M.A.P. II

Monitoring and Assessment Project 2002 - 2004 Executive Summary





Tarrant County MAP II: Monitoring and Assessment Project 2002-2004 Executive Summary



Tarrant County Public Health

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Introduction

The Monitoring & Assessment Project (M.A.P.) is a Tarrant County Public Health (TCPH) initiative designed to use secondary data from various sources to produce a comprehensive community health status report. The purpose of M.A.P. is to establish a community health profile for accurate, periodic assessment of our community's progress towards health-related objectives. Monitoring the community's health status through M.A.P. reflects TCPH's mission of safeguarding our community's health by promoting community health, preventing disease and injury, and assuring a healthy and safe environment. This report provides detailed health information from the second M.A.P. project conducted by TCPH, expanding on the indicators from M.A.P. I. M.A.P. I indicators were based on the Texas Strategic Health Status Indicators (TSHSI) project of the Texas Department of State Health Services. These indicators were adapted for Tarrant County and geocoded on a sub-county level using Geographic Information System (GIS) technology. The selected indicators presented for Tarrant County are compared to Texas, the United States, and where applicable, the Healthy People 2010 objectives.

This report includes indicators classified into the following nine domains:

Domain I. Demographics and Socioeconomics

- population distribution, poverty, income, unemployment, disadvantaged students, educational attainment, language proficiency, single-parent households, all cause mortality

Domain II. Quality of Life

- years of potential life lost

> Domain III. Health Resources

 health professional shortage areas and medically underserved areas,
 Medicaid participating health care professionals, local health services in Tarrant County

Domain IV. Maternal and Child Health

- infant mortality, child mortality, prenatal care, low birth weight infants, teen pregnancy

Domain V. Chronic Diseases

 heart disease mortality, cancer mortality, cerebrovascular diseases mortality, chronic lower respiratory diseases mortality, hypertension morbidity, heart disease morbidity, diabetes morbidity, obesity morbidity

> Domain VI. Infectious Diseases

 early syphilis, gonorrhea, chlamydia, acute hepatitis B, chronic hepatitis C, HIV, tuberculosis

> Domain VII. Environmental Health

- enteric diseases, hepatitis A, lead poisoning in children, air quality, water quality

Domain VIII. Social and Mental Health

- suicide, mental health, substance abuse, child abuse and neglect, crime arrests, divorce, homelessness

Domain IX. Injuries

- intentional injuries, unintentional injuries

Key findings from M.A.P. II include the following for 2002-2004.

- ❖ The increase in Tarrant County's population from 2002-2003 and 2003-2004 was greater than the increase in the population for Texas and the United States. Overall, the socioeconomic profile of Tarrant County was better than Texas. The poverty status in Tarrant County was lower than the United States and Texas; whereas, the per capita income in Tarrant County was higher than Texas. The percent of unemployment in Tarrant County was higher than the United States, but lower than Texas. Educational attainment was similar to the United States, but higher than Texas.
- ❖ In 2004, Tarrant County met 26 percent of corresponding Healthy People 2010 objectives. Healthy People 2010 objectives were met for the following health indicators: acute hepatitis B, hepatitis C, hepatitis A, campylobacteriosis, E. *coli* 0157:H7, air quality, and child abuse and neglect.
- ❖ Overall improvement was demonstrated in 45 percent of the health indicators from 2002-2004. The improved health indicators included overall poverty status, per capita income, unemployment, educational attainment, rate of all cause mortality, years of potential life lost, rate of teen pregnancy, rate of heart disease mortality, rate of cerebrovascular diseases mortality, rate of early syphilis, rate of acute hepatitis B, rate of chronic hepatitis C, rate of hepatitis A, rate of E. *coli* 0157:H7, rate of salmonellosis, rate of direct alcohol related deaths, number of crime arrests among youth, and rate of unintentional injuries.
- ❖ A decline in the health status was observed for 33 percent of the indicators from 2002-2004. These indicators included percent of disadvantaged students, rate of infant mortality, percent of prenatal care in the first trimester, rate of gonorrhea, rate of chlamydia, rate of HIV, rate of campylobacteriosis, rate of shigellosis, rate of suicide, rate of child abuse and neglect, number of crime arrests among adults, rate of homicides, and number of homeless persons.

