

Community Health Status Assessment

*Results Report for Tarrant County
December 2012*



**TARRANT COUNTY
VOICES FOR HEALTH**

Empowered People Living Healthy in a Vibrant and Safe Community

About Tarrant County Voices for Health:

We are representatives from health and human services organizations, neighborhoods, businesses, and local government working together to develop a strategic community health improvement plan for Tarrant County.

COMMUNITY HEALTH STATUS ASSESSMENT

BACKGROUND

February 2012 marked the beginning of the Tarrant County-wide Mobilizing for Action through Planning and Partnerships (MAPP) process. Over 60 community organizations, neighborhoods, businesses, educational institutions, community leaders and local government representatives committed to work together to develop a strategic Community Health Improvement Plan (CHIP) for Tarrant County. As part of the overall MAPP process in Tarrant County, a Subcommittee of four MAPP steering committee members was formed in the spring of 2012 to conduct a Community Health Status Assessment (CHSA).

Community Health Status Assessment Subcommittee Members included:

- Dr. Robert Munoz (Chair), Tarrant County College District
- Yvette M. Jones (MAPP Coordinator), Tarrant County Public Health
- Dr. Anita Kurian, Tarrant County Public Health
- Dr. Richard Kurz, UNT Health Science Center – School of Public Health
- Larry Tubb, Cook’s Children Health Care System

The CHSA Subcommittee was responsible for addressing the following objectives:

1. To determine the health status of the community.
2. To gather data for important health indicators.

The subcommittee collected data on the eleven core (see Appendix A) and extended indicators lists (see Appendix B) as well as reviewed previous assessment efforts in order to build from them if needed. It is hoped that the results will provide our community with information regarding what are the major health priorities in Tarrant County in order to address the health status issues found. The remainder of this report will focus on the methodology used and the outcomes from the assessment.

METHODOLOGY

The CHSA Subcommittee used the [CHSA Core Indicator List Worksheet](#) provided in the National Association of County & City Health Officials (NACCHO) CHSA Clearinghouse of Resources as the collection tool to aggregate the most recent results available from:

- Texas Department of State Health Services
- US Census Bureau
- Tarrant County Public Health
- Community-wide Children’s Health Assessment and Planning Survey, Cook Children’s Health Care System, 2012
- Texas Health and Human Services Commission
- Tarrant County Homeless Coalition
- National Alliance to End Homelessness
- John Peter Smith Health System
- Bureau of Labor Statistics
- Texas Department of Insurance
- Centers for Disease Control and Prevention
- Mental Health Mental Retardation of Tarrant County
- North Texas Council of Governments

These data, when aggregated, demonstrated some gaps in assessing the health status of the entire county population. Using the MAPP Steering Committee as representatives of their respective constituencies across the county, a nominal group process produced a list of 88 indicators felt to be missing from the initial core indicator list. That list was then used as a starting point to conduct issue specific research and to poll the Steering Committee members for data responsive to the missing indicators. That effort found:

No information available	22
No Tarrant County specific information available	29
New data indicators	37

These new data were then incorporated into a final Tarrant County Community Health Status Profile (see Attachment C).

OUTCOMES- Top Five Adult Health Issues

- **STDs – Chlamydia infections:** Chlamydia has consistently ranked as the leading communicable disease in Tarrant County for the past five years and contributes to ~ 63% of the top ten leading communicable diseases in TC.
- **Infant Mortality:** In 2010, Tarrant County with 7.5 infant deaths per 1000 live births had the second highest infant mortality rate among Texas counties with 10,000 or more live births.

- **Obesity:** ~28% of TC adults are obese. Obesity is a major risk for cardiovascular disease and predisposes one to diabetes which is a risk factor for cardiovascular disease (CVD). CVD has remained the leading cause of death in TC (as is at the state & the national level) in over a decade.
- **Smoking:** ~19% of TC adults are current smokers. The TC prevalence estimates for smoking is higher than the state and the national estimate. Furthermore, smoking – both active and passive are major risk factors for CVD.
- **Asthma:** Prevalence of asthma in TC adults is ~9% which is approximately 1.2 times higher than the state and national asthma prevalence estimates.

OUTCOMES – Children’s Health Issues

Our assessment shows asthma and obesity to be the number 1 and 2 children’s health issues. In support of that, the following is the data collected for Tarrant County children ages 0-14:

TARRANT COUNTY

Has a doctor or health professional ever told you that the child has asthma?

Number of Responses (n): 2008 = 4712, 2012 = 5137

	2008	2012
Yes	18.59%	17.19%

Does this child currently have asthma?

Number of Responses (n): 2012 = 5137 No results exist for the year 2008

	2008	2012
Yes		11.10%

Does this child have an individualized asthma action plan?

Number of Responses (n): 2012 = 261 No results exist for the year 2008

	2008	2012
Yes		69.73%

What is the child’s BMI Classification?

Number of Responses (n): 2008 = 4424, 2012 = 4842

	2008	2012
Underweight	7.64%	6.84%
Normal	43.33%	41.39%
Overweight	12.55%	11.54%
Obese	19.33%	20.38%
Blank	17.16%	19.85%

Future Suggested Discussions

Based on the information presented in this report, the following are possible points of discussion for the community to consider.

For Adults

In the adult population, we must review the current educational efforts placed on educating young adults regarding chlamydia. What groups must be brought to the table to participate in providing valued information on prevention of STDs?

Obesity continues to be on the rise in our fast-food American life. What efforts must be expanded to promote and maintain healthy lifestyles that curb the ever rising trend? Studies show, if the parents are obese, the child will also be as the child adopts the unhealthy lifestyle choices and behaviors.

What more needs to be done to educate young adults, especially females, regarding the long-term damage that smoking causes? How many obese adults smoke and how does this contribute to the rise in asthma in adults, as Tarrant County is higher than the national average?

How is it possible that in the riches country in the world that Tarrant County has the second highest infant mortality rate in Texas? This ranking is not just a poor woman’s issue as it also impacts the well-educated.

For Children

Is the rise in asthma related to unhealthy eating habits and processed foods? Is there also a link to the lack of playing outdoors, which is known to build up the immune system of young children? What part do environmental factors play in the rise of asthma?

Grass root efforts are in play to reduce childhood obesity. Efforts such as Fit Fort Worth must be expanded into summer programs to keep children engaged in physical activity opportunities year round. What efforts need to be expanded to make the parents more aware and responsible for the well-being of their child?

APPENDIX A:

Core Indicators List

Core Indicators (Data Elements) for 11 Broad-based Categories

Who are we and what do we bring to the table?

1. Demographic Characteristics
2. Socioeconomic Characteristics
3. Health Resource Availability

What are the strengths and risks in our community that contribute to health?

4. Quality of Life Behavioral Risk Factors
5. Environmental Health Indicators
6. Social and Mental Health

What is our health status?

7. Maternal and Child Health
8. Death, Illness and Injury
9. Infectious Disease
10. Sentinel Events

APPENDIX B:

Extended Indicators Lists Worksheet

Community Health Status Assessment Extended Indicator Lists

Category One

No extended indicators

Category Two

Socioeconomic Characteristics

Extended Indicators	County	State
Per Capita Income		
WIC eligibles: Percent of total population		
Medicaid eligibles: Percent of total population		
High School Graduation Rate Percent of population with a college or higher level of education		
Food Stamp Recipients - Percent of total population		
Number of subsidized housing units per total number of households.		

