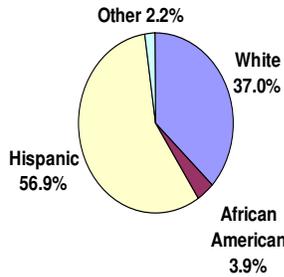


**Texas Cardiovascular Health & Wellness Program
Texas Department of State Health Services**



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

Demography of Corpus Christi MSA in 2007 (Estimated Texas Population)



Demographics				
Age	Total	Males	Females	Percent
0-17	113,821	58,184	55,637	27.2
18-29	79,024	40,238	38,786	18.9
30-34	80,704	40,216	40,488	19.3
35-64	98,284	47,929	50,355	23.4
65+	47,370	20,403	26,967	11.3
Total	419,203	206,970	212,233	100.0

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

	CVD ¹		Heart Disease ²		Stroke	
	Corpus Christi MSA	Texas	Corpus Christi MSA	Texas	Corpus Christi MSA	Texas
Total	7.3%	8.3%	4.8%	6.7%	3.4%	2.8%
Male	8.8%	8.6%	6.8%	7.3%	2.6%	2.6%
Female	5.5%	8.0%	2.3%	6.1%	4.4%	3.0%
White	9.8%	9.4%	5.3%	7.8%	6.2%	2.9%
African American	-	8.6%	-	5.7%	-	4.4%
Hispanic	6.3%	6.4%	5.1%	5.2%	1.7%	2.1%

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

	CVD		Heart Disease		Stroke	
	Corpus Christi MSA	Texas	Corpus Christi MSA	Texas	Corpus Christi MSA	Texas
Total	297.4	317.5	213.1	237.6	59.7	58.8
Male	347.1	356.0	261.3	279.2	58.8	55.1
Female	254.6	284.0	172.6	203.1	59.3	60.6
White	303.0	319.2	223.4	241.0	58.2	57.7
African American	381.5	451.1	250.4	327.6	78.5	87.8
Hispanic	289.5	259.8	201.6	194.6	60.4	48.1

Hospital Discharge Data⁴

Texas EMS/Trauma Registry Data⁵ 2007 (Corpus Christi MSA)

Corpus Christi MSA, 2007	Hospital Charges	Time (Min) for CVD		Time (Min) for Stroke	
		Corpus Christi	Texas	Corpus Christi	Texas
Ischemic Heart Disease	\$ 107,276,893	Response Time = (Time Call Received - Time EMS Arrived on Scene)			
		7.4	8.3	7.4	9.1
Hemorrhagic Stroke	\$ 2,125,069	Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene)			
		14.9	18.5	15.8	18.1
Ischemic Stroke	\$ 36,954,532	Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination)			
		9.3	14.5	9.1	14.3
Congestive Heart Failure	\$ 56,549,619	Delivery Time = (Time Call Received - Time EMS Arrived at Destination)			
		31.3	39.7	32.4	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).

The '·' indicates no data was available for this measure.

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



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

CVD Risk Factors¹ in 2007

Diabetes		Corpus Christi MSA	Texas	High Blood Cholesterol		Corpus Christi MSA	Texas
Total		16.9%	10.4%	Total		36.4%	38.5%
Male		18.3%	9.9%	Male		38.1%	40.7%
Female		15.2%	10.8%	Female		34.5%	36.5%
White		11.5%	8.5%	White		35.9%	40.0%
African American		-	12.9%	African American		-	33.2%
Hispanic		19.3%	12.3%	Hispanic		35.2%	37.3%
Current Smoker		Corpus Christi MSA	Texas	High Blood Pressure		Corpus Christi MSA	Texas
Total		30.0%	19.3%	Total		30.7%	27.8%
Male		35.8%	21.9%	Male		28.4%	27.7%
Female		20.5%	16.9%	Female		33.4%	30.0%
White		24.5%	20.5%	White		32.1%	29.1%
African American		-	21.4%	African American		-	41.4%
Hispanic		31.4%	17.5%	Hispanic		26.3%	21.7%
Obesity (BMI>=30)		Corpus Christi MSA	Texas	No Leisure Time Physical Activity		Corpus Christi MSA	Texas
Total		30.7%	28.6%	Total		32.1%	28.3%
Male		27.6%	28.6%	Male		34.0%	25.5%
Female		34.7%	28.5%	Female		29.8%	31.0%
White		22.9%	25.7%	White		22.8%	23.5%
African American		-	38.7%	African American		-	33.7%
Hispanic		35.1%	32.7%	Hispanic		39.4%	34.3%
Poor Nutrition⁵		Corpus Christi MSA	Texas	Youth Risk Factors (2007)		U.S	Texas
Total		76.1%	74.8%	Current cigarette use ²		20.0%	21.1%
Male		80.5%	77.8%	Obesity ³		13.0%	15.9%
Female		71.0%	71.9%	Met recommended levels of physical activity ⁴		34.7%	42.5%
White		72.3%	73.4%	Ate fruits and vegetables 5 or more times/day		21.4%	17.4%
African American		-	75.7%				
Hispanic		84.9%	75.2%				

Recognition of CVD and Stroke Symptoms¹ (2005) Corpus Christi MSA

Heart Attack	% Of Respondents Recognizing Symptoms	Stroke	% Of Respondents Recognizing Symptoms
Pain or discomfort in jaw, neck or back	43.5	Sudden confusion or trouble speaking	79.1
Feeling weak, lightheaded, or faint	54.1	Sudden numbness or weakness of face, arms, legs (especially on one side)	72.9
Chest pain or discomfort	90.9	Sudden trouble seeing in one or both eyes	63.0
Sudden trouble seeing in one or both eyes	31.6	Sudden chest pain or discomfort	58.0
Pain or discomfort in the arms or shoulders	80.6	Sudden trouble walking, dizziness, or loss of balance	81.5
Shortness of breath	81.4	Severe headache with no known cause	59.7
Recognizes all heart attack symptoms	4.7	Recognizes all stroke symptoms	9.6

Would call 911 as a first response if **Heart Attack OR Stroke** is suspected - 77.7

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=C1&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=C1&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=C1&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=C1&cat=6&quest=Q80&loc=XX&year=2007>

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