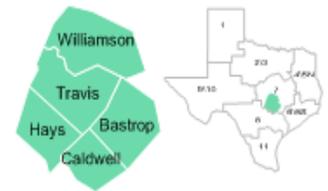
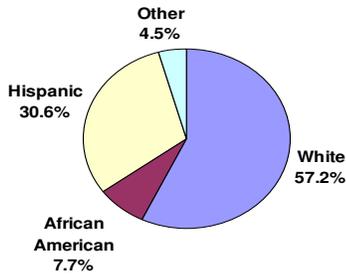


**Texas Cardiovascular Health & Wellness Program
Texas Department of State Health Services**



**Cardiovascular Health Facts 2001-2007
Austin-Round Rock Metropolitan Statistical Area (MSA)**

Demography of Austin-Round Rock MSA in 2007 (Estimated Texas Population)



Demographics				
Age	Total	Males	Females	Percent
0-17	373,258	191,331	181,927	24.7
18-29	308,458	162,035	146,423	20.4
30-34	371,506	196,584	174,922	24.6
35-64	341,685	172,191	169,494	22.6
65+	113,716	49,728	63,988	7.5
Total	1,508,623	771,869	736,754	100.0

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

	CVD ¹		Heart Disease ²		Stroke	
	Austin-Round Rock MSA	Texas	Austin-Round Rock MSA	Texas	Austin-Round Rock MSA	Texas
Total	6.5%	8.3%	4.6%	6.7%	2.7%	2.8%
Male	8.0%	8.6%	5.8%	7.3%	3.1%	2.6%
Female	4.8%	8.0%	3.4%	6.1%	2.2%	3.0%
White	6.6%	9.4%	5.2%	7.8%	2.0%	2.9%
African American	10.6%	8.6%	5.9%	5.7%	5.6%	4.4%
Hispanic	6.1%	6.4%	3.5%	5.2%	4.2%	2.1%

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

	CVD		Heart Disease		Stroke	
	Austin-Round Rock MSA	Texas	Austin-Round Rock MSA	Texas	Austin-Round Rock MSA	Texas
Total	257.5	317.5	180.5	237.6	55.0	58.8
Male	282.3	356.0	211.7	279.2	51.6	55.1
Female	234.7	284.0	154.5	203.1	56.5	60.6
White	253.4	319.2	179.0	241.0	52.8	57.7
African American	399.5	451.1	277.2	327.6	80.1	87.8
Hispanic	222.3	259.8	152.9	194.6	55.0	48.1

Hospital Discharge Data⁴

Texas EMS/Trauma Registry Data⁵ 2007 (Austin-Round Rock MSA)

Austin-Round Rock MSA, 2007	Hospital Charges	Time (Min) for CVD		Time (Min) for Stroke	
		Austin-Round Rock	Texas	Austin-Round Rock	Texas
Ischemic Heart Disease	\$252,825,617	Response Time = (Time Call Received - Time EMS Arrived on Scene) 6.7 7.9 7.2 8.5			
Hemorrhagic Stroke	\$31,811,079	Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene) 19.9 18.2 16.0 18.1			
Ischemic Stroke	\$59,301,038	Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination) 11.8 13.6 17.4 14.1			
Congestive Heart Failure	\$99,337,919	Delivery Time = (Time Call Received - Time EMS Arrived at Destination) 38.3 38.7 41.5 40.1			

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 Austin-Round Rock Metropolitan Statistical Area (MSA)

CVD Risk Factors¹ in 2007

CVD Risk Factors ¹ in 2007					
Diabetes	Austin-Round Rock MSA	Texas	High Blood Cholesterol	Austin-Round Rock MSA	Texas
Total	7.7%	10.4%	Total	36.0%	38.5%
Male	8.1%	9.9%	Male	38.4%	40.7%
Female	7.3%	10.8%	Female	33.7%	36.5%
White	6.6%	8.5%	White	36.7%	40.0%
African American	16.6%	12.9%	African American	51.0%	33.2%
Hispanic	7.1%	12.3%	Hispanic	29.1%	37.3%
Current Smoker	Austin-Round Rock MSA	Texas	High Blood Pressure	Austin-Round Rock MSA	Texas
Total	17.2%	19.3%	Total	24.1%	27.8%
Male	19.8%	21.9%	Male	27.0%	27.7%
Female	14.4%	16.9%	Female	20.9%	30.0%
White	18.4%	20.5%	White	23.2%	29.1%
African American	17.8%	21.4%	African American	50.2%	41.4%
Hispanic	17.1%	17.5%	Hispanic	17.9%	21.7%
Obesity (BMI>=30)	Austin-Round Rock MSA	Texas	No Leisure Time Physical Activity	Austin-Round Rock MSA	Texas
Total	23.3%	28.6%	Total	18.5%	28.3%
Male	24.0%	28.6%	Male	15.0%	25.5%
Female	22.4%	28.5%	Female	22.3%	31.0%
White	18.0%	25.7%	White	15.0%	23.5%
African American	49.2%	38.7%	African American	32.5%	33.7%
Hispanic	30.1%	32.7%	Hispanic	25.5%	34.3%
Poor Nutrition⁵	Austin-Round Rock MSA	Texas	Youth Risk Factors (2007)	U.S.	Texas
Total	73.1%	74.8%	Current cigarette use ²	20.0%	21.1%
Male	76.9%	77.8%	Obesity ³	13.0%	15.9%
Female	68.8%	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	74.4%	75.7%			
Hispanic	78.4%	75.2%			

Recognition of CVD and Stroke Symptoms¹ (2005) Austin-Round Rock MSA

Heart Attack	% Of Respondents Recognizing Symptoms	Stroke	% Of Respondents Recognizing Symptoms
Pain or discomfort in jaw, neck or back	41.6	Sudden confusion or trouble speaking	88.0
Feeling weak, lightheaded, or faint	58.8	Sudden numbness or weakness of face, arms, legs (especially on one side)	91.2
Chest pain or discomfort	91.5	Sudden trouble seeing in one or both eyes	68.0
Sudden trouble seeing in one or both eyes	30.8	Sudden chest pain or discomfort	35.2
Pain or discomfort in the arms or shoulders	82.5	Sudden trouble walking, dizziness, or loss of balance	84.2
Shortness of breath	82.3	Severe headache with no known cause	57.5
Recognizes all heart attack symptoms	10.7	Recognizes all stroke symptoms	24.7

Would call 911 as a first response if **Heart Attack OR Stroke** is suspected - 90.4

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 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).