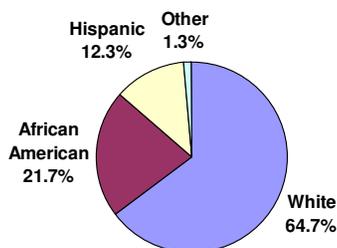


**Texas Cardiovascular Health & Wellness Program
Texas Department of State Health Services**



**Cardiovascular Health Facts 2001-2007
Gregg & Harrison Counties**

Demography of Gregg & Harrison Counties in 2007 (Estimated Texas Population)



Demographics				
Age	Total	Males	Females	Percent
0-17	45,921	23,463	22,458	25.5
18-29	31,921	16,346	15,575	17.7
30-34	33,048	16,447	16,601	18.3
35-64	45,397	22,152	23,245	25.2
65+	24,056	10,098	13,958	13.3
Total	180,343	88,506	91,837	100.0

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

	CVD ¹		Heart Disease ²		Stroke	
	Gregg & Harrison Counties	Texas	Gregg & Harrison Counties	Texas	Gregg & Harrison Counties	Texas
Total	6.3%	8.3%	5.0%	6.7%	2.4%	2.8%
Male	6.7%	8.6%	5.4%	7.3%	2.9%	2.6%
Female	5.8%	8.0%	4.6%	6.1%	1.9%	3.0%
White	7.7%	9.4%	6.3%	7.8%	2.5%	2.9%
African American	6.1%	8.6%	4.2%	5.7%	3.5%	4.4%
Hispanic	4.0%	6.4%	3.0%	5.2%	1.8%	2.1%

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

	CVD		Heart Disease		Stroke	
	Gregg & Harrison Counties	Texas	Gregg & Harrison Counties	Texas	Gregg & Harrison Counties	Texas
Total	367.3	317.5	269.7	237.6	70.4	58.8
Male	432.2	356.0	341.0	279.2	64.6	55.1
Female	315.0	284.0	214.6	203.1	73.2	60.6
White	357.4	319.2	263.8	241.0	68.0	57.7
African American	443.9	451.1	320.1	327.6	87.3	87.8
Hispanic	173.3	259.8	110.4	194.6	49.1	48.1

Hospital Discharge Data⁴

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

	Gregg & Harrison Counties, 2007 Hospital Charges	Time (Min) for CVD		Time (Min) for Stroke		
		HSR 4	Texas	HSR 4	Texas	
Ischemic Heart Disease	\$ 62,503,585	Response Time = (Time Call Received - Time EMS Arrived on Scene)	9.7	8.3	10.0	9.1
Hemorrhagic Stroke	\$ 5,064,590	Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene)	16.4	18.5	16.8	18.1
Ischemic Stroke	\$ 14,855,633	Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination).	13.3	14.5	13.4	14.3
Congestive Heart Failure	\$ 25,471,732	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).

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



**Cardiovascular Health Facts 2005-2007
Gregg & Harrison County**

CVD Risk Factors¹ in 2007

Diabetes			High Blood Cholesterol		
	Gregg & Harrison	Texas		Gregg & Harrison	Texas
Total	10.0%	10.4%	Total	38.8%	38.5%
Male	9.8%	9.9%	Male	44.7%	40.7%
Female	10.2%	10.8%	Female	34.0%	36.5%
White	7.2%	8.5%	White	36.8%	40.0%
African American	10.7%	12.9%	African American	36.2%	33.2%
Hispanic	12.8%	12.3%	Hispanic	35.8%	37.3%
Current Smoker			High Blood Pressure		
	Gregg & Harrison	Texas		Gregg & Harrison	Texas
Total	16.5%	19.3%	Total	29.5%	27.8%
Male	17.5%	21.9%	Male	31.5%	27.7%
Female	15.7%	16.9%	Female	27.8%	30.0%
White	15.7%	20.5%	White	28.2%	29.1%
African American	19.9%	21.4%	African American	40.9%	41.4%
Hispanic	17.6%	17.5%	Hispanic	22.3%	21.7%
Obesity (BMI>=30)			No Leisure Time Physical Activity		
	Gregg & Harrison	Texas		Gregg & Harrison	Texas
Total	27.5%	28.6%	Total	28.7%	28.3%
Male	26.8%	28.6%	Male	23.7%	25.5%
Female	28.1%	28.5%	Female	33.1%	31.0%
White	22.3%	25.7%	White	18.6%	23.5%
African American	41.8%	38.7%	African American	34.8%	33.7%
Hispanic	30.3%	32.7%	Hispanic	39.2%	34.3%
Poor Nutrition⁵			Youth Risk Factors (2007)		
	Gregg & Harrison	Texas		U.S.	Texas
Total	74.5%	74.8%	Current cigarette use ²	20.0%	21.1%
Male	76.1%	77.8%	Obesity ³	13.0%	15.9%
Female	73.2%	71.9%	Met recommended levels of physical activity ⁴	34.7%	42.5%
White	70.7%	73.4%	Ate fruits and vegetables 5 or more times/day	21.4%	17.4%
African American	75.2%	75.7%			
Hispanic	81.2%	75.2%			

Recognition of CVD and Stroke Symptoms¹ (2005) Gregg & Harrison

Heart Attack	% Of Respondents Recognizing Symptoms	Stroke	% Of Respondents Recognizing Symptoms
Pain or discomfort in jaw, neck or back	36.0	Sudden confusion or trouble speaking	75.0
Feeling weak, lightheaded, or faint	56.6	Sudden numbness or weakness of face, arms, legs (especially on one side)	86.9
Chest pain or discomfort	85.5	Sudden trouble seeing in one or both eyes	63.1
Sudden trouble seeing in one or both eyes	30.6	Sudden chest pain or discomfort	40.0
Pain or discomfort in the arms or shoulders	78.1	Sudden trouble walking, dizziness, or loss of balance	76.8
Shortness of breath	77.4	Severe headache with no known cause	56.4
Recognizes all heart attack symptoms	7.7	Recognizes all stroke symptoms	16.2

Would call 911 as a first response if **Heart Attack OR Stroke** is suspected - 82.1

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>
 - indicates the sample size was not a statistically valid sample size (< 50 respondents).