

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



## Cardiovascular Health Facts 2001-2007 Lubbock Metropolitan Statistical Area (MSA)

### Demography of Lubbock MSA in 2007 (Estimated Texas Population)

	Demographics				
	Age	Total	Males	Females	Percent
	0-17	65,524	33,486	32,038	24.8
	18-29	65,650	33,515	32,135	24.9
	30-34	49,466	25,180	24,286	18.8
	35-64	54,395	26,038	28,357	20.6
	65+	28,722	11,841	16,881	10.9
	<b>Total</b>	<b>263,757</b>	<b>130,060</b>	<b>133,697</b>	<b>100.0</b>

Prevalence Rates, Adults (≥18), 2007			Risk Factor Prevalence, Adults, 2007		
	Lubbock MSA	Texas		Lubbock MSA	Texas
<b>CVD<sup>1</sup></b>	7.6%	8.3%	<b>Overweight &amp; Obesity (BMI 25 or Greater)</b>	71.7%	65.7%
<b>Heart Disease<sup>2</sup></b>	6.6%	6.7%	<b>Obesity (BMI 30 or Greater)</b>	38.7%	28.6%
<b>Stroke</b>	1.0%	2.8%	<b>No Leisure Time Physical Activity</b>	23.3%	28.3%
<b>High Blood Pressure</b>	33.3%	27.8%	<b>Current Smoker</b>	18.8%	19.3%
<b>High Cholesterol</b>	30.2%	38.5%	<b>Intake of Fruit &amp; Vegetables is &lt; 5 times a day</b>	77.6%	74.8%
<b>Diabetes</b>	11.6%	10.4%			

### CVD and Stroke Age-Adjusted Mortality Rates<sup>3</sup> (per 100,000) 2001-2005

	CVD		Heart Disease		Stroke	
	Lubbock MSA	Texas	Lubbock MSA	Texas	Lubbock MSA	Texas
<b>Total</b>	313.3	317.5	236.2	237.6	54.5	58.8
<b>Male</b>	359.7	356.0	282.9	279.2	52.7	55.1
<b>Female</b>	276.6	284.0	200.3	203.1	55.2	60.6
<b>White</b>	309.8	319.2	235.7	241.0	53.4	57.7
<b>African American</b>	459.9	451.1	329.9	327.6	80.1	87.8
<b>Hispanic</b>	269.1	259.8	196.3	194.6	53.0	48.1

Hospital Discharge Data <sup>4</sup>	Texas EMS/Trauma Registry Data <sup>5</sup> 2007 for Lubbock MSA				
Lubbock MSA, 2007 Total Charges	Time (Min) for CVD		Time (Min) for Stroke		
	Lubbock MSA	Texas	Lubbock MSA	Texas	
<b>Ischemic Heart Disease</b>	\$65,995,843	<b>Response Time = (Time Call Received - Time EMS Arrived on Scene)</b> 6.1      8.3      7.9      9.1			
<b>Hemorrhagic Stroke</b>	\$5,006,246	<b>Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene)</b> 14.8      18.5      13.4      18.1			
<b>Ischemic Stroke</b>	\$14,807,810	<b>Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination)</b> 11.6      14.5      12.7      14.3			
<b>Congestive Heart Failure</b>	\$32,858,636	<b>Delivery Time = (Time Call Received - Time EMS Arrived at Destination)</b> 31.2      39.7      31.5      40.2			

<sup>1</sup> 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.

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

<sup>3</sup> 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).

<sup>4</sup> 2007 Texas Health Care Information Council, 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).

<sup>5</sup> 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).