Wise	Tarrant	Texas	U.S.*
2005	228.9	230.3	219.1	200.2
2006	284.1	213.0	204.4	211.1

Data Source: Soupfin TDH
U.S.* Data Source: *http://www.disastercenter.com/cdc/Table_9_2006.html

Comparison with Healthy People 2010 Objective

Table 6: Heart Disease and Stroke	Wise County
12-1. Reduce coronary heart disease death to 166 per 100,000 population.	<2005> 228.9 per 100,000
	<2006> 284.1 per 100,000

Data Source: Soupfin TDH

- **Current Status**:

Although the heart disease mortality rate in Wise County declined marginally from 2000 to 2001, the current death rate falls short of the Healthy People 2010 objective for coronary heart disease deaths.

Indicator III-2. Cancer Mortality

All Cancer Mortality

In Wise County, the all cancer mortality rate fell from 184.6 in 2005 to 159.3 in 2006 (Table 7). Cancer mortality rates were higher in males than in females for both years (Table 8). All cancer mortalities in both 2005 and 2006 occurred in whites (mortalities with unknown races/ethinicitiy were not included) (Table 9). The highest rate of all cancer mortality in both age groups was 65 to 74 (Table 10). The mortality rate from all cancers per 100,000 population fell from 218.1 to 159.3 in 2006, a 27% decrease.

Table 7: Wise County All Cancer Mortality

	2005		2006	
	Case	Rate	Case	Rate
Total	96	218.1	84	159.3

Rates are age adjusted using 2000 standard population (per 100,000 persons).

Table 8: Wise County All Cancer Mortality by Gender

	2005		2006	
	Case	Rate	Case	Rate
Male	49	190.3	44	185.4
Female	47	172.9	40	144.6

Rates are age adjusted using 2000 standard population (per 100,000 persons).

Table 9: Wise County All Cancer Mortality by Race/Ethnicity

	2005		2006	
	Case	Rate	Case	Rate
White	95	186.2	81	153.1
Black	0	0.0	0	0.0
Hispanic	0	0.0	0	0.0
Other	0	0.0	0	0.0

Rates are age adjusted using 2000 standard population (per 100,000 persons).
@.@ numerator too small for rate calculation

Table 10: Wise County All Cancer Mortality by Age

	2005		2006	
	Case	Rate	Case	Rate
Under 35	<5	@@	<5	@@
35 to 4	<5	@@	<5	@@
45 to 54	11	134.8	7	82.1
55 to 64	27	461.6	24	395.8
65 to 74	27	752.1	23	616.8
75 and over	26	??	26	??

Rates are age adjusted using 2000 standard population (per 100,000 persons).
@.@ numerator too small for rate calculation

Data Source: Texas Cancer Registry

Note: Data tool used seperated the "75 and over" age group in to "75-84" and "85 and Over". Thus, a single rate was not obtained for these age groups.

Table 11: Wise County's Three Most Frequent Types of Cancer Mortality						
	2005			2006		
	Cancer	Case	Rate	Cancer	Case	Rate
1	Lung Cancer	26	51.3	Lung Cancer	28	51.3
2	Colon Cancer	??	@@	Breast Cancer*	??	@@
3	Prostrate Cancer	??	@@	Pancreatic Cancer	??	@@

Rates are age adjusted using 2000 standard population (per 100,000 persons)
@.@ numerator too small for rate calculation.
* Breast cancer mortality rate includes men and women.

counts /rates are suppressed if fewer than 16 deaths were reported in the specified category.

Data Source: Texas Cancer Registry

- The geographic distribution of all cancer mortality is not calculated due to the small number of cases reported each year in Wise County.

The Texas Cancer Registry online query tool was not able to report a sufficient number of cases to include the second and third most frequent types of cancer mortality.

