# Dallas County Community Social Health Dashboard
# Parkland Health & Hospital System
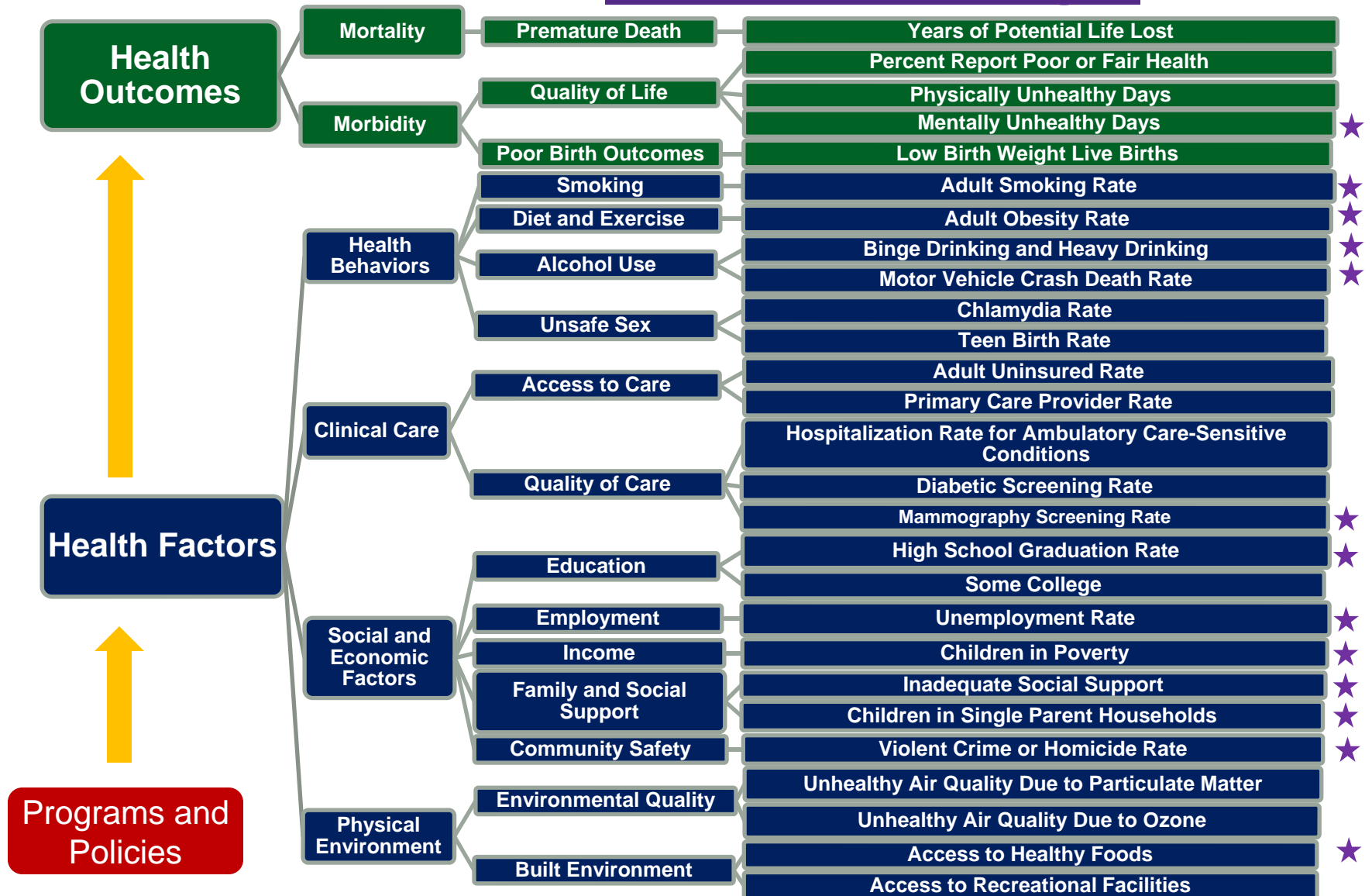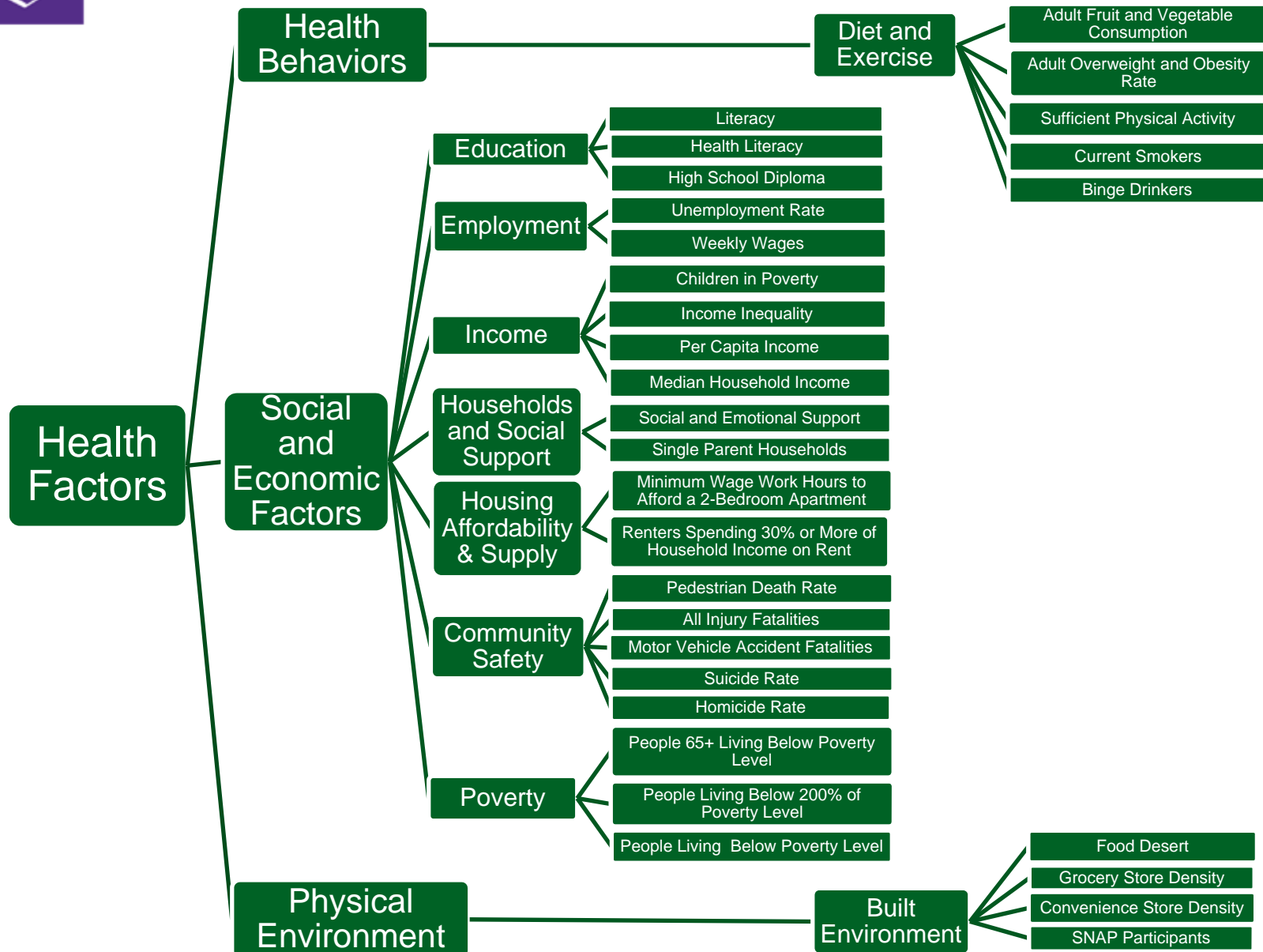
**Measures we have adopted**

# Wisconsin County Health Rankings Model

| | | |
|---|---|---|
| **Health Outcomes** | Mortality → Premature Death | Years of Potential Life Lost |
| | Morbidity → Quality of Life | Percent Report Poor or Fair Health |
| | | Physically Unhealthy Days |
| | | Mentally Unhealthy Days ★ |
| | Poor Birth Outcomes | Low Birth Weight Live Births |

| | | |
|---|---|---|
| **Health Factors** | Health Behaviors → Smoking | Adult Smoking Rate ★ |
| | Diet and Exercise | Adult Obesity Rate ★ |
| | Alcohol Use | Binge Drinking and Heavy Drinking ★ |
| | | Motor Vehicle Crash Death Rate ★ |
| | Unsafe Sex | Chlamydia Rate |
| | | Teen Birth Rate |
| | Clinical Care → Access to Care | Adult Uninsured Rate |
| | | Primary Care Provider Rate |
| | | Hospitalization Rate for Ambulatory Care-Sensitive Conditions |
| | Quality of Care | Diabetic Screening Rate |
| | | Mammography Screening Rate ★ |
| | Social and Economic Factors → Education | High School Graduation Rate ★ |
| | | Some College |
| | Employment | Unemployment Rate ★ |
| | Income | Children in Poverty ★ |
| | Family and Social Support | Inadequate Social Support ★ |
| | | Children in Single Parent Households ★ |
| | Community Safety | Violent Crime or Homicide Rate ★ |
| | Physical Environment → Environmental Quality | Unhealthy Air Quality Due to Particulate Matter |
| | | Unhealthy Air Quality Due to Ozone |
| | Built Environment | Access to Healthy Foods ★ |
| | | Access to Recreational Facilities |

**Programs and Policies**

2

Model for Determining Social/Community Dashboard

Parkland

**Health Factors**

- **Health Behaviors**
  - **Diet and Exercise**
    - Adult Fruit and Vegetable Consumption
    - Adult Overweight and Obesity Rate
    - Sufficient Physical Activity
    - Current Smokers
    - Binge Drinkers

- **Social and Economic Factors**
  - **Education**
    - Literacy
    - Health Literacy
    - High School Diploma
  - **Employment**
    - Unemployment Rate
    - Weekly Wages
  - **Income**
    - Children in Poverty
    - Income Inequality
    - Per Capita Income
    - Median Household Income
  - **Households and Social Support**
    - Social and Emotional Support
    - Single Parent Households
  - **Housing Affordability & Supply**
    - Minimum Wage Work Hours to Afford a 2-Bedroom Apartment
    - Renters Spending 30% or More of Household Income on Rent
  - **Community Safety**
    - Pedestrian Death Rate
    - All Injury Fatalities
    - Motor Vehicle Accident Fatalities
    - Suicide Rate
    - Homicide Rate
  - **Poverty**
    - People 65+ Living Below Poverty Level
    - People Living Below 200% of Poverty Level
    - People Living Below Poverty Level

- **Physical Environment**
  - **Built Environment**
    - Food Desert
    - Grocery Store Density
    - Convenience Store Density
    - SNAP Participants

# Social and Economic Factors

🟢 – Doing better than the benchmark
🟡 – Same as/not significantly different from the benchmark
🔴 – Worse than the benchmark

| Education | | Dallas County Compared to 8 Peer Counties (Quartiles) | Dallas County Compared to Past Years' Data (CI) |
|---|---|:---:|:---:|
| | Literacy Rates | 🔴 | 🟡 |
| | High School Diploma | 🔴 | 🔴 |

