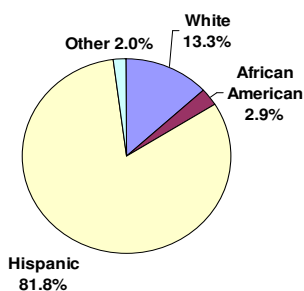


Texas Cardiovascular Health & Wellness Program Texas Department of State Health Services



Cardiovascular Health Facts 2001-2007 El Paso Metropolitan Statistical Areas (MSA)

Demography of El Paso MSA in 2007 (Estimated Texas Population)



Demographics				
Age	Total	Males	Females	Percent
0-17	222,486	112,956	109,530	29.8
18-29	147,913	77,447	70,466	19.8
30-34	151,851	74,482	77,369	20.4
35-64	151,206	69,738	81,468	20.3
65+	72,153	29,761	42,392	9.7
Total	745,609	364,384	381,225	100.0

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

	CVD ¹		Heart Disease ²		Stroke	
	El Paso MSA	Texas	El Paso MSA	Texas	El Paso MSA	Texas
Total	4.8%	8.3%	3.8%	6.7%	2.1%	2.8%
Male	4.6%	8.6%	3.6%	7.3%	2.2%	2.6%
Female	5.2%	8.0%	4.0%	6.1%	1.9%	3.0%
White	7.8%	9.4%	6.4%	7.8%	2.8%	2.9%
African American	-	8.6%	-	5.7%	-	4.4%
Hispanic	4.1%	6.4%	3.1%	5.2%	1.9%	2.1%

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

	CVD		Heart Disease		Stroke	
	El Paso MSA	Texas	El Paso MSA	Texas	El Paso MSA	Texas
Total	260.8	317.5	195.8	237.6	42.1	58.8
Male	308.1	356.0	242.1	279.2	41.5	55.1
Female	224.7	284.0	161.1	203.1	42.2	60.6
White	321.0	319.2	249.9	241.0	43.7	57.7
African American	356.9	451.1	266.4	327.6	58.8	87.8
Hispanic	234.1	259.8	172.7	194.6	40.4	48.1

Hospital Discharge Data⁴

Texas EMS/Trauma Registry Data⁵ 2007 (El Paso MSA)

El Paso MSA, 2007	Hospital Charges	Time (Min) for CVD		Time (Min) for Stroke	
		El Paso MSA	Texas	El Paso MSA	Texas
Ischemic Heart Disease	\$185,434,295	Response Time = (Time Call Received - Time EMS Arrived on Scene) 7.4 8.3 7.2 9.1			
Hemorrhagic Stroke	\$21,125,572	Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene) 18.7 18.5 16.7 18.1			
Ischemic Stroke	\$40,982,396	Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination) 18.3 14.5 17.2 14.3			
Congestive Heart Failure	\$79,820,891	Delivery Time = (Time Call Received - Time EMS Arrived at Destination) 44.4 39.7 40.9 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
El Paso Metropolitan Statistical Areas (MSA)**

CVD Risk Factors¹ in 2007

Diabetes		El Paso MSA	Texas	High Blood Cholesterol		El Paso MSA	Texas
Total		9.7%	10.4%	Total		37.3%	38.5%
Male		7.3%	9.9%	Male		39.5%	40.7%
Female		12.4%	10.8%	Female		34.9%	36.5%
White		8.4%	8.5%	White		40.5%	40.0%
African American		-	12.9%	African American		-	33.2%
Hispanic		9.7	12.3%	Hispanic		36.8	37.3%
Current Smoker		El Paso MSA	Texas	High Blood Pressure		El Paso MSA	Texas
Total		18.5%	19.3%	Total		23.3%	27.8%
Male		22.4%	21.9%	Male		23.3%	27.7%
Female		14.0%	16.9%	Female		23.3%	30.0%
White		21.5%	20.5%	White		29.3%	29.1%
African American		-	21.4%	African American		-	41.4%
Hispanic		17.8%	17.5%	Hispanic		21.5	21.7%
Obesity (BMI>=30)		El Paso MSA	Texas	No Leisure Time Physical Activity		El Paso MSA	Texas
Total		27.7%	28.6%	Total		26.8%	28.3%
Male		26.8%	28.6%	Male		25.0%	25.5%
Female		28.6%	28.5%	Female		28.8%	31.0%
White		21.8%	25.7%	White		16.5%	23.5%
African American		-	38.7%	African American		-	33.7%
Hispanic		28.9	32.7%	Hispanic		28.3%	34.3%
Poor Nutrition⁵		El Paso MSA	Texas	Youth Risk Factors (2007)		U.S.	Texas
Total		75.1%	74.8%	Current cigarette use ²		20.0%	21.1%
Male		74.8%	77.8%	Obesity ³		13.0%	15.9%
Female		75.4%	71.9%	Met recommended levels of physical activity ⁴		34.7%	42.5%
White		70.0%	73.4%	Ate fruits and vegetables 5 or more times/day		21.4%	17.4%
African American		-	75.7%				
Hispanic		76.1%	75.2%				

Recognition of CVD and Stroke Symptoms¹ (2005) El Paso MSA

Heart Attack	% Of Respondents Recognizing Symptoms	Stroke	% Of Respondents Recognizing Symptoms
Pain or discomfort in jaw, neck or back	32.0	Sudden confusion or trouble speaking	69.9
Feeling weak, lightheaded, or faint	53.9	Sudden numbness or weakness of face, arms, legs (especially on one side)	87.8
Chest pain or discomfort	86.7	Sudden trouble seeing in one or both eyes	54.3
Sudden trouble seeing in one or both eyes	32.3	Sudden chest pain or discomfort	48.7
Pain or discomfort in the arms or shoulders	77.1	Sudden trouble walking, dizziness, or loss of balance	78.2
Shortness of breath	78.3	Severe headache with no known cause	57.6
Recognizes all heart attack symptoms	6.7	Recognizes all stroke symptoms	13.1

Would call 911 as a first response if **Heart Attack OR Stroke** is suspected - **89.4%**

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 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).