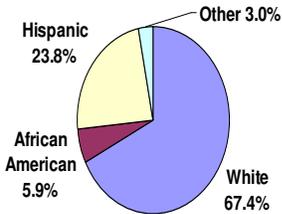


**Texas Cardiovascular Health & Wellness Program
Texas Department of State Health Services**



**Cardiovascular Health Facts 2001-2007
Amarillo Metropolitan Statistical Area (MSA)**

Demography of Amarillo MSA in 2007 (Estimated Texas Population)



Demographics					
Age	Total	Males	Females	Percent	
0-17	62,308	31,880	30,428	25.5	
18-29	44,773	23,128	21,645	18.4	
30-34	50,100	25,750	24,350	20.5	
35-64	58,000	28,734	29,266	23.8	
65+	28,687	12,145	16,542	11.8	
Total	243,868	121,637	122,231	100.0	

Prevalence of Cardiovascular Disease(CVD) and Stroke Among Adults (≥18) 2007

	CVD ¹		Heart Disease ²		Stroke	
	Amarillo MSA	Texas	Amarillo MSA	Texas	Amarillo MSA	Texas
Total	10.4%	8.3%	6.1%	6.7%	5.4%	2.8%
Male	11.7%	8.6%	4.4%	7.3%	7.5%	2.6%
Female	9.3%	8.0%	7.4%	6.1%	3.7%	3.0%
White	6.4%	9.4%	4.7%	7.8%	2.5%	2.9%
African American	-	8.6%	-	5.7%	-	4.4%
Hispanic	-	6.4%	-	5.2%	-	2.1%

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

	CVD		Heart Disease		Stroke	
	Amarillo MSA	Texas	Amarillo MSA	Texas	Amarillo MSA	Texas
Total	303.2	317.5	222.9	237.6	58.0	58.8
Male	334.8	356.0	254.0	279.2	56.1	55.1
Female	274.5	284.0	195.5	203.1	58.8	60.6
White	305.5	319.2	226.3	241.0	58.0	57.7
African American	428.1	451.1	306.6	327.6	76.1	87.8
Hispanic	239.0	259.8	166.5	194.6	47.4	48.1

Hospital Discharge Data⁴

Texas EMS/Trauma Registry Data⁵ 2007 (Amarillo MSA)

Amarillo MSA, 2007	Hospital Charges	Time (Min) for CVD		Time (Min) for Stroke	
		Amarillo MSA	Texas	Amarillo MSA	Texas
Ischemic Heart Disease	\$ 74,567,870	Response Time = (Time Call Received - Time EMS Arrived on Scene) 6.1 8.3 6.3 9.1			
Hemorrhagic Stroke	\$ 6,075,661	Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene) 16.1 18.5 15.1 18.1			
Ischemic Stroke	\$ 10,483,184	Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination) 9.8 14.5 8.7 14.3			
Congestive Heart Failure	\$ 24,059,003	Delivery Time = (Time Call Received - Time EMS Arrived at Destination) 36.7 39.7 30.1 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).