Three Most Frequent Types of Cancer Mortality in Males

Table 12: Wise County's Most Frequent Cancer Mortality in Males			
	2005 & 2006		
	Cancer	Case	Rate
1	Lung cancer	32	68.4
2	Prostrate cancer	??	@@
3	Colon	??	@@

Rates per 100,000 population
@.@ numerator too small for rate calculation
Rates are age adjusted using 2000 standard population

counts /rates are suppressed if fewer than 16 deaths were reported in the specified category

Data Source: Texas Cancer Registry

Three Most Frequent Types of Cancer Mortality in Females

Table 13: Wise County's Most Frequent Cancer Mortality in Females			
	2005 & 2006		
	Cancer	Case	Rate
1	Lung cancer	22	38.9
2	Breast cancer	??	@@
3	Colon cancer	??	@@

Rates per 100,000 population
@@ numerator too small for rate calculation
Rates are age adjusted using 2000 standard population

Data Source: Texas Cancer Registry

The Texas Cancer Registry online query tool was not able to report a sufficient number of male or female cases in a single year for a rate calculation. Male and female cancer mortality by types for 2005 and 2006 were combined to obtain a rate. In addition, the Texas Cancer Registry online query tool was not able to report a sufficient number of cases to include the second and third most frequent types of cancer mortality.

Comparison with Tarrant County, Texas and the United States

Wise County's all-cancer mortality rate per 100,000 population was higher than Tarrant County's rate in 2005 but lower in 2006. Wise County's rate was higher than the Texas rate in 2005 and lower in 2006. Wise County's rate was lower than U.S. rates in both 2005 and 2006.

Table 14: Mortality Rates from All Cancers per 100,000 population				
	Wise	Tarrant	Texas	U.S.*
2005	184.6	175.6	176.8	180.7
2006	159.3	181.5	175.1	183.8

Data Source: Soupfin TDH
U.S. rate* Data Source: http://www.disastercenter.com/cdc/Table_9_2006.html

Comparison with Healthy People 2010 Objective

HEALTHY PEOPLE 2010 Table 15: Cancer Mortality	Wise County
3-1. Reduce the overall cancer death rate to 159.9 per 100,000 population.	<2005> 184.9 per 100,000
	<2006> 157.3 per 100,000

- **Current Status**:

Although Wise County did not meet the Healthy People 2010 objective for cancer mortality in 2000 or 2001, the observed downward trend in the overall cancer mortality rate in 2001 suggests an improvement.

Indicator III-5. Chronic Lower Respiratory Disease Mortality

In Wise County, the Chronic Lower Respiratory Disease mortality rate decreased slightly from 48.8 in 2006 to 43.5 in 2005 (Table 16). The numerators were too small for gender-specific rate calculations in both 2005 and 2006 (Table 23). All cases occurred in whites in 2005 and all but one case occurred in whites in 2006, with one death recorded as "other" (Table 17). The white specific rate declined from 51.0 in 2005 to 43.0 in 2006. In 2005, CLRD mortality increased with age up to the 65-74 age group, then fell for the 75 and older age group. In 2006, CLRD mortality increased with age. The Wise County CLRD mortality rate per 100,000 population decreased from 67.2 in 2000 to 43.5 in 2006, a decrease of 35.3%.

Table 16: Wise County Chronic Lower Respiratory Disease Mortality

	2005		2006	
	Case	Rate	Case	Rate
Total	24	48.8	21	43.5

Rates per 100,000 population
Rates are age adjusted using 2000 standard population

Table 23: Wise County Chronic Lower Respiratory Disease Mortality by Gender

	2005		2006	
	Case	Rate	Case	Rate
Male	12	@@	10	@@
Female	12	@@	11	@@

Rates per 100,000 population
Rates are age adjusted using 2000 standard population
@@ numerator too small for rate calculation

Table 17: Wise County Chronic Lower Respiratory Disease Mortality by Race/Ethnicity

	2005		2006	
	Case	Rate	Case	Rate
White	24	51.0	20	43.0
Black	0	@@	0	0.0
Hispanic	0	0.0	0	0.0
Other	0	0.0	1	@@

Rates per 100,000 population
Rates are age adjusted using 2000 standard population
@.@ numerator too small for rate calculation

Table 18: Wise County Chronic Lower Respiratory Disease Mortality by Age

	2005		2006	
	Case	Rate	Case	Rate
Under 35	0	0	0	0
35 to 44	0	@@	0	0
45 to 54	1	@@	0	@@
55 to 64	3	@@	3	@@
65 to 74	12	334.3	8	214.5
75 and older	8	@@	10	??

Rates per 100,000 population
Rates are age adjusted using 2000 standard population
@.@ numerator too small for rate calculation

* Data Source: Soupfin TDH

- The geographic distribution of CLRD cases is not calculated due to the small number of cases reported each year in Wise County.