Category Three

Health Resource Availability

Extended

1. Medicaid physician availability: ratio
1. Medicaid dentist availability: ratio
2. Licensed doctors: rate total population
3. Licensed opticians/optometrists: rate total population
4. Licensed practical nurses: rate total population
5. Licensed advanced registered nurse practitioners: rate total population
6. Licensed registered nurses: rate total population
7. Nursing home beds: rate total population (and occupancy rate)
8. Adult living facility beds: total population
9. Percent of population provided primary care services by private providers
10. Percent of population provided primary care services by community and migrant health centers
11. Percent of population provided primary care services by other sources

Category Four

Quality of Life

Extended

1. Proportion of residents planning to stay in the community / neighborhood for next five years
2. Proportion of youth involved in organized after school recreational/educational activities
3. Number of child care facilities/ preschool –age population
4. Number of small/medium licensed businesses/population
5. Number of small locally owned businesses/population
6. Proportion of minority-owned businesses
7. Number of neighborhood/community-building get-togethers /year
8. Number of support resources identified by residents
9. Outreach to the physically, mentally, or psychologically challenged
10. Number of cultural events per year
11. Number of ethnic events per year
12. Number of inter-ethnic community groups and associations
13. Participation in developing a shared community vision
14. Number of grass root groups active at neighborhood level
15. Number of advocacy groups active at community level
16. Civic participation hours/week (volunteer, faith-related, cultural, political)
17. Percent registered to vote

Category Six

Environmental Health Indicators

Extended

1. Solid Waste Management - number of sanitary nuisance complaints
2. Solid Waste Management - percent of residences serviced by sanitary elimination program (garbage pickup, recycling)
3. Solid Waste Management - pounds of recycled solid waste per day per person
4. Compliance in tributary streams with water standards for dissolved oxygen
5. Salmonella cases: rate per total population (CHSI Report – number of cases)
6. Shigella: rate per total population (CHSI Report – number of cases)
7. Enteric cases: total cases per total population
8. Incidence of animal/vector-borne disease (e.g., Lyme, West Nile, encephalitis)
9. Contaminated wells: percent of total wells sampled
10. Septic tanks: rate per total population
11. Septic tanks: rate of failure
12. Sanitary nuisance complaints: rate per total population
13. Radon Detection - percent of homes tested for or remedied of excessive levels
14. Hazardous Waste Sites number - percent of population within exposure area
15. Percent of restaurants that failed inspection
16. Percent of pools that failed inspection
17. Number of houses built before 1950 (risk for lead-based paint exposure): number and proportion in community

Category Seven

Social and Mental Health

Extended

1. Elderly abuse: rate per population > age 59
2. Simple assaults: rate per total population
3. Aggravated assaults: rate per total population
4. Burglary: rate per total population
5. Illegal drug sales and possession: rate per total population
6. Forcible sex: rate per total population
7. Intentional injury: age-adjusted mortality
8. Alcohol related mortality rate
9. Binge drinking -- percent of adult population (Note: This indicator is also listed in the Category 7)
10. Treatment for mental disorder -- percent of population
11. Crime rates: violent crimes; hate crimes; sexual assault

Category Eight

Maternal and Child Health

Extended

1. Live birth rate
2. Fertility rates
3. 3rd trimester prenatal care: percent of total, white, non-white per live births
4. No prenatal care: percent of total, white, non-white live births
5. Prenatal care; no care; adequate care
6. Repeat births to teens
7. Family planning numbers as percent of target population
8. Low birthweight: percent of total, white, non-white live births (CHSI Report – percent of total population)
9. Perinatal conditions: AAM
10. Mortality due to birth defects: total, white, non-white rate population (CHSI Report)
11. EPSDT as percent of eligibles
12. WIC recipients as percent of eligibles
13. Teen and young adult tobacco smoking rates
14. C-section rate

Category Nine

Death, Illness, and Injury

Extended

Morbidity (Incidence of newly diagnosed cases)

1. Breast cancer (total, white, non-white)
2. Cervical cancer (total, white, non-white)
3. Colorectal cancer
4. Lung and bronchus cancer
5. Prostate cancer
6. Melanoma
7. Oral cancer
8. Dental caries in school-aged children

Hospitalizations (number and rate/total pop.) for the following:*

9. Asthma
10. Cellulitis
11. Congestive heart failure
12. Diabetes
13. Gangrene
14. Influenza
15. Malignant hypertension
16. Perforated/bleeding ulcers

17. Pneumonia
18. Pyelonephritis
19. Ruptured appendix

* High or increasing hospitalization numbers may indicate either a lack of necessary primary care or an excess of the risk factors in the community. Careful analysis will need to be conducted to determine which is the case in the community.

Category Ten

Communicable Disease

Extended

1. Nosocomial infections
2. Group B streptococcus

Category Eleven

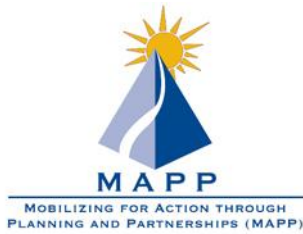
Sentinel Events

Extended

1. Congenital syphilis
2. Childhood TB
3. Drug-resistant TB
4. Residential fire deaths (number and rate)
5. Drug overdose deaths (number and rate)
6. Gun-related youth deaths (number and rate)
7. Maternal death (number and rate)

APPENDIX C:

Core Indicators Analysis



COMMUNITY HEALTH STATUS ASSESSMENT TARRANT COUNTY



HEALTH INDICATORS

I. Demographic Profile

- Population by gender, age group, and race/ethnicity

II. Socioeconomic Profile

- Percent of population below poverty level
- Percent of unemployment among those aged 16 years and older
- Number of Food Stamp/SNAP recipients in past 12 months
- Number of persons in the WIC program
- Number of Medicaid recipients per month
- Estimated number of homeless persons
- Educational attainment
 - Less than high school, high school or GED, tech/some college, college degree
- Household Income; percent of households in income levels

III. Years of Potential Life Lost

- Sum of years lost due to premature death (before age 75)
- Sum of years lost due to premature death by gender and race/ethnicity

IV. Access to Primary Health Care Profile

- Prevalence of uninsured adults aged 18 years and older; by gender, age, and race/ethnicity
- Adults aged 18 years and older with a personal care provider; by gender, age, and race/ethnicity
- Community and Migrant Health Care Centers in Tarrant County
- Rate of Primary Care Physicians per 100,000 population

V. Occupational Health and Safety

- Work-related injuries – fatal
- Work-related injuries – non-fatal
- Cumulative trauma disorders
- Occupational skin disorders
- Occupational disease

VI. Substance Abuse

- Alcohol-induced deaths
- Chronic liver disease and cirrhosis deaths

- Drug-induced deaths
- Trachea, bronchus, and lung cancer deaths
- Current smokers (18 years of age and above)

VII. Mental Health / Mental Retardation

- Poor mental health among adults aged 18 years and older; by gender, age, and race/ethnicity
- Frequent mental distress among adults aged 18 years and older; by gender, age, and race/ethnicity
- Suicides (overall)
- Suicides among those aged 15-24 years
- Patients seen by Mental Health Mental Retardation of Tarrant County
- Child and adolescent mental disorders
- Adult mental disorders
- Stress-related health effects
- Serious mental retardation: school-aged children
- Serious mental retardation: non-institutionalized population

VIII. Other Risk Factors

- Overweight adults aged 18 years and older; by gender, age, and race/ethnicity
- Obese adults aged 18 years and older; by gender, age, and race/ethnicity
- Sedentary lifestyle among adults aged 18 years and older; by gender, age, race/ethnicity
- Cholesterol checked in the past five years among adults aged 18 years and older; by gender, age, race/ethnicity
- Diabetes among adults aged 18 years and older; by gender, age, race/ethnicity
- Current smokers among adults aged 18 years and older; by gender, age, race/ethnicity
- Hypertension among adults aged 18 years and older; by gender, age, race/ethnicity
- Receiving treatment for hypertension among adults aged 18 years and older who have been diagnosed with hypertension; by gender, age, race/ethnicity
- Seat belt use

IX. Fetal/Infant Health Indicators

- Live births
 - All ages, mothers less than 18 years old
- Prenatal Care of Women
 - No prenatal care, prenatal care began in first trimester
- Birth weight
 - Very low, low, adequate
- Mortality
 - Infant mortality, neonatal mortality, fetal mortality, perinatal mortality
- Birth Defects

X. Leading cause of death

- Leading causes of death overall
- Leading causes of death by gender
- Leading causes of death by race/ethnicity
- Leading causes of death by age group

XI. Prevalence of Chronic Diseases

- High blood cholesterol among adults aged 18 years and older; by gender, age, and race/ethnicity
- Hypertension among adults aged 18 years and older; by gender, age, and race/ethnicity
- Arthritis among adults aged 18 years and older; by gender, age, and race/ethnicity
- Asthma among adults aged 18 years and older; by gender, age, and race/ethnicity
- Diabetes among adults aged 18 years and older; by gender, age, and race/ethnicity
- Heart disease among adults aged 18 years and older; by gender, age, and race/ethnicity

XII. Prevalence of Communicable Diseases

- Leading communicable diseases overall
- Leading communicable diseases by gender
- Leading communicable diseases by race/ethnicity
- Leading communicable diseases by age group

XIII. Environmental Profile

- Historical activity for the 8-hour Ozone Standard; by site
- Air pollutants
- Water contaminants
- Food contaminants
- Land pollution
- Other environmental hazards

NOTE: Information in red indicates that data is currently not available based on existing data used for analysis.

