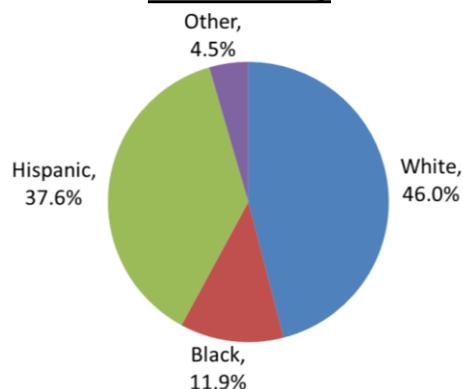




# Texas

## Demography of Texas<sup>1</sup>, 2010

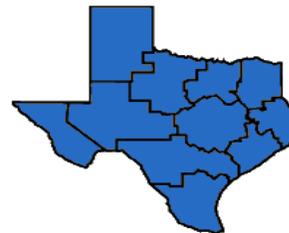
### Race/Ethnicity



### Demographics

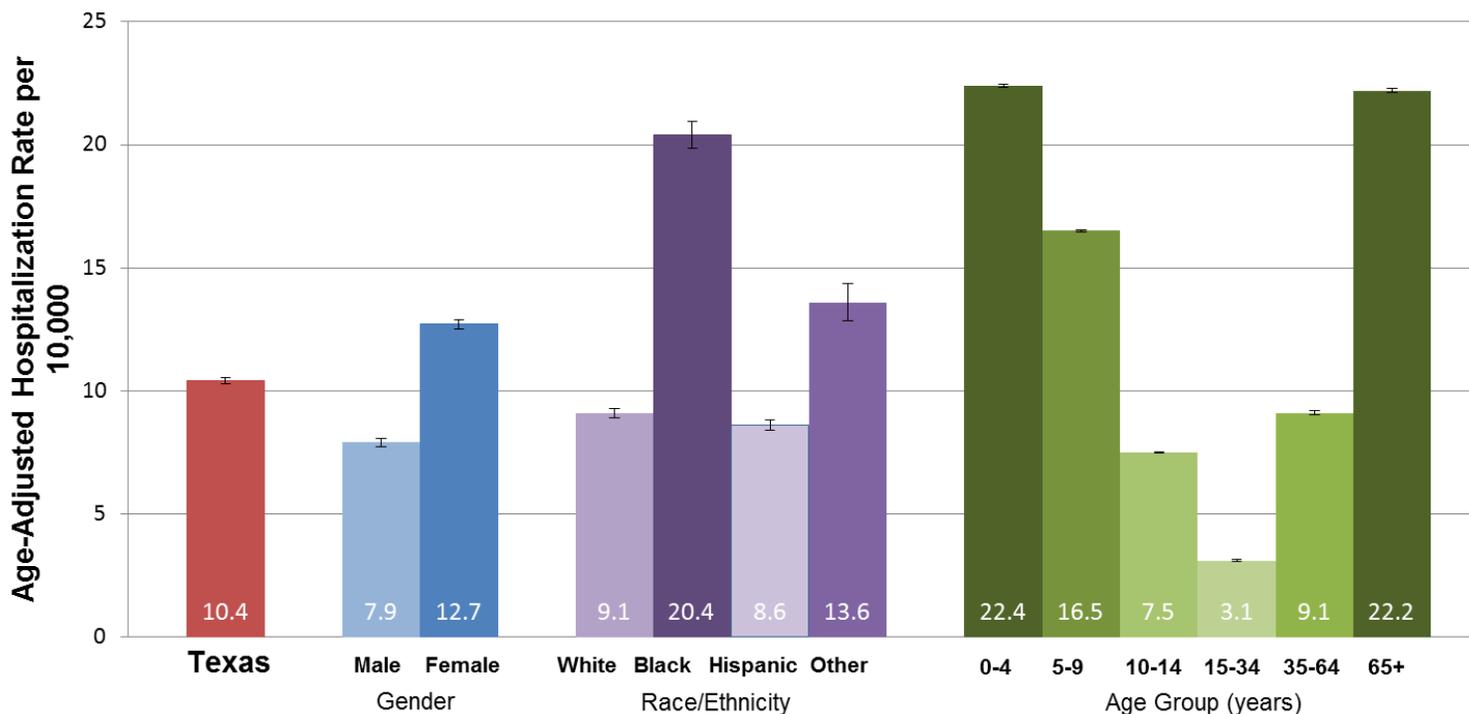
Age (years)	Total	Percent	Male	Female
0-4	1,928,473	7.7%	984,149	944,324
5-9	1,928,234	7.7%	983,814	944,420
10-14	1,881,883	7.5%	962,866	919,017
15-17	1,127,234	4.5%	579,420	547,814
18-29	4,426,008	17.6%	2,260,585	2,165,423
30-44	5,218,816	20.8%	2,605,891	2,612,925
45-64	6,033,027	24.0%	2,959,891	3,073,136
65+	2,601,886	10.3%	1,135,664	1,466,222
<b>Total</b>	<b>25,145,561</b>	<b>100.0%</b>	<b>12,472,280</b>	<b>12,673,281</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
	Sample size	Prevalence (95% CI)		Sample size	Prevalence (95% CI)		Deaths	Rate (95% CI)
<b>Total</b>	5,036	7.6% (6.1, 9.0)	<b>Total</b>	17,948	7.4% (6.6, 8.2)	<b>Total</b>	1,516	1.0 (1.0, 1.1)
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	2,559	9.1% (6.9, 11.2)	Male	6,490	5.1% (4.0, 6.2)	Male	552	0.8 (0.7, 0.8)
Female	2,433	6.1% (4.2, 8.0)	Female	11,458	9.6% (8.5, 10.7)	Female	964	1.2 (1.1, 1.3)
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	2,017	6.4% (4.9, 8.0)	White	1,160	7.9% (7.0, 8.9)	White	861	1.0 (0.9, 1.0)
Black	365	13.8% (7.1, 20.6)	Black	3,483	10.8% (7.3, 14.3)	Black	368	2.3 (2.0, 2.5)
Hispanic	2,415	6.9% (5.0, 8.9)	Hispanic	7,053	5.8% (4.2, 7.5)	Hispanic	226	0.7 (0.6, 0.8)
Other	174	4.2% (0.3, 8.1)	Other	6,090	4.8% (2.0, 7.7)	Other	61	1.3 (0.9, 1.6)
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	1,031	8.1% (3.9, 12.2)	18-29	1,160	7.2% (4.7, 9.8)	0-4	29	0.2 (0.1, 0.3)
5-9	1,183	8.2% (5.7, 10.5)	30-44	3,483	7.2% (5.7, 8.8)	5-9	29	0.2 (0.2, 0.3)
10-14	1,360	7.2% (5.4, 9.2)	45-64	7,053	7.9% (6.8, 8.9)	10-14	---	---
15-17	986	5.8% (3.5, 8.5)	65+	6,090	7.1% (6.1, 8.1)	15-34	130	0.3 (0.2, 0.3)
						35-64	610	1.0 (0.9, 1.1)
						65+	699	4.2 (3.9, 4.5)



# Texas

### Age-Adjusted Asthma Hospitalization Rates<sup>4#</sup> (per 10,000 persons), Texas, 2010



#### Data Sources:

1. 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
2. 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
3. Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
4. Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File.

#### Notes:

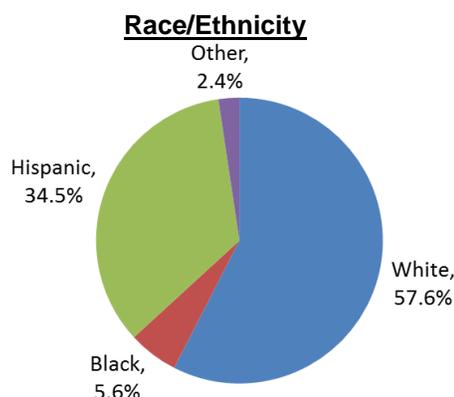
- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
- Indicates less than 20 reported deaths.
- \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
- # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
- \*\* Indicates less than 12 hospitalizations.

See last page of document for detailed data source information.



## Texas Public Health Region 1

### Demography of Texas Health Service Region 1<sup>1</sup>, 2010



### Demographics

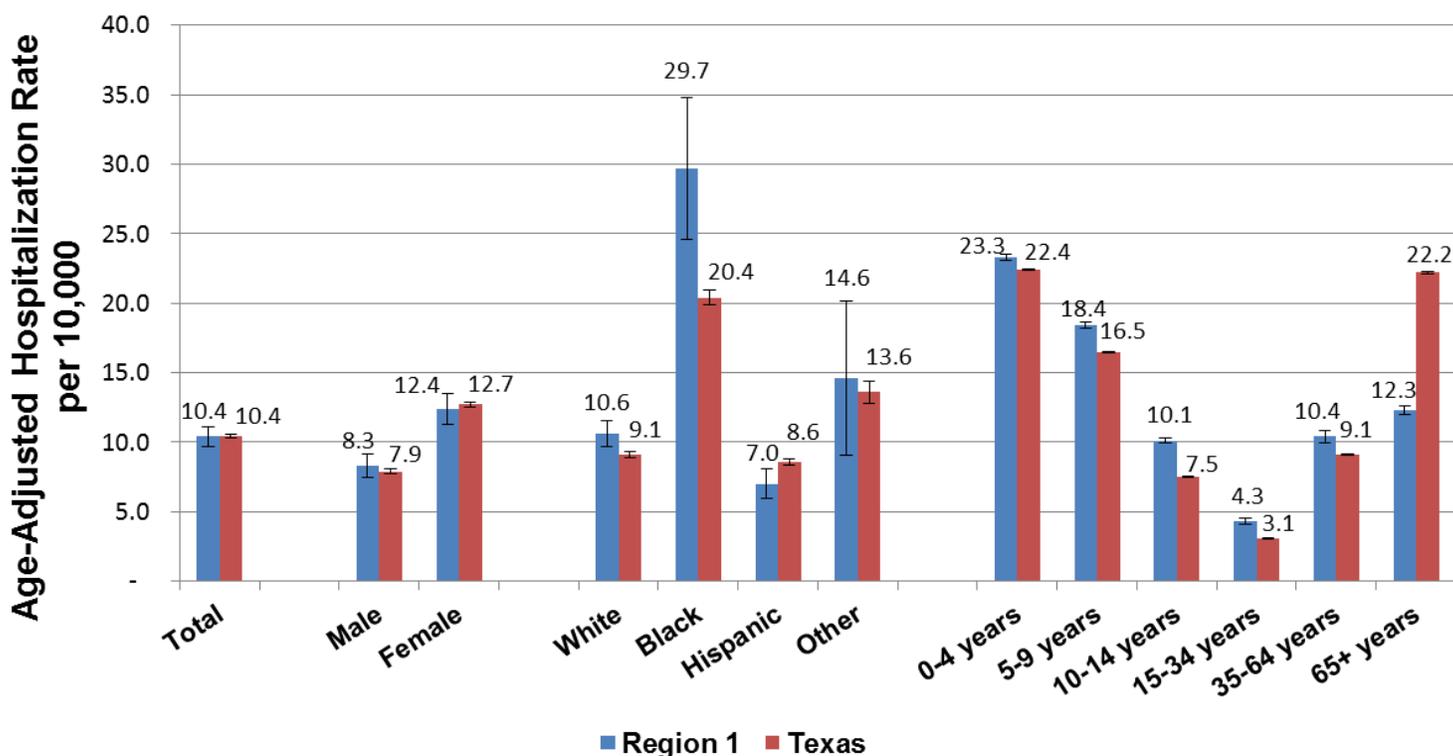
Age (years)	Total	Percent	Male	Female
0-4	64,069	7.6%	32,749	31,320
5-9	62,120	7.4%	31,481	30,639
10-14	59,318	7.1%	30,353	28,965
15-17	35,464	4.2%	18,281	17,183
18-29	163,553	19.5%	85,607	77,946
30-44	152,789	18.2%	78,898	73,891
45-64	199,159	23.7%	99,994	99,165
65+	103,114	12.3%	44,757	58,357
<b>Total</b>	<b>839,586</b>	<b>100.0%</b>	<b>422,120</b>	<b>417,466</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
	Region 1 (95% CI)	Texas		Region 1 (95% CI)	Texas		Region 1 (95% CI)	Texas
<b>Total</b>	8.4% (2.8, 14.0)	7.6%	<b>Total</b>	10.5% (8.7, 14.7)	7.4%	<b>Total</b>	1.3 (1.0, 1.6)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	10.2 (0.6, 19.8)	9.1%	Male	6.5% (3.3, 9.6)	5.1%	Male	1.2 (0.8, 1.7)	0.8
Female	6.3 (1.6, 11.1)	6.1%	Female	14.8% (11.0, 18.5)	9.6%	Female	1.4 (1.0, 1.8)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	8.6% (3.2, 14.0)	6.4%	White	11.7% (8.7, 14.7)	7.9%	White	1.2 (0.9, 1.6)	1.0
Black	--	13.8%	Black	11.7% (0.2, 21.6)	10.8%	Black	---	2.3
Hispanic	8.3% (0.0, 17.9)	6.9%	Hispanic	8.0% (2.6, 13.4)	5.8%	Hispanic	---	0.7
Other	--	4.2%	Other	--	4.8%	Other	---	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	--	8.1%	18-29	11.9% (5.8, 17.9)	7.2%	0-4	---	0.2
5-9	--	8.2%	30-44	8.1% (3.6, 12.6)	7.2%	5-9	---	0.2
10-14	4.2% (1.6, 6.9)	7.2%	45-64	11.7% (7.2, 16.2)	7.9%	10-14	---	---
15-17	3.8% (0.6, 7.1)	5.8%	65+	12.2% (7.5, 17.0)	7.1%	15-34	---	0.3
						35-64	1.7 (1.1, 2.2)	1.0
						65+	4.5 (2.9, 6.0)	4.2