Comparison with Tarrant County, Texas and the United States

The mortality rate for CLRD in Wise County was lower than the CLRD mortality rate for Tarrant County in both 2005 and 2006. Wise County's CLRD mortality rate was higher for the CLRD mortality rates for Texas and the United States in both 2005 and 2006 (Table 19).

Table 19: Chronic Lower Respiratory Disease Mortality Rates per 100,000 population

	*Wise	Tarrant	Texas	U.S.*
2005	48.8	52.1	44.1	43.2
2006	43.5	45.4	40.9	40.5

Data Source: Soupfin TDH
U.S.* Data Source: http://www.disastercenter.com/cdc/Table_9_2006.html

Comparison with Healthy People 2010 Objective

HEALTHY PEOPLE 2010 **Table 20: Respiratory Diseases Mortality**	**Wise County**
24-10. Reduce chronic obstructive pulmonary disease deaths among adults to 60 per 100,000 persons (adult age 45 and older).	<2005> 48.8 per 100,000
	<2006> 43.5 per 100,000

- **Current Status**:

  For this comparison, the mortality rate for chronic obstructive pulmonary disease in adults 45 and older in Wise County was used because the corresponding Healthy People 2010 objective is specifically defined for that age group. Wise County did not meet the Healthy People 2010 objective in 2000 or 2001. As of 2001, the adult mortality rate for COPD in Wise County remained more than twice the stated Healthy People 2010 objective.

Table 21: Chronic Disease Health Indicators by City in Wise County (2000-2001)

CITY	Indicators			
	Heart Disease Mortality (crude rates per 10,000)		Cancer Mortality (crude rates per 10,000)	
	2000	2001	2000	2001
Alvord	109.2	97.8	59.6	68.5
Boyd	118.3	167.8	136.5	61.8
Bridgeport	78.9	114.3	34.8	58.3
Decatur	88.4	110.9	53.8	39.5
Rural	15.1	10.7	9.7	8.3
***WISE COUNTY**	**33.5**	**32.2**	**21.8**	**20.6**

**Rates for Wise County changed to 10,000 for comparison*

Chronic Disease Health Indicators by City in Wise County (2000-2001) cont.

CITY	Indicator	
	Chronic Lower Respiratory Disease Mortality (crude rates per 10,000))	
	2000	2001
Alvord	19.9	9.8
Boyd	18.2	26.5
Bridgeport	13.9	13.4
Decatur	11.5	11.3
Rural	3.5	3.6
***WISE COUNTY**	**6.7**	**7.2**

**Rates for Wise County changed to 10,000 for comparison*

No Data for CDHI by cities in Wise county was available for 2008

Infectious Diseases - Definitions and Data Sources

Common Bacterial Sexually Transmitted Diseases: Early Syphilis, Gonorrhea & Chlamydia

- Numerator – 2007 and 2008 incidence of early syphilis (primary syphilis, secondary syphilis, and early latent syphilis), gonorrhea, or chlamydia cases
- Denominator – 2000 Census population estimate (http://soupfin.tdh.state.tx.us/)
- Rate – per 100,000 population
- Data Source – Texas Department of Health
- More Information - http://soupfin.tdh.state.tx.us/death10.htm

Body Fluid-borne Pathogens: Hepatitis B, Hepatitis C & HIV

- Numerator - 2000 and 2001 incidence of hepatitis B, hepatitis C, or HIV cases
- Denominator - 2000 Census population population estimate (http://soupfin.tdh.state.tx.us/)
- Rate - per 100,000 population
- Data Source – Texas Department of Health
- More Information - http://soupfin.tdh.state.tx.us/death10.htm

Tuberculosis

- Numerator - 2005 and 2006 incidence of TB cases
- Denominator - 2005 Census population and 2006 population estimate
- Rate - per 100,000 population
- Data Source – Texas Department of health
- More Information - http://soupfin.tdh.state.tx.us/death10.htm

Indicator IV-1. Common Bacterial Sexually Transmitted Diseases

Early Syphilis

According to Ed Weckerly of the Texas Department of State Health Services, late stage syphilis is both reportable and treatable, which differs from information in the 2004 Assessment.

There was no syphilis reported in Wise County in either 2007 or 2008 (Table 1).