I. DEMOGRAPHIC PROFILE

Population by gender, age group, and race/ethnicity, Tarrant County and Texas, 2010

	Tarrant County	Texas
Total Population	1,825,548	25,373,947
Gender	Percent Population	
Female	49.7	49.8
Male	50.3	50.2
Age (in years)		
<1	1.6	1.6
1-14	20.5	20.2
15-24	14.3	14.6
25-44	32.1	30.0
45-64	23.4	23.7
65-74	4.8	5.6
75 & older	3.2	4.3
Race/Ethnicity		
Hispanic	30.4	38.8
Non-Hispanic Black	13.4	11.5
Non-Hispanic White	49.1	45.1
Other	7.1	4.6
AI/AN	0.4	0.3
Asian	4.7	3.1
NH/OPI	0.2	0.1
Other	0.1	0.1
Two or more races	1.7	1.0

AI/AN = American Indian/Alaska Native

NH/OPI = Native Hawaiian / Other Pacific Islander

Data source: Texas Department of State Health Services and US Census Bureau

From 2005 to 2010 the population of Tarrant County increased 12.6%, while it increased 11.0% in Texas, and 7.1% in the United States.

The population of Tarrant County is projected to grow to an estimated 2.4 million residents in 2020, a 30.5% increase from 2010.

II. SOCIOECONOMIC PROFILE

Selected socioeconomic indicators, Tarrant County and Texas

Socioeconomic Measure	Tarrant County	Texas	Year
Percent of population below poverty level ¹	14.5	17.9	2010
Percent unemployment among those aged 16 years and older ¹	9.7	8.8	2010
Number of Food Stamp / SNAP recipients in past 12 months ¹	63,577	1,123,649	2010
Number of persons in the WIC program ^{2,3}	61,767	994,927	2010
Number of Medicaid recipients per month (average) ⁴	196,956	3,385,095	2010
Estimated number of homeless persons ^{5,6}	2,243	36,911	2011

Data source: ¹US Census Bureau, ²Tarrant County Public Health, ³Texas Department of State Health Services, ⁴Texas Health and Human Services Commission, ⁵Tarrant County Homeless Coalition, ⁶National Alliance to End Homelessness

Educational attainment, Tarrant County and Texas, 2010[†]

Education Level	Tarrant County	Texas
	Percent	
Less than high school	16.0	19.3
High school or GED	24.2	25.6
Tech/Some college	31.2	29.1
College degree [‡]	28.6	25.9

[†] Among those aged 25 years and older

[‡] Includes bachelor's, graduate, and professional degrees

Data source: US Census Bureau

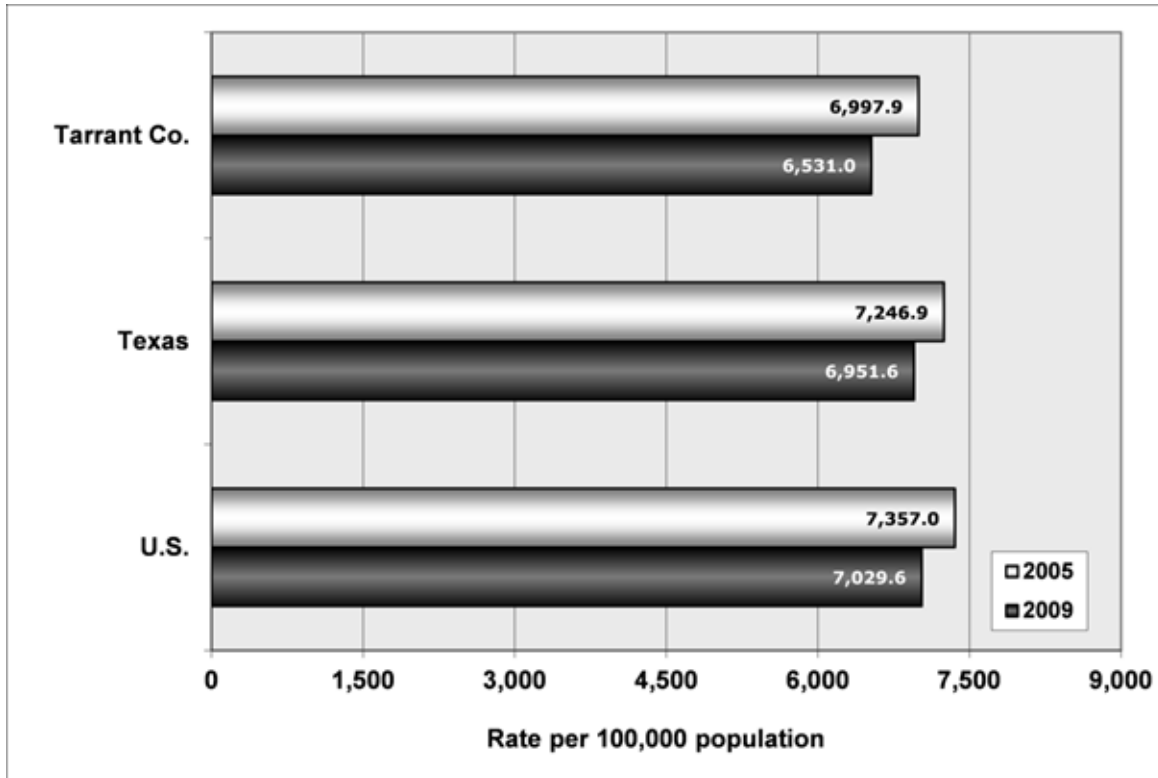
Household income, Tarrant County and Texas, 2010

Household Income	Tarrant County	Texas
Total Households	655,273	8,738,664
Percent Households		
Less than \$10,000	6.0	7.8
\$10,000 to \$14,999	4.7	5.9
\$15,000 to \$24,999	10.9	11.8
\$25,000 to \$34,999	11.0	11.2
\$35,000 to \$49,999	14.5	14.4
\$50,000 to \$74,999	19.6	18.2
\$75,000 to \$99,999	11.9	11.4
\$100,000 or more	21.4	19.3