## Texas Public Health Region 1

### Age-Adjusted Asthma Hospitalization Rates<sup>4</sup> (per 10,000 persons), Texas, 2010



#### Data Sources:

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File.

#### Notes:

- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
- Indicates less than 20 reported deaths.
- \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
- # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
- \*\* Indicates less than 12 hospitalizations.

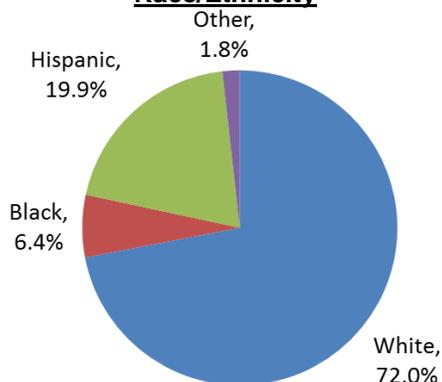
See last page of document for detailed data source information.



## Texas Public Health Region 2

### Demography of Texas Health Service Region 2<sup>1</sup>, 2010

**Race/Ethnicity**



**Demographics**

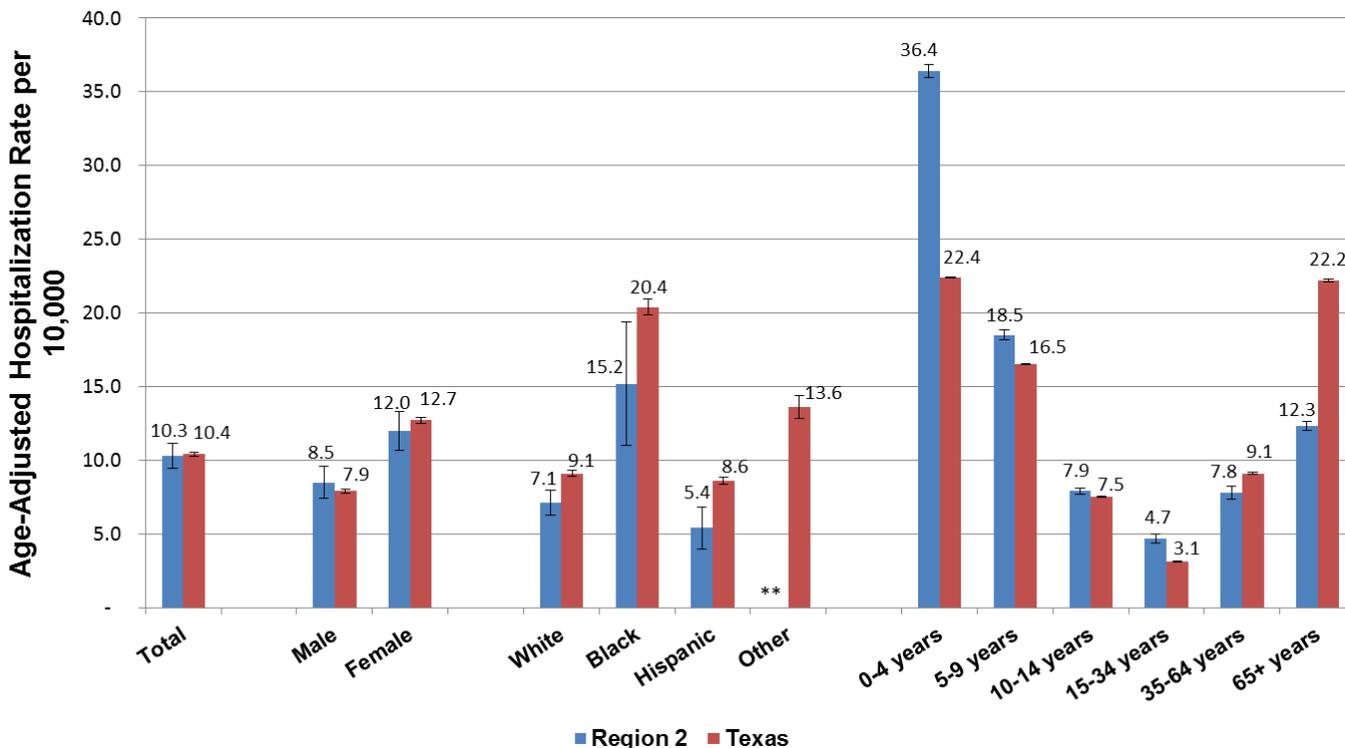
Age (years)	Total	Percent	Male	Female
0-4	36,517	6.6%	18,783	17,734
5-9	35,643	6.5%	18,021	17,622
10-14	35,513	6.5%	18,092	17,421
15-17	21,700	3.9%	11,087	10,613
18-29	97,955	17.8%	53,388	44,567
30-44	95,216	17.3%	50,145	45,071
45-64	141,810	25.8%	71,356	70,454
65+	85,896	15.6%	37,367	48,529
<b>Total</b>	<b>550,250</b>	<b>100.0%</b>	<b>278,239</b>	<b>272,011</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
Region 2 (95%CI)		Texas	Region 2 (95%CI)		Texas	Region 2 (95%CI)		Texas
Total	--	7.6%	Total	10.3% (5.2, 15.4)	7.4%	Total	1.5 (1.1, 1.8)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	--	9.1%	Male	10.4% (0.0, 20.8)	5.1%	Male	1.4 (0.9, 2.0)	0.8
Female	4.7% (0.0, 11.1)	6.1%	Female	10.2% (6.4, 14.2)	9.6%	Female	1.4 (1.0, 1.9)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	1.7% (0.4, 3.1)	6.4%	White	8.3% (5.2, 11.5)	7.9%	White	1.3 (1.0, 1.7)	1.0
Black	--	13.8%	Black	--	10.8%	Black	--	2.3
Hispanic	--	6.9%	Hispanic	--	5.8%	Hispanic	--	0.7
Other	--	4.2%	Other	--	4.8%	Other	--	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	--	8.1%	18-29	--	7.2%	0-4	---	0.2
5-9	4.0% (0.0, 8.1)	8.2%	30-44	4.0% (0.3, 7.7)	7.2%	5-9	---	0.2
10-14	--	7.2%	45-64	12.4% (6.7, 18.0)	7.9%	10-14	---	---
15-17	--	5.8%	65+	9.0% (3.5, 14.6)	7.1%	15-34	---	0.3
						35-64	1.7 (1.0, 2.4)	1.0
						65+	5.5 (3.6, 7.4)	4.2



## Texas Public Health Region 2

### Age-Adjusted Asthma Hospitalization Rates<sup>4</sup> # (per 10,000 persons), Texas, 2010



#### Data Sources:

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File.

#### Notes:

- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
- Indicates less than 20 reported deaths.
- \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
- # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
- \*\* Indicates less than 12 hospitalizations or too small to be statistically valid.

See last page of document for detailed data source information.

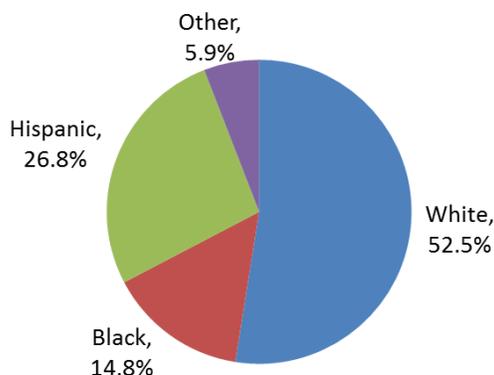




## Texas Public Health Region 3

### Demography of Texas Health Service Region 3<sup>1</sup>, 2010

#### Race/Ethnicity



#### Demographics

Age (years)	Total	Percent	Male	Female
0-4	520,350	7.7%	265,719	254,631
5-9	528,273	7.8%	269,779	258,494
10-14	511,351	7.6%	261,181	250,170
15-17	300,719	4.5%	154,646	146,073
18-29	1,133,604	16.8%	568,799	564,805
30-44	1,490,158	22.1%	736,130	754,028
45-64	1,630,261	24.2%	797,903	832,358
65+	618,463	9.2%	266,311	352,152
<b>Total</b>	<b>6,733,179</b>	<b>100.0%</b>	<b>3,320,468</b>	<b>3,412,711</b>