Table 1: Early Syphilis in Wise County

	2007		2008	
	Case	Rate	Case	Rate
Total	0	@@	0	0.0

Rates per 100,000 population
@@ numerator to small for calculation

* Data Source: Ed Weckerly, DSHS

Indicator IV-1. Common Bacterial Sexually Transmitted Diseases

Chlamydia

The 2008 Chlamydia incidence rates fell to 142.17 from the 148.85 incidence rate in 2007 (Table 2). The majority of Chlamydia cases occurred in females in both 2007 and 2008. Incidence rates increased slightly in males and decreased slightly in females from 2007 to 2008 (Table 3). The majority of Chlamydia cases in Wise County occurred in whites. Rates in whites fell slightly from 2007 to 2008, while the incident rates rose slightly in Hispanics from 2007 to 2008 (Table 4). Chlamydia occurs mainly in teenagers and young adults, with the majority of incidents occurring in the 10-19 and 20-29 age groups. The incident rates rose slightly in 10-19 age group, and fell slightly in the 20-29 age group between 2007 and 2008 (Table 5). In Wise County, the Chlamydia rate per 100,000 population increased from 92.2 in 2000 to 142.17 in 2008, an increase of 54.2% (Table 10).

Table 2: Chlamydia in Wise County

	2007		2008	
	Case	Rate	Case	Rate
Total	86	148.85	84	142.17

Rates per 100,000 population

Table 3: Chlamydia by Gender in Wise County

	2007		2008	
	Case	Rate	Case	Rate
Male	14	24.23	16	27.08
Female	72	124.62	68	115.1

Rates per 100,000 population
@@ numerator too small for calculation

Table 4: Chlamydia by Race/Ethnicity in Wise County

	2007		2008	
	Case	Rate	Case	Rate
White	64	110.8	56	94.8
Black	4	6.9	2	@@
Hispanic	17	29.42	25	42.31
Other	1	@@	0	0.0

Rates per 100,000 population
@@ numerator too small for calculation

Table 5: Chlamydia by Age in Wise County

	2007		2008	
	Case	Rate	Case	Rate
0 – 9	0	0.0	0	0.0
10 – 19	27	46.73	30	50.78
20 – 29	51	88.27	45	76.16
30 – 39	6	10.39	5	8.46
40 – 44	1	@@	1	@@
45+	1	@@	1	@@

Rates per 100,000 population
@@ numerator too small for calculation

* Data Source: Ed Weckerly, DSHS

Indicator IV-1. Common Bacterial Sexually Transmitted Diseases

Gonorrhea

The incidence rate of gonorrhea in Wise County fell by over 50% between 2007 and 2008 (Table 6). The incidence rate was higher in females than males in both 2007 and 2008 (In 2008, the numerator in males was too small to calculate incidence rate) (Table 7). The majority of cases occurred in whites in both 2007 and 2008 (Table 8). The majority of gonorrhea cases occurred in teenagers and young adults, though the numerators were too small for rate calculations in all age groups (Table 9). In Wise County, the Gonorrhea rate per 100,000 population decreased from 24.6 in 2000 to 8.46 in 2008, an decrease of 65.6%% (Table 10).

Table 6: Gonorrhea in Wise County

	2007		2008	
	Case	Rate	Case	Rate
Total	10	17.31	5	8.46

Rate per 100,000 population

Table 7: Gonorrhea by Gender in Wise County

	2007		2008	
	Case	Rate	Case	Rate
Male	3	5.19	1	@@
Female	7	12.11	4	6.77

Rate per 100,000 population

Table 8: Gonorrhea by Race/Ethnicity in Wise County

	2007		2008	
	Case	Rate	Case	Rate
White	8	13.85	3	@@
Black	1	@@	0	0.0
Hispanic	1	@@	1	@@
Other	0	0.0	0	0.0

Rate per 100,000 population
@@ numerator too small for calculation

Table 9: Gonorrhea by Age in Wise County

	2007		2008	
	Case	Rate	Case	Rate
0 – 9	0	0.0	0	0.0
10 – 19	2	@@	3	@@
20 – 29	4	@@	2	@@
30 – 39	3	@@	0	@@
40 – 44	0	0.0	0	@@
45+	1	@@	0	0.0

Rate per 100,000 population
@@ numerator too small for calculation

* Data Source: Ed Weckerly, DSHS
1 unknown case in 2008

Comparison with Tarrant County, Texas and the United States

The incidence rates of Chlamydia, Gonorrhea and Syphilis in Wise County were lower than that of Tarrant County, Texas and of the United States in both years.