Both M.A.P. I and M.A.P. II provide detailed information about the health status of Tarrant County while providing a repeated measure of changes over time. These data highlight areas for improvement and identify areas for targeted interventions.

These data should be interpreted cautiously. Limitations to the information provided in this report are 1) data were collected from different organizations/programs using different methods; 2) data may have been collected for other purposes; 3) criteria for data collection may have changed over time; and 4) some of the data (e.g., heart disease morbidity, diabetes morbidity) are self-reported data. All data for each indicator, however, were collected by the same means for this report.

Table 1. Comparison of Tarrant County Health Indicators with Texas, the United States, and the Healthy People 2010 Objectives, 2004

				Healthy
	Tarrant			People
Demographics and Socioeconomics	County	Texas	U.S.	2010
2003-2004 Population Change	2.0%	1.7%	1.0%	NA
Percent at or Below Poverty Level	11.2%	16.6%	13.1%	NA
Per Capita Income	\$23,699	\$21,691	\$24,020	NA
Unemployment	5.6%	6.0%	5.5%	NA
Disadvantaged Students	44.3%	54.5%	40.1%	NA
Educational Attainment: % Completed High School	84.0%	78.7%	83.9%	90.0%
Limited English Proficiency	6.9%	8.4%	4.6%	NA
Linguistic Isolation	5.9%	8.5%	4.8%	NA
Single-Parent Households	17.0%	18.5%	17.8%	NA
All Cause Mortality Rate (per 100,000 population)	843.4	825.3	8.008	NA
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				Healthy
	Tarrant			People
Quality of Life	County	Texas	U.S.	2010
Years of Potential Life Lost (per 1,000 population)	67.3	69.3	NA	NA

				Healthy
	Tarrant			People
	_			-
Health Resources	County	Texas	U.S.	2010

				Healthy
	Tarrant			People
Maternal and Child Health	County	Texas	U.S.	2010
Infant Mortality* (per 1,000 live births)	7.5	6.6	6.9	4.5
Child Mortality Ages 1-14 (per 100,000 children)	22.0	23.0	20.0	NA
Child Mortality Ages 1-4 (per 100,000 children)	33.8	33.2	30.0	18.6
Child Mortality Ages 5-9 (per 100,000 children)	14.3	NA	NA	12.3
Prenatal Care in First Trimester*	79.3%	81.3%	84.0%	90.0%
Low Birth Weight Infants*	7.8%	7.9%	7.9%	5.0%
Teen Pregnancy Rate* (per 1,000 females ages 13-19)	52.5	61.8	41.7	NA

				Healthy
	Tarrant			People
Chronic Diseases	County	Texas	U.S.	2010
Heart Disease Mortality (per 100,000 population)	231.2	223.5	217.0	208.0
All Cancer Mortality (per 100,000 population)	193.1	181.3	185.8	159.9
Cerebrovascular Diseases Mortality (per 100,000 population)	64.1	55.9	50.0	48.0
Chronic Lower Respiratory Diseases Mortality (per 100,000 population)	51.5	41.6	41.1	NA
Hypertension Morbidity**	23.1%	24.6%	24.8%	16.0%
Heart Disease Morbidity	5.5%	7.6%	NA	NA
Diabetes Mellitus Morbidity	5.9%	7.7%	7.1%	NA
Obesity Morbidity	26.2%	25.8%	23.5%	15.0%

NA – Not Available * 2003 data presented, 2004 data not available; ** 2003 data presented for TX and US

Table 1. Comparison of Tarrant County Health Indicators with Texas, the United States, and the Healthy People 2010 Objectives, 2004 – Continued