#### Prevalence of Current Asthma Among Children<sup>2</sup>, Texas, 2010

#### Prevalence of Current Asthma Among Adults, Texas<sup>2</sup>, 2010

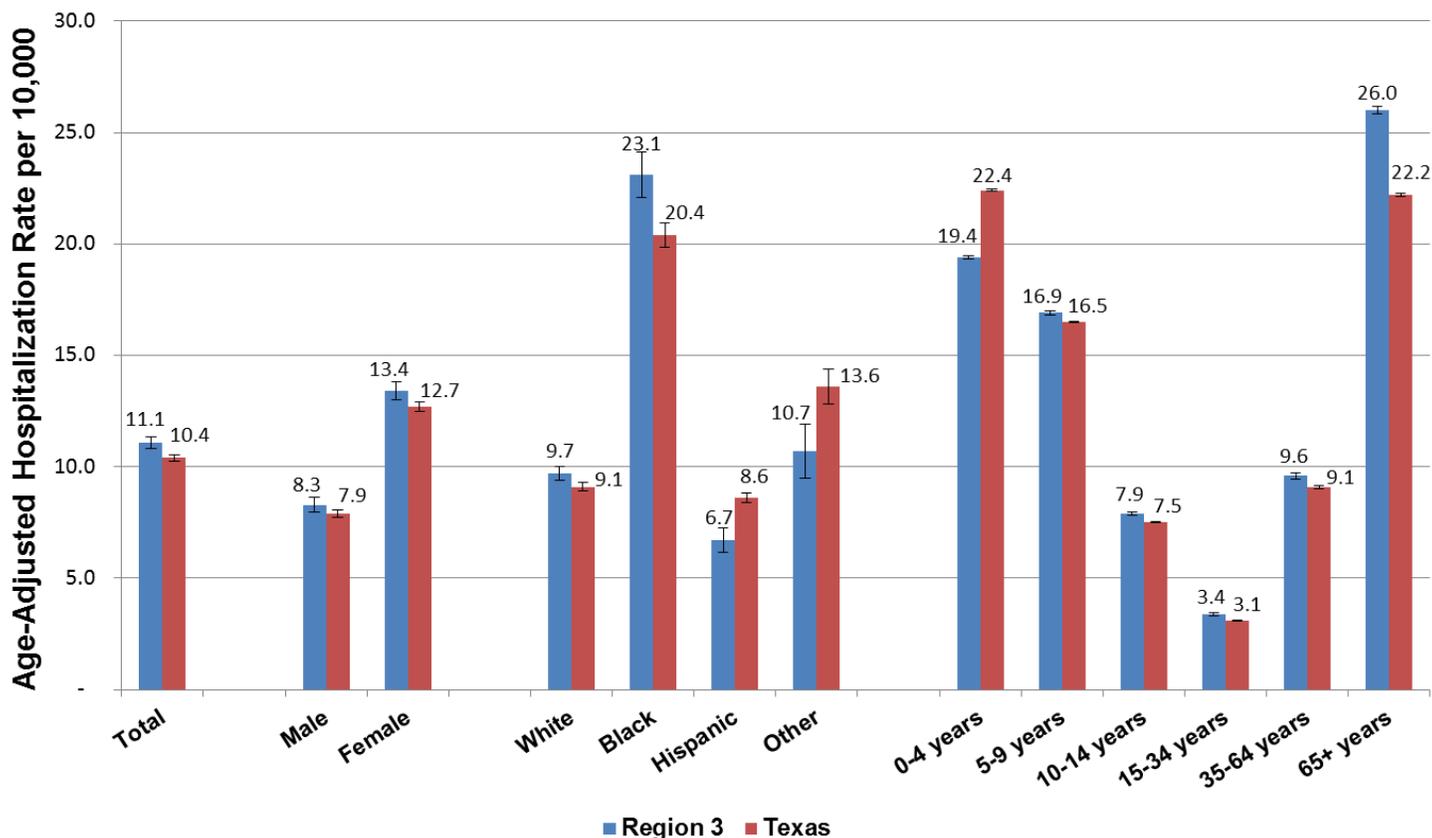
#### Age-Adjusted Asthma Mortality Rates<sup>3\*</sup> (per 100,000 persons), Texas, 2004-2010

	Region 3 (95%CI)		Texas	Region 3 (95%CI)		Texas	Region 3 (95%CI)		Texas
<b>Total</b>	9.2%	(5.8, 12.6)	7.6%	9.0%	(6.7, 11.2)	7.4%	1.1	(1.0, 1.2)	1.0
<b>Gender</b>									
Male	10.7%	(5.5, 16.0)	9.1%	7.8%	(4.4, 11.2)	5.1%	0.8	(0.7, 0.9)	0.8
Female	7.6%	(3.5, 11.7)	6.1%	10.1%	(7.2, 12.9)	9.6%	1.4	(1.2, 1.5)	1.2
<b>Race</b>									
White	8.4%	(4.8, 12.1)	6.4%	8.1%	(5.9, 10.3)	7.9%	1.0	(0.9, 1.2)	1.0
Black	11.8%	(2.0, 21.7)	13.8%	12.5%	(4.3, 20.7)	10.8%	2.3	(1.9, 2.8)	2.3
Hispanic	7.8%	(1.8, 13.7)	6.9%	12.6%	(4.0, 21.2)	5.8%	0.6	(0.4, 0.8)	0.7
Other	--	--	4.2%	--	--	4.8%	1.4	(0.8, 2.1)	1.3
<b>Age Group (years)</b>									
0-4	7.8%	(0.0, 16.5)	8.1%	18-29	10.4%	(2.7, 18.0)	7.2%	---	0.2
5-9	9.4%	(3.5, 15.3)	8.2%	30-44	9.4%	(5.2, 13.7)	7.2%	---	0.2
10-14	8.7%	(3.9, 13.4)	7.2%	45-64	8.5%	(5.9, 11.2)	7.9%	---	---
15-17	8.8%	(1.0, 16.6)	5.8%	65+	7.5%	(5.0, 10.0)	7.1%	0.3	(0.2, 0.4)
								1.1	(0.9, 1.2)
								4.4	(3.7, 5.1)
									4.2



### Texas Public Health Region 3

Age-Adjusted Asthma Hospitalization Rates<sup>4#</sup> (per 10,000 persons), Texas, 2010



**Data Sources:**

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

**Notes:**

- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
- Indicates less than 20 reported deaths.
- \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
- # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
- \*\* Indicates less than 12 hospitalizations.

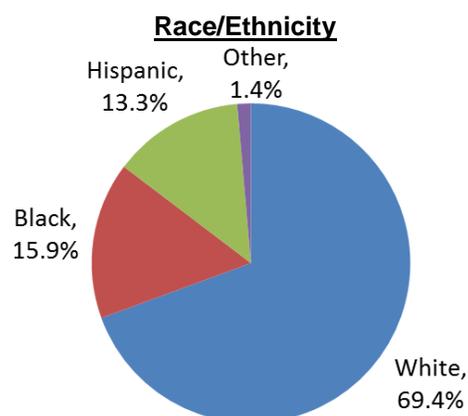
See last page of document for detailed data source information.





## Texas Public Health Region 4

### Demography of Texas Health Service Region 4<sup>1</sup>, 2010



**Demographics**

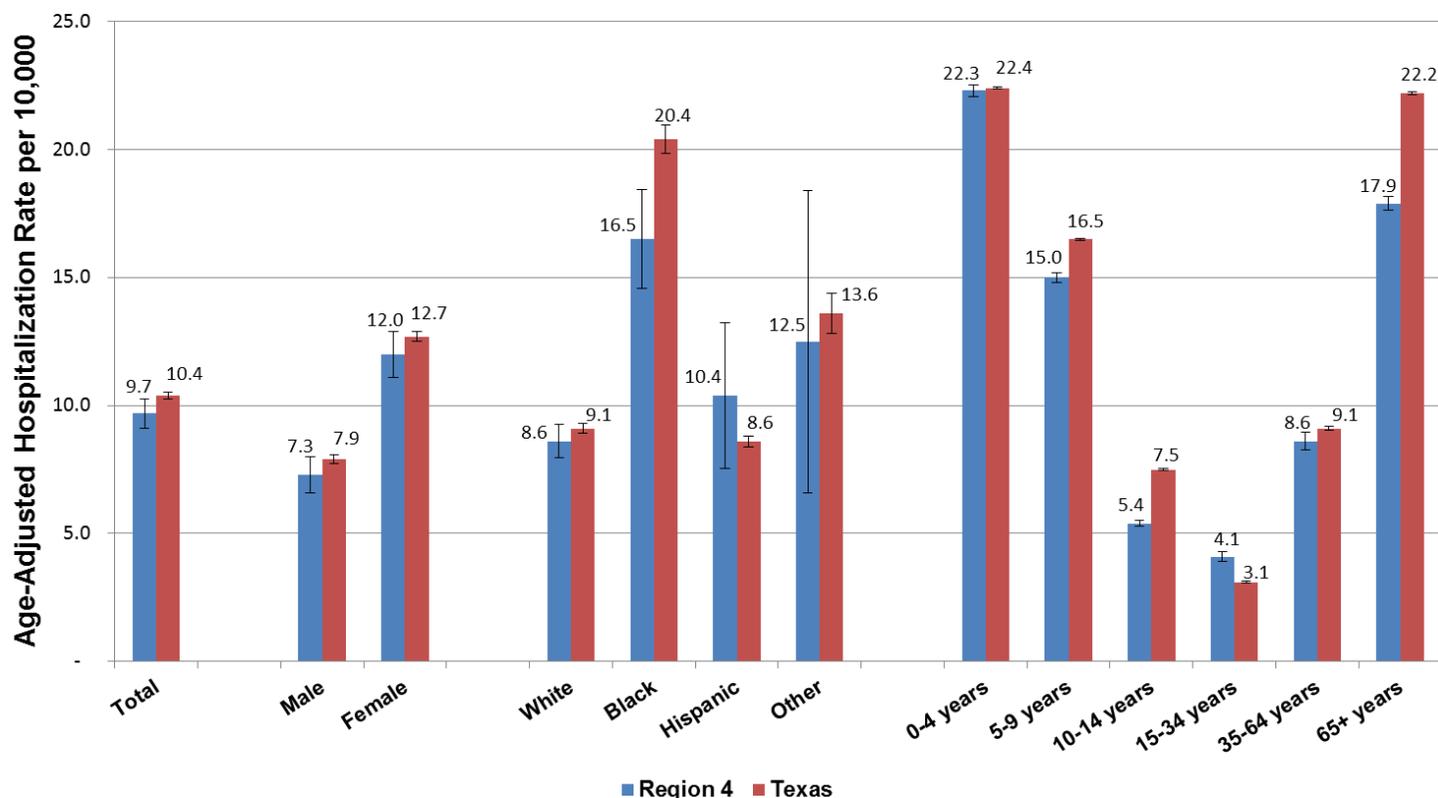
Age (years)	Total	Percent	Male	Female
0-4	73,843	6.6%	37,875	35,968
5-9	75,105	6.8%	38,492	36,613
10-14	75,696	6.8%	38,850	36,846
15-17	46,556	4.2%	24,186	22,370
18-29	168,669	15.2%	87,323	81,346
30-44	203,548	18.3%	105,048	98,500
45-64	295,185	26.6%	146,630	148,555
65+	173,094	15.6%	76,383	96,711
<b>Total</b>	<b>1,111,696</b>	<b>100.0%</b>	<b>554,787</b>	<b>556,909</b>

	Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010		Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010		Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010			
	Region 4 (95% CI)	Texas	Region 4 (95% CI)	Texas	Region 4 (95% CI)	Texas		
<b>Total</b>	4.5% (1.6, 7.3)	7.6%	9.6% (6.0, 13.2)	7.4%	1.0 (0.8, 1.2)	1.0		
<b>Gender</b>								
Male	3.9% (0.9, 7.0)	9.1%	6.3% (1.0, 11.6)	5.1%	0.8 (0.5, 1.1)	0.8		
Female	5.1% (0.0, 10.2)	6.1%	13.2% (8.0, 17.8)	9.6%	1.1 (0.8, 1.4)	1.2		
<b>Race</b>								
White	2.5% (0.0, 5.0)	6.4%	8.6% (5.5, 11.7)	7.9%	0.8 (0.6, 1.0)	1.0		
Black	--	13.8%	--	10.8%	2.2 (1.3, 3.0)	2.3		
Hispanic	--	6.9%	--	5.8%	--	0.7		
Other	--	4.2%	--	4.8%	--	1.3		
<b>Age Group (years)</b>								
0-4	--	8.1%	18-29	--	7.2%	0-4	--	0.2
5-9	6.7% (0.2, 13.3)	8.2%	30-44	10.2% (2.4, 18.6)	7.2%	5-9	--	0.2
10-14	5.5% (0.8, 10.2)	7.2%	45-64	9.6% (5.9, 13.3)	7.9%	10-14	--	--
15-17	--	5.8%	65+	7.2% (3.1, 11.2)	7.1%	15-34	--	0.3
						35-64	1.4 (1.0, 1.8)	1.0
						65+	2.5 (1.6, 3.4)	4.2



## Texas Public Health Region 4

### Age-Adjusted Asthma Hospitalization Rates<sup>4#</sup> (per 10,000 persons), Texas, 2010



#### Data Sources:

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

#### Notes:

- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
- Indicates less than 20 reported deaths.
- \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
- # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
- \*\* Indicates less than 12 hospitalizations.