Table 10: STD rates in Wise County per 100,000 population

		Wise	Tarrant	Texas	U.S.*
Chlamydia	2007	148.85	338.99	357.31	370.2
	2008	142.17	437.72	408.25	401.3
Gonorrhea	2007	17.31	155.94	133.85	118.9
	2008	8.46	162.78	130.57	111.6
Syphilis§	2007	@@	5.05	4.94	3.8
	2008	0.0	5.99	5.81	4.5

§ Syphilis includes only Primary and Secondary Syphilis

Data Source: Ed Weckerly, DSHS www.avert.org/stdstatisticusa.htm, http://www.cdc.gov/std/stats08/syphilis.htm, /chlamydia.htm, gonorhea.htm

Comparison with Healthy People 2010 Objective

HEALTHY PEOPLE 2010 Table 11: Sexually Transmitted Diseases	Wise County
11-1a. Reduce chlamydia infections in *females aged 15 to 24 years* attending STD clinics to 3.0 per 100,000 people.	<2007> ??? per 100,000
	<2008> 93.1 per 100,000
11-1a. Reduce chlamydia infections in *males aged 15 to 24 years* attending STD clinics to 3.0 per 100,000 people.	<2007> ?? per 100,000
	<2008> 18.62 per 100,000
11-2. Reduce gonorrhea to an incidence of no more than 19 new cases per 100,000 population.	<2007> 17.31 per 100,000
	<2008> 8.46 per 100,000
11-3. Reduce primary and secondary syphilis to an incidence of no more than 0.2 cases per 100,000 population.	<2007> @@ per 100,000
	<2008> 0.0 per 100,000

@@ numerator too small for calculations

- **Current Status**:
  As of the year 2001, incidence rates of common sexually transmitted disease (chlamydia in females and gonorrhea) in Wise County are higher than the stated Healthy 2010 objectives. The chlamydia incidence rate in females aged 15 to 24 remains very high but comparable for both years. Primary and secondary syphilis for 2001 are lower than the Healthy People 2010 objectives.

Indicator IV-2. Body Fluid-borne Pathogens

Hepatitis B

In the 2004 to 2008 time-period, Wise County had 4 cases of Hepatitis B, with an average age of 51.5. Rates cannot be provided for age or gender due to the small numerators recorded. The rate for the five-year average is 1.77 per 100,000 (using the 2006 estimate).

No change in table

Table 12: Hepatitis B in Wise County

	2000		2001	
	Case	Rate	Case	Rate
Total	5	10.2	6	11.9

Rates per 100,000 population

Table 13: Hepatitis B by Gender in Wise County

	2000		2001	
	Case	Rate	Case	Rate
Male	<5	@@	<5	@@
Female	<5	@@	5	9.9

Rates per 100,000 population
@@numerator too small for rate calculations

Table 14: Hepatitis B by Age in Wise County

	2000		2001	
	Case	Rate	Case	Rate
0 – 19	0	0.0	0	0.0
20 – 29	<5	@@	<5	@@
30 – 39	0	0.0	0	0.0
40 – 49	<5	@@	<5	@@
50 +	<5	@@	<5	@@

Rates per 100,000 population
@@numerator too small for rate calculations

* Data Source: TDH

Indicator IV-2. Body Fluid-borne Pathogens

Hepatitis C

According to Rachel Wiseman of the Texas Department of State Health Services, the state stopped tracking chronic Hepatitis C cases in 2006. Ms. Wiseman reports that for the five year time-period of 2004 to 2008, Wise County had 0 acute Hepatitis C cases.