	Tarrant			Healthy People
Infectious Diseases	County	Texas	U.S.	2010
Primary and Secondary Syphilis (per 100,000 population)	4.3	3.7	2.7	0.2
Gonorrhea (per 100,000 population)	138.3	110.2	113.5	19.0
Chlamydia (per 100,000 population)	287.5	316.8	319.6	NA
Acute Hepatitis B (per 100,000 population)	1.8	3.1	2.1	NA
Acute Hepatitis B Ages 40 and Older (per 100,000 population) ✓	2.5	NA	NA	3.8
Acute Hepatitis C (per 100,000 population) ✓	0.8	0.5	0.3	1.0
HIV (per 100,000 population)	14.8	14.6	12.0	NA
AIDS Ages 13 and Older (per 100,000 population)	2.6	NA	NA	1.0
Tuberculosis (per 100,000 population)	6.9	7.6	4.9	1.0

				Healthy
	Tarrant			People
Environmental Health	County	Texas	U.S.	2010
Campylobacteriosis (per 100,000 population) ✓	4.3	5.6	NA	12.3
E. coli 0157:H7 (per 100,000 population) ✓	0.3	0.2	0.9	1.0
Salmonellosis (per 100,000 population)	8.8	11.8	14.5	6.8
Shigellosis (per 100,000 population)	12.5	14.8	5.0	NA
Hepatitis A (per 100,000 population) ✓	2.5	2.8	1.9	4.5
Lead Poisoning in Children Ages 1-14 (per 1,000 population)	0.7	1.0	NA	NA
Lead Poisoning in Children Ages 4-6	0.1%	NA	NA	0.0%

				Healthy
	Tarrant			People
Social and Mental Health	County	Texas	U.S.	2010
Suicide (per 100,000 population)	10.0	10.5	10.9	5.0
Alcohol Related Motor Vehicle Deaths (per 100,000 population)	4.3	7.6	5.7	4.0
Child Abuse and Neglect (per 1,000 population) ✓	7.0	8.2	11.9	10.3
Crime Arrests (per 1,000 population)	70.2	50.1	47.5	NA
Divorce (per 1,000 population)	4.6	3.6	3.7	NA

	Tarrant			Healthy People
Injuries	County	Texas	U.S.	2010
Intentional Injury Deaths: Homicide (per 100,000 population)	5.3	5.9	6.1	3.0
Unintentional Injury Deaths (per 100,000 population)	30.2	39.1	37.7	17.5