See last page of document for detailed data source information.

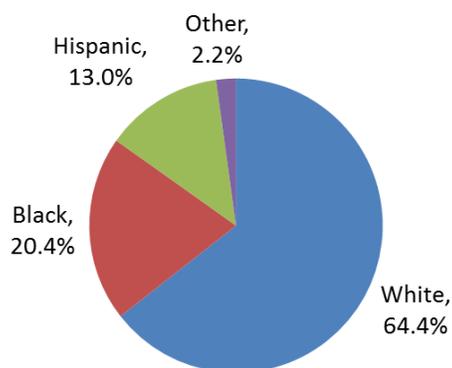




## Texas Public Health Region 5

### Demography of Texas Health Service Region 5<sup>1</sup>, 2010

#### Race/Ethnicity



#### Demographics

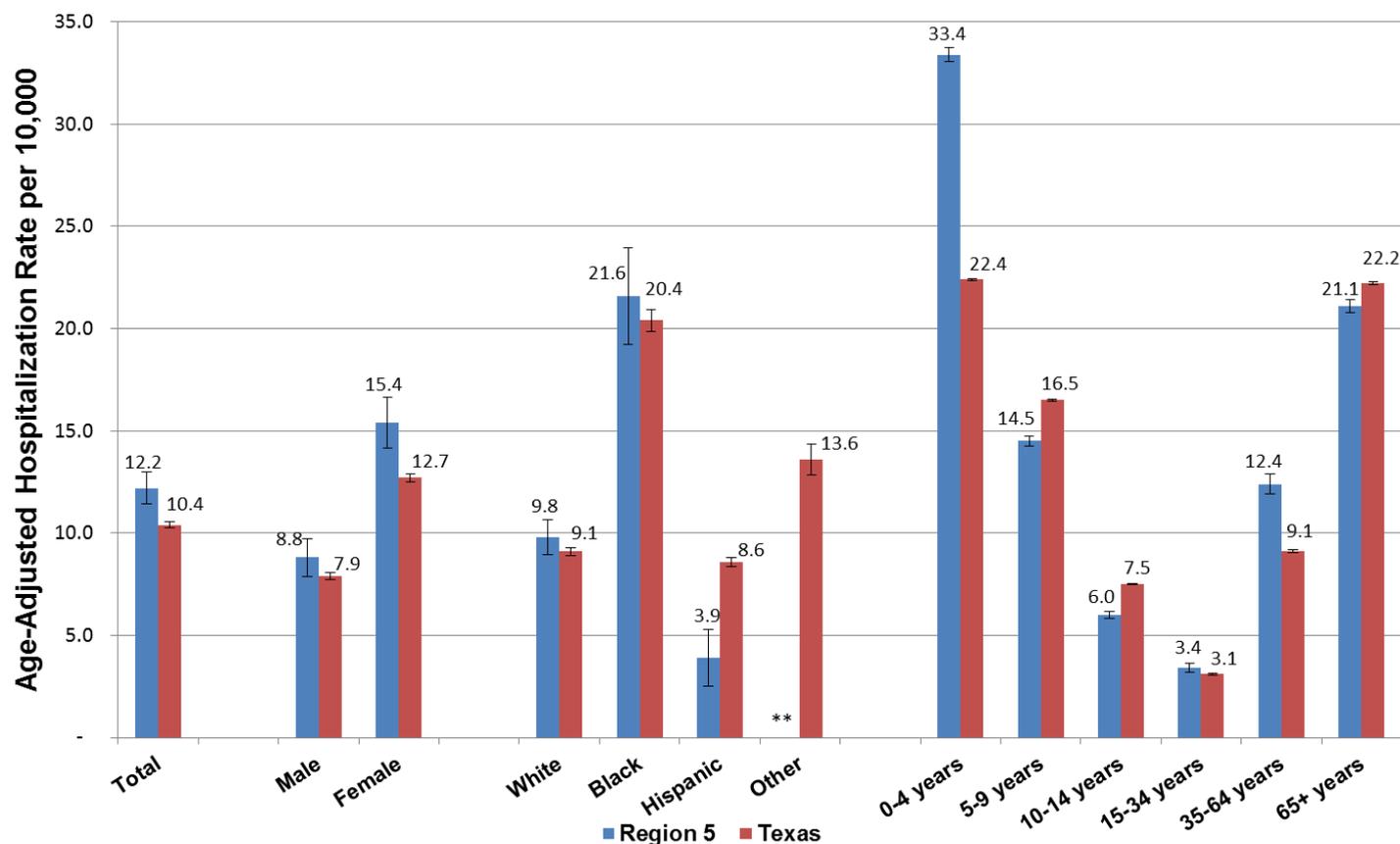
Age (years)	Total	Percent	Male	Female
0-4	50,904	6.6%	26,008	24,896
5-9	50,180	6.5%	25,841	24,339
10-14	51,281	6.7%	25,998	25,283
15-17	32,100	4.2%	16,686	15,414
18-29	126,131	16.4%	65,539	60,592
30-44	140,084	18.3%	73,583	66,501
45-64	203,832	26.6%	102,442	101,390
65+	112,710	14.7%	50,147	62,563
<b>Total</b>	<b>767,222</b>	<b>100.0%</b>	<b>386,244</b>	<b>380,978</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
Region 5 (95% CI)		Texas	Region 5 (95% CI)		Texas	Region 5 (95% CI)		Texas
Total	--	7.6%	Total	9.2% (4.3, 14.2)	7.4%	Total	1.1 (0.8, 1.4)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	--	9.1%	Male	4.3% (0.6, 8.1)	5.1%	Male	0.7 (0.4, 1.1)	0.8
Female	--	6.1%	Female	14.4% (5.5, 23.3)	9.6%	Female	1.4 (1.0, 1.8)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	--	6.4%	White	10.4% (5.5, 15.3)	7.9%	White	0.8 (0.6, 1.1)	1.0
Black	--	13.8%	Black	--	10.8%	Black	2.1 (1.2, 3.0)	2.3
Hispanic	--	6.9%	Hispanic	--	5.8%	Hispanic	--	0.7
Other	--	4.2%	Other	--	4.8%	Other	--	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	--	8.1%	18-29	--	7.2%	0-4	--	0.2
5-9	--	8.2%	30-44	7.4% (0.0, 14.8)	7.2%	5-9	--	0.2
10-14	--	7.2%	45-64	9.4% (4.6, 14.2)	7.9%	10-14	--	--
15-17	--	5.8%	65+	7.0% (2.3, 11.7)	7.1%	15-34	--	0.3
						35-64	1.0 (0.6, 1.4)	1.0
						65+	4.3 (2.8, 5.7)	4.2



## Texas Public Health Region 5

Age-Adjusted Asthma Hospitalization Rates<sup>4</sup> # (per 10,000), Texas, 2010



**Data Sources:**

1. 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
2. 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
3. Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
4. Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

- Notes:**
- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
  - Indicates less than 20 reported deaths.
  - \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
  - # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
  - \*\* Indicates less than 12 hospitalizations or too small to be statistically valid.

See last page of document for detailed data source information.