Table 15: Hepatitis C in Wise County

	2000		2001	
	Case	Rate	Case	Rate
Total	33	67.6	36	71.4

Rates per 100,000 population

Table 16: Hepatitis C by Gender in Wise County

	2000		2001	
	Case	Rate	Case	Rate
Male	18	36.9	17	33.7
Female	15	30.7	19	37.7

Rates per 100,000 population

Table 17: Hepatitis C by Age in Wise County

	2000		2001	
	Case	Rate	Case	Rate
0 –19	0	0.0	<5	@@
20 – 29	5	10.2	13	25.8
30 – 39	9	18.4	9	17.9
40 – 49	14	28.7	5	9.9
50 +	5	10.2	8	15.9

Rates per 100,000 population
@@ numerator too small for rate calculations

* Data Source: TDH

Indicator IV-2. Body Fluid-borne Pathogens

Human Immunodeficiency Virus (HIV)

Wise County had one reported HIV case in both 2007 and 2008.

Table 18: HIV in Wise County				
	2007		2008	
	Case	Rate	Case	Rate
Total	1	@@	1	@@
Rates per 100,000 population				

Comparison with Tarrant County, Texas and the United States

- The incidence rate of HIV in Wise County is not reported because of small numbers that may give unreliable rates.

Table 19: Body fluid-borne disease rates in Wise County per 100,000 persons					
		Wise	Tarrant	Texas	U.S.
HIV	2007	@@	10.58	14.34	?
	2008	@@	10.52	13.87	?
Hepatitis B	2000	10.2	1.5	5.3	?
	2001	11.9**	16.1	3.3	?
Hepatitis C	2000	67.6	2.0	1.3	?
	2001	71.4**	111.2	2.3	?

Data Source: TCPH, TDH, CDC MHMR
@@ numerator to small for rate calculations
**Chronic and newly reported cases
* The most recent year HIV Incidence Data is available for the U.S. is the year 2006 -- 22.8 per 100,000 (http://www.aidsmap.com/en/news/BE667F0D-2794-45A0-98D6-E648A79F4260.asp)

Comparison with Healthy People 2010 Objective

Table 20: Immunization and Infectious Diseases	Wise 2000	Wise 2001
20-a. Reduce AIDS among *adolescents and adults* to 1 new case per 100,000 persons.	@@	@@
20-b. Reduce Hepatitis B in *40+ year-olds* to 3.8 cases per 100,000.	@@	@@
20-c. Reduce Hepatitis C to 1 new (symptomatic) case per 100,000.	NA*	NA*
*NA: Rate for the only symptomatic (acute) Hepatitis C is not available.		

- **Current Status:**

  There is not enough data to compare Wise County with the Healthy People 2010 objectives.

Indicator IV-3. Tuberculosis

There were two cases of Tuberculosis reported in Wise County in 2007 and 0 in 2008.

Table 21: Tuberculosis in Wise County

	2007		2008	
	Case	Rate	Case	Rate
Total	2	@@	0	0.0

Rates per 100,000 population
@@ numerator too small for rate calculation

Comparison with Tarrant County, Texas and the United States

Table 22: Tuberculosis Rates in Wise County per 100,000 population				
	Wise	Tarrant	Texas	U.S.
2007	@@	6.3	?	?
2008	0.0	5.17	?	?

Data Source: Ed Weckerly, DSHS
@@ numerator too small for rate calculation

Comparison with Healthy People 2010 Objective

Table 23: Immunization and Infectious Diseases	Wise County
23-a. Reduce tuberculosis to an incidence of no more than 1 new case per 100,000 population. (Baseline: 6.8 new cases per 100,000 in 1998)	<2007> @@ per 100,000
	<2008> 0.0 per 100,000

* Data Source: TDH

- **Current Status:**

The incidence rate for tuberculosis in 2007 and 2008 meets the Healthy People 2010 Objectives.

Table 24: Health Indicators by City in Wise County (2000-2001)

CITY	Indicators			
	Chlamydia (per 10,000)		Gonorrhea (per 10,000)	
	2000	2001	2000	2001
Alvord	0.0	0.8	0.0	0.0
Boyd	1.4	0.8	0.4	0.0
Bridgeport	1.4	2.2	.02	0.8
Decatur	3.7	5.2	1.4	1.4
Rural	2.7	2.4	0.4	0.0
***WISE COUNTY**	**9.2**	**11.3**	**2.5**	**2.2**

**Rates for Wise County changed to 10,000 for comparison*

Health Indicators by City in Wise County (2000-2001) cont.