NA – Not Available

 \checkmark Tarrant County Health Indicator met the Healthy People 2010 Objective

Table 2. Tarrant County Health Indicators, 2004			
Demographics and Socioeconomics	Overall 2004		
2003-2004 Population Change	2.0%		
Percent at or Below Poverty Level	11.2%		
Unemployment	5.6%		
Per Capita Income	\$23,699		
Educational Attainment: % Completed High School	44.3%		
Limited English Proficiency	6.9%		
Linguistic Isolation	5.9%		
Single-Parent Households	17.0%		
All Cause Mortality Rate (per 100,000 population)	843.4		
Quality of Life	Overall 2004		
Years of Potential Life Lost (per 1,000 population)	67.3		
Health Resources	Overall 2004		
Population to Primary Care Physician Ratio	1,379.2		
Medicaid Eligible by Primary Care Physician Accepting Medicaid Ratio	161		
Maternal and Child Health	Overall 2004		
Infant Mortality* (per 1,000 live births)	7.5		
Child Mortality Ages 1-14 (per 100,000 children)	22.0		
Prenatal Care in First Trimester*	79.3%		
Low Birth Weight Infants*	7.8%		
Teen Pregnancy Rate* (per 1,000 females ages 13-19)	52.5		
Chronic Diseases	Overall 2004		
Heart Disease Mortality (per 100,000 population)	231.2		
All Cancer Mortality (per 100,000 population)	231.2 193.1		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population)	193.1 64.1		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population)	193.1 64.1 51.5		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity	193.1 64.1 51.5 23.1%		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity	193.1 64.1 51.5 23.1% 5.5%		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity Diabetes Mellitus Morbidity	193.1 64.1 51.5 23.1% 5.5% 5.9%		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity	193.1 64.1 51.5 23.1% 5.5%		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity Diabetes Mellitus Morbidity	193.1 64.1 51.5 23.1% 5.5% 5.9%		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity Diabetes Mellitus Morbidity Obesity Morbidity Infectious Diseases Early Syphilis (per 100,000 population)	193.1 64.1 51.5 23.1% 5.5% 5.9% 26.2% Overall 2004 7.2		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity Diabetes Mellitus Morbidity Obesity Morbidity Infectious Diseases Early Syphilis (per 100,000 population) Gonorrhea (per 100,000 population)	193.1 64.1 51.5 23.1% 5.5% 5.9% 26.2% Overall 2004 7.2 138.3		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity Diabetes Mellitus Morbidity Obesity Morbidity Infectious Diseases Early Syphilis (per 100,000 population) Gonorrhea (per 100,000 population) Chlamydia (per 100,000 population)	193.1 64.1 51.5 23.1% 5.5% 5.9% 26.2% Overall 2004 7.2 138.3 287.5		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity Diabetes Mellitus Morbidity Obesity Morbidity Infectious Diseases Early Syphilis (per 100,000 population) Gonorrhea (per 100,000 population) Chlamydia (per 100,000 population) Acute Hepatitis B (per 100,000 population)	193.1 64.1 51.5 23.1% 5.5% 5.9% 26.2% Overall 2004 7.2 138.3 287.5 1.8		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity Diabetes Mellitus Morbidity Obesity Morbidity Infectious Diseases Early Syphilis (per 100,000 population) Gonorrhea (per 100,000 population) Chlamydia (per 100,000 population) Acute Hepatitis B (per 100,000 population) Chronic Hepatitis C (per 100,000 population)	193.1 64.1 51.5 23.1% 5.5% 5.9% 26.2% Overall 2004 7.2 138.3 287.5 1.8 66.8		
All Cancer Mortality (per 100,000 population) Cerebrovascular Diseases Mortality (per 100,000 population) Chronic Lower Respiratory Diseases Mortality (per 100,000 population) Hypertension Morbidity Heart Disease Morbidity Diabetes Mellitus Morbidity Obesity Morbidity Infectious Diseases Early Syphilis (per 100,000 population) Gonorrhea (per 100,000 population) Chlamydia (per 100,000 population) Acute Hepatitis B (per 100,000 population)	193.1 64.1 51.5 23.1% 5.5% 5.9% 26.2% Overall 2004 7.2 138.3 287.5 1.8		

^{* 2003} data presented, 2004 data not available

Table 2. Tarrant County Health Indicators, 2004 - Continued

Environmental Health	Overall 2004
Campylobacteriosis (per 100,000 population)	4.3
E. coli 0157:H7 (per 100,000 population)	0.3
Salmonellosis (per 100,000 population)	8.8
Shigellosis (per 100,000 population)	12.5
Hepatitis A (per 100,000 population)	2.5
Lead Poisoning in Children Ages 1-14 (per 1,000 population)	0.7
Social and Mental Health	Overall 2004
Suicide (per 100,000 population)	10.0
Direct Alcohol Related Deaths (per 100,000 population)	5.3
Direct Drug Related Deaths (per 100,000 population)	9.2
Child Abuse and Neglect (per 1,000 population)	7.0
Crime Arrests (per 1,000 population)	70.2
Divorce (per 1,000 population)	4.6
Injuries	Overall 2004
Intentional Injury Deaths: Homicide (per 100,000 population)	5.3
Unintentional Injury Deaths (per 100,000 population)	30.2