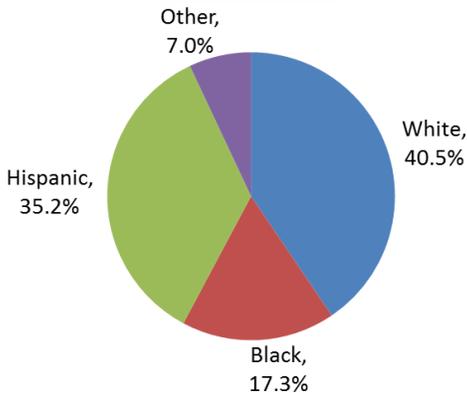




## Texas Public Health Region 6

### Demography of Texas Health Service Region 6<sup>1</sup>, 2010

#### Race/Ethnicity



#### Demographics

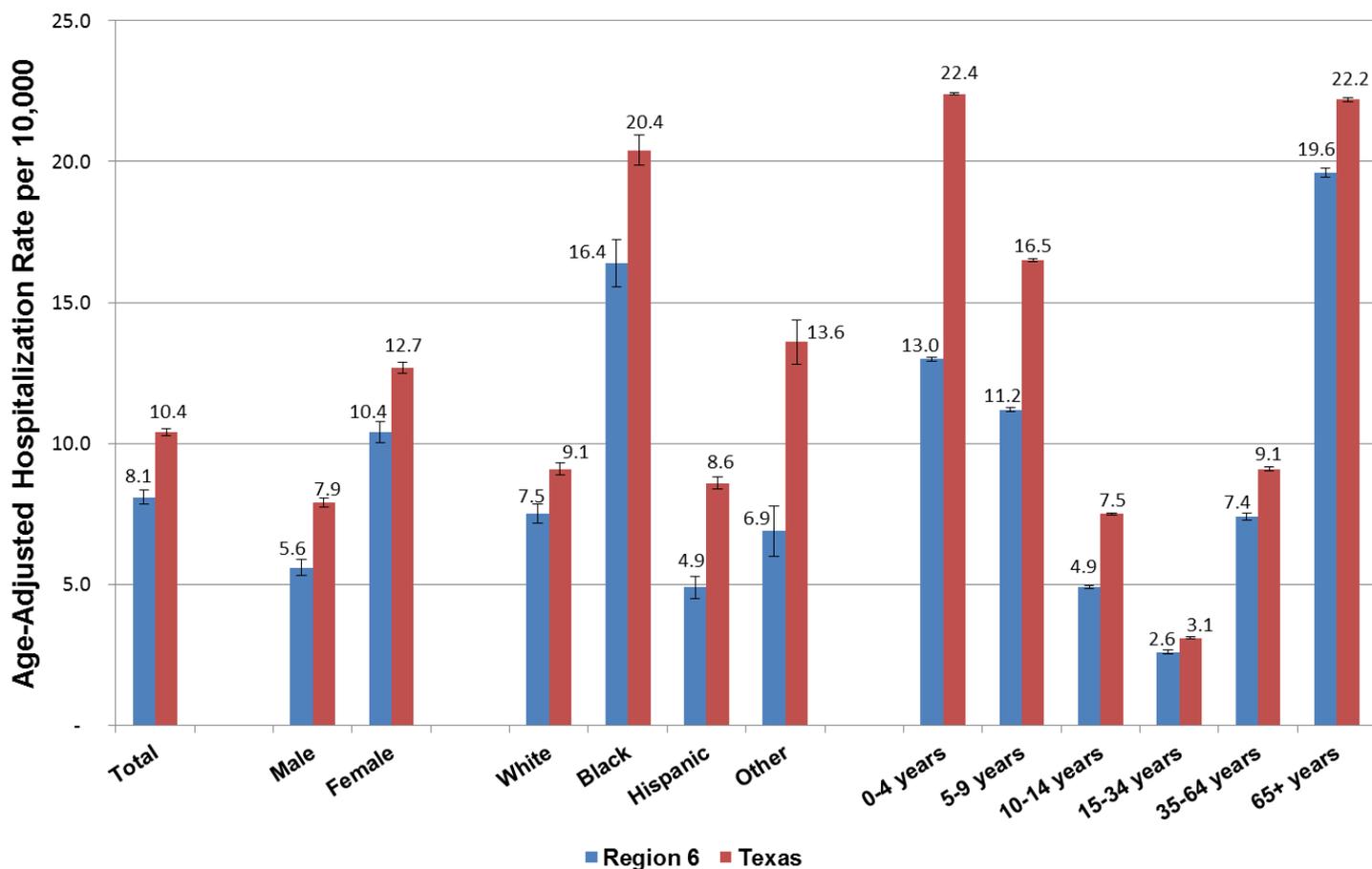
Age (years)	Total	Percent	Male	Female
0-4	480,760	7.9%	245,232	235,528
5-9	472,941	7.8%	241,611	231,330
10-14	460,887	7.6%	235,756	225,131
15-17	278,405	4.6%	143,113	135,292
18-29	1,054,213	17.3%	539,067	515,146
30-44	1,330,007	21.8%	665,290	664,717
45-64	1,480,644	24.3%	731,451	749,193
65+	529,276	8.7%	231,725	297,551
<b>Total</b>	<b>6,087,133</b>	<b>100.0%</b>	<b>3,033,245</b>	<b>3,053,888</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
	Region 6 (95%CI)	Texas		Region 6 (95%CI)	Texas		Region 6 (95%CI)	Texas
<b>Total</b>	4.0% (2.3, 5.7)	7.6%	<b>Total</b>	5.0% (3.9, 6.0)	7.4%	<b>Total</b>	0.9 (0.8, 1.0)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	4.9% (2.1, 7.8)	9.1%	Male	2.9% (1.7, 4.2)	5.1%	Male	0.7 (0.5, 0.8)	0.8
Female	3.0% (1.2, 4.8)	6.1%	Female	7.0% (5.4, 8.6)	9.6%	Female	1.1 (0.9, 1.2)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	3.3% (1.3, 5.3)	6.4%	White	6.6% (5.0, 8.2)	7.9%	White	0.8 (0.7, 0.9)	1.0
Black	5.6% (1.6, 9.6)	13.8%	Black	6.6% (3.2, 9.9)	10.8%	Black	1.9 (1.6, 2.3)	2.3
Hispanic	4.4% (1.0, 7.6)	6.9%	Hispanic	1.6% (0.4, 2.8)	5.8%	Hispanic	0.4 (0.2, 0.5)	0.7
Other	--	4.2%	Other	2.2% (0.2, 4.1)	4.8%	Other	1.3 (0.8, 1.8)	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	3.9% (0.0, 8.1)	8.1%	18-29	3.4% (0.3, 6.5)	7.2%	0-4	---	0.2
5-9	5.8% (2.3, 9.3)	8.2%	30-44	4.1% (2.3, 5.8)	7.2%	5-9	---	0.2
10-14	2.4% (0.5, 4.3)	7.2%	45-64	6.5% (4.8, 8.2)	7.9%	10-14	---	---
15-17	3.2% (0.0, 6.7)	5.8%	65+	5.8% (3.9, 7.7)	7.1%	15-34	0.3 (0.2, 0.4)	0.3
						35-64	0.7 (0.6, 0.8)	1.0
						65+	3.9 (3.2, 4.6)	4.2



## Texas Public Health Region 6

Age-Adjusted Asthma Hospitalization Rates<sup>4#</sup> (per 10,000 persons), Texas, 2010



**Data Sources:**

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

- Notes:**
- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
  - Indicates less than 20 reported deaths.
  - \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
  - # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
  - \*\* Indicates less than 12 hospitalizations.

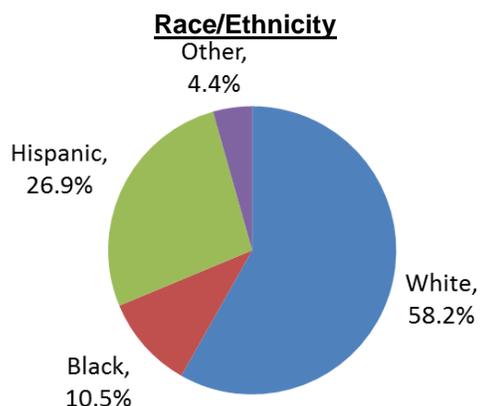
See last page of document for detailed data source information.





## Texas Public Health Region 7

### Demography of Texas Health Service Region 7<sup>1</sup>, 2010



**Demographics**

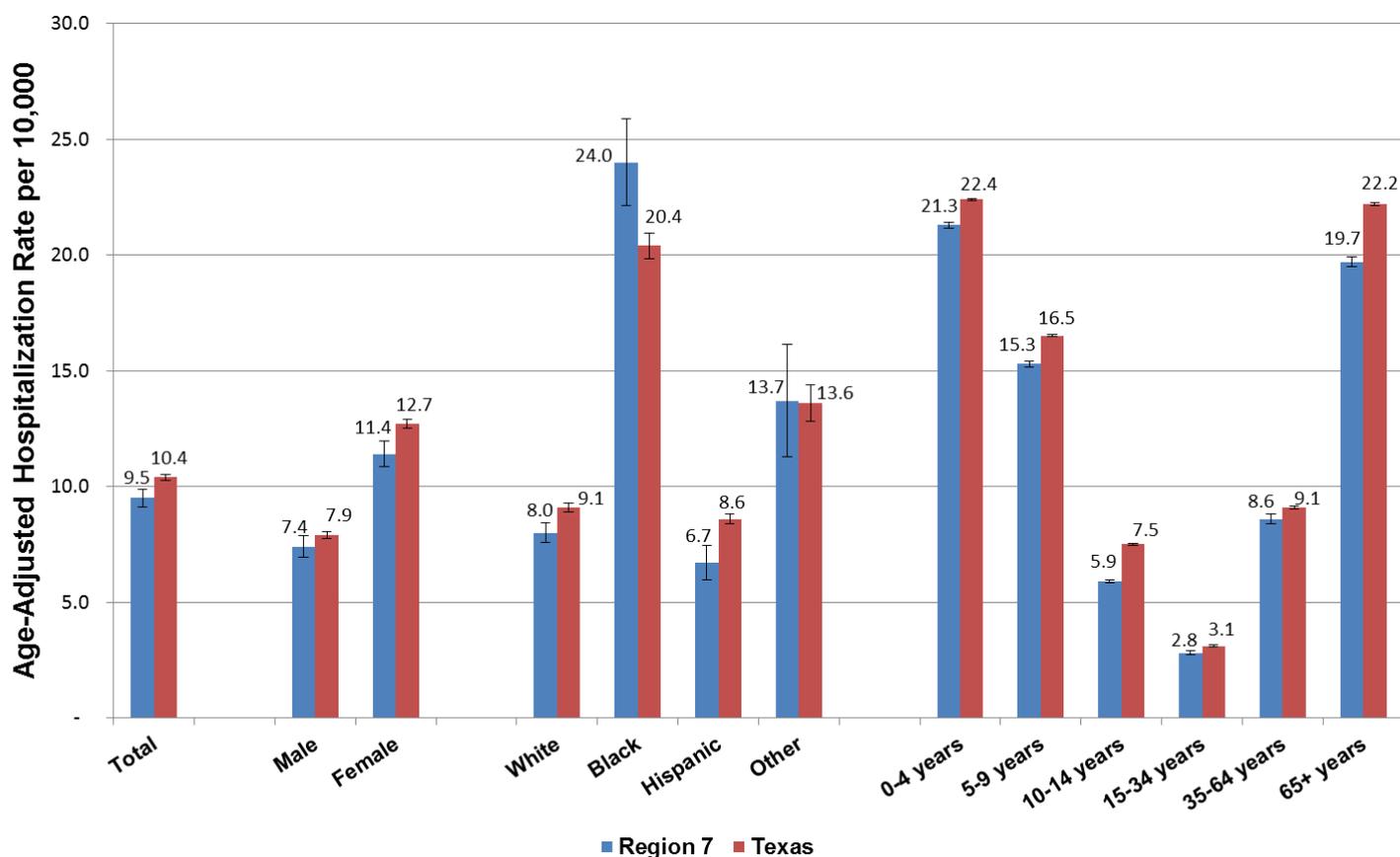
Age (years)	Total	Percent	Male	Female
0-4	216,896	7.4%	110,672	106,224
5-9	209,575	7.1%	106,939	102,636
10-14	197,264	6.7%	101,663	95,601
15-17	115,706	3.9%	59,658	56,048
18-29	616,231	20.9%	315,598	300,633
30-44	623,938	21.2%	316,213	307,725
45-64	677,061	23.0%	333,095	343,966
65+	291,693	9.9%	128,836	162,857
<b>Total</b>	<b>2,948,364</b>	<b>100.0%</b>	<b>1,472,674</b>	<b>1,475,690</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
	Region 7 (95% CI)	Texas		Region 7 (95% CI)	Texas		Region 7 (95% CI)	Texas
<b>Total</b>	9.8% (3.3, 16.3)	7.6%	<b>Total</b>	8.0% (5.8, 10.2)	7.4%	<b>Total</b>	1.2 (1.0, 1.3)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	9.7% (3.6, 15.8)	9.1%	Male	4.4% (2.0, 6.8)	5.1%	Male	0.8 (0.6, 1.0)	0.8
Female	--	6.1%	Female	11.7% (8.0, 15.3)	9.6%	Female	1.4 (1.2, 1.7)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	4.8% (1.4, 8.3)	6.4%	White	8.5% (5.9, 11.0)	7.9%	White	1.1 (0.9, 1.3)	1.0
Black	--	13.8%	Black	--	10.8%	Black	2.2 (1.5, 2.9)	2.3
Hispanic	6.4% (0.0, 13.3)	6.9%	Hispanic	4.0% (0.0, 8.0)	5.8%	Hispanic	---	0.7
Other	--	4.2%	Other	--	4.8%	Other	---	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	--	8.1%	18-29	5.7% (0.0, 11.4)	7.2%	0-4	---	0.2
5-9	3.8% (0.3, 7.3)	8.2%	30-44	8.8% (4.5, 13.1)	7.2%	5-9	---	0.2
10-14	10.1% (2.2, 17.9)	7.2%	45-64	8.5% (5.2, 11.8)	7.9%	10-14	---	---
15-17	4.8% (0.0, 10.5)	5.8%	65+	7.1% (4.1, 10.2)	7.1%	15-34	---	0.3
						35-64	1.0 (0.7, 1.2)	1.0
						65+	5.4 (4.3, 6.5)	4.2



## Texas Public Health Region 7

Age-Adjusted Asthma Hospitalization Rates<sup>4</sup># (per 10,000 persons), Texas, 2010



### Data Sources:

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

### Notes:

- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
- Indicates less than 20 reported deaths.
- \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 US Census population. Asthma rates by age group cannot be age-adjusted.
- # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 US Census population. Asthma rates by age group cannot be age-adjusted.
- \*\* Indicates less than 12 hospitalizations.