# Education:  Literacy rates

**Parkland**

This indicator basis literacy on 6 key indicators:  newspaper circulation, number of book stores, library resources, periodical publishing resources, educational attainment and Internet resources.
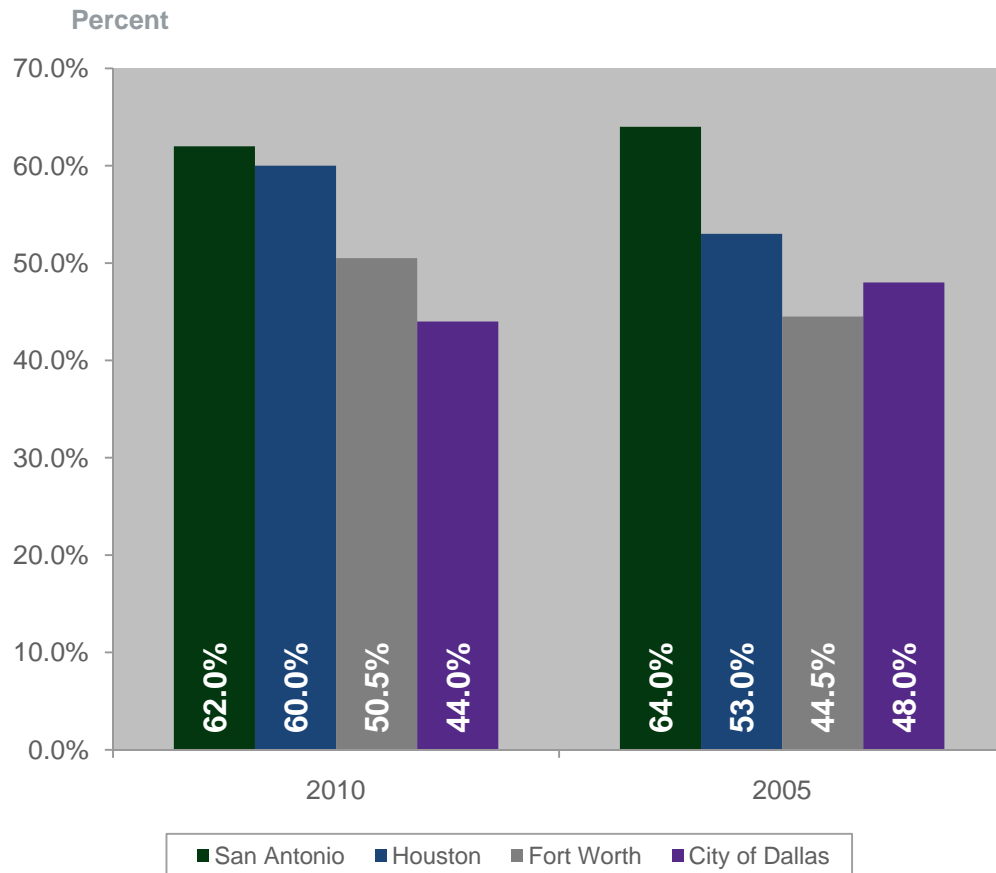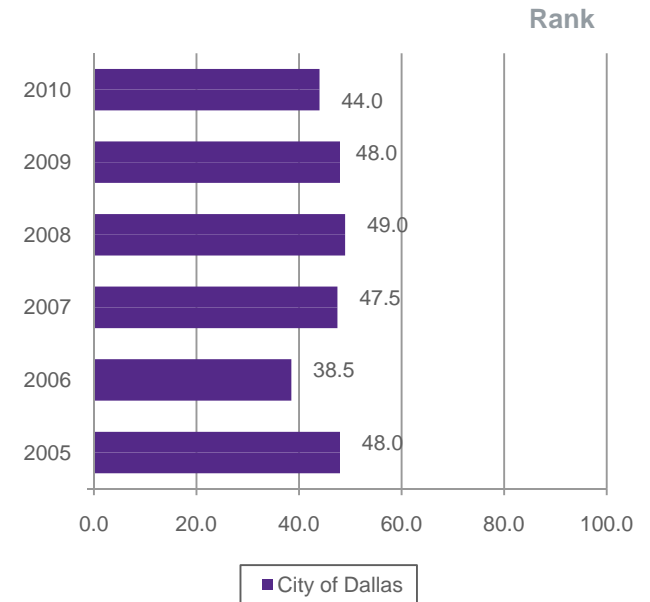
**Percent**

| | 2010 | 2005 |
|---|---|---|
| San Antonio | 62.0% | 64.0% |
| Houston | 60.0% | 53.0% |
| Fort Worth | 50.5% | 44.5% |
| City of Dallas | 44.0% | 48.0% |

■ San Antonio   ■ Houston   ■ Fort Worth   ■ City of Dallas

## City of Dallas Trend 2005 to 2010

**Rank**

| Year | Rank |
|---|---|
| 2010 | 44.0 |
| 2009 | 48.0 |
| 2008 | 49.0 |
| 2007 | 47.5 |
| 2006 | 38.5 |
| 2005 | 48.0 |

■ City of Dallas

5

# Percent of the Population Over the Age of 25 With No High School Diploma, 2006 and 2009

**Parkland**

Other Peer Counties Range

Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook

Percent

**15.3 % – 24.1%**

2009: U.S. 14.7%, Bexar Co. 19.2%, Harris Co. 22.6%, Tarrant Co. 16.9%, Dallas Co. 25.1%, Texas 20.1%

2006: U.S. 15.9%, Bexar Co. 19.6%, Harris Co. 23.5%, Tarrant Co. 16.9%, Dallas Co. 25.5%, Texas 21.2%

Legend: ■ U.S. ■ Bexar Co. ■ Harris Co. ■ Tarrant Co. ■ Dallas Co. ■ Texas
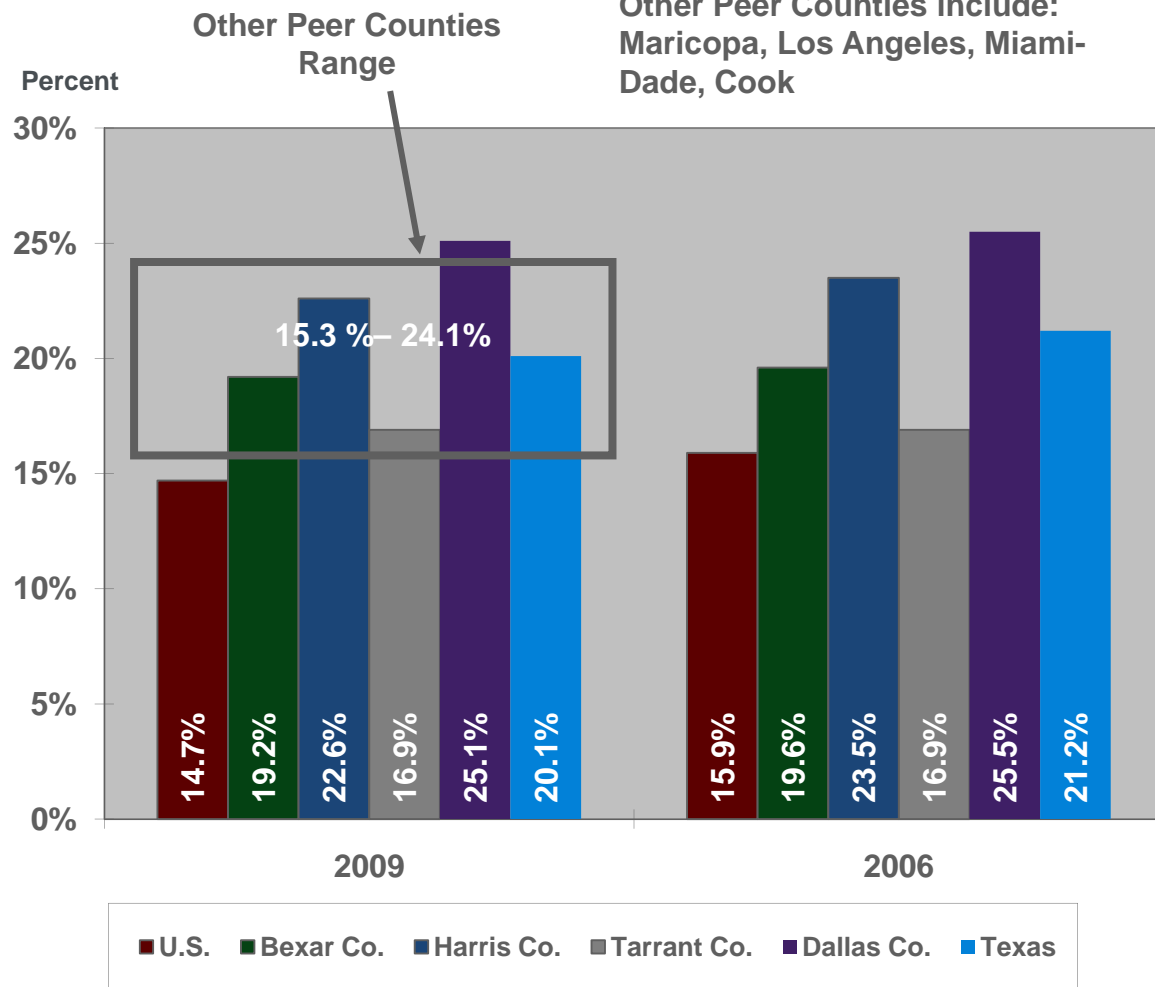
**Dallas County Trend for Those With No High School Diploma, 2006 - 2009**

Percent

- 2009: 25.1%
- 2008: 25.9%
- 2007: 25.5%
- 2006: 25.5%

■ Dallas Co.