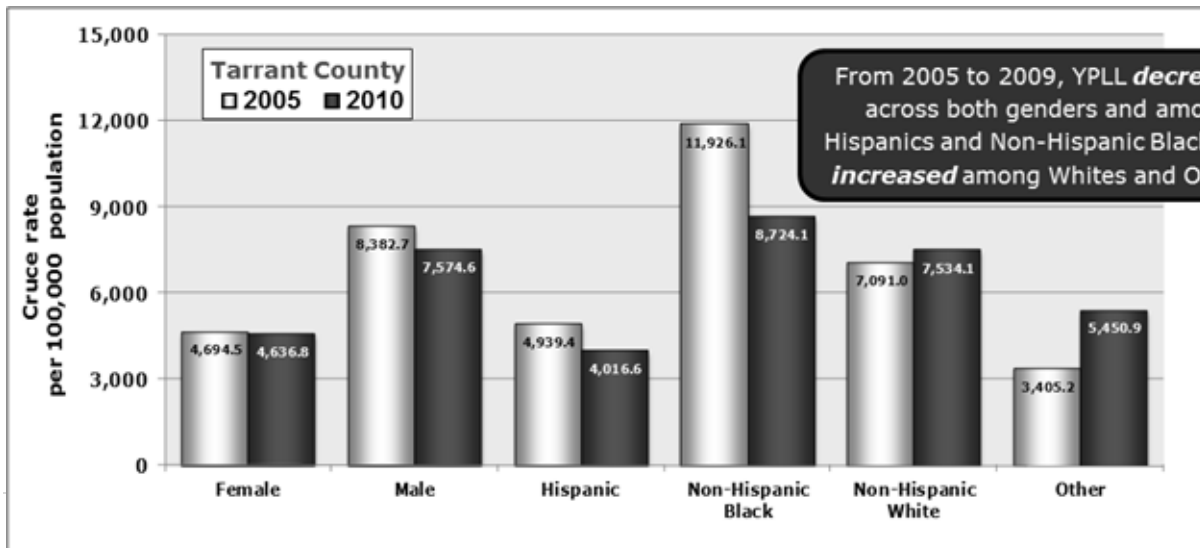
Data source: US Census Bureau

III. YEARS OF POTENTIAL LIFE LOST (OPTIONAL)

Sum of years lost due to premature death (before age 75), Tarrant County, Texas, and the United States, 2005 and 2009



Sum of years lost due to premature death (before age 75) by gender and race/ethnicity, Tarrant County, 2005 and 2009



**IV. ACCESS TO PRIMARY HEALTH CARE PROFILE
(OPTIONAL)**

Prevalence of uninsured adults aged 18 years and older, Tarrant County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2010)	15.1
Texas Overall (2010)	23.1
Tarrant Overall (2009/2010)	23.5
Gender	
Female	21.1
Male	26.2
Age (in years)	
18-24	44.8
25-34	32.4
35-44	23.7
45-54	17.9
55-64	11.9
≥65	2.1
Race/Ethnicity	
Hispanic	55.4
Non-Hispanic Black	29.5
Non-Hispanic White	14.3
Other	18.6

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Adults aged 18 years and older with a personal care provider, Tarrant County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2010)	81.8
Texas Overall (2010)	76.9
Tarrant Overall (2009/2010)	74.8
Gender	
Female	78.4
Male	70.9
Age (in years)	
18-24	54.3
25-34	61.9
35-44	73.8
45-54	84.5
55-64	91.2
≥65	95.5
Race/Ethnicity	
Hispanic	44.2
Non-Hispanic Black	74.6
Non-Hispanic White	82.6
Other	82.6

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Community and Migrant Health Care Centers in Tarrant County

- County hospital with 12 outlying clinics *(Data source: John Peter Smith Health System)*
- County public health department with 20 outlying clinics *(Data source: Tarrant County Public Health)*
- Two Federally Qualified Health Centers *(Data source: Texas Department of State Health Services)*

Primary Care Physicians (PCP), Tarrant County and Texas, 2010

- Tarrant County: 74.8 PCP per 100,000 population
- Texas: 69.1 PCP per 100,000 population
(Data source: Texas Medical Board)

V. OCCUPATIONAL HEALTH AND SAFETY (OPTIONAL)

Work-Related Injuries - Fatal

- National estimate – 4,690 deaths
- Dallas-Fort Worth Metroplex estimate – 82 deaths

(Data source: Bureau of Labor Statistics)

Work-Related Injuries – Non-Fatal

- National estimate – 3.5 injuries per 100 full time private sector employees
- Texas estimate – 2.7 injuries per 100 full time private sector employees
- Tarrant County estimate – no data available

(Data source: Texas Department of Insurance)

Data not available for:

- Cumulative trauma disorders
- Occupational skin disorders
- Occupational disease

**VI. SUBSTANCE ABUSE
(OPTIONAL)**

Substance abuse indicators, Tarrant County and the United States

Indicator	Tarrant County	United States
Alcohol-induced deaths ¹	5.1 per 100,000 (2009)	7.4 per 100,000 (2008)
Alcohol-related accidents - Nonfatal	N/A	N/A
Chronic liver disease & cirrhosis deaths ¹	10.1 per 100,000 (2009)	9.2 per 100,000 (2008)
Drug-induced deaths ¹	8.8 per 100,000 (2009)	12.6 per 100,000 (2008)
Drug abuse emergency room visits	N/A	N/A
Trachea, bronchus, and lung cancer deaths ¹	50.0 per 100,000 (2009)	52.2 per 100,000 (2008)
Current smokers (aged ≥ 18 years) ²	18.5% (2009/2010)	17.1% (2010)

¹Data sources: Texas Department of State Health Services and the Centers for Disease Control and Prevention; Rates age-adjusted to 2000 US standard population

²Data sources: Tarrant County Public Health and the Centers for Disease Control and Prevention; Percents weighted to population characteristics

VII. MENTAL HEALTH / MENTAL RETARDATION (OPTIONAL)

Poor mental health among adults aged 18 years and older, Tarrant County, Texas, and the United States [†]

Characteristic	Weighted Percentage*
United States Overall (2010)	19.9
Texas Overall (2010)	20.1
Tarrant Overall (2009/2010)	18.8
Gender	
Female	22.8
Male	14.7
Age (in years)	
18-24	25.7
25-34	20.9
35-44	16.4
45-54	21.1
55-64	16.2
≥65	11.7
Race/Ethnicity	
Hispanic	23.7
Non-Hispanic Black	21.8
Non-Hispanic White	17.4
Other	14.4

[†] Reporting 5 or more mentally unhealthy days in the past 30 days

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Centers for Disease Control and Prevention

Frequent mental distress among adults aged 18 years and older Tarrant County, Texas, and the United States [†]

Characteristic	Weighted Percentage*
United States Overall (2010)	10.7
Texas Overall (2010)	10.8
Tarrant Overall (2009/2010)	9.5
Gender	
Female	12.3
Male	6.6
Age (in years)	
18-24	10.8
25-34	10.3
35-44	8.9
45-54	11
55-64	9.3
≥65	6
Race/Ethnicity	
Hispanic	12.9
Non-Hispanic Black	11.1
Non-Hispanic White	8.7
Other	4.4

[†] Reporting 14 or more mentally unhealthy days in the past 30 days

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Centers for Disease Control and Prevention

Suicides

- United States (2008) – 11.6 per 100,000 population
- Texas (2009) – 11.4 per 100,000 population
- Tarrant County (2009) - 9.6 per 100,000 population

(Data source: Texas Department of State Health Services and the Centers for Disease Control and Prevention;

Rates age-adjusted to 2000 US standard population)

Suicides among those aged 15-24 years

- United States (2008) – 10.1 per 100,000 population
- Texas (2009) – 11.0 per 100,00 population
- Tarrant County (2009) - 7.3 per 100,000 population

(Data source: Texas Department of State Health Services and the Centers for Disease Control and Prevention;

Rates are age group specific)

Patients aged 3 years and older seen by Mental Health Mental Retardation of Tarrant County, 2011

- Approximately 20,000
- No state or national comparisons available

(Data source: Mental Health Mental Retardation of Tarrant County)

Data not available for:

- Child and adolescent mental disorders
- Adult mental disorders
- Stress-related health effects
- Serious mental retardation: School-aged children
- Serious mental retardation: Non-institutionalized population

**VIII. OTHER RISK FACTORS
(OPTIONAL)**

Overweight (BMI 25.0-29.9) adults aged 18 years and older, Tarrant County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2010)	35.4
Texas Overall (2010)	34.8
Tarrant Overall (2009/2010)	37.5
Gender	
Female	30.0
Male	44.8
Age (in years)	
18-24	31.6
25-34	36.9
35-44	39.4
45-54	39.4
55-64	35.2
≥65	40.0
Race/Ethnicity	
Hispanic	45.6
Non-Hispanic Black	36.9
Non-Hispanic White	36.4
Other	24.2