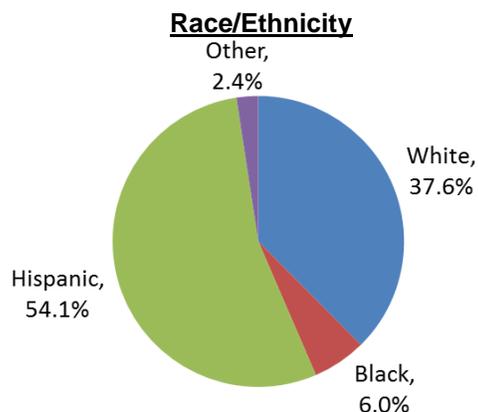
See last page of document for detailed data source information.





## Texas Public Health Region 8

### Demography of Texas Health Service Region 8<sup>1</sup>, 2010



**Demographics**

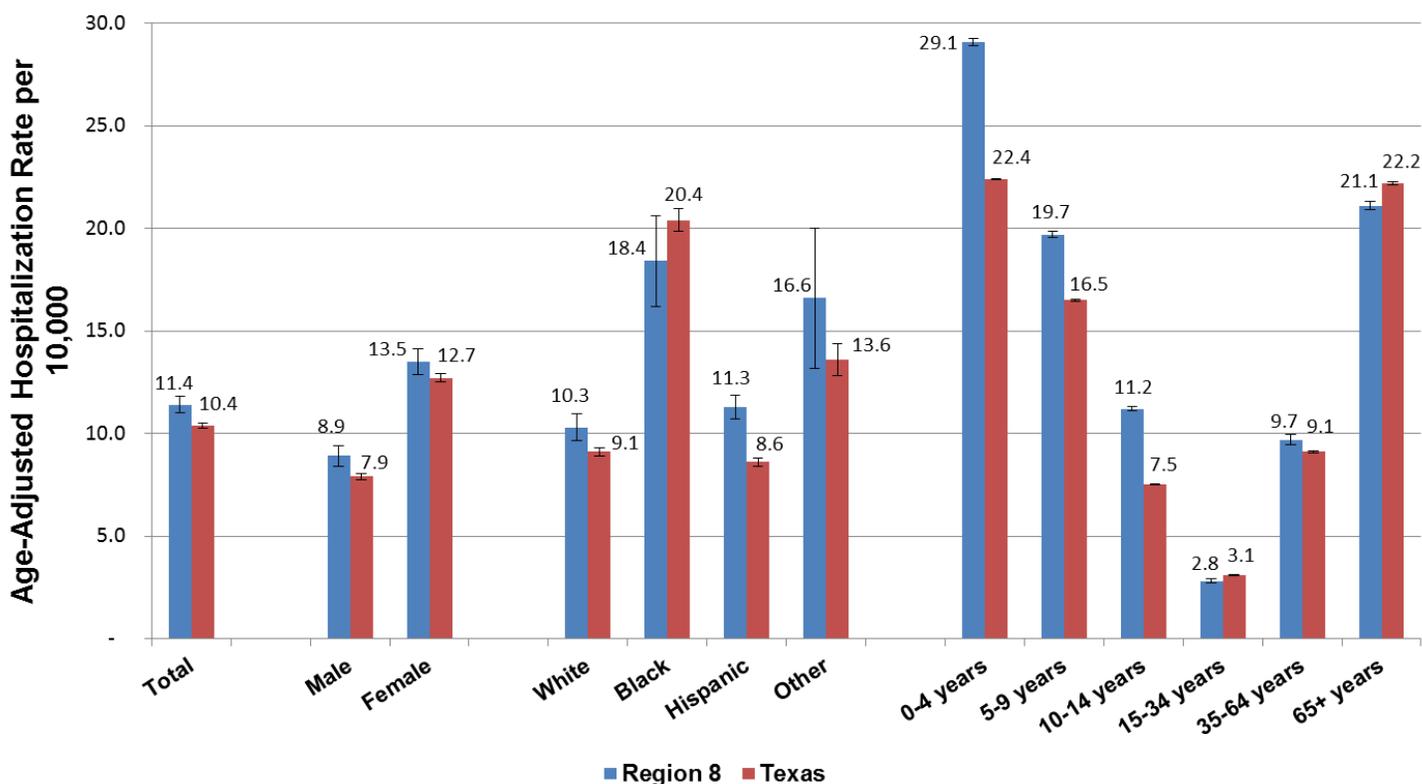
Age (years)	Total	Percent	Male	Female
0-4	190,080	7.3%	97,081	92,999
5-9	193,938	7.4%	98,488	95,450
10-14	194,785	7.5%	99,802	94,983
15-17	117,903	4.5%	60,350	57,553
18-29	447,566	17.2%	230,900	216,666
30-44	510,616	19.6%	252,807	257,809
45-64	640,925	24.6%	309,501	331,424
65+	308,834	11.9%	135,208	173,626
<b>Total</b>	<b>2,604,647</b>	<b>100.0%</b>	<b>1,284,137</b>	<b>1,320,510</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
	Region 8 (95% CI)	Texas		Region 8 (95% CI)	Texas		Region 8 (95% CI)	Texas
<b>Total</b>	11.2% (7.3, 14.9)	7.6%	<b>Total</b>	6.8% (4.7, 8.8)	7.4%	<b>Total</b>	1.0 (0.8, 1.1)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	12.1% (6.4, 17.8)	9.1%	Male	5.9% (2.1, 9.6)	5.1%	Male	0.8 (0.6, 1.0)	0.8
Female	10.1% (5.0, 15.2)	6.1%	Female	7.6% (5.5, 9.7)	9.6%	Female	1.1 (0.9, 1.3)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	11.9% (5.4, 18.4)	6.4%	White	6.1% (4.3, 8.0)	7.9%	White	1.1 (0.8, 1.3)	1.0
Black	--	13.8%	Black	8.4% (1.1, 16.0)	10.8%	Black	2.4 (1.4, 3.4)	2.3
Hispanic	10.1% (5.3, 14.9)	6.9%	Hispanic	7.9% (3.0, 8.6)	5.8%	Hispanic	0.7 (0.5, 0.9)	0.7
Other	--	4.2%	Other	--	4.8%	Other	---	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	10.0% (0.8, 18.8)	8.1%	18-29	2.3% (0.0, 4.9)	7.2%	0-4	---	0.2
5-9	10.0% (3.8, 16.3)	8.2%	30-44	8.2% (3.2, 13.2)	7.2%	5-9	---	0.2
10-14	11.3% (3.4, 19.2)	7.2%	45-64	7.9% (5.3, 10.5)	7.9%	10-14	---	---
15-17	11.4% (2.6, 20.2)	5.8%	65+	6.0% (3.7, 8.4)	7.1%	15-34	---	0.3
						35-64	1.0 (0.7, 1.2)	1.0
						65+	3.9 (3.1, 4.8)	4.2



## Texas Public Health Region 8

Age-Adjusted Asthma Hospitalization Rates<sup>4</sup># (per 10,000 persons), Texas, 2010



**Data Sources:**

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

- Notes:**
- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
  - Indicates less than 20 reported deaths.
  - \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 US Census population. Asthma rates by age group cannot be age-adjusted.
  - # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 US Census population. Asthma rates by age group cannot be age-adjusted.
  - \*\* Indicates less than 12 hospitalizations.

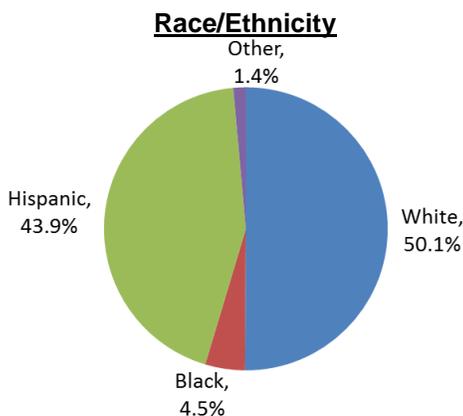
See last page of document for detailed data source information.





