

Texas Cardiovascular Health & Wellness Program Texas Department of State Health Services



Cardiovascular Health Facts 2001-2007 City of Tyler (Smith County)

Demography of Smith County in 2007 (Estimated Texas Population)

	Demographics				
Age	Total	Males	Females	Percent	
0-17	49,896	25,442	24,454	25.8	
18-29	34,232	17,270	16,962	17.7	
30-34	35,526	17,260	18,266	18.4	
35-64	46,295	22,056	24,239	24.0	
65+	27,268	11,551	15,717	14.1	
Total	193,217	93,579	99,638	100.0	

White	62.7%
African American	18.7%
Hispanic	17.0%
Other	1.7%

Prevalence, Adults (≥18), 2007

Risk Factor Prevalence, Adults, 2007

	Smith County		Texas	
	Smith County	Texas	Smith County	Texas
CVD¹	15.2%	8.3%	Overweight & Obesity (BMI 25 or Greater) 55.8% 65.7% Obesity (BMI 30 or Greater) 18.2% 28.6% No Leisure Time Physical Activity 20.4% 28.3% Current Smoker 24.4% 19.3% Intake of Fruit & Vegetables is < 5 times a day 85.3% 74.8%	
Heart Disease²	10.6%	6.7%		
Stroke	11.0%	2.8%		
High Blood Pressure	28.1%	27.8%		
High Cholesterol	40.9%	38.5%		
Diabetes	7.2%	10.4%		

CVD and Stroke Age-Adjusted Mortality Rates³ (per 100,000) 2001-2005

	CVD		Heart Disease		Stroke	
	Smith County	Texas	Smith County	Texas	Smith County	Texas
Total	318.1	317.5	244.0	237.6	52.4	58.8
Male	366.6	356.0	290.8	279.2	51.9	55.1
Female	278.2	284.0	206.4	203.1	52.4	60.6
White	309.5	319.2	237.9	241.0	50.7	57.7
African American	405.7	451.1	309.6	327.6	66.4	87.8
Hispanic	155.8	259.8	128.1	194.6	26.3	48.1

Hospital Discharge Data⁴

Texas EMS/Trauma Registry Data⁵ 2007 for Health Service Region (HSR) 4

	Smith County, 2007 Total Charges	Time (Min) for CVD		Time (Min) for Stroke	
		HSR 4	Texas	HSR 4	Texas
Ischemic Heart Disease	\$77,895,446	Response Time = (Time Call Received - Time EMS Arrived on Scene)			
		9.7	8.3	10.0	9.1
Hemorrhagic Stroke	\$5,240,318	Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene)			
		16.4	18.5	16.8	18.1
Ischemic Stroke	\$19,164,046	Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination)			
		13.3	14.5	13.4	14.3
Congestive Heart Failure	\$24,720,752	Delivery Time = (Time Call Received - Time EMS Arrived at Destination)			
		38.9	39.7	40.3	40.2

¹ 2007 Texas Behavioral Risk Factor Surveillance System, Statewide BRFSS Survey, for Respondents 18 years and older who report that they have been diagnosed as having had a Heart Attack, Myocardial Infarction, Angina, Coronary Heart Disease, or Stroke.

² Respondents 18 years and older who report that they have been diagnosed as having had a Heart Attack or Myocardial Infarction.

³ 2001-2005 Texas Department of State Health Services Vital Statistics. Mortality due to CVD (ICD-10 Code I00-I99); Heart Disease (ICD-10 Code I00-I09, I11, I13, I20-I51); Stroke (ICD-10 Code I60-I69).

⁴ 2007 Texas Health Care Information Collection, Inpatient Hospital Discharge Public Use File, for persons all ages. Ischemic heart disease (ICD-9 Code 410-414); Hemorrhagic Stroke (ICD-9 Code 430-432); Ischemic Stroke (ICD-9 Code 436-438, 433, 434); Congestive Heart Failure (ICD-9 Code 428).

⁵ Texas EMS/Trauma Registry Data Selected in 2007. the selection criteria as:

- Calls received during 2007
- Suspected Illness Types include Cardiac Arrest, Cardiac Rhythm Disturbance, and Chest Pain/Discomfort
- Medical-related calls only (i.e. calls exclusively related to trauma were excluded)
- 911 calls only (no inter-facility transfers) Texas residents only

The ' ' indicates that the sample size was not a statistically valid sample size (< 50 respondents).