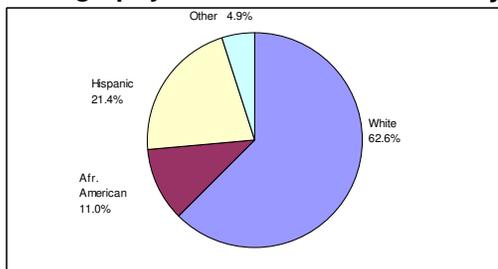


Texas Cardiovascular Health & Wellness Program Texas Department of State Health Services



Cardiovascular Health Facts 1999-2006 Texas Brazos County

Demography of Texas Brazos County in 2006



Demographics

Age	Total	Males	Females	Percent
0-17	36,782	18,859	17,923	21.8
18-29	62,909	33,331	29,578	37.3
30-34	11,313	5,812	5,501	6.7
35-64	46,296	23,209	23,087	27.5
65+	11,145	4,647	6,498	6.6
Total	168,445	85,858	82,587	100

Prevalence of Cardiovascular Disease (CVD) and Stroke Among Adults¹ (18+ years) 1999, 2001, 2003, 2005, 2006

	Prevalence % of CVD		Prevalence % Heart Disease		Prevalence % Stroke	
	Texas (2006)	Brazos County	Texas (2006)	Brazos County	Texas (2006)	Brazos County
Total	8.3	7.3	6.6	5.0	2.6	2.3
Male	8.4	8.6	6.9	5.6	2.3	3.1
Female	8.2	6.2	6.3	4.5	2.9	1.7
White	9.6	7.6	7.8	5.0	2.6	2.5
African American	8.1	*	5.2	*	3.6	*
Hispanic	6.2	*	4.6	*	2.5	*

CVD and Stroke Age-adjusted Mortality Rates² (per 100,000) 2001-2004

	CVD (TX 334.7)		Heart Disease (TX 250.5)		Stroke (TX 62.5)	
	Deaths	Rates	Deaths	Rates	Deaths	Rates
Total	1,176	339.4	836	240.1	258	75.5
Male	503	362.9	394	279.9	78	59.9
Female	673	320.2	442	210.3	180	85.5
White	918	331.0	664	238.9	197	71.6
African American	174	442.8	114	286.8	41	107.2
Hispanic	84	275.8	58	185.7	20	68.8

Hospital Discharges 2005

Texas EMS/Trauma Registry Data⁴ 2004 for Brazos County

	Charges (\$)	Time (in Minutes) for CVD		Time (in Minutes) for Stroke	
		Response Time = (Call Received Time - Time EMS Arrived on Scene)	Scene Time = (Time EMS Arrived on Scene - Time EMS Departed Scene)	Transport Time = (Time EMS Departed Scene - Time EMS Arrived at Destination)	Delivery Time = (Call Received Time - Time EMS Arrived at Destination)
Ischemic Heart Disease	43,408,422	6.2	17.5	8.6	29.7
Hemorrhagic Stroke	2,749,705	6.1	15.3	8.6	29.7
Ischemic Stroke	4,678,846	6.1	15.3	8.6	29.7
Congestive Heart Failure	11,378,806	6.1	15.3	8.6	29.7

¹1999-2006 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.

²1999-2004 Texas Department of State Health Services Vital Statistics. Mortality due to CVD was defined as the (ICD-10 Code I00-I99; Heart Disease: I00-I09, I11, I13, I20-I51; Stroke: I60-I69) cause of death.

³2005 Texas Health Care Information Council, 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).

⁴ Texas EMS/Trauma Registry Data Selected in 2004. the selection criteria as:

- Calls received during 2004
- 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

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Cardiovascular Health Facts 2001-2006 Texas Brazos County

Prevalence of CVD Risk Factors in 2001- 2006

Diabetes	Texas % (2006)	Brazos County %	High Blood Cholesterol	Texas % (2005)	Brazos County %
Total	8.0	3.9	Total	34.0	30.4
Gender			Gender		
Male	8.0	3.9	Male	32.8	*
Female	7.9	3.9	Female	35.1	25.0
Current Smoker	Texas % (2006)	Brazos County %	High Blood Pressure	Texas % (2005)	Brazos County %
Total	17.9	15.7	Total	24.5	25.6
Gender			Gender		
Male	20.5	13.1	Male	24.2	30.1
Female	15.4	18.5	Female	24.8	22.3
Obesity	Texas % (2006)	Brazos County %	No Leisure Time Physical Activity	Texas % (2006)	Brazos County %
Total	26.1	19.7	Total	28.4	20.1
Gender			Gender		
Male	26.5	12.6	Male	25.8	18.7
Female	25.6	27.9	Female	31.0	21.6

Recognition of CVD Symptoms¹, Texas BRFSS, 2001, 2003, 2005

Heart Attack	Prevalence%	Stroke	Prevalence%
Pain or discomfort in jaw, neck or back	47.5	Sudden confusion or trouble speaking	83.2
Feeling weak, lightheaded, or faint	69.6	Sudden numbness or weakness of face, arms, legs (especially on one side)	98.1
Chest pain or discomfort	96.7	Sudden trouble seeing in one or both eyes	71.6
Pain or discomfort in the arms or shoulders	88.1	Sudden trouble walking, dizziness, or loss of balance	83.3
Shortness of breath	87.8	Severe headache with no known cause	55.5
<i>Recognizes all heart attack symptoms</i>	13.5	<i>Recognizes all stroke symptoms</i>	18.0
Would call 911 as a first response if Heart Attack OR Stroke is suspected			83.8

Heart and Stroke Healthy City Recognition Community Indicators (City of Bryan)

M=Indicator Met , **P**=Indicator Partially Met , **N**=Indicator Not Met

1. **P** Cardiovascular disease and stroke ongoing public information campaigns are provided in the community.
2. **M** Physical activity areas are designated, safe, and accessible and promoted.
3. **P** Healthy food options are accessible and promoted.
4. **M** Public schools (grades K-8) comply with all legislated components of a coordinated school health program and daily physical activity.
5. **N** Moderate to strong city smoking ordinances are in place.
6. **M** CPR classes are available.
7. **M** A plan is in place to reduce disparities in CVD and stroke.
8. **M** Defibrillators (Manual and/or Automated External) are available.
9. **M** Stroke is treated as a medical emergency in the community and appropriate acute stroke treatment protocols are in place.
10. **P** Health Sites in the Community Promote Primary and Secondary Prevention of CVD and Stroke.

¹ 2001-2006 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

* indicates that the sample size was < 50.