## Texas Public Health Region 9

### Demography of Texas Health Service Region 9<sup>1</sup>, 2010



**Demographics**

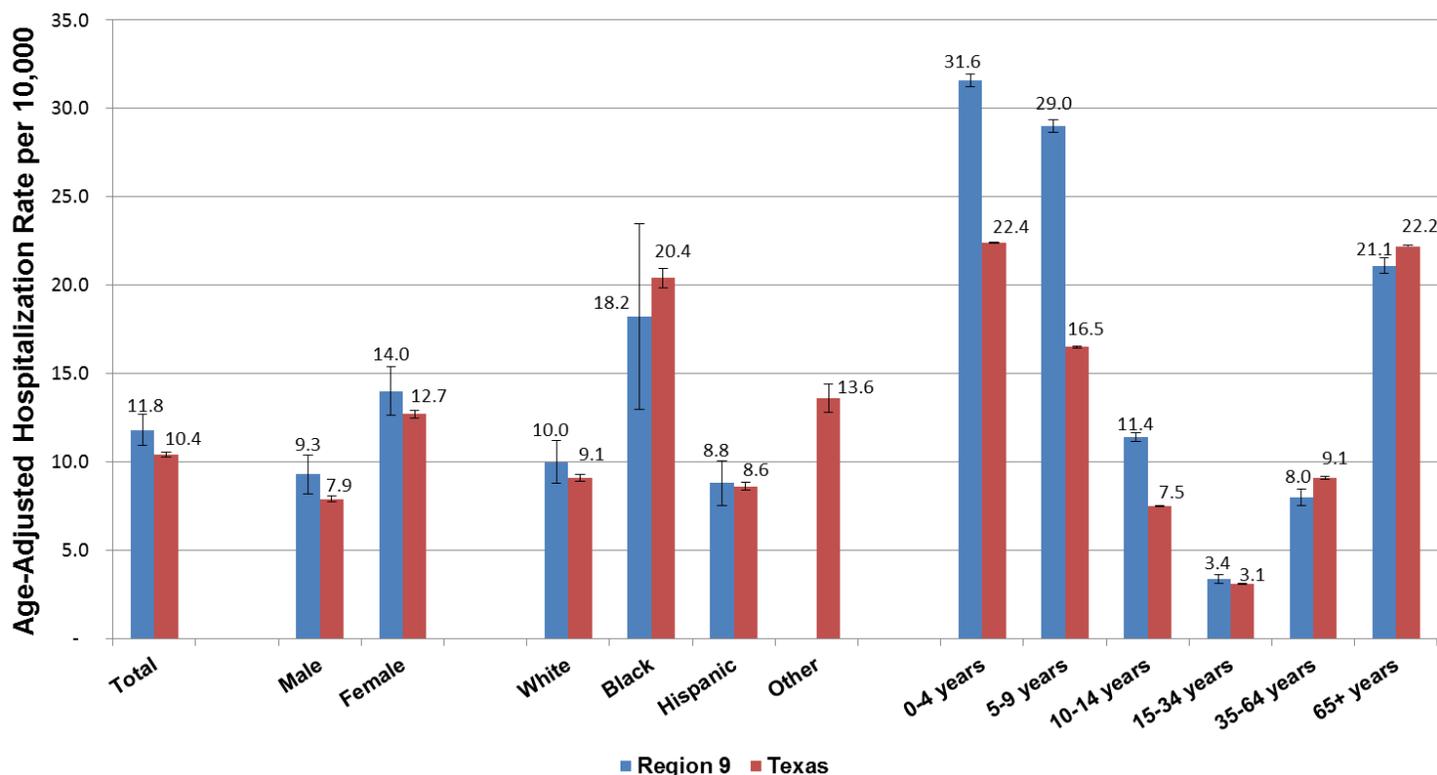
Age (years)	Total	Percent	Male	Female
0-4	44,666	7.8%	22,891	21,775
5-9	42,136	7.4%	21,585	20,551
10-14	40,305	7.0%	20,675	19,630
15-17	24,663	4.3%	12,536	12,127
18-29	103,558	18.1%	54,348	49,210
30-44	103,899	18.2%	53,890	50,009
45-64	142,462	24.9%	71,953	70,509
65+	70,182	12.3%	30,806	39,376
<b>Total</b>	<b>571,871</b>	<b>100.0%</b>	<b>288,684</b>	<b>283,187</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
	Region 9 (95% CI)	Texas		Region 9 (95% CI)	Texas		Region 9 (95% CI)	Texas
Total	13.6% (6.4, 20.8)	7.6%	Total	11.7% (6.9, 16.5)	7.4%	Total	1.4 (1.0, 1.7)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	--	9.1%	Male	5.5% (2.3, 8.7)	5.1%	Male	---	0.8
Female	12.1% (4.7, 19.4)	6.1%	Female	17.0% (9.0, 24.9)	9.6%	Female	1.7(1.1, 2.2)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	--	6.4%	White	11.1% (7.4, 14.8)	7.9%	White	1.2 (0.8, 1.6)	1.0
Black	--	13.8%	Black	--	10.8%	Black	---	2.3
Hispanic	7.1% (1.4, 12.7)	6.9%	Hispanic	--	5.8%	Hispanic	---	0.7
Other	--	4.2%	Other	--	4.8%	Other	---	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	5.6% (0.0, 11.3)	8.1%	18-29	--	7.2%	0-4	---	0.2
5-9	11.7% (3.8, 19.6)	8.2%	30-44	9.7% (3.2, 16.3)	7.2%	5-9	---	0.2
10-14	--	7.2%	45-64	8.5% (5.4, 11.6)	7.9%	10-14	---	---
15-17	--	5.8%	65+	10.3% (5.0, 15.6)	7.1%	15-34	---	0.3
						35-64	---	1.0
						65+	6.5 (4.2, 8.7)	4.2



## Texas Public Health Region 9

Age-Adjusted Asthma Hospitalization Rates<sup>4#</sup> (per 10,000 persons), Texas, 2010



### Data Sources:

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

### Notes:

- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
- Indicates less than 20 reported deaths.
- \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
- # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
- \*\* Indicates less than 12 hospitalizations.

See last page of document for detailed data source information.

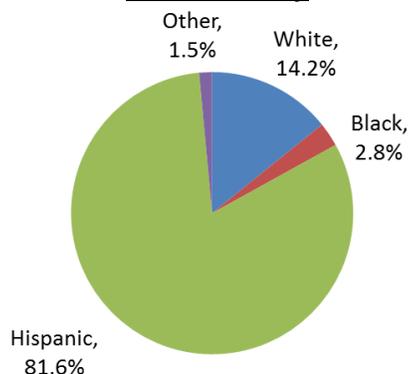




## Texas Public Health Region 10

### Demography of Texas Health Service Region 10<sup>1</sup>, 2010

#### Race/Ethnicity



#### Demographics

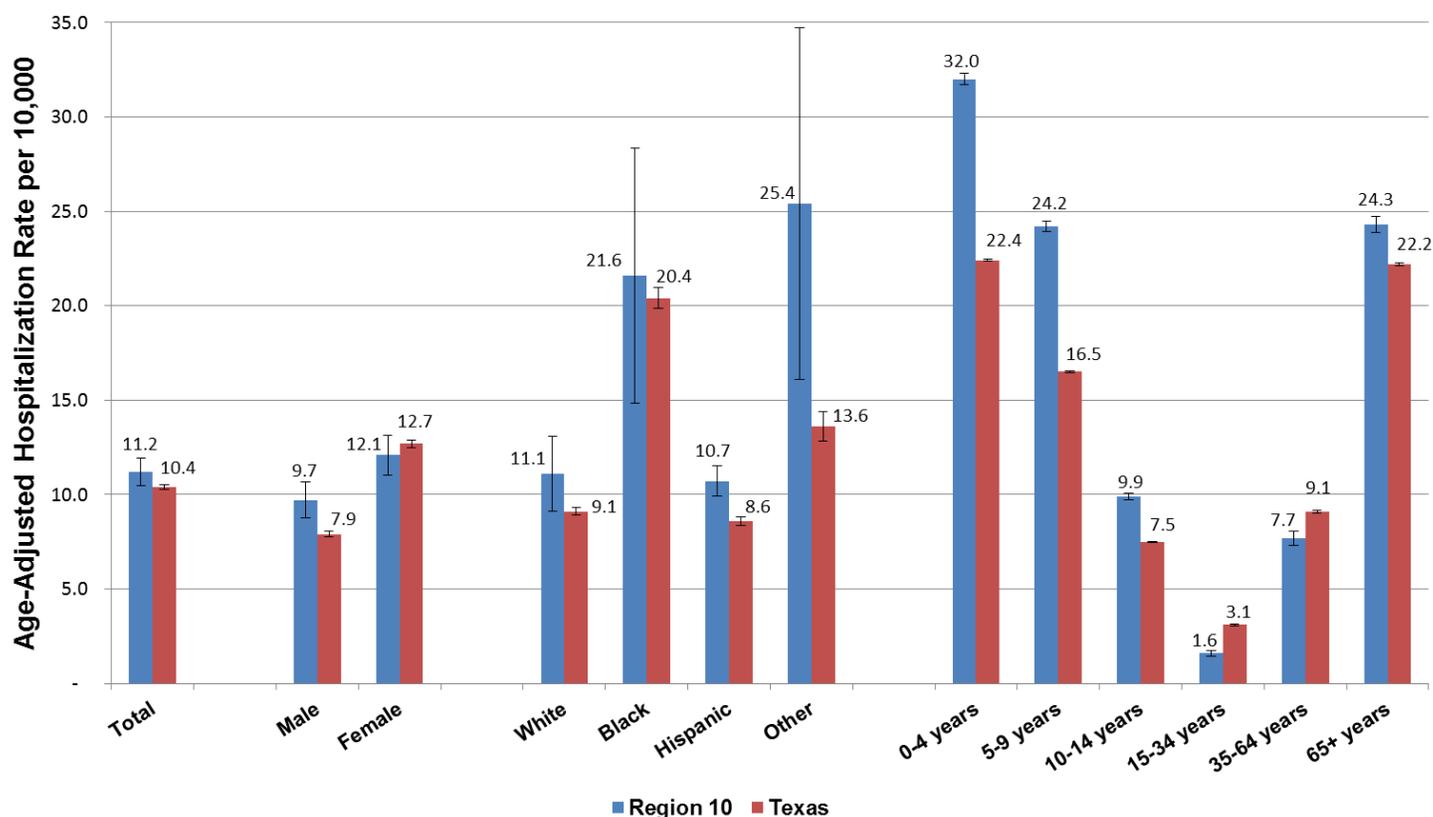
Age (years)	Total	Percent	Male	Female
0-4	66,243	8.0%	33,730	32,513
5-9	67,778	8.2%	34,424	33,354
10-14	69,708	8.4%	35,577	34,131
15-17	43,403	5.3%	22,211	21,192
18-29	149,454	18.1%	76,327	73,127
30-44	159,081	19.3%	75,734	83,347
45-64	183,734	22.2%	86,126	97,608
65+	86,512	10.5%	36,305	50,207
<b>Total</b>	<b>825,913</b>	<b>100.0%</b>	<b>400,434</b>	<b>425,479</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
	Region 10 (95% CI)	Texas		Region 10 (95% CI)	Texas		Region 10 (95% CI)	Texas
Total	7.6% (4.3, 10.8)	7.6%	Total	5.9% (4.1, 7.5)	7.4%	Total	1.1 (0.8, 1.4)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	11.0% (5.5, 16.6)	9.1%	Male	2.5% (1.0, 4.0)	5.1%	Male	---	0.8
Female	4.3% (0.6, 8.0)	6.1%	Female	8.9% (6.0, 11.9)	9.6%	Female	1.3 (0.9, 1.8)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	1.5% (0.2, 2.8)	6.4%	White	8.0% (4.5, 11.6)	7.9%	White	---	1.0
Black	--	13.8%	Black	--	10.8%	Black	---	2.3
Hispanic	8.2% (4.5, 11.8)	6.9%	Hispanic	4.8% (2.8, 6.7)	5.8%	Hispanic	0.9 (0.6, 1.3)	0.7
Other	--	4.2%	Other	--	4.8%	Other	---	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	--	8.1%	18-29	5.3% (0.7, 9.9)	7.2%	0-4	---	0.2
5-9	7.5% (0.0, 15.2)	8.2%	30-44	3.2% (0.9, 5.5)	7.2%	5-9	---	0.2
10-14	11.9% (4.1, 19.6)	7.2%	45-64	8.3% (4.9, 11.8)	7.9%	10-14	---	---
15-17	4.7% (0.2, 9.2)	5.8%	65+	7.1% (3.5, 10.7)	7.1%	15-34	---	0.3
						35-64	---	1.0
						65+	5.7 (3.7, 7.7)	4.2



## Texas Public Health Region 10

Age-Adjusted Asthma Hospitalization Rates<sup>4</sup># (per 10,000 persons), Texas, 2010



**Data Sources:**

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

- Notes:**
- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
  - Indicates less than 20 reported deaths.
  - \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
  - # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
  - \*\* Indicates less than 12 hospitalizations.

See last page of document for detailed data source information.

