



# Data Sources and Methodology

## Health Facts Profiles for 2012

### Demographics / Population

#### Census population, race/ethnicity, gender, and age distributions

Source: Texas State Data Center and Office of the State Demographer, the University of Texas at San Antonio, population estimates for July 1, 2012; released January, 2014.

Website: [Texas State Data Center – Population Estimates](#)

#### County size in square miles

Source: U.S. Census Bureau, 2000 Summary File 1 (SF 1), Table GCT-PH1. Population, Housing Units, Area, and Density.

Website: [U.S. Census Bureau, American FactFinder](#)

### Socioeconomic Indicators

#### Average Monthly TANF (Temporary Assistance to Needy Families) Recipients

Source: The Health and Human Services Commission, Center for Strategic Decision Support.

Website: [Texas TANF and SNAP Enrollment Statistics](#)

TANF Basic monthly recipient counts averaged for the 2012 state fiscal year (September 1, 2011 to August 31, 2012).

#### Average Monthly SNAP (Supplemental Nutrition Assistance Program) Participants

Source: The Health and Human Services Commission, Center for Strategic Decision Support.

Website: [Texas TANF and SNAP Enrollment Statistics](#)

SNAP recipient counts averaged for the 2012 state fiscal year (September 1, 2011 to August 31, 2012).

#### Average Monthly CHIP (Children's Health Insurance Program) Enrollment

Source: The Health and Human Services Commission, Research and Statistics.

Website: [CHIP Enrollment Statistics](#)

CHIP enrollment counts averaged for the 2012 state fiscal year (September 1, 2011 to August 31, 2012).

#### Count of Medicaid Clients

Source: The Health and Human Services Commission, Center for Strategic Decision Support.

Website: [Medicaid Enrollment Statistics](#)

Counts provided in the profiles are unduplicated. A Medicaid client is a person who is enrolled in the Medicaid program and thus is eligible to receive services funded through Medicaid. In a given fiscal year some persons may enter and exit the Medicaid program on more than one occasion. Under the concept of unduplicated counts, persons certified eligible more than once during the fiscal year are counted only one time.

#### Medicaid Covered Births

Source: The Health and Human Services Commission, Center for Strategic Decision Support.

Number of Medicaid deliveries by county for state fiscal year (aggregated for other regions). Percentages are based on ratios to total live births for state fiscal year as opposed to those in the Natality section that are based on a calendar year. For the "Texas only" Health Facts Profile, the total number of Medicaid covered births and the percent of total births includes undocumented aliens (TP-30 clients). On all other profiles, the total number and percentages exclude TP-30 clients because this data is collected only at a statewide level. On the region profiles this exclusion is also in the Texas numbers, to allow for direct comparison between the region and statewide statistics.

## Unemployment Rate

Source: U.S. Department of Labor, Bureau of Labor Statistics (BLS), Labor force data by county, 2012 annual averages as of Dec. 9, 2014.  
Website: [Local Area Unemployment Statistics](#)

The unemployment rate is the number of unemployed residents divided by the number of residents in the labor force.

## Per Capita Personal Income

Source: Bureau of Economic Analysis (BEA), U.S. Department of Commerce  
Website: [Table CA1-3, Local Area Personal Income](#)

Per capita personal income is the annual total personal income of residents divided by resident population, based on U.S. Census Bureau county population estimates available as of March 2014.

## Without Health Insurance

Source: U.S. Census Bureau, Small Area Health Insurance Estimates (SAHIE) program released March 2014.  
Website: [Small Area Health Insurance Estimates](#)

Number and percent of people without health insurance. Numbers are for all income levels. The number for ages 0-17 is the number for ages 0-64 minus the number for ages 18-64.

## Persons Living Below Poverty

Source: U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE) program (As of December 2013)  
Website: [SAIPE for School Districts, Counties, and States](#)

Number and percent of people living below poverty: Total, 0-17 years, and 18 years and over. The numbers for those 18 years and over are derived by subtracting those for 0-17 years from the total.

## **Births (Nativity)**

### Total Live Births, Adolescent Mothers, and Unmarried Mothers

Source: Center for Health Statistics, Texas Department of State Health Services  
Website: [Center for Health Statistics](#)

### Prenatal Care in First Trimester

Source: Center for Health Statistics, Texas Department of State Health Services  
Website: [Center for Health Statistics](#)

Texas adopted the new U.S. Standard Certificate of Live Birth beginning in 2005. One of the major changes is the item on month prenatal care began. Previously, month prenatal care began was a direct question on the birth certificate. Now, it is calculated based on other fields such as date of last menses, date of first prenatal visit etc. Consequently, onset of prenatal care within the first trimester data are not comparable to previous years.

Percentages are obtained using the number of live births to mother who began prenatal care in the first trimester divided by the number of births with known onset of prenatal care. Percentages have not been calculated if 1 to 20 births or events occurred, as indicated by "---". Counts are not displayed for 1 to 9 births or events.