*Estimates weighted to population characteristics
Data source: Tarrant County Public Health and Texas Department of State Health Services

Obese (BMI ≥ 30.0) adults aged 18 years and older, Tarrant County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2010)	28.9
Texas Overall (2010)	31.8
Tarrant Overall (2009/2010)	28.2
Gender	
Female	27.1
Male	29.2
Age (in years)	
18-24	15.8
25-34	27.7
35-44	29.6
45-54	33.5
55-64	36.5
≥65	26.2
Race/Ethnicity	
Hispanic	31.7
Non-Hispanic Black	34.5
Non-Hispanic White	37.1
Other	16.6

*Estimates weighted to population characteristics
Data source: Tarrant County Public Health and Texas Department of State Health Services

Sedentary lifestyle among adults aged 18 years and older, Tarrant County, Texas, and the United States[†]

Characteristic	Weighted Percentage*
United States Overall (2010)	24.4
Texas Overall (2010)	26.7
Tarrant Overall (2009/2010)	26.0
Gender	
Female	30.4
Male	21.3
Age (in years)	
18-24	16.4
25-34	23.1
35-44	28.2
45-54	28.0
55-64	27.4
≥65	34.7
Race/Ethnicity	
Hispanic	36.5
Non-Hispanic Black	29.3
Non-Hispanic White	22.3
Other	30.1

[†] No leisure time physical activity during the previous month

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Cholesterol checked in the past five years among adults aged 18 years and older, Tarrant County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2009)	77.5
Texas Overall (2009)	72.0
Tarrant Overall (2009/2010)	76.5
Gender	
Female	77.8
Male	75.2
Age (in years)	
18-24	42.6
25-34	63.8
35-44	78.2
45-54	88.6
55-64	95.2
≥65	94.8
Race/Ethnicity	
Hispanic	60.5
Non-Hispanic Black	74.8
Non-Hispanic White	81.1
Other	80.4

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Diabetes among adults aged 18 years and older, Tarrant County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2010)	9.3
Texas Overall (2010)	9.7
Tarrant Overall (2009/2010)	8.5
Gender	
Female	8.9
Male	8.2
Age (in years)	
18-24	-
25-34	2.9
35-44	3.8
45-54	12.8
55-64	20.3
≥65	23.0
Race/Ethnicity	
Hispanic	8.6
Non-Hispanic Black	11.8
Non-Hispanic White	8.0
Other	7.6

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Current smokers among adults aged 18 years and older, Tarrant County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2010)	17.1
Texas Overall (2010)	15.8
Tarrant Overall (2009/2010)	18.5
Gender	
Female	14.8
Male	22.4
Age (in years)	
18-24	36.0
25-34	14.5
35-44	17.3
45-54	20.5
55-64	17.7
≥65	9.2
Race/Ethnicity	
Hispanic	14.1
Non-Hispanic Black	21.4
Non-Hispanic White	19.7
Other	12.0

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Hypertension among adults aged 18 years and older, Tarrant County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2009)	29.3
Texas Overall (2009)	29.1
Tarrant Overall (2009/2010)	27.4
Gender	
Female	25.2
Male	29.8
Age (in years)	
18-24	13.3
25-34	13.8
35-44	16.7
45-54	35.1
55-64	51.8
≥65	60.8
Race/Ethnicity	
Hispanic	20.3
Non-Hispanic Black	36.8
Non-Hispanic White	28.5
Other	18.5

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Receiving treatment for hypertension among adults aged 18 years and older who have been diagnosed with hypertension, Tarrant County

Characteristic	Weighted Percentage*
Tarrant Overall (2009/2010)	72.6
Gender	
Female	78.9
Male	67.1
Age (in years)	
18-24	17.6
25-34	27.5
35-44	66.3
45-54	77.2
55-64	87.6
≥65	94.9
Race/Ethnicity	
Hispanic	62.5
Non-Hispanic Black	66.9
Non-Hispanic White	75.1
Other	88.0

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Data not available for:

- Seat belt use

IX. FETAL/INFANT HEALTH INDICATORS (OPTIONAL)

Selected fetal/infant health indicators, Tarrant County and Texas, 2009

Indicator	Tarrant County	Texas
	n (Rate)	n (Rate)
Live births		
All ages	29,060 (-)	401,599 (-)
Among mothers < 18 years old	1,208 (41.6)	18,732 (46.6)
Prenatal Care of Women		
No prenatal care	1,247 (42.9)	17,949 (44.7)
Prenatal care began in first trimester	14,997 (516.1)	220,473 (549.0)
Birth Weight		
Very low (< 1,500 gm)	411 (14.1)	5,952 (14.8)
Low (1,501-2,499 gm)	2,029 (69.8)	28,205 (70.2)
Adequate (\geq 2,500 gm)	26,619 (916.0)	367,429 (914.9)
Mortality[†]		
Infant mortality	194 (6.7)	2,394 (6.0)
Neonatal mortality	141 (4.9)	1,514 (3.8)
Fetal mortality	189 (6.5)	2,098 (5.2)
Perinatal mortality	330 (11.3)	3,612 (8.9)
Birth Defects (2006)[‡]		
Total	2,025 (69.7)	17,395 (43.6)

n = number; Rate per 1,000 live births

[†]Mortality definitions:

Infant - deaths among newborns less than one year of age

Neonatal - deaths among newborns less than 28 days of age

Fetal - born with no signs of life, regardless of gestational age
(does not include abortions)

Perinatal - combined fetal deaths > 28 weeks gestation and infant deaths at < 7 days of age

[‡]Infants and fetuses with any monitored birth defect; One birth can involve more than one defect

Data source: Texas Department of State Health Services

**X. LEADING CAUSES OF DEATH
(OPTIONAL)**

**Leading causes of death overall,
Tarrant County and Texas, 2009[†]**

	Tarrant n (% , Rate)	Texas n (% , Rate)
1	Diseases of the Heart 2,413 (23.0, 189.6)	Diseases of the Heart 38,008 (23.3, 186.7)
2	Malignant Neoplasms 2,349 (22.4, 175.3)	Malignant Neoplasms 35,531 (21.8, 167.6)
3	Cerebrovascular Dis. 635 (6.1, 52.2)	Cerebrovascular Dis. 9,118 (5.6, 45.8)
4	Chr. Lower Resp. Dis. 625 (6.0, 50.9)	Chr. Lower Resp. Dis. 8,624 (5.6, 43.5)
5	Accidents 537 (5.1, 33.3)	Accidents 9,310 (5.7, 40.0)
6	Alzheimer's Disease 287 (2.7, 25.7)	Alzheimer's Disease 5,062 (3.1, 26.9)
7	Diabetes Mellitus 273 (2.6, 20.6)	Diabetes Mellitus 4,866 (3.0, 23.1)
8	Nephritis, etc. 217 (2.1, 16.9)	Nephritis, etc. 3,688 (2.3, 18.2)
9	Influenza & Pneum. 194 (1.9, 15.5)	Influenza & Pneum. 3,380 (2.1, 16.7)
10	Septicemia 176 (1.7, 13.7)	Septicemia 3,085 (1.9, 15.0)

**Leading causes of death by gender,
Tarrant County, 2009**

	Male n (% , Rate)	Female n (% , Rate)
1	Diseases of the Heart 1,240 (24.1, 229.7)	Malignant Neoplasms 1,188 (22.3, 158.9)
2	Malignant Neoplasms 1,161 (22.5, 200.9)	Diseases of the Heart 1,173 (22.0, 158.2)
3	Accidents 368 (7.1, 46.3)	Cerebrovascular Dis. 364 (6.8, 50.2)
4	Cerebrovascular Dis. 271 (5.3, 53.7)	Chr. Lower Resp. Dis. 357 (6.7, 48.9)
5	Chr. Lower Resp. Dis. 268 (5.2, 54.9)	Alzheimer's Disease 194 (3.6, 27.3)
6	Diabetes Mellitus 144 (2.8, 25.2)	Accidents 169 (3.2, 20.9)
7	Intentional Self-Harm 135 (2.6, 16.0)	Diabetes Mellitus 129 (2.4, 17.2)
8	Nephritis, etc. 115 (2.2, 22.5)	Influenza & Pneum. 111 (2.1, 14.7)
9	Chr. Liver Dis. & Cir. 111 (2.2, 14.5)	Nephritis, etc. 102 (1.9, 13.4)
10	Alzheimer's Disease 93 (1.8, 23.3)	Septicemia 86 (1.6, 11.6)