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



**Cardiovascular Health Facts 2005-2007
Amarillo Metropolitan Statistical Area (MSA)**

CVD Risk Factors¹ in 2007

Diabetes			High Blood Cholesterol		
	Amarillo MSA	Texas		Amarillo MSA	Texas
Total	6.5%	10.4%	Total	38.2%	38.5%
Male	4.4%	9.9%	Male	27.1%	40.7%
Female	8.2%	10.8%	Female	46.2%	36.5%
White	5.3%	8.5%	White	39.3%	40.0%
African American	-	12.9%	African American	-	33.2%
Hispanic	-	12.3%	Hispanic	-	37.3%
Current Smoker			High Blood Pressure		
	Amarillo MSA	Texas		Amarillo MSA	Texas
Total	24.9%	19.3%	Total	17.1%	27.8%
Male	25.8%	21.9%	Male	8.3%	27.7%
Female	24.2%	16.9%	Female	24.3%	30.0%
White	24.8%	20.5%	White	15.5%	29.1%
African American	-	21.4%	African American	-	41.4%
Hispanic	-	17.5%	Hispanic	-	21.7%
Obesity (BMI>=30)			No Leisure Time Physical Activity		
	Amarillo MSA	Texas		Amarillo MSA	Texas
Total	31.9%	28.6%	Total	22.4%	28.3%
Male	40.5%	28.6%	Male	17.1%	25.5%
Female	24.1%	28.5%	Female	26.7%	31.0%
White	31.3%	25.7%	White	15.1%	23.5%
African American	-	38.7%	African American	-	33.7%
Hispanic	-	32.7%	Hispanic	-	34.3%
Poor Nutrition⁵			Youth Risk Factors (2007)		
	Amarillo MSA	Texas		U.S.	Texas
Total	70.3%	74.8%	Current cigarette use ²	20.0%	21.1%
Male	65.2%	77.8%	Obesity ³	13.0%	15.9%
Female	74.3%	71.9%	Met recommended levels of physical activity ⁴	34.7%	42.5%
White	72.2%	73.4%	Ate fruits and vegetables 5 or more times/day	21.4%	17.4%
African American	-	75.7%			
Hispanic	-	75.2%			

Recognition of CVD and Stroke Symptoms¹ (2005) Amarillo MSA

Heart Attack	% Of Respondents Recognizing Symptoms	Stroke	% Of Respondents Recognizing Symptoms
Pain or discomfort in jaw, neck or back	35.2	Sudden confusion or trouble speaking	87.5
Feeling weak, lightheaded, or faint	57.1	Sudden numbness or weakness of face, arms, legs (especially on one side)	91.6
Chest pain or discomfort	95.0	Sudden trouble seeing in one or both eyes	51.1
Sudden trouble seeing in one or both eyes	30.0	Sudden chest pain or discomfort	38.9
Pain or discomfort in the arms or shoulders	73.0	Sudden trouble walking, dizziness, or loss of balance	84.9
Shortness of breath	75.9	Severe headache with no known cause	42.0
Recognizes all heart attack symptoms	10.2	Recognizes all stroke symptoms	9.5

Would call 911 as a first response if **Heart Attack OR Stroke** is suspected - 78.6

¹2007 Texas Behavioral Risk Factor Surveillance System, Statewide BRFSS Survey, for Respondents 18 years and older who report that they have been diagnosed with high Blood Pressure, but not during pregnancy; Respondents 18 years and older who report that they have been diagnosed with high Blood Cholesterol; Respondents 18 years and older who report that they have been diagnosed with Diabetes. Does not include gestational diabetes
²Percentage of students who smoked cigarettes on at least 1 day during the 30 days before the survey
<http://apps.nccd.cdc.gov/yrbss/QuestYearTable.asp?ByVar=CI&cat=6&quest=Q80&loc=XX&year=2007>
³Obese > 95th Percentile for BMI by Age/Sex <http://apps.nccd.cdc.gov/yrbss/QuestYearTable.asp?ByVar=CI&cat=6&quest=Q80&loc=XX&year=2007>
⁴Recommendation: Physical Activity -Percentage of students who were physically active doing any kind of physical activity that increased their heart rate and made them breathe hard some of the time for a total of at least 60 minutes per day on five or more of the 7 days before the survey
<http://apps.nccd.cdc.gov/yrbss/QuestYearTable.asp?ByVar=CI&cat=6&quest=Q80&loc=XX&year=2007>
⁵Ate fruits and vegetables less than 5 times/day <http://apps.nccd.cdc.gov/yrbss/QuestYearTable.asp?ByVar=CI&cat=6&quest=Q80&loc=XX&year=2007>
 The '-' indicates that the sample size was not a statistically valid sample size (< 50 respondents).