CITY	Indicators			
	Hepatitis B (per 10,000)		Hepatitis C (per 10,000)	
	2000	2001	2000	2001
Alvord	0.0	0.0	4	0.6
Boyd	0.0	0.0	1.2	.99
Bridgeport	0.0	0.2	0.8	.79
Decatur	0.4	0.8	2.0	1.6
Rural	0.6	.02	2.3	3.2
***Wise County**	**1.0**	**1.2**	**6.7**	**7.1**

**Rates for Wise County changed to 10,000 for comparison*

No data for Health Indicators by cities in Wise County was available for 2008.

Injuries - Definitions and Data Sources

Age Adjusted Mortality Rates

- **ICD 10 Codes for Mortality Data**
  - **Intentional Injuries (Homicide)**: X85-Y09, Y87.1
  - **Unintentional Injuries**: V01-X59, Y85-Y86

- **Definition and Data Sources for Mortality Data**
  - Numerator – number of deaths 2000 and most recent years available.
  - Denominator – Census 2000 population estimate (http://soupfin.tdh.state.tx.us/)
  - Rates – per 100,000, age adjusted to the 2000 standard population
  - Source – TDH Bureau of Vital Statistics

Indicator VII-1. Intentional Injury Deaths: Homicide

The total homicide cases for Wise County remained less than 5 in both 2005 and 2006 (Table 3). In both 2005 and 2006, males committed 2 homicides and a female committed one in each year (Table 4). 2 homicides were committed by fire arm in 2005 and 2006. A sharp object was also used to commit a homicide in 2006.

Table 1: Wise County Homicide by Race/Ethnicity

	2005		2006	
	Case	Rate	Case	Rate
Total	3	@@	3	@@

Rates per 100,000 population
@.@ numerator too small for rate calculation

Table 2: Wise County Homicide by Gender

	2005		2006	
	Case	Rate	Case	Rate
Male	2	@@	2	@@
Female	1	@@	1	@@

Rates per 100,000 population
@.@ numerator too small for rate calculation

Table 3: Wise County Homicide by Race/Ethnicity

	2005		2006	
	Case	Rate	Case	Rate
White	1	@@	1	@@
Black	1	@@	0	0.0
Hispanic	1	@@	2	@@
Other	0	0.0	0	0.0

Rates per 100,000 population
@.@ numerator too small for rate calculation

Table 4: Wise County Homicide by Age Group

	2005		2006	
	Case	Rate	Case	Rate
< 20	1	@@	1	@@
21- 44	0	@@	1	@@
45-74	2	@@	1	@@
75+	0	0.0	0	0.0

Rates per 100,000 population
@.@ numerator too small for rate calculation

Data Source: Soupfin TDH

Indicator VII-1. Intentional Injury Deaths: Homicide

Table 5: Wise County Homicide by Selected Mode of Death				
	2005		2006	
	Case	Rate	Case	Rate
Fire arm	2	@.@	2	@@
Sharp object	0	0.0	1	0.0
Drugs, biological substance	0	0.0	0	0.0
Hanging, strangulation, suffocation	0	0.0	0	0.0
Blunt object	0	0.0	0	0.0
Bodily force	0	0.0	0	0.0
Neglect and abandonment	0	0.0	0	0.0
Rates per 100,000 population @.@ numerator too small for rate calculation				

Data Source: Soupfin.TDH

Comparison with Tarrant County, Texas and the United States

The homicide rates for Wise County are not reported because the numerator is too small to produce reliable rates (as was the case in the year 2000), therefore a comparison cannot be done between among Tarrant County, Texas and the United States.

Table 6: Homicide Rates per 100,000 population				
	Wise	Tarrant	Texas	U.S.
2005	@@	5.7	6.4	6.1
2006	@@	4.3	6.0	6.2

Data Source: http://soupfin.tdh.state.tx.us/death10.htm
U.S. Data Source: *http://www.disastercenter.com/cdc/Table_9_2006.html
@@ numerator too small for rate calculations

Comparison with Healthy People 2010 Objective

Table 7: Homicide	Wise County
15-32. Reduce homicides to 3 per 100,000 population (Baseline: 6.5 homicides per 100,000 population in 1998)	<2005> @@ per 100,000
	<2006> @@ per 100,000

* Data Source: Soupfin TDH

- **Current Status:**

  There was not enough data to compare Wise County with the Healthy People 2010 Objective.