[†]Top ten ranking order for Tarrant County only; Texas deaths are provided solely for comparison and are not ranked

n = number of deaths

Percent of total deaths attributed to a specific cause

Rate per 100,000 population, age-adjusted to 2000 US standard population

Data source: Texas Department of State Health Services

n = number of deaths

Percent of total deaths attributed to a specific cause

Rate per 100,000 population, age-adjusted to 2000 US standard population

Data source: Texas Department of State Health Services

Leading causes of death by race/ethnicity, Tarrant County, 2009

	White n (% , Rate)	Black n (% , Rate)	Hispanic n (% , Rate)	Other n (% , Rate)
1	Diseases of the Heart 1,866 (23.8, 194.9)	Diseases of the Heart 320 (23.3, 237.5)	Malignant Neoplasms 200 (20.9, 138.9)	Malignant Neoplasms 65 (21.0, 93.4)
2	Malignant Neoplasms 1,780 (22.7, 185.0)	Malignant Neoplasms 304 (22.1, 209.4)	Diseases of the Heart 165 (17.2, 157.9)	Diseases of the Heart 62 (20.1, 103.6)
3	Chr. Lower Resp. Dis. 554 (7.1, 59.6)	Cerebrovascular Dis. 98 (7.1, 72.3)	Accidents 75 (7.8, 19.8)	Accidents 37 (12.0, 42.4)
4	Cerebrovascular Dis. 479 (6.1, 51.3)	Accidents 57 (4.1, 29.2)	Cerebrovascular Dis. 48 (5.0, 39.9)	Diabetes Mellitus 11 (3.6, 16.6)
5	Accidents 368 (4.7, 39.7)	Diabetes Mellitus 53 (3.9, 40.7)	Diabetes Mellitus 35 (3.7, 27.1)	Cerebrovascular Dis. 10 (3.2, 19.2)
6	Alzheimer's Disease 250 (3.2, 27.1)	Nephritis, etc. 50 (3.6, 34.7)	Congenital Mal., etc. 34 (3.5, 4.8)	Intentional Self-Harm 10 (3.2, 7.7)
7	Diabetes Mellitus 174 (2.2, 17.9)	Chr. Lower Resp. Dis. 43 (3.1, 30.5)	Chr. Liver Dis. 32 (3.3, 11.7)	Assault 9 (2.9, 6.9)
8	Influenza & Pneum. 147 (1.9, 15.6)	Septicemia 34 (2.5, 26.9)	Con. Of Perinatal Per. 32 (3.2, 3.8)	Chr. Lower Resp. Dis. 8 (2.6, 8.3)
9	Intentional Self-Harm 140 (1.8, 14.2)	Hypertension, etc 32 (2.3, 23.1)	Nephritis, etc. 30 (3.1, 24.1)	Con. Of Perinatal Per. 7 (2.3, 5.7)
10	Nephritis, etc. 132 (1.7, 13.9)	Con. Of Perinatal Per. 27 (2.0, 8.5)	Chr. Lower Resp. Dis. 20 (2.1, 18.9)	Nephritis, etc. 5 (1.6, 13.3)

n = number of deaths

Percent of total deaths attributed to a specific cause

Rate per 100,000 population, age-adjusted to 2000 US standard population

Rates based on less than 20 deaths are considered unstable and should be interpreted with caution

Data source: Texas Department of State Health Services

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	< 1 Yr n (% , Rate)	1-14 Yrs n (% , Rate)	15-24 Yrs n (% , Rate)	25-34 Yrs n (% , Rate)	35-44 Yrs n (% , Rate)
1	Con. Of Perinatal Per. 95 (49.0, 320.9)	Accidents 21 (30.9, 5.6)	Accidents 82 (44.8, 31.6)	Accidents 90 (38.6, 32.3)	Malignant Neoplasms 77 (19.1, 29.1)
2	Congenital Mal., etc. 56 (28.9, 189.2)	Malignant Neoplasms 10 (14.7, 2.7)	Assault 21 (11.5, 8.1)	Intentional Self-Harm 23 (9.9, 8.3)	Diseases of the Heart 72 (17.8, 27.2)
3	SIDS [†] 19 (9.8, 64.2)	Congenital Mal., etc. 6 (8.8, 1.6)	Intentional Self-Harm 19 (10.4, 7.3)	Malignant Neoplasms 23 (9.9, 8.3)	Accidents 62 (15.3, 23.4)
4	---	Assault 5 (7.4, 1.3)	Malignant Neoplasms 11 (6.0, 4.3)	Diseases of the Heart 22 (9.4, 7.9)	Intentional Self-Harm 26 (6.4, 9.8)
5	---	---	Diseases of the Heart 8 (4.4, 3.1)	Assault 13 (5.6, 4.7)	HIV 17 (4.2, 6.4)
6	---	---	Preg., Child birth, etc. 6 (3.3, 2.3)	HIV 7 (3.0, 2.5)	Cerebrovascular Dis. 13 (4.2, 4.9)
7	---	---	Influenza & Pneum. 5 (2.7, 1.9)	Nephritis, etc. 5 (2.1, 1.8)	Chr. Liver Dis. & Cir. 11 (2.7, 4.2)
8	---	---	---	Preg., Child birth, etc. 5 (2.1, 1.8)	Assault 10 (2.5,3.7)
9	----	---	---	---	Diabetes Mellitus 10 (2.5, 3.7)
10	---	---	---	---	Influenza & Pneum. 10 (2.5, 3.7)
	45-54 Yrs n (% , Rate)	55-64 Yrs n (% , Rate)	65-74 Yrs n (% , Rate)	75-84 Yrs n (% , Rate)	85+ Yrs n (% , Rate)
1	Malignant Neoplasms 254 (25.6, 102.8)	Malignant Neoplasms 479 (32.4, 278.6)	Malignant Neoplasms 617 (34.8, 720.7)	Diseases of the Heart 596 (24.0, 1,302.5)	Diseases of the Heart 765 (28.6, 4,270.2)
2	Diseases of the Heart 200 (20.2, 80.9)	Diseases of the Heart 361 (24.4, 209.9)	Diseases of the Heart 384 (21.7, 448.5)	Malignant Neoplasms 574 (23.1, 1,254.4)	Malignant Neoplasms 304 (11.4, 1,696.9)
3	Accidents 94 (9.5, 38.1)	Chr. Lower Resp. Dis. 75 (5.1, 43.6)	Chr. Lower Resp. Dis. 153 (8.6, 178.7)	Chr. Lower Resp. Dis. 205 (8.3, 447.9)	Cerebrovascular Dis. 240 (9.0, 1,339.7)
4	Intentional Self-Harm 53 (5.3, 21.5)	Cerebrovascular Dis. 61 (4.1, 35.5)	Cerebrovascular Dis. 94 (5.3, 109.8)	Cerebrovascular Dis. 182 (7.3, 397.7)	Alzheimer's Disease 170 (6.4, 948.9)
5	Chr. Liver Dis. & Cir. 45 (4.5, 18.2)	Chr. Liver Dis. & Cir. 58 (3.9, 33.8)	Diabetes Mellitus 59 (3.3, 68.9)	Alzheimer's Disease 98 (4.0, 214.2)	Chr. Lower Resp. Dis. 151 (5.6, 842.9)
6	Cerebrovascular Dis. 39 (3.9, 15.8)	Accidents 53 (3.6, 30.8)	Nephritis, etc. 43 (2.4, 20.2)	Diabetes Mellitus 65 (2.6, 142.1)	Influenza & Pneum. 72 (2.7, 401.9)
7	Diabetes Mellitus 37 (3.7, 14.9)	Diabetes Mellitus 47 (3.2, 27.3)	Septicemia 43 (2.4, 50.2)	Nephritis, etc. 53 (2.1, 115.8)	Nephritis, etc. 59 (2.2, 329.3)
8	Chr. Lower Resp. Dis. 28 (2.8, 11.3)	Intentional Self-Harm 33 (2.2, 19.2)	Accidents 29 (1.6, 33.9)	Accidents 49 (2.0, 107.1)	Accidents 54 (2.0, 301.4)
9	HIV 17 (1.7, 6.9)	Nephritis, etc. 32 (2.2, 18.6)	Chr. Liver Dis. & Cir. 29 (1.6, 33.9)	Influenza & Pneum. 46 (1.9, 100.2)	Diabetes Mellitus 51 (1.9, 284.7)
10	Nephritis, etc./Viral Hep. 15 (1.5, 6.1)	Septicemia 26 (1.8, 15.1)	Influenza & Pneum. 27 (1.5, 31.5)	Septicemia 44 (1.8, 96.2)	Hypertension, etc. 49 (1.8, 273.5)