Source: American Community Survey, 2006, 2007, 2008 and 2009

6
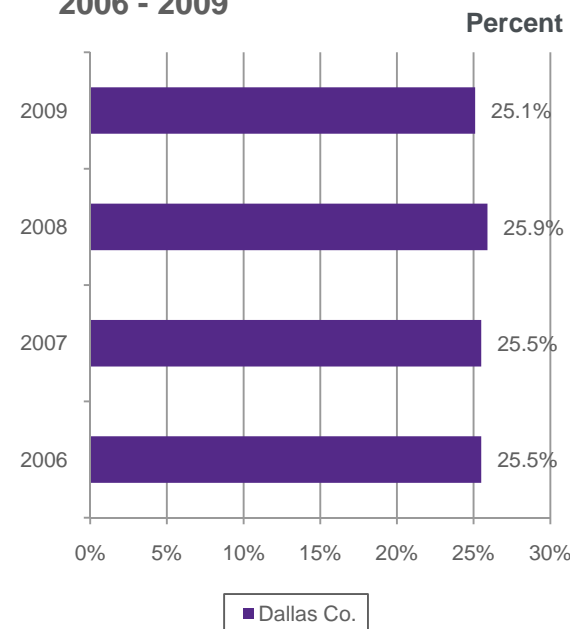
# Education:  Health Literacy Rates In the United States, 2003

Percent

**Below Basic** — **Basic** — **Intermetidate** — **Proficient**

- Below Basic: 14.0%
- Basic: 21.0%
- Intermetidate: 53.0%
- Proficient: 12.0%

2003
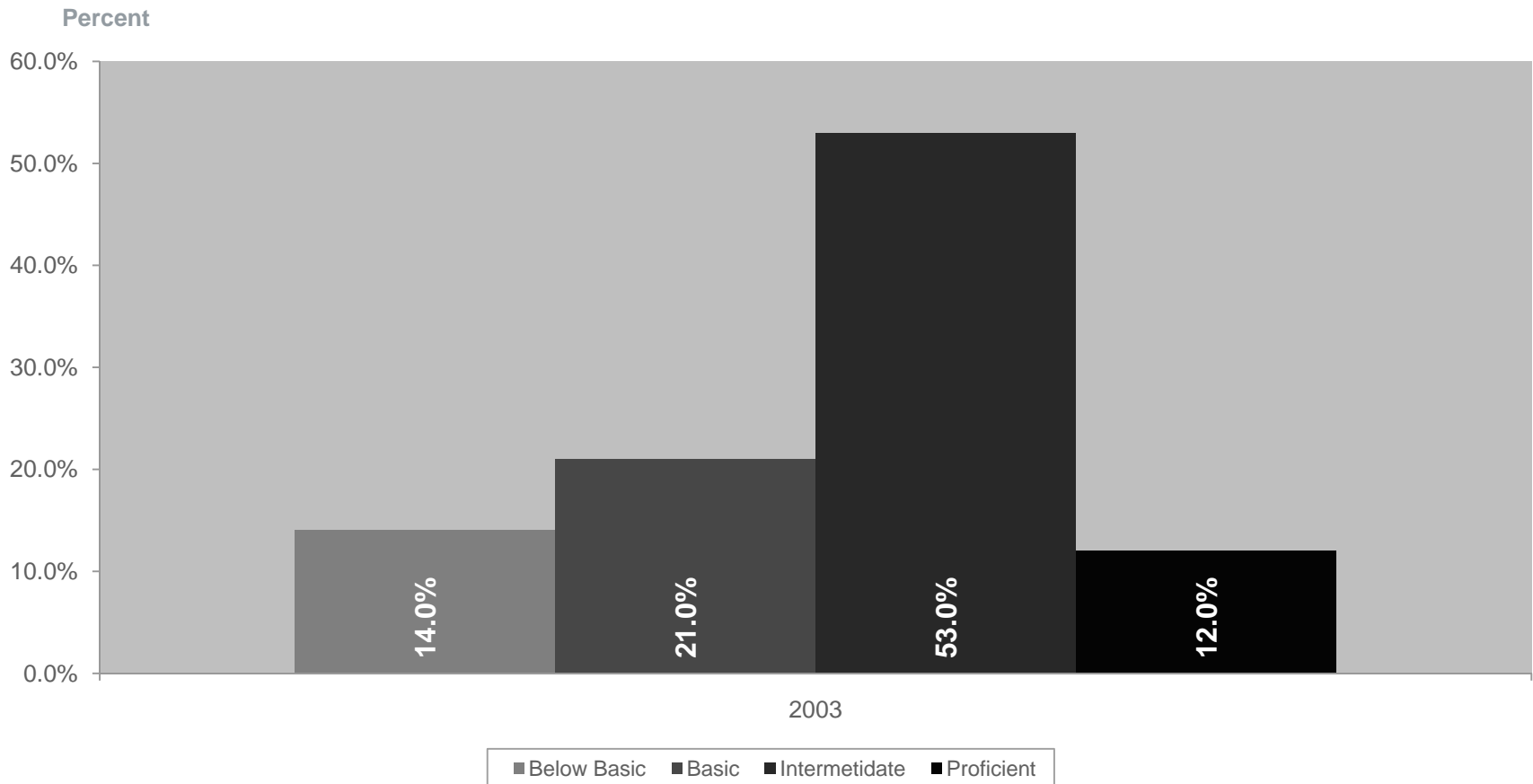
Source:  America's Health Literacy: Why We Need Accessible Health Information.  U.S. Department of Health and Human Services: Office of Disease Prevention and Health Promotion, 2008.
http://www.health.gov/communication/literacy/issuebrief/2008IssueBrief.pdf

# Social and Economic Factors

**Parkland**

- 🟢 **– Doing better than the benchmark**
- 🟡 **– Same as/not significantly different from the benchmark**
- 🔴 **– Worse than the benchmark**

| Employment | | Dallas County Compared to 8 Peer Counties (Quartiles) | Dallas County Compared to Past Years' Data (CI) |
|---|---|---|---|
| | Unemployment Rate | 🟢 | 🔴 |
| | Weekly Wages | 🟢 | 🟢 |

# Access: Percent of Unemployment in the Civilian Labor Force

**Other Peer Counties Range, April 2011**

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

**This indicator shows the percent of the civilian population unemployed**

Percent of the civilian population

8.0% to 13.2%

| | Apr-11 | 2005 |
|---|---|---|
| U.S. Median | 8.7 | 5.1 |
| Bexar Co. | 7.2 | 5.1 |
| Harris Co. | 8.0 | 5.7 |
| Tarrant Co. | 7.7 | 5.1 |
| Dallas Co. | 8.1 | 5.6 |
| Texas | 7.7 | 5.4 |

**Dallas County Trend 2005 to April 2011**

Percent

| Year | Dallas Co. |
|---|---|
| Apr-11 | 8.1% |
| 2010 | 8.8% |
| 2009 | 8.2% |
| 2008 | 5.5% |
| 2007 | 4.6% |
| 2006 | 5.2% |
| 2005 | 5.6% |
| 2004 | 6.6% |
| 2003 | 7.4% |
| 2002 | 7.4% |
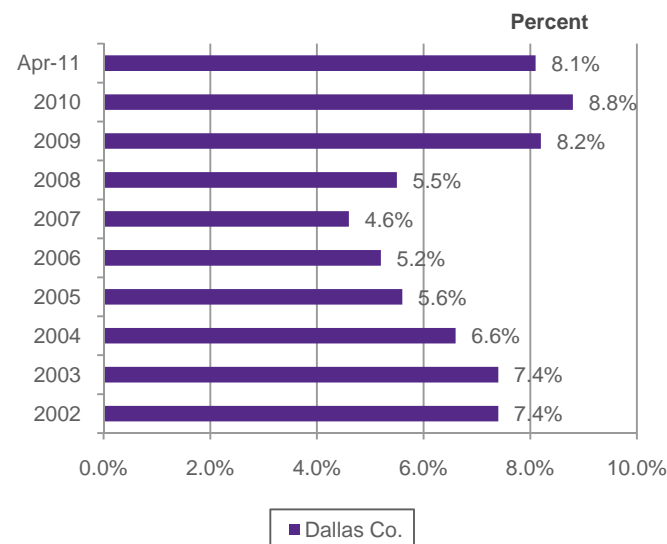
**Historical data represents annual averages**

**Sources: Bureau of Labor Statistics** http://www.bls.gov/lau/#tables **and** http://www.bls.gov/cps/cpsaat1.pdf
http://www.washingtonpost.com/wp-srv/special/nation/unemployment-by-county/

**Employment: Weekly Wages 2007 to 2010**

Other Peer Counties Range

Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook

Weekly Wages

$966 to $1,158

**2010**
- U.S.: $971
- Bexar Co.: $865
- Harris Co.: $1,234
- Tarrant Co.2: $978
- Dallas Co.: $1,167
- Texas: $977

**2007**
- U.S.: $781
- Bexar Co.: $671
- Harris Co.: $1,152
- Tarrant Co.2: $897
- Dallas Co.: $1,112
- Texas: $671

Legend: ■ U.S. ■ Bexar Co. ■ Harris Co. ■ Tarrant Co.2 ■ Dallas Co. ■ Texas
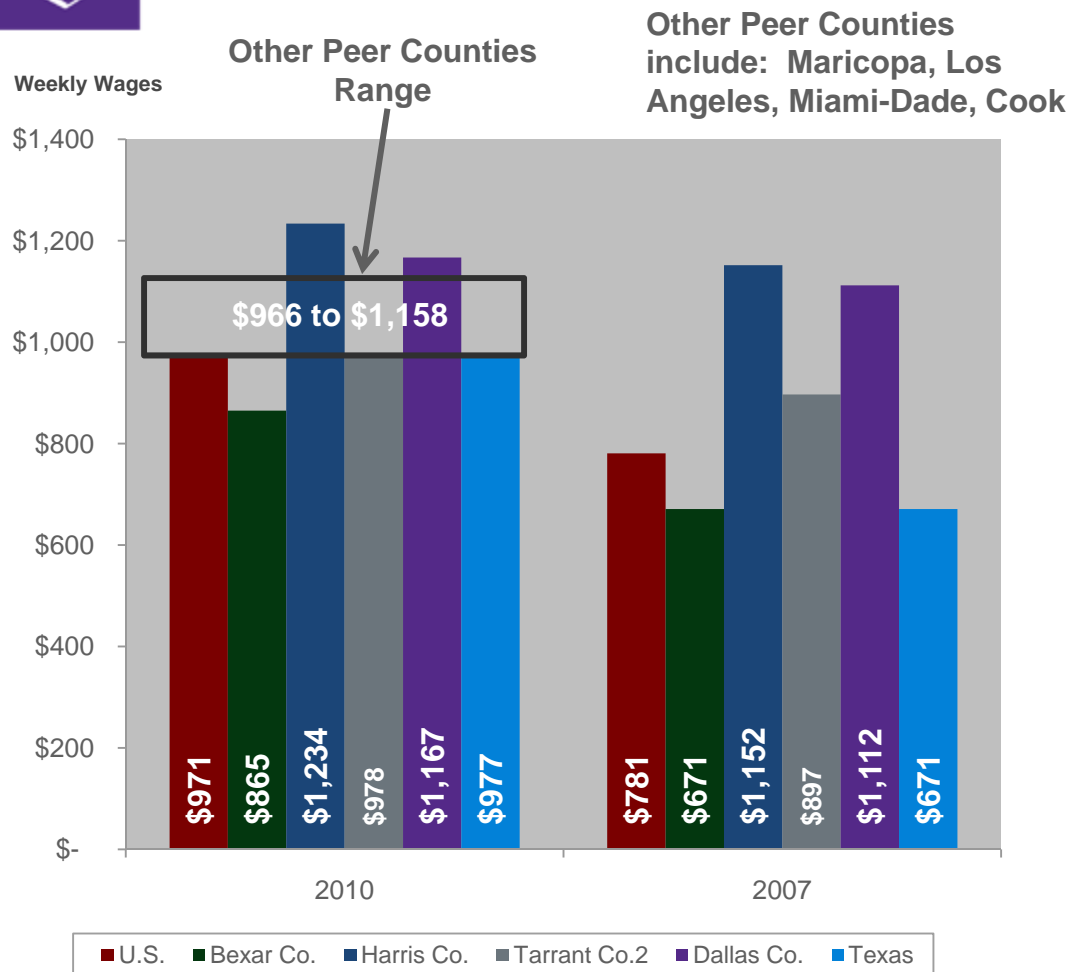
**Dallas County Trend in Weekly Wages, 2007-2010**

Weekly Wages
- 2010 Fourth Qt.: $1,167
- 2009 Fourth Qt.: $1,129
- 2008 Second Qt.: $1,010
- 2007 Fourth Qt.: $1,112