Indicator VII-2. Unintentional Injury Deaths

In Wise County, the unintentional (or accidental) death rate increased from 63.3 in 2005 to 68.7 in 2006 per 100,000 population (Table 8).

More males than females died from unintentional injuries in both 2005 and 2006 (Table 9). The unintentional injury deaths were mainly in Whites for both 2005 and 2006 (Table 10). Among different age groups, the unintentional injury death rate was highest for the 45-54 age group in 2005 and for the 15-24 age group in 2006 (Table 11). Automobiles caused most unintentional injury deaths in both 2005 and 2006. (Table 12). In Wise County, the unintentional injury death rate per 100,000 people was 68.8 in the year 2000 and 68.7 in 2006, a decrease of 0.1%.

Table 8: Wise County Unintentional Injury Deaths

	2005		2006	
	Case	Rate	Case	Rate
Total	35	63.3	41	68.7

Rates per 100,000 population

Table 9: Wise County Unintentional Injury Deaths by Gender

	2005		2006	
	Case	Rate	Case	Rate
Male	23	81.7	29	95.7
Female	12	@@	12	@@

Rates per 100,000 population
@@ numerator too small for rate calculation

Table 10: Wise County Unintentional Deaths by Race/Ethnicity

	2005		2006	
	Case	Rate	Case	Rate
White	32	66.3	37	71.2
Black	1	@@	0	0.0
Hispanic	2	@@	3	@@
Other	0	0.0	1	@@

Rates per 100,000 population
@.@ numerator too small for rate calculation

Table 11: Wise County Unintentional Injury Deaths by Age Group

	2005		2006	
	Case	Rate	Case	Rate
< 4	0	0.0	0	0.0
5 – 14	0	@@	0	@@
15 – 24	8	93.6	13	144.8
25 – 34	3	@@	2	@@
35 – 44	5	55.7	3	@@
45 – 54	10	122.5	12	140.7
55 – 64	3	@@	7	115.5
65 – 74	3	@@	1	@@
75 +	3	@@	3	@@

Rates per 100,000 population
@.@ numerator too small for rate calculation

* Data Source: Soupfin TDH

Indicator VII-2. Unintentional Injury Deaths

Table 12: Wise County Unintentional Injury Deaths by Cause of Death				
	2005		2006	
	Case	Rate	Case	Rate
Automobile Accidents	21	36.5	25	40.3
Other Transport Accidents	0	0.0	0	0.0
Fall	1	@@	3	@@
Discharge of Firearms	0	0.0	0	0.0
Drowning	0	0.0	0	0.0
Exposure to Smoke, Fire and Flames	4	@@	1	@@
Poisoning	2	@@	9	@@
Other and Unspecified	6	@@	2	@@
Rates per 100,000 population @.@ numerator too small for rate calculation				

* Data Source: Soupfin, DSHS

Comparison with Tarrant County, Texas and the United States

The Wise County unintentional injury death was well above the rates for Tarrant County, Texas and the United States in both 2005 and 2006

Table 13: Unintentional Injury Death Rates per 100,000 population				
	*Wise	Tarrant	Texas	U.S.*
2005	63.3	31.4	39.8	39.1
2006	68.7	31.4	40.7	39.8

Data Source: Soupfin, DSHS
U.S.* Data Source: http://www.disastercenter.com/cdc/Table_9_2006.html

Comparison with Healthy People 2010 Objective

Table 14: Unintentional Injury Deaths	Wise County
15-13. Reduce deaths caused by unintentional injuries to 20.8 per 100,000 population. (Baseline: 35.0 deaths per 100,000 in 1998 -- preliminary data age adjusted to year 2000 standard population)	<2005> 63.3 per 100,000
	<2006> 68.7 per 100,000

* Data Source: Soupfin TDH

- **Current Status:**

  As of the year 2001, the Wise County unintentional injury mortality rate is greater than the stated Healthy People 2010 objective.

Table 15: Health Indicators by City in Wise County (2000-2001)

CITY	Indicator	
	Unintentional Injury Deaths (per 10,000)	
	2000	2001
Alvord	9.9	39.1
Boyd	36.4	8.8
Bridgeport	13.9	9.0
Decatur	15.4	15.0
Rural	3.2	2.9
***WISE COUNTY**	**6.9**	**6.2**

**Rates for Wise County change to 10,000 for comparison*