n = number of deaths; Less than five deaths not reported to protect confidentiality

Percent of total deaths attributed to a specific cause

Rate per 100,000 population; Rates are age group specific; Rates based on less than 20 deaths are considered unstable and should be interpreted with caution

[†]Sudden Infant Death Syndrome

Data source: Texas Department of State Health Services

XI. PREVALENCE OF CHRONIC DISEASES (OPTIONAL)

Note: Chronic disease tables are presented from highest to lowest prevalence in Tarrant County

High blood cholesterol among adults aged 18 years and older, Tarrant Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2009)	38.0
Texas Overall (2009)	40.9
Tarrant Overall (2009/2010)	37.7
Gender	
Female	35.8
Male	39.9
Age (in years)	
18-24	-
25-34	22.7
35-44	32.1
45-54	43.6
55-64	60.0
≥65	55.8
Race/Ethnicity	
Hispanic	36.2
Non-Hispanic Black	24.9
Non-Hispanic White	41.1
Other	23.9

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Hypertension among adults aged 18 years and older, Tarrant County, County, Texas, and the United States

Characteristic	Weighted Percentage*
United States Overall (2009)	29.3
Texas Overall (2009)	29.1
Tarrant Overall (2009/2010)	27.4
Gender	
Female	25.2
Male	29.8
Age (in years)	
18-24	13.3
25-34	13.8
35-44	16.7
45-54	35.1
55-64	51.8
≥65	60.8
Race/Ethnicity	
Hispanic	20.3
Non-Hispanic Black	36.8
Non-Hispanic White	28.5
Other	18.5

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Arthritis among adults aged 18 years and older, Tarrant County Texas, and the United States[†]

Characteristic	Weighted Percentage*
United States Overall (2009)	25.9
Texas Overall (2009)	22.5
Tarrant Overall (2009/2010)	19.3
Gender	
Female	23.1
Male	15.4
Age (in years)	
18-24	-
25-34	6.2
35-44	10.3
45-54	26.2
55-64	44.0
≥65	51.6
Race/Ethnicity	
Hispanic	8.2
Non-Hispanic Black	18.3
Non-Hispanic White	22.9
Other	11.1

[†] Diagnosed with some form of arthritis, rheumatoid arthritis, gout, lupus, or fibromyalgia

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

Asthma among adults aged 18 years and older, Tarrant County, Texas, and the United States[†]

Characteristic	Weighted Percentage*
United States Overall (2010)	8.6
Texas Overall (2010)	7.4
Tarrant Overall (2009/2010)	9.2
Gender	
Female	11.9
Male	6.5
Age (in years)	
18-24	8.1
25-34	10.5
35-44	7.3
45-54	10.6
55-64	10.2
≥65	9.1
Race/Ethnicity	
Hispanic	5.4
Non-Hispanic Black	13.0
Non-Hispanic White	9.8
Other	5.9

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

**Diabetes among adults aged
18 years and older, Tarrant County
Texas, and the United States**

Characteristic	Weighted Percentage*
United States Overall (2010)	9.3
Texas Overall (2010)	9.7
Tarrant Overall (2009/2010)	8.5
Gender	
Female	8.9
Male	8.2
Age (in years)	
18-24	-
25-34	2.9
35-44	3.8
45-54	12.8
55-64	20.3
≥65	23.0
Race/Ethnicity	
Hispanic	8.6
Non-Hispanic Black	11.8
Non-Hispanic White	8.0
Other	7.6

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

**Heart disease among adults aged
18 years and older, Tarrant County
Texas, and the United States**

Characteristic	Weighted Percentage*
United States Overall (2010)	6.6
Texas Overall (2010)	6.6
Tarrant Overall (2009/2010)	4.6
Gender	
Female	3.9
Male	5.2
Age (in years)	
18-24	-
25-34	-
35-44	1.4
45-54	5.8
55-64	10.7
≥65	17.6
Race/Ethnicity	
Hispanic	2.8
Non-Hispanic Black	2.9
Non-Hispanic White	5.4
Other	3.9

* Estimates weighted to population characteristics

Data source: Tarrant County Public Health and Texas Department of State Health Services

**XII. PREVALENCE OF COMMUNICABLE DISEASES
(OPTIONAL)**

**Leading communicable diseases overall,
Tarrant County and Texas, 2010[†]**

	Tarrant n (Rate)	Texas n (Rate)
1	Chlamydia 7,945 (435.2)	Chlamydia 118,577 (467.3)
2	Gonorrhea 2,526 (138.4)	Gonorrhea 31,453 (124.0)
3	Salmonellosis 363 (19.9)	Salmonellosis 4,929 (19.4)
4	Pertussis 283 (15.5)	Pertussis 2,848 (11.2)
5	Early Syphilis 259 (14.2)	N/A
6	Shigellosis 250 (13.7)	Shigellosis 2,626 (10.3)
7	Aseptic Meningitis 218 (11.9)	Aseptic Meningitis 1,663 (6.6)
8	HIV 206 (11.3)	HIV 4,242 (16.7)
9	Varicella 202 (11.1)	Varicella 2,760 (10.9)
10	<i>S. pneumoniae</i> , inv 189 (10.4)	<i>S. pneumoniae</i> , inv 1,912 (7.5)

[†]Top ten ranking order for Tarrant County only; Texas cases are provided solely for comparison and are not ranked
n = number of cases; Rate per 100,000 population
HIV data are preliminary, therefore the number of cases may change
Data source: Tarrant County Public Health and the Texas Department of State Health Services

**Leading communicable diseases by
gender, Tarrant County, 2010**

	Male n (Rate)	Female n (Rate)
1	Chlamydia 1,792 (195.0)	Chlamydia 6,153 (678.7)
2	Gonorrhea 1,103 (120.0)	Gonorrhea 1,423 (157.0)
3	Early Syphilis 172 (18.7)	Salmonellosis 190 (21.0)
4	Salmonellosis 172 (18.8)	Pertussis 153 (16.9)
5	HIV 159 (17.3)	Shigellosis 133 (14.7)
6	Pertussis 130 (14.1)	Aseptic Meningitis 121 (13.3)
7	Shigellosis 117 (12.7)	Varicella 112 (12.4)
8	Aseptic Meningitis 97 (10.6)	<i>S. pneumoniae</i> , inv 98 (10.8)
9	<i>S. pneumoniae</i> , inv 91 (9.9)	Early Syphilis 87 (9.6)
10	Varicella 90 (9.8)	Campylobacteriosis 50 (5.5)

n = number of cases; Rate per 100,000 population
HIV data are preliminary, therefore the number of cases may change.
Data source: Tarrant County Public Health

Leading communicable diseases by race/ethnicity, Tarrant County, 2010[†]