■ Dallas Co.
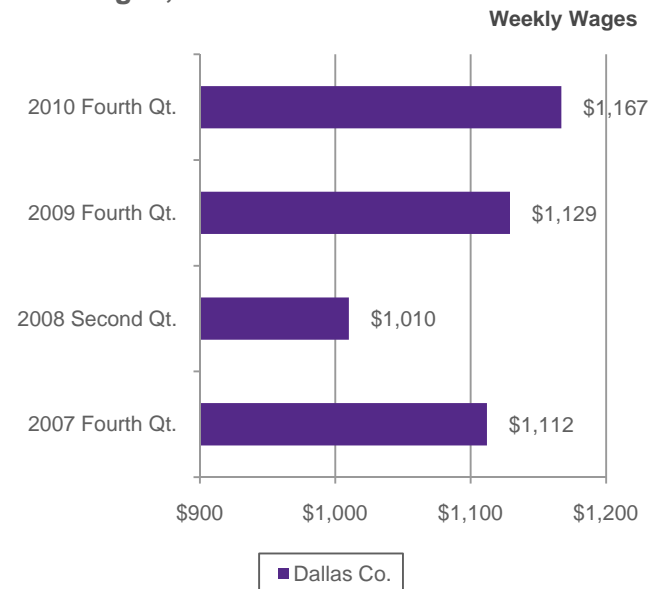
Sources: **County Employment and Wages fourth quarter 2010**
**County Employment and Wages second quarter 2008**
**http://www.bls.gov/news.release/archives/cewqtr_07072010.pdf**
**County Employment and Wages fourth quarter 2007 f**
County Employment and Wages 4th Quarter 2009
**Weekly Employment and Wages fourth quarter 2010 by State**
**http://www.bls.gov/news.release/archives/cewqtr_07072010.pdf**
Employment and Wages, annual averages, 2007 BLS. http://www.bls.gov/cew/ew07table9.pdf

# Social and Economic Factors

**Parkland**

- 🟢 – Doing better than the benchmark
- 🟡 – Same as/not significantly different from the benchmark
- 🔴 – Worse than the benchmark

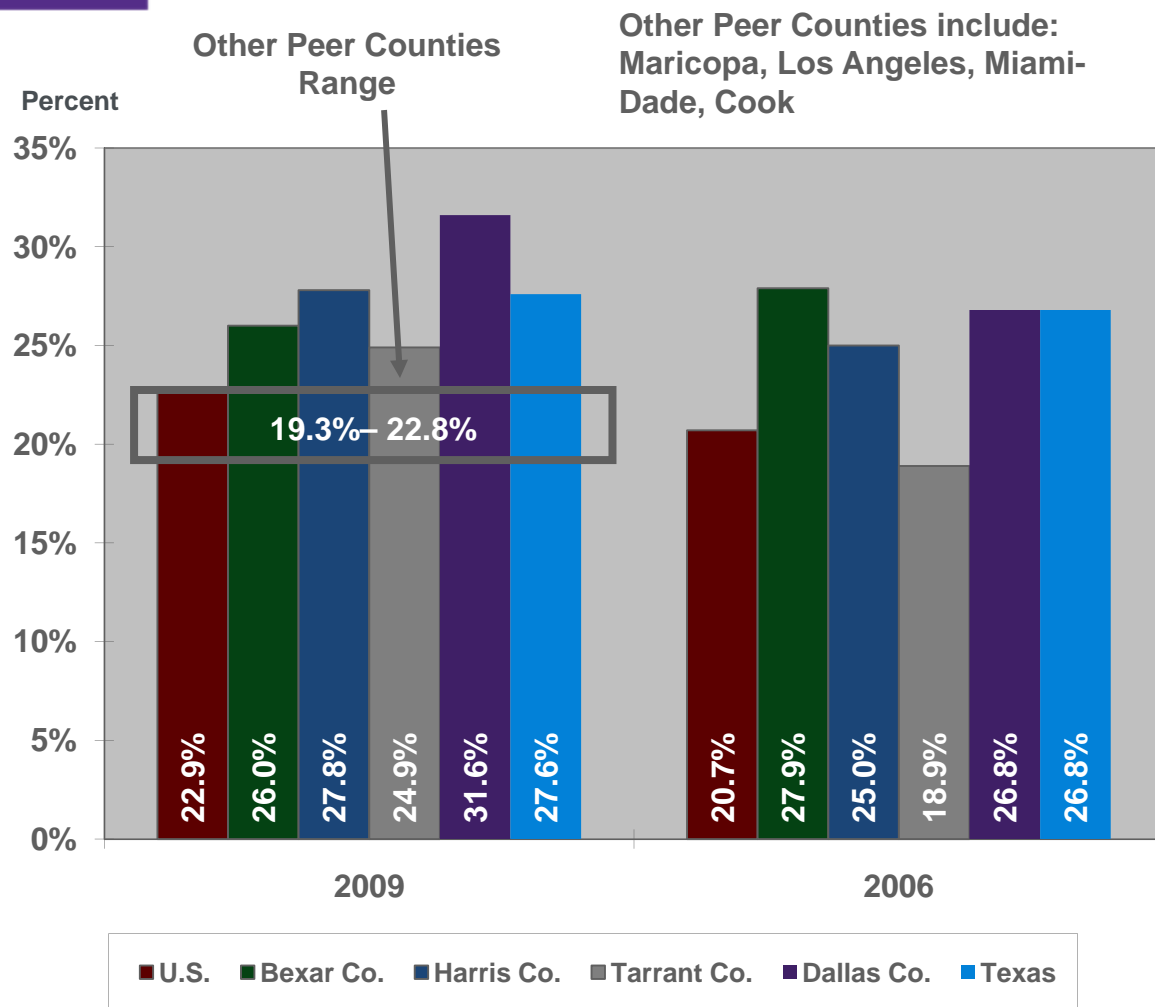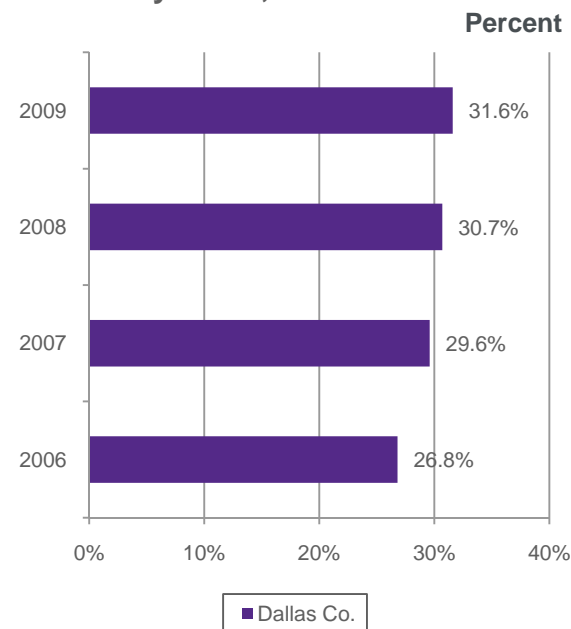| Income | | Dallas County Compared to 8 Peer Counties (Quartiles) | Dallas County Compared to Past Years' Data (CI) |
|---|---|---|---|
| | Children in Poverty | 🔴 | 🔴 |
| | Income Inequality | 🔴 | 🟡 |
| | Per Capita Income | 🟡 | 🟡 |
| | Median Household Income | 🟡 | 🟡 |

# Percent of the Children Under the Age of 6 Living Below the Poverty Level, 2006 and 2009

**Parkland**

Other Peer Counties Range

Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook
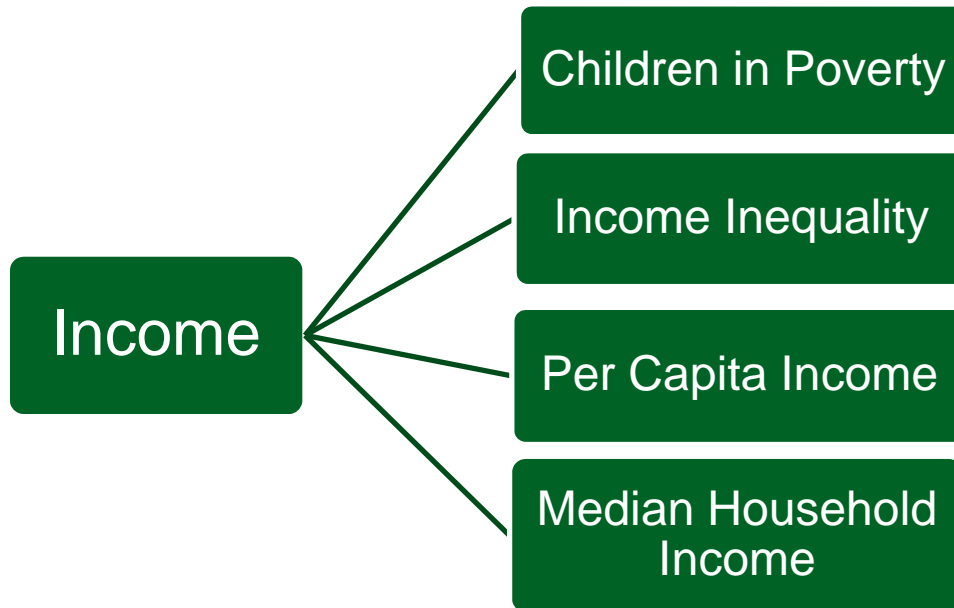
Dallas County Trend for Children Under the Age of 6 Living Below the Federal Poverty Level, 2006 - 2009

Percent

19.3%– 22.8%

**2009**

| | U.S. | Bexar Co. | Harris Co. | Tarrant Co. | Dallas Co. | Texas |
|---|---|---|---|---|---|---|
| 2009 | 22.9% | 26.0% | 27.8% | 24.9% | 31.6% | 27.6% |
| 2006 | 20.7% | 27.9% | 25.0% | 18.9% | 26.8% | 26.8% |

**2006**

Legend: ■ U.S. ■ Bexar Co. ■ Harris Co. ■ Tarrant Co. ■ Dallas Co. ■ Texas

Dallas County Trend:
- 2009: 31.6%
- 2008: 30.7%
- 2007: 29.6%
- 2006: 26.8%

■ Dallas Co.