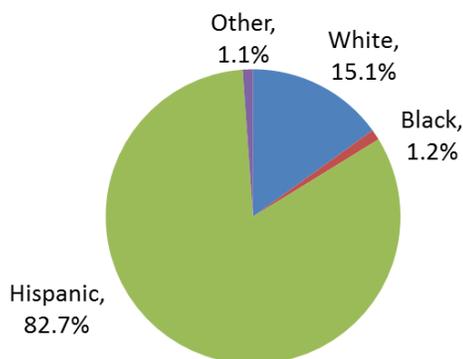




## Texas Public Health Region 11

### Demography of Texas Health Service Region 11<sup>1</sup>, 2010

#### Race/Ethnicity



#### Demographics

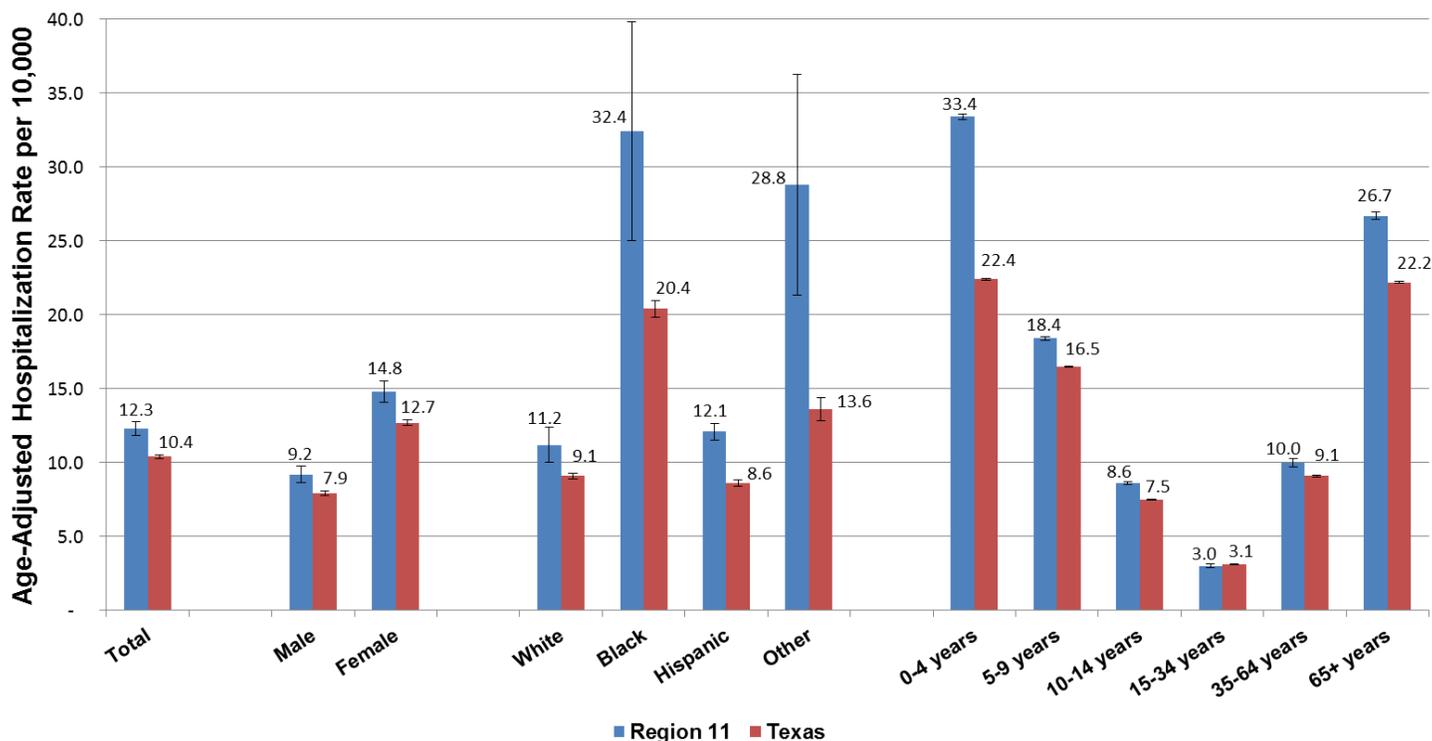
Age (years)	Total	Percent	Male	Female
0-4	184,145	8.7%	93,409	90,736
5-9	190,545	9.0%	97,153	93,392
10-14	185,775	8.8%	94,919	90,856
15-17	110,615	5.3%	56,666	53,949
18-29	365,074	17.3%	183,689	181,385
30-44	409,480	19.4%	198,153	211,327
45-64	437,954	20.8%	209,440	228,514
65+	222,112	7.5%	97,819	124,293
<b>Total</b>	<b>2,105,700</b>	<b>100.0%</b>	<b>1,031,248</b>	<b>1,074,452</b>

Prevalence of Current Asthma Among Children <sup>2</sup> , Texas, 2010			Prevalence of Current Asthma Among Adults, Texas <sup>2</sup> , 2010			Age-Adjusted Asthma Mortality Rates <sup>3*</sup> (per 100,000 persons), Texas, 2004-2010		
	Region 11 (95% CI)	Texas		Region 11 (95% CI)	Texas		Region 11 (95% CI)	Texas
<b>Total</b>	4.9% (2.8, 7.0)	7.6%	<b>Total</b>	4.2% (3.0, 5.3)	7.4%	<b>Total</b>	0.7 (0.5, 0.8)	1.0
<b>Gender</b>			<b>Gender</b>			<b>Gender</b>		
Male	6.0% (2.5, 9.5)	9.1%	Male	2.2% (0.8, 3.7)	5.1%	Male	0.6 (0.4, 0.8)	0.8
Female	4.0% (1.5, 6.4)	6.1%	Female	6.1% (4.4, 7.9)	9.6%	Female	0.7 (0.5, 0.9)	1.2
<b>Race</b>			<b>Race</b>			<b>Race</b>		
White	5.0% (0.0, 11.9)	6.4%	White	5.6% (2.9, 8.3)	7.9%	White	---	1.0
Black	--	13.8%	Black	--	10.8%	Black	---	2.3
Hispanic	5.0% (2.7, 7.2)	6.9%	Hispanic	3.8% (2.5, 5.1)	5.8%	Hispanic	0.7 (0.5, 0.9)	0.7
Other	--	4.2%	Other	--	4.8%	Other	---	1.3
<b>Age Group (years)</b>			<b>Age Group (years)</b>			<b>Age Group (years)</b>		
0-4	--	8.1%	18-29	2.8% (0.0, 5.8)	7.2%	0-4	---	0.2
5-9	7.9% (2.3, 13.4)	8.2%	30-44	4.7% (2.3, 7.1)	7.2%	5-9	---	0.2
10-14	9.5% (4.0, 14.9)	7.2%	45-64	4.0% (2.3, 5.7)	7.9%	10-14	---	---
15-17	2.0% (0.3, 3.6)	5.8%	65+	5.2% (3.1, 7.3)	7.1%	15-34	---	0.3
						35-64	0.6 (0.4, 0.8)	1.0
						65+	2.8 (1.9, 3.6)	4.2



# Texas Public Health Region 11

Age-Adjusted Asthma Hospitalization Rates<sup>4</sup># (per 10,000 persons), Texas, 2010



**Data Sources:**

- 2010 Texas census data, Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- 2010 Texas Behavioral Risk Factor Surveillance System (BRFSS) Texas Center for Health Statistics (CHS), Texas Department of State Health Services.
- Vital Statistics Unit (VSU), Texas Center for Health Statistics (CHS), Texas Department of State Health Services 2004-2010.
- Texas Health Care Information Collection, 2010 Inpatient Hospital Discharge Public Use Data File. Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis.

**Notes:**

- Indicates sample size less than 50 respondents and/or too small to be statistically valid.
- Indicates less than 20 reported deaths.
- \* Asthma (ICD-10 Code J-45 or J-46) is underlying cause of death. Total asthma mortality rates and rates by gender and race/ethnicity are age-adjusted to the 2000 Census population. Asthma rates by age group cannot be age-adjusted.
- # Hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis. Total asthma rates and rates by gender and race are age-adjusted to the 2000 census population. Asthma rates by age group cannot be age-adjusted.
- \*\* Indicates less than 12 hospitalizations.

See last page of document for detailed data source information.



# About Texas Asthma Surveillance Data

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Asthma is a widespread public health problem which has increased in the past two decades in Texas and the United States. Asthma affects more children than any other chronic disease and is one of the most frequent reasons for hospital admissions among children. Asthma has a major impact on the health of the population and the burden falls disproportionately on some populations.

Monitoring trends in asthma morbidity and mortality among Texans is important for increasing the level of knowledge about this prevalent condition. Surveillance data help public health officials focus their efforts to address asthma by targeting those most in need of intervention. Data also raise awareness about the affect of asthma on the health of the community. This fact sheet identifies particular communities and demographic groups at risk for developing life threatening episodes of asthma.

Asthma Health Facts are available for download on the Texas Asthma Control Program website:

<http://www.dshs.state.tx.us/asthma/default.shtm>

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## Data Sources:

### 1 - Demographics

The population data presented here are based on 2010 U.S. Census counts which are collected every 10 years by the U.S. Census Bureau. Population data were obtained from the Texas Center for Health Statistics (CHS) Texas Department of State Health Services. Census data provide counts of the total population of counties and places in Texas by age, sex, and race/ethnicity.

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### 2 - Prevalence

The Texas Behavioral Risk Factor Surveillance System (BRFSS) data were analyzed to estimate the asthma prevalence among Texas children (<18 years) and adults (≥18 years). The BRFSS is a population-based, random-digit dialed telephone survey of civilian, non-institutionalized adults, aged 18 years and older. The survey is coordinated by the Centers for Disease Control and Prevention (CDC) and is conducted annually by all 50 US states, three territories, and the District of Columbia. The BRFSS covers a wide range of health behaviors and status indicators. Beginning in 1999, the BRFSS has included questions related to asthma. Childhood asthma questions were added in 2001, with a wording change in 2005. For the childhood questions, the adult who is surveyed answers for the child. All estimates presented in this report are based on the 2010 Texas BRFSS Survey. The data are weighted to more accurately reflect the population by accounting for age, gender, and probability of selection. These estimates are derived from self reported interviews and may underestimate the true asthma prevalence among Texas adults and children because they reflect only cases of asthma that have been diagnosed by a health care professional. The data presented in this report are for current asthma prevalence only. Respondents were asked:

Adult Lifetime Prevalence: "Have you ever been told by a doctor, nurse, or other health professional that you had asthma?"

Adult Current Prevalence: "Do you still have asthma?"

Childhood Lifetime Prevalence: "Has a doctor, nurse, or other health professional ever said that the child has asthma?"

Childhood Current Prevalence: "Does the child still have asthma?"

Current asthma is defined as an affirmative response to both adult or child asthma prevalence questions.

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### 3 - Mortality Rates

Mortality data were obtained from the Texas CHS Vital Statistics Unit (VSU). An asthma death was defined as any death for which asthma was listed as the underlying cause. The Tenth Revision of the International Classification of Diseases (ICD-10) was implemented for years 1999 and onward. Deaths with a diagnosis code of J-45 or J-46 were classified as asthma deaths. Prior to 1999, cause of death was coded according the Ninth Revision of the International Classification of Diseases (ICD-9). Deaths with a diagnosis code of 493.0 to 493.9 were classified as asthma deaths. Mortality data from 1999 and later cannot be directly compared with data from previous years due to this coding change.

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### 4 - Hospitalization Rates

Hospitalization data for asthma are obtained from the Texas Health Care Information Collection, Inpatient Hospital Discharge Public Use Data File. All hospital records listing asthma (ICD-9: 493.0 – 493.9) as the primary diagnosis were selected from the database. Rates were calculated using population data obtained from the Texas CHS SDC.

Hospitalization rates were age-adjusted to the 2000 U.S. population using the direct method to account for different age distributions in the populations being compared. Hospitalizations that were missing information on the age of the patient, as well as hospitalizations for HIV and drug/alcohol use patients, were excluded from the analysis. It is important to remember that hospitalization rates may be underestimates of the true rate of hospitalization for asthma because some Texas hospitals are exempt from reporting. Additionally, because an individual can be hospitalized more than once for the same condition, these data represent the number of asthma hospitalizations, not the number of individuals hospitalized for asthma.