	White n (Rate)	Black n (Rate)	Hispanic n (Rate)	Other n (Rate)
1	Chlamydia 2,028 (226.4)	Chlamydia 3,277 (1,336.7)	Chlamydia 2,186 (393.9)	Chlamydia 144 (111.0)
2	Gonorrhea 397 (44.3)	Gonorrhea 1,747(712.6)	Gonorrhea 307 (55.3)	Tuberculosis 30 (23.1)
3	Salmonellosis 200 (22.3)	Early Syphilis 163 (66.5)	Pertussis 98 (17.7)	Gonorrhea 24 (18.5)
4	Pertussis 148 (16.5)	HIV 103 (42.0)	Shigellosis 89 (16.0)	Salmonellosis 23 (17.7)
5	<i>S. pneumoniae</i> , inv 122 (13.6)	Shigellosis 55 (22.4)	Aseptic Meningitis 62 (11.2)	Varicella 11 (8.5)
6	Aseptic Meningitis 109 (12.2)	Aseptic Meningitis 36 (14.7)	Salmonellosis 62 (11.2)	Shigellosis 8 (6.2)
7	Shigellosis 85 (9.5)	Salmonellosis 35 (14.3)	Varicella 62 (11.2)	Early Syphilis 6 (4.6)
8	Varicella 83 (9.3)	<i>S. pneumoniae</i> , inv 33 (13.5)	Early Syphilis 51 (9.2)	Hep. B, acute 6 (4.6)
9	Group B Strep 61 (6.8)	Pertussis 26 (10.6)	Tuberculosis 41 (7.4)	---
10	HIV 55 (6.1)	Varicella 25 (10.2)	HIV 40 (7.2)	---

n = number of cases; Rate per 100,000 population

Rates based on less than 20 cases are considered unstable and should be interpreted with caution

Less than five cases not reported

[†]Rankings for race/ethnicity should be interpreted with caution due to missing data; Race/ethnicity data are missing for 39% of acute Hepatitis B cases, 15% of Cryptosporidiosis cases, 12% of Salmonellosis cases, and 10% of Varicella cases.

HIV data are preliminary, therefore the number of cases may change

Data source: Tarrant County Public Health

Leading communicable diseases by age group, Tarrant County, 2010

	0 - 4 Yrs n (Rate)	5 - 9 Yrs n (Rate)	10 - 14 Yrs n (Rate)	15 - 19 Yrs n (Rate)	20 - 24 Yrs n (Rate)
1	Salmonellosis 144 (99.2)	Varicella 79 (58.5)	Chlamydia 107 (86.1)	Chlamydia 2,811 (2,161.6)	Chlamydia 2,853 (2,175.9)
2	Pertussis 101 (69.6)	Shigellosis 77 (57.0)	Pertussis 54 (43.4)	Gonorrhea 894 (687.5)	Gonorrhea 863 (658.2)
3	Shigellosis 92 (63.4)	Pertussis 66 (48.9)	Varicella 53 (42.6)	Early Syphilis 20 (15.4)	Early Syphilis 88 (67.1)
4	Aseptic Meningitis 60 (41.3)	Salmonellosis 30 (22.2)	Gonorrhea 33 (26.6)	Aseptic Meningitis 16 (12.3)	HIV 42 (32.0)
5	Varicella 47 (32.4)	Aseptic Meningitis 18 (13.3)	Salmonellosis 20 (16.1)	HIV 12 (9.2)	Aseptic Meningitis 15 (11.4)
6	<i>E. coli</i> STEC 22 (15.2)	<i>E. coli</i> STEC 9 (6.7)	Shigellosis 17 (13.7)	Salmonellosis 12 (9.2)	Salmonellosis 15 (11.4)
7	Campylobacteriosis 21 (14.5)	Campylobacteriosis 7 (5.2)	Aseptic Meningitis 12 (9.7)	Pertussis 10 (7.7)	Campylobacteriosis 7 (5.3)
8	<i>S. pneumoniae</i> , inv 19 (13.1)	Cryptosporidiosis 6 (4.4)	Campylobacteriosis 6 (4.8)	Campylobacteriosis 9 (6.9)	Tuberculosis 7 (5.3)
9	Group B Strep 18 (12.4)	---	---	Varicella 8 (6.2)	Cryptosporidiosis 5 (3.8)
10	Group A Strep 8 (5.5)	---	---	Shigellosis 5 (3.8)	<i>E. coli</i> STEC/ Pertussis/ Varicella 5 (3.8)
	25 - 34 Yrs n (Rate)	35 - 44 Yrs n (Rate)	45 - 54 Yrs n (Rate)	55 - 64 Yrs n (Rate)	65 + Yrs n (Rate)
1	Chlamydia 1,726 (580.7)	Chlamydia 355 (122.7)	Chlamydia 70 (28.1)	<i>S. pneumoniae</i> , inv 41 (23.2)	<i>S. pneumoniae</i> , inv 68 (46.4)
2	Gonorrhea 550 (185.0)	Gonorrhea 113 (39.0)	Gonorrhea 60 (24.0)	Salmonellosis 25 (14.1)	Salmonellosis 32 (21.8)
3	Early Syphilis 75 (25.2)	HIV 47 (16.2)	Hep. B, acute 26 (10.4)	Group B Strep 19 (10.7)	Group B Strep 27 (18.4)
4	HIV 59 (19.8)	Early Syphilis 45 (15.5)	HIV 26 (10.4)	Tuberculosis 17 (9.6)	Pertussis 14 (9.6)
5	Aseptic Meningitis 35 (11.8)	Salmonellosis 33 (11.4)	Tuberculosis 26 (10.4)	Chlamydia 16 (9.0)	Tuberculosis 14 (9.6)
6	Shigellosis 32 (10.8)	Tuberculosis 25 (8.6)	Salmonellosis 25 (10.0)	HIV 16 (9.0)	Cryptosporidiosis 13 (8.9)
7	Salmonellosis 27 (9.1)	Aseptic Meningitis 19 (6.6)	<i>S. pneumoniae</i> , inv 23 (9.2)	Aseptic Meningitis 10 (5.6)	Aseptic Meningitis 12 (8.2)
8	Tuberculosis 19 (6.4)	AIDS 16 (5.5)	Aseptic Meningitis 21 (8.4)	Hep. B, acute 10 (5.6)	Campylobacteriosis 10 (6.8)
9	Campylobacteriosis 18 (6.1)	Hep. B, acute 13 (4.5)	Early Syphilis 20 (8.0)	Campylobacteriosis 9 (5.1)	Hep. B, acute 9 (6.1)
10	<i>S. pneumoniae</i> , inv 16 (5.4)	Pertussis/Shigellosis/ <i>S. pneumoniae</i> , inv. 11 (3.8)	Campylobacteriosis 13 (5.2)	Gonorrhea 9 (5.1)	Group A Strep 6 (4.1)

n = number of cases; Rate per 100,000 population

Rates based on less than 20 cases are considered unstable and should be interpreted with caution

Less than five cases not reported

E. coli STEC = Shiga Toxin-producing *Escherichia coli*

HIV data are preliminary, therefore the number of cases may change

Data source: Tarrant County Public Health

**XIII. ENVIRONMENTAL PROFILE
(OPTIONAL)**

Historic activity for the 8-Hour Ozone Standard, Tarrant County, 2000-2010

Air Quality Monitoring Site	2000-2002	2001-2003	2002-2004	2003-2005	2004-2006	2005-2007	2006-2008	2007-2009	2008-2010
Arlington Munciple Airport	-	89	87	87	87	84	79	77	79
Eagle Mountain Lake	95	97	94	95	96	95	89	86	85
Fort Worth Northwest	96	97	94	95	95	92	83	79	78
Grapevine Fairway	95	100	99	94	94	93	87	84	82
Keller	98	100	98	96	95	92	87	86	86

[†] Shaded squares indicate violation of 1997 8-hour ozone standard. (Attainment is reached when the four-highest ozone concentration is less than 85 ppb when averaged over a consecutive 3- year period)

Data source: North Central Texas Council of Governments

Data not available for:

- Air pollutants
- Water contaminants
- Food contaminants
- Land pollution
- Other environmental hazards