**Source: American Community Survey, 2006, 2007, 2008 and 2009**

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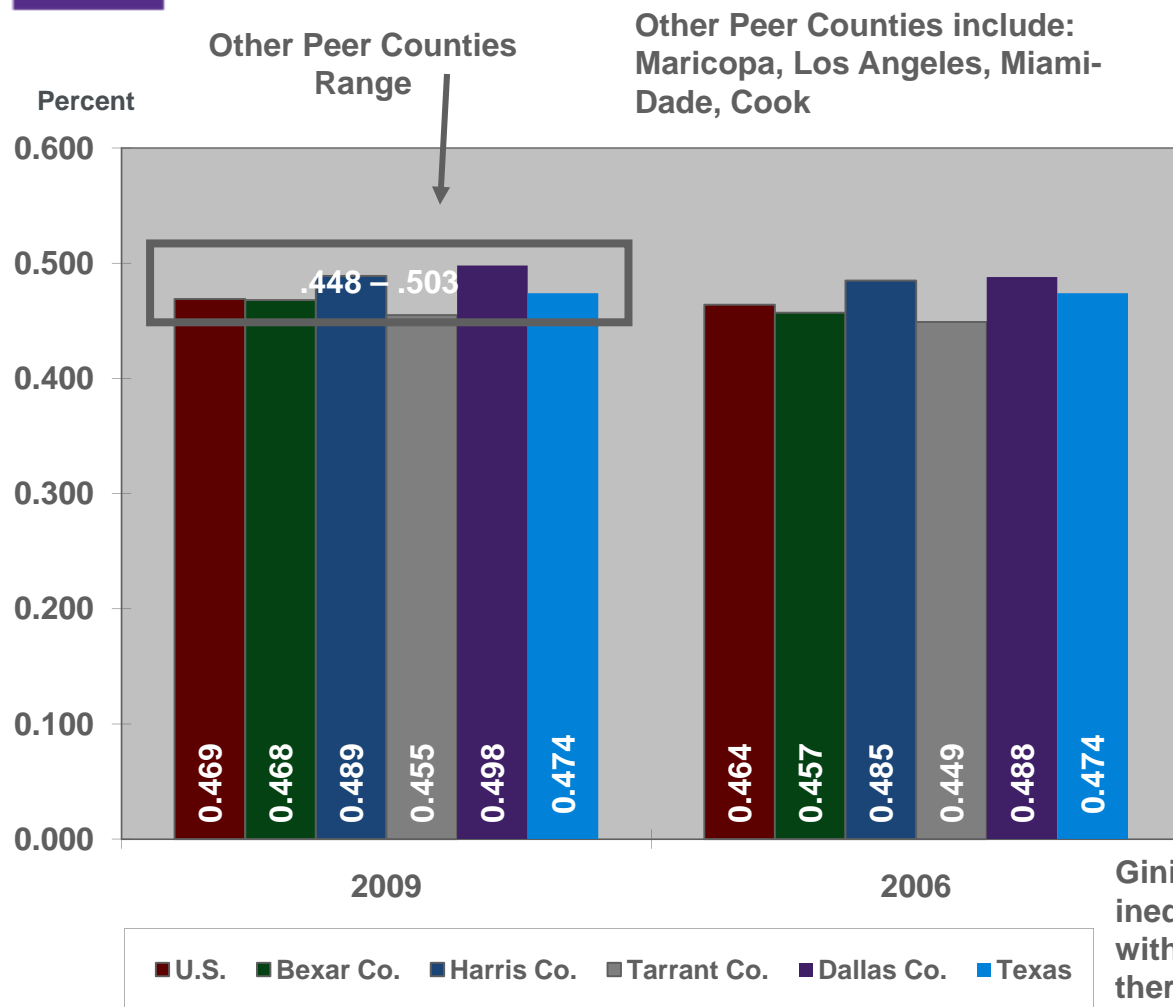**Percent of the children under the age of 6 living below the poverty level 2005-2009**

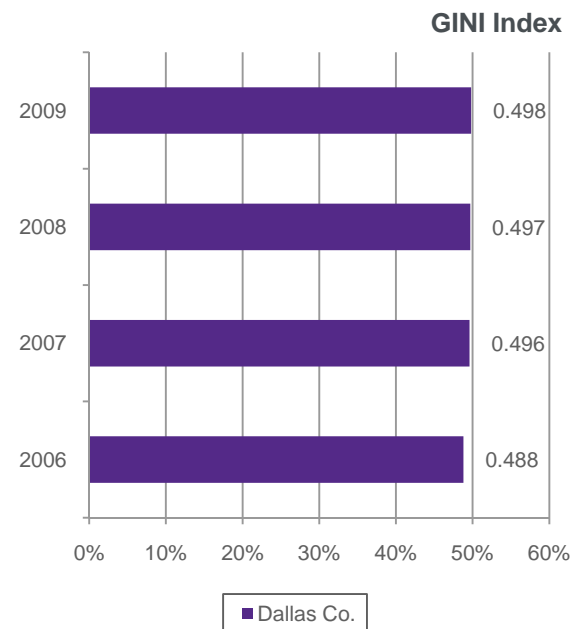**Percent of Children Under the Age of 6 Living Below the Poverty Level, 2005-2009 data**

| | |
|---|---|
| ![red] | 45.50% to 100.00% |
| ![pink] | 31.10% to 45.49% |
| ![white] | 17.62% to 31.09% |
| ![lightblue] | 2.50% to 17.61% |
| ![blue] | 0.001% to 2.49% |
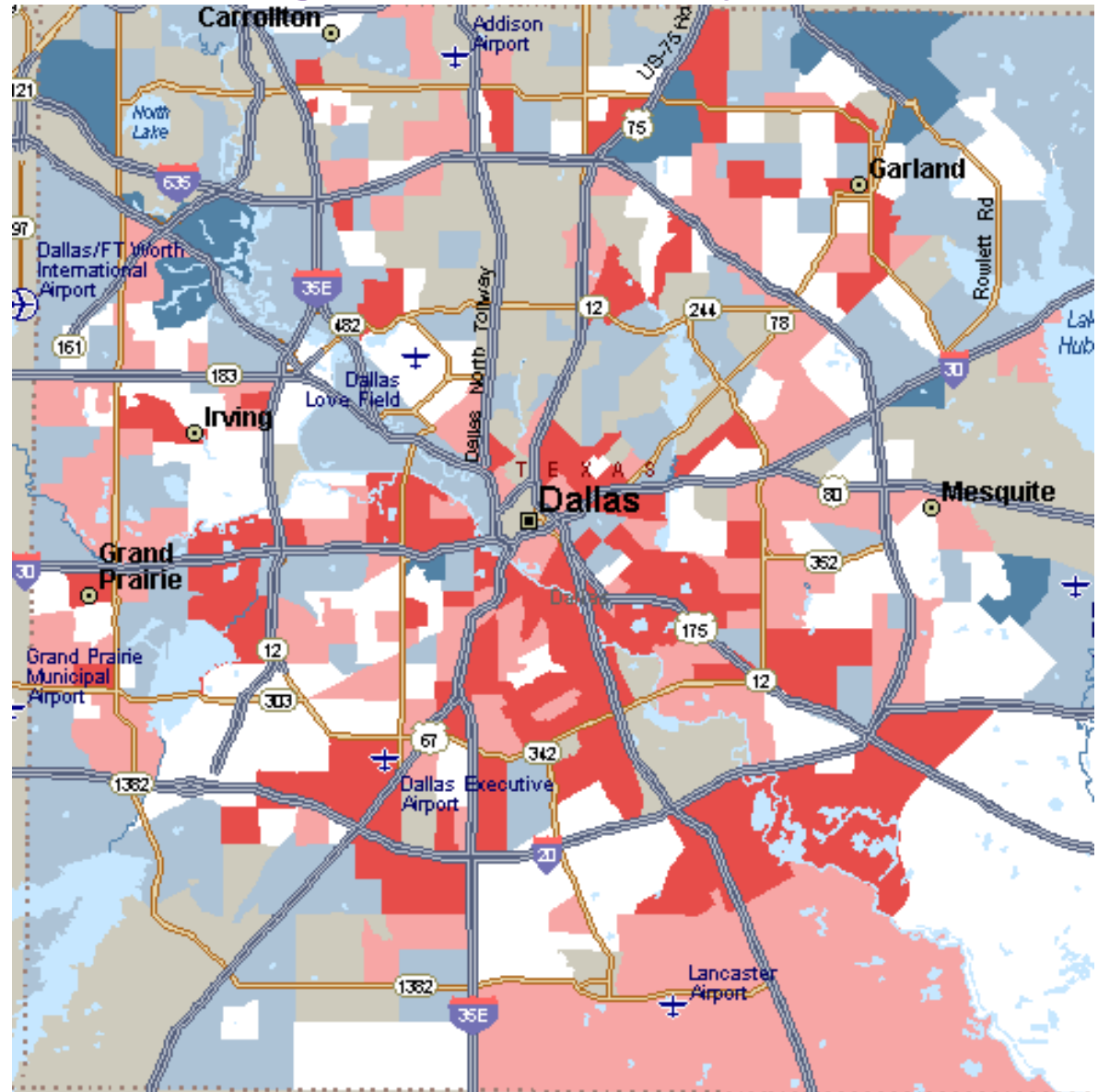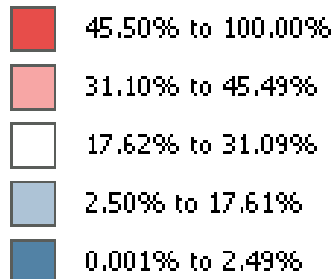
**Source:  American Community Survey, 2005-2009 data download**

# Income Inequality, the "Gini Index", 2006 and 2009

**Other Peer Counties Range**

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

**Dallas County Trend for Income Inequality, 2006 - 2009**

**Percent**

.448 – .503

**2009**

| U.S. | Bexar Co. | Harris Co. | Tarrant Co. | Dallas Co. | Texas |
|------|-----------|------------|-------------|------------|-------|
| 0.469 | 0.468 | 0.489 | 0.455 | 0.498 | 0.474 |

**2006**

| U.S. | Bexar Co. | Harris Co. | Tarrant Co. | Dallas Co. | Texas |
|------|-----------|------------|-------------|------------|-------|
| 0.464 | 0.457 | 0.485 | 0.449 | 0.488 | 0.474 |

**Legend:** U.S. | Bexar Co. | Harris Co. | Tarrant Co. | Dallas Co. | Texas

**GINI Index**

| Year | Dallas Co. |
|------|-----------|
| 2009 | 0.498 |
| 2008 | 0.497 |
| 2007 | 0.496 |
| 2006 | 0.488 |

Dallas Co.

**Gini Index:** Summary measure of income inequality. The Gini Index varies from 0 to 1, with 0.0 indicating perfect equality where there is a proportional distribution of income. A 1.0 indicates perfect inequality where one person has all the income and no one else has any. (The Gini Index includes cumulative percentages of total income received against the cumulative number of recipients, starting with the poorest individual or household)
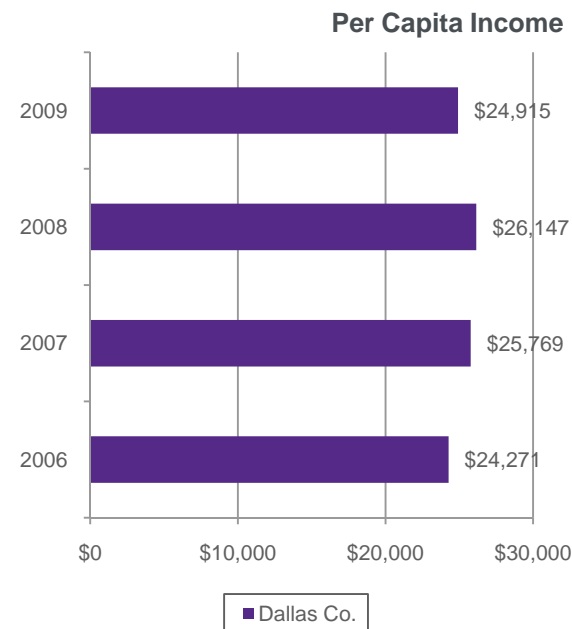
**Source: American Community Survey, 2006, 2007, 2008 and 2009**
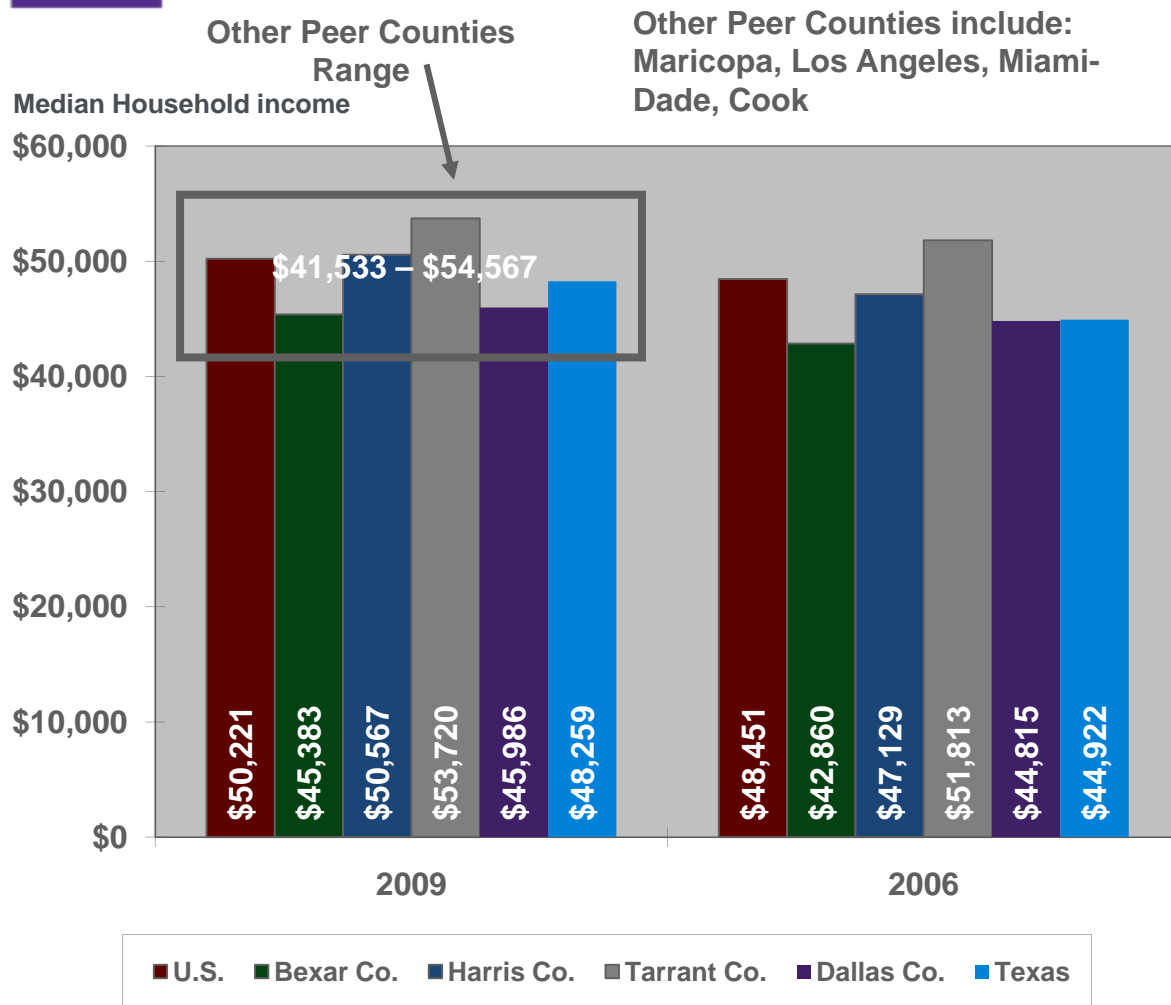
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**Per Capita Income Trends 2006 and 2009**

Per capita income

Other Peer Counties Range

Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook

$21,502 – $28,507

**2009**
- U.S. $26,409
- Bexar Co. $22,004
- Harris Co. $26,220
- Tarrant Co. $26,593
- Dallas Co. $24,915
- Texas $24,077

**2006**
- U.S. $25,267
- Bexar Co. $20,818
- Harris Co. $24,303
- Tarrant Co. $25,398
- Dallas Co. $24,271
- Texas $22,501

Legend: U.S. ■ Bexar Co. ■ Harris Co. ■ Tarrant Co. ■ Dallas Co. ■ Texas ■
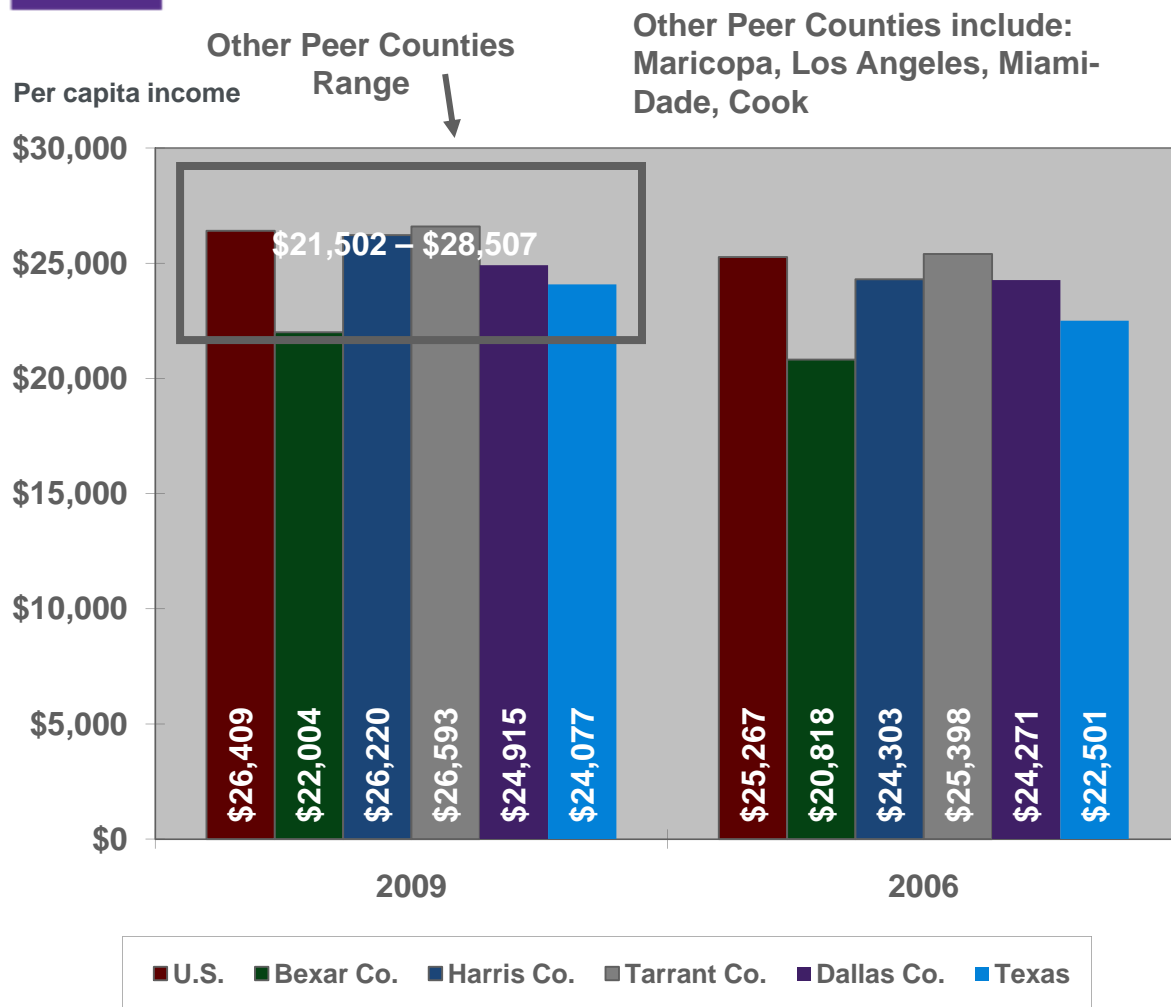
**Dallas County Trend in Per Capita Income, 2006 - 2009**

Per Capita Income
- 2009: $24,915
- 2008: $26,147
- 2007: $25,769
- 2006: $24,271

■ Dallas Co.

Source: American Community Survey, 2006, 2007, 2008 and 2009

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# Median Household Income Trends 2006 and 2009

**Other Peer Counties Range**

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

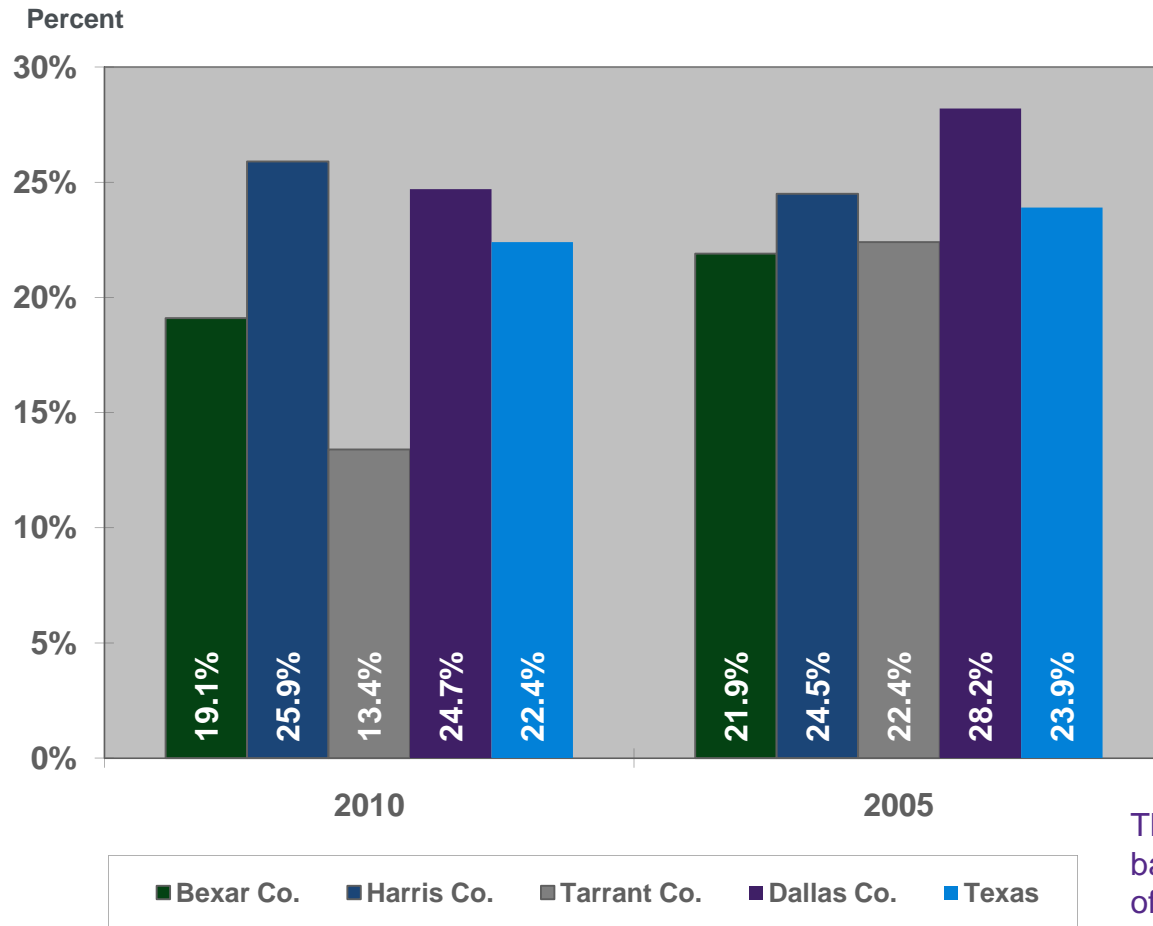**Dallas County Trend for Median Household Income Trends, 2006 - 2009**
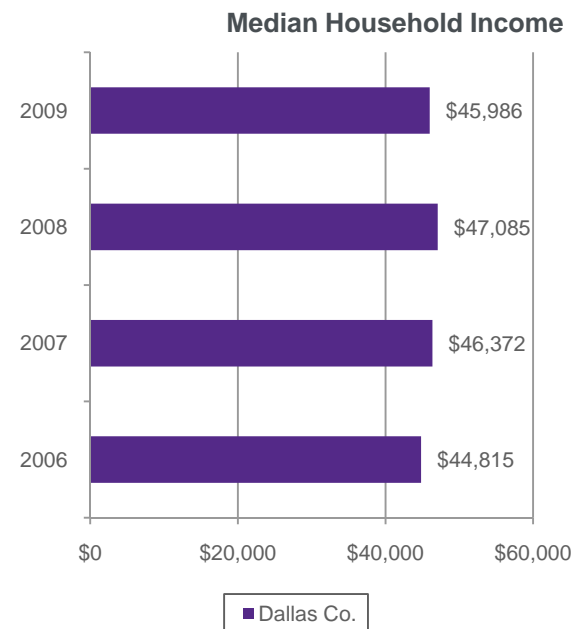
Median Household income

**$41,533 – $54,567**

### 2009
| | |
|---|---|
| U.S. | $50,221 |
| Bexar Co. | $45,383 |
| Harris Co. | $50,567 |
| Tarrant Co. | $53,720 |
| Dallas Co. | $45,986 |
| Texas | $48,259 |

### 2006
| | |
|---|---|
| U.S. | $48,451 |
| Bexar Co. | $42,860 |
| Harris Co. | $47,129 |
| Tarrant Co. | $51,813 |
| Dallas Co. | $44,815 |
| Texas | $44,922 |

Legend: ■ U.S. ■ Bexar Co. ■ Harris Co. ■ Tarrant Co. ■ Dallas Co. ■ Texas

**Median Household Income**

| Year | Dallas Co. |
|---|---|
| 2009 | $45,986 |
| 2008 | $47,085 |
| 2007 | $46,372 |
| 2006 | $44,815 |

■ Dallas Co.

**Source: American Community Survey, 2006, 2007, 2008 and 2009**

# Social and Economic Factors

**Parkland**

🟢 – **Doing better than the benchmark**
🟡 – **Same as/not significantly different from the benchmark**
🔴 – **Worse than the benchmark**

| | Dallas County Compared to 4 Peer Counties (Quartiles) | Dallas County Compared to Past Years' Data (CI) |
|---|---|---|
| **Households and Social Support** — Social and Emotional Support | 🟡 | 🟡 |
| Single Parent Households | 🔴 | 🔴 |

Parkland

**Other Peer Counties
Range**

**Other Peer Counties include:
Maricopa, Los Angeles, Miami-
Dade, Cook**
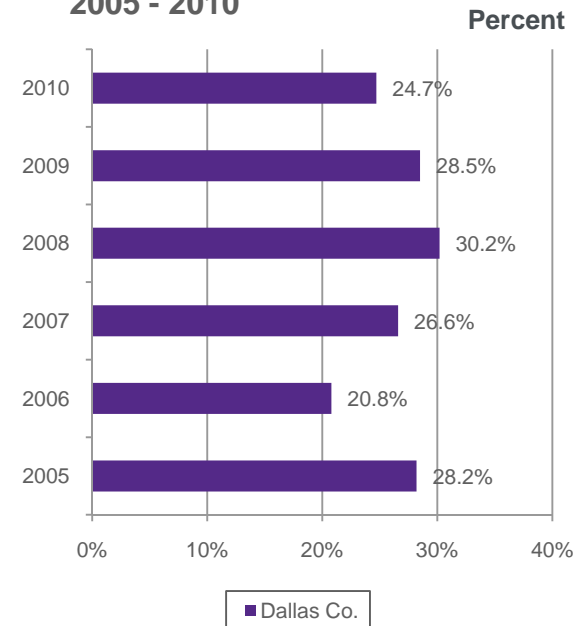
**Dallas County Trend for Single
Parent Households, 2006 - 2009**

Percent
25%

**17.9 – 20.0%**

20%

15%

10%

5%

0%

| | 2009 | | | | | | 2006 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| U.S. | 16.9% | | | | | | 16.8% | | | | |
| Bexar Co. | | 21.4% | | | | | | 20.8% | | | |
| Harris Co. | | | 20.2% | | | | | | 20.3% | | |
| Tarrant Co. | | | | 19.2% | | | | | | 17.6% | |
| Dallas Co. | | | | | 21.9% | | | | | | 22.0% |
| Texas | | | | | | 18.7% | | | | | 18.4% |

**2009**                  **2006**

■ **U.S.**  ■ **Bexar Co.**  ■ **Harris Co.**  ■ **Tarrant Co.**  ■ **Dallas Co.**  ■ **Texas**

Percent

| Year | Percent |
|---|---|
| 2009 | 21.9% |
| 2008 | 21.5% |
| 2007 | 21.4% |
| 2006 | 22.0% |

0%    5%    10%    15%    20%    25%

■ Dallas Co.
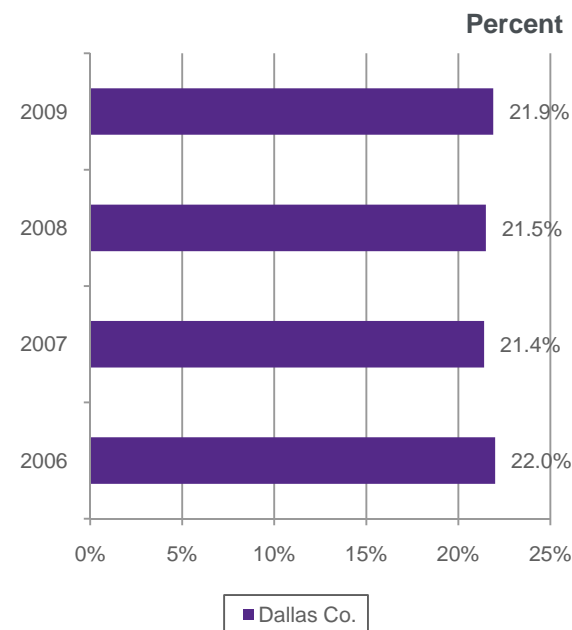
**The specific table is households with
own or related children by family type
(i.e. number and sex of parents present).
The universe is all households with
children.**

**Source: American Community Survey, 2006, 2007, 2008 and 2009**

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# Percentage of Single Parent Households, 2005-2009

**Percent of households with children lining with one parent**

55 - 100% �
40 – 54%
30 – 39%
20 – 29%
0 – 19%
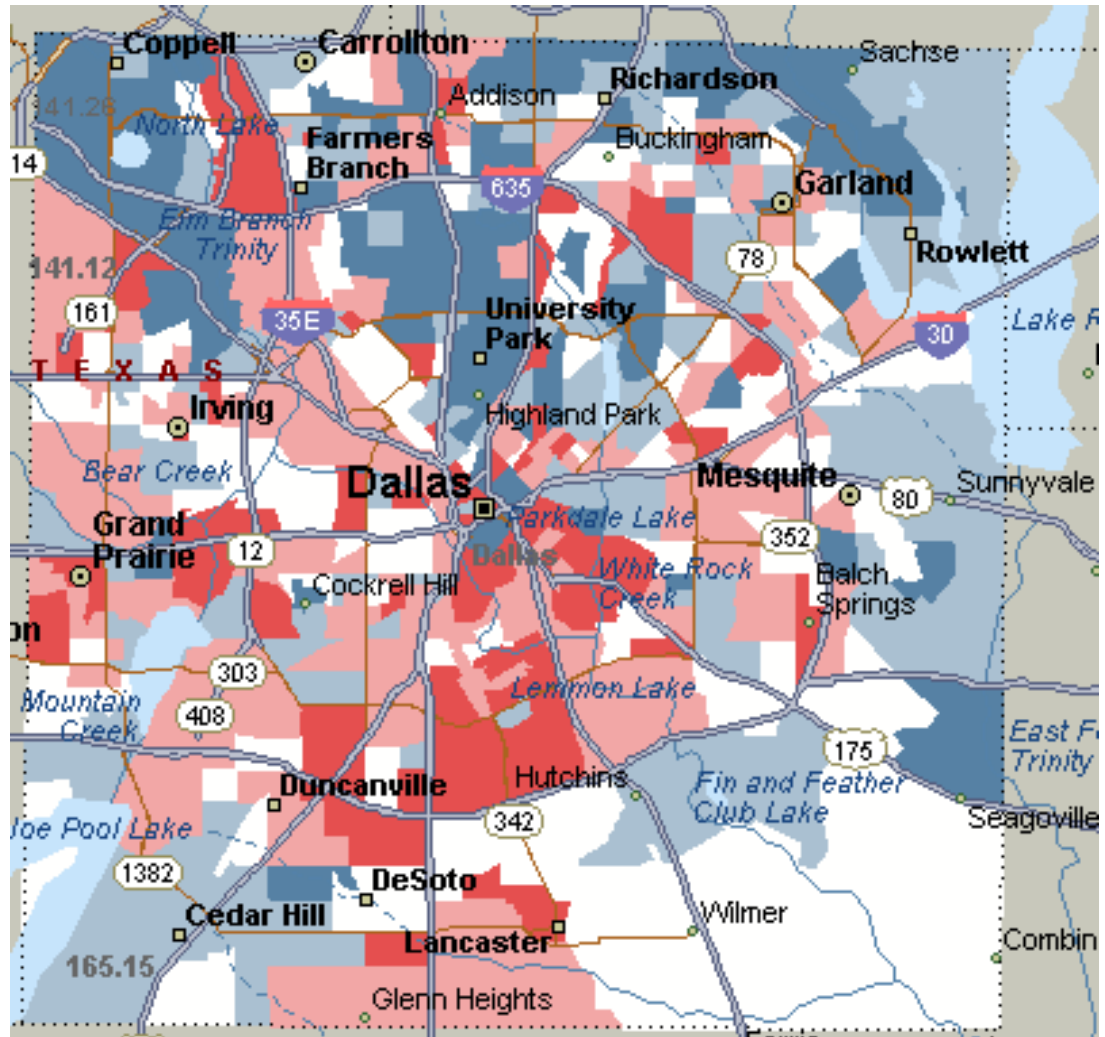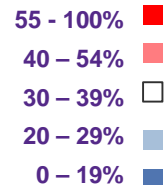
**The universe is all households with children.**

**Source: US Census Bureau, American Community Survey, 2005-2009 Aggregate Data for Dallas County**
**http://factfinder.census.gov/servlet/DTGeoSearchByListServlet?ds_name=ACS_2009_5YR_G00_&_lang=en&_ts=329829294413**

# Social and Economic Factors

🟢 – Doing better than the benchmark
🟡 – Same as/not significantly different from the benchmark
🔴 – Worse than the benchmark

| | | Dallas County Compared to 8 Peer Counties (Quartiles) | Dallas County Compared to Past Years' Data (CI) |
|---|---|---|---|
| **Housing Affordability and Supply** | Minimum Wage Hours Worked to Afford the Median Rent for a Two-Bedroom Dwelling | 🟢 | 🟢 |
| | Percentage of Renters That Pay More Than 30% of Income in Rent | 🟢 | 🟡 |

# Number of Minimum Wage Hours Worked to Afford the Median Rent on a Two Bedroom Dwelling, 2009

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**
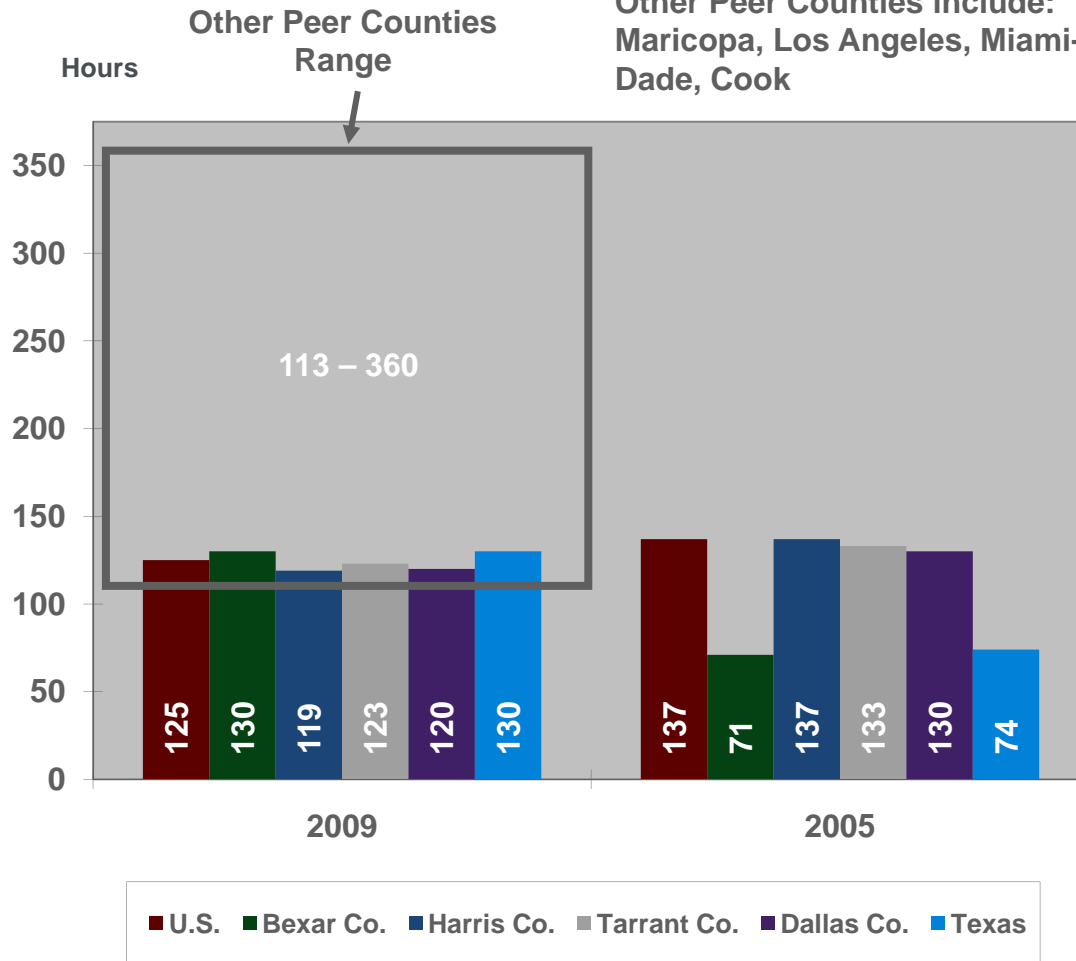
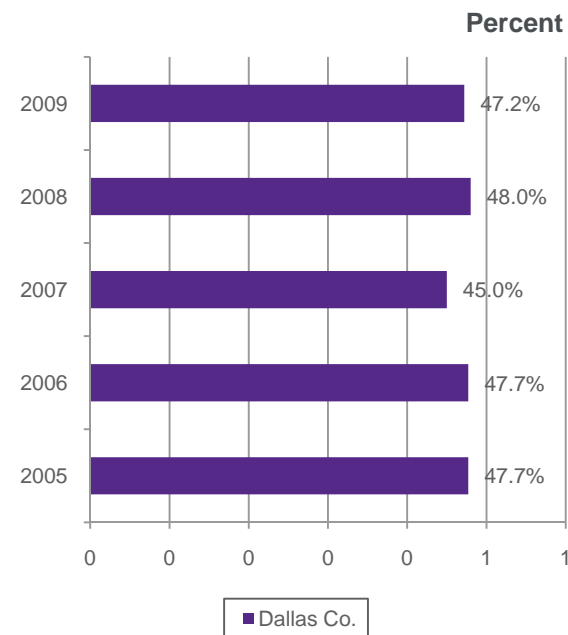**Dallas County Trend Minimum Wage Hours Works for a Two Bedroom Dwelling, 2006 - 2009**
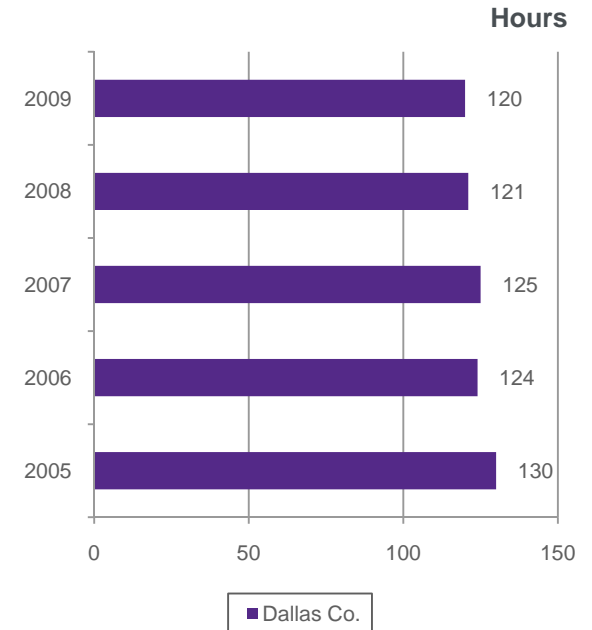
**Source: American Community Survey, 2006, 2007, 2008 and 2009**

# Percent of Renters Whose Rent is 30% or More of Household Income, 2009

**Other Peer Counties Range**

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**
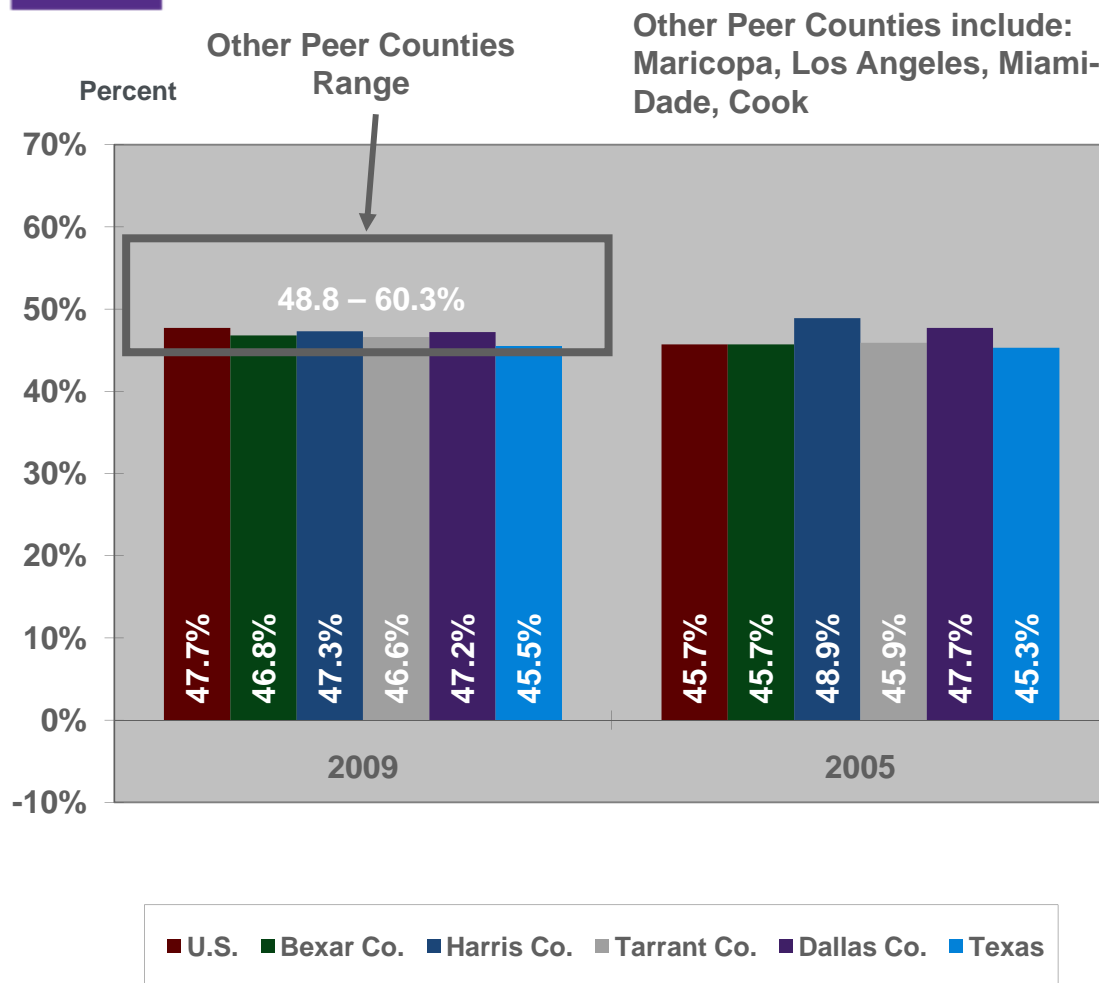
**Dallas County Trend Renters Whose Rent is 30% or More of Household Income, 2005 - 2009**

Percent

**48.8 – 60.3%**

**2009**
- U.S. 47.7%
- Bexar Co. 46.8%
- Harris Co. 47.3%
- Tarrant Co. 46.6%
- Dallas Co. 47.2%
- Texas 45.5%

**2005**
- U.S. 45.7%
- Bexar Co. 45.7%
- Harris Co. 48.9%
- Tarrant Co. 45.9%
- Dallas Co. 47.7%
- Texas 45.3%

**Dallas County Trend (Percent):**
- 2009: 47.2%
- 2008: 48.0%
- 2007: 45.0%
- 2006: 47.7%
- 2005: 47.7%

Legend: ■ U.S. ■ Bexar Co. ■ Harris Co. ■ Tarrant Co. ■ Dallas Co. ■ Texas