### Low Birth Weight

Source: Center for Health Statistics, Texas Department of State Health Services  
Website: [Center for Health Statistics](#)

Percentages are obtained using the number of low birth weight births (<2,500 grams) divided by the number of births with known birth weights. Percentages have not been calculated if 1 to 20 births or events occurred, as indicated by "---". Counts are not displayed for 1 to 9 births or events.

## Fertility Rate

Source: Center for Health Statistics, Texas Department of State Health Services  
Texas State Data Center 2012 Population Estimates

Websites: [Center for Health Statistics](#)  
[Texas State Data Center – Population Estimates](#)

The fertility rate is calculated using total live births from the 2012 Texas Birth Certificate File and the 2012 estimate of the female population 15 to 44 years of age (as described in the Demography section of this report).

## Communicable Disease – Reported Cases

All communicable disease rates have been calculated using the 2012 population estimates as described in the Demography section of this report. Rates are per 100,000 population. Counts and rates are suppressed if 1 to 4 cases occurred, as indicated by "---".

### Tuberculosis

Source: Infectious Disease Control Unit, Texas Department of State Health Services  
Website: [Texas DSHS, TB Statistics](#)

Cases exclude counts for the Texas Department of Criminal Justice. The rate is calculated net of the prison population provided by the TDCJ as of December 9, 2014.

### Sexually Transmitted Diseases: Primary and Secondary Syphilis, Gonorrhea, and Chlamydia

Source: Texas STD Surveillance Report 2013, HIV/STD Program, Texas Department of State Health Services  
Website: [HIV/STD Program Reports](#)

### AIDS (Acquired Immunodeficiency Syndrome)

Source: Texas HIV Surveillance Report 2013, HIV/STD Program, Texas Department of State Health Services  
Website: [HIV/STD Program Reports](#)

Cases exclude counts for the Texas Department of Criminal Justice. The rate is calculated net of the prison population provided by the TDCJ as of July 14, 2014.

### Pertussis (Whooping Cough) and Varicella (Chickenpox)

Source: Infectious Disease Control Unit, Texas Department of State Health Services  
Websites: [Texas Pertussis Statistics](#) and [Texas Varicella Statistics](#)

## Deaths (Mortality)

### Causes of Death (All Ages)

Source: Center for Health Statistics, Texas Department of State Health Services  
Website: [Center for Health Statistics](#)

Deaths are classified using ICD-10 codes for Underlying Cause of Death. Rates are age-adjusted using the 2000 U.S. Standard Population (11 age groups, Distribution #1) and presented per 100,000 population. Rates have not been calculated if 1 to 20 deaths occurred, as indicated by "---". Counts are not displayed for 1 to 9 deaths.

#### **List of Death Causes with ICD-10 Codes**

All Causes

Heart Disease (ICD-10 Codes I00-I09,I11,I13,I20-I51)

Cerebrovascular Disease (Stroke) (ICD-10 Codes I60-I69)

All Cancer (Malignant Neoplasms: ICD-10 Codes C00-C97)

Lung Cancer (Malignant Neoplasms of Trachea, Bronchus, and Lung: ICD-10 Codes C33-C34)

Female Breast Cancer (Malignant Neoplasm of Breast: ICD-10 Codes C50 for females only)

Colon Cancer (Malignant Neoplasms of Colon, Rectum, and Anus: ICD-10 Codes C18-C21)

Prostate Cancer (Malignant Neoplasm of Prostate: ICD-10 Code C61 for males only)

Chronic Lower Respiratory Disease (ICD-10 Codes J40-J47)

Kidney Disease (Nephritis, Nephrotic Syndrome and Nephrosis: ICD-10 Codes N00-N07, N17-N19, N25-N27)

Accidents (Unintentional Injury: ICD-10 Codes V01-X59, Y85-Y86)

Motor Vehicle Accidents (Injury) (ICD-10 Codes V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2)

Diabetes (ICD-10 Codes E10-E14)

Alzheimer's Disease (ICD-10 Code G30)

Influenza and Pneumonia (ICD-10 Codes J09-J18)

Assault (Homicide: ICD-10 Codes X85-Y09, Y87.1)

Suicide (Intentional Self Harm: ICD-10 Codes X60-X84, Y87.0)

Septicemia (ICD-10 Codes A40-A41)

Liver Disease (Chronic Liver Disease and Cirrhosis: ICD-10 Codes K70, K73-K74)

## Infant Deaths

Source: Center for Health Statistics, Texas Department of State Health Services

Website: [Center for Health Statistics](#)

Infant death rate is number of deaths of individuals less than one year of age per 1,000 live births. Death rates were not calculated if 1 to 20 deaths or births occurred, as indicated by "---". Counts are not displayed for 1 to 9 infant deaths.

## Fetal Deaths

Source: Center for Health Statistics, Texas Department of State Health Services

Website: [Center for Health Statistics](#)

Fetal deaths are those occurring after 20 weeks gestation and prior to birth and exclude those of unknown gestation period. The fetal death rate is the number of fetal deaths per 1,000 combined live births and fetal deaths. Death rates were not calculated if 1 to 20 births or births plus fetal deaths occurred, as indicated by "---". Counts are not displayed for 1 to 9 fetal deaths.