^{* 2003} data presented, 2004 data not available

Table 3. Tarrant County Health Indicators by Gender, 2004						
Demographics and Socioeconomics	Male	Female				
2003-2004 Population Change	2.1%	1.9%				
Per Capita Income	\$32,280	\$21,907				
Educational Attainment: % Completed High School	84.4%	83.9%				
All Cause Mortality Rate (per 100,000 population)	972.4	739.4				

Quality of Life	Male	Female
Years of Potential Life Lost (per 1,000 population)	82.9	51.6

Maternal and Child Health	Male	Female
Child Mortality Ages 1-14 (per 100,000 children)	25.1	18.9

Chronic Diseases	Male	Female
Heart Disease Mortality (per 100,000 population)	271.0	198.8
All Cancer Mortality (per 100,000 population)	239.4	160.2
Cerebrovascular Diseases Mortality (per 100,000 population)	63.0	64.0
Chronic Lower Respiratory Diseases Mortality (per 100,000 population)	59.4	46.6
Hypertension Morbidity	23.1%	23.0%
Heart Disease Morbidity	5.8%	5.3%
Diabetes Mellitus Morbidity	6.2%	5.6%
Obesity Morbidity	26.9%	25.5%

Infectious Diseases	Male	Female
Early Syphilis (per 100,000 population)	10.3	4.2
Gonorrhea (per 100,000 population)	133.8	142.8
Chlamydia (per 100,000 population)	102.1	470.4
Acute Hepatitis B (per 100,000 populaiton)	1.9	1.6
Chronic Hepatitis C (per 100,000 population)	74.4	56.2
HIV (per 100,000 population)	21.4	8.4
Tuberculosis (per 100,000 population)	7.6	6.1

Environmental Health	Male	Female
Campylobacteriosis (per 100,000 population)	5.0	4.0
Salmonellosis (per 100,000 population)	8.5	8.4
Shigellosis (per 100,000 population)	10.6	13.9
Hepatitis A (per 100,000 population)	1.9	2.9
Lead Poisoning in Children Ages 1-14 (per 1,000 population)	0.8	0.6

Social and Mental Health	Male	Female
Suicide (per 100,000 population)	16.1	4.6
Direct Alcohol Related Deaths (per 100,000 population)	8.7	2.0
Direct Drug Related Deaths (per 100,000 population)	12.0	6.5
Child Abuse and Neglect (per 1,000 population)	6.4	7.5

Injuries	Male	Female
Intentional Injury Deaths: Homicide (per 100,000 population)	7.7	2.9
Unintentional Injury Deaths (per 100,000 population)	39.8	20.5

Table 4. Tarrant County Health Indicators by Race/Ethnicity, 2004

Demographics and Socioeconomics White Black Hispanic Other

Demographics and Socioeconomics	White	Black	Hispanic	Other
2003-2004 Population Change	-0.2%	2.6%	6.4%	6.5%
Percent at or Below Poverty Level§	10.5%	16.8%	18.3%	8.4
Per Capita Income§	\$26,435	\$16,861	\$12,937	\$29,526
Educational Attainment: % Completed High School§	86.0%	85.8%	54.1%	56.5%
All Cause Mortality Rate (per 100,000 population)	850.1	1,081.3	629.8	385.1
Quality of Life	White	Black	Hispanic	Other
Years of Potential Life Lost (per 1,000 population)	69.4	109.3	47.2	30.7
Maternal and Child Health	White	Black	Hispanic	Other
Infant Mortality* (per 1,000 live births)	7.0	16.1	5.5	3.6
Child Mortality Ages 1-14 (per 100,000 children)	16.3	48.1	19.5	@
Prenatal Care in First Trimester*	87.9%	79.2%	68.4%	82.3%
Low Birth Weight Infants*	6.9%	14.0%	6.4%	8.1%
Teen Pregnancy Rate* (per 1,000 females ages 13-19)	33.4	66.3	87.4	22.0
Chronic Diseases	White	Black	Hispanic	Other
Heart Disease Mortality (per 100,000 population)	234.8	296.6	153.9	99.8
All Cancer Mortality (per 100,000 population)	193.5	255.1	169.5	103.9
Cerebrovascular Diseases Mortality (per 100,000 population)	62.2	91.7	51.8	27.3
Chronic Lower Respiratory Diseases Mortality (per 100,000 population)	57.5	36.6	20.0	NA
Hypertension Morbidity	25.8%	32.2%	12.5%	14.6%
Heart Disease Morbidity	6.5%	6.6%	1.4%	9.1%
Diabetes Mellitus Morbidity	5.8%	9.2%	5.2%	1.5%
Obesity Morbidity	23.5%	42.6%	27.7%	15.8%
Infectious Diseases	White	Black	Hispanic	Other
Early Syphilis (per 100,000 population)	4.1	30.5	2.4	@
Gonorrhea (per 100,000 population)	31.9	724.4	66.2	14.1
Chlamydia (per 100,000 population)	112.5	914.2	341.8	85.6
HIV (per 100,000 population)	10.1	47.0	9.6	8.2
Tuberculosis (per 100,000 population)	1.7	15.5	10.7	23.4
* 2003 data presented, 2004 data not available				

^{* 2003} data presented, 2004 data not available

[§] Race and ethnicity are not mutually exclusive, Asian race is not included in Other

[@] Numerator too small for rate calculation

Table 4. Tarrant County Health Indicators by Race/Ethnicity, 2004 - Continued

Environmental Health White Black Hispanic Other

Elivirolillental nealth	wille	DIACK	пізрапіс	Other
Campylobacteriosis (per 100,000 population)	2.9	2.8	7.2	5.9
Salmonellosis (per 100,000 population)	7.0	4.2	7.5	8.2
Shigellosis (per 100,000 population)	8.3	13.6	16.6	9.4
Hepatitis A (per 100,000 population)	2.0	@	2.7	@
Lead Poisoning in Children Ages 1-14 (per 1,000 population)	0.1	0.4	1.3	@
Social and Mental Health	White	Black	Hispanic	Other
Social and Mental Health Suicide (per 100,000 population)	White 14.2	Black 4.0	Hispanic 3.8	Other @
Suicide (per 100,000 population)	14.2	4.0	3.8	@

Injuries	White	Black	Hispanic	Other
Intentional Injury Deaths: Homicide (per 100,000 population)	3.3	13.6	4.5	@
Unintentional Injury Deaths (per 100,000 population)	30.6	34.9	30.4	18.6

^{* 2003} data presented, 2004 data not available

[§] Race and ethnicity are not mutually exclusive, Asian race is not included in Other

[@] Numerator too small for rate calculation

Community Partners

Alcon Laboratories, Inc. **Baylor Medical Center** Catholic Charities City of Arlington City of Fort Worth Public Health Department Healthy Tarrant County Collaboration JPS Health Network Medical Center of Arlington Mental Health Association of Tarrant County North Central Texas Council of Governments Parkland Hospital System Tarrant County Challenge, Inc. Tarrant County Community Development Tarrant County Hospital Council **Tarrant County Medical Society** Tarrant County Youth Collaboration Texas Department of Health and Human Services United Way of Metropolitan Tarrant County University of North Texas Health Science Center

M.A.P. Data Sources

Centers for Disease Control and Prevention

Dallas Fort Worth Hospital Council

Mental Health Mental Retardation of Tarrant County

Tarrant County Behavioral Risk Factor Surveillance System

Tarrant County Challenge, Inc.

Tarrant County Homeless Survey 2004

Tarrant County Medical Examiner's Office

Tarrant County Public Health

Tarrant County Sheriff's Office

Texas Commission on Alcohol and Drug Abuse

Texas Commission on Environmental Quality

Texas Department of Protective and Regulatory Services

Texas Department of Public Safety

Texas Department of State Health Services

Texas Education Agency

Texas Medicaid and Healthcare Partnership

Texas State Data Center and Office of the State Demographer

United States Census 2000

United States Department of Health and Human Services



Tarrant County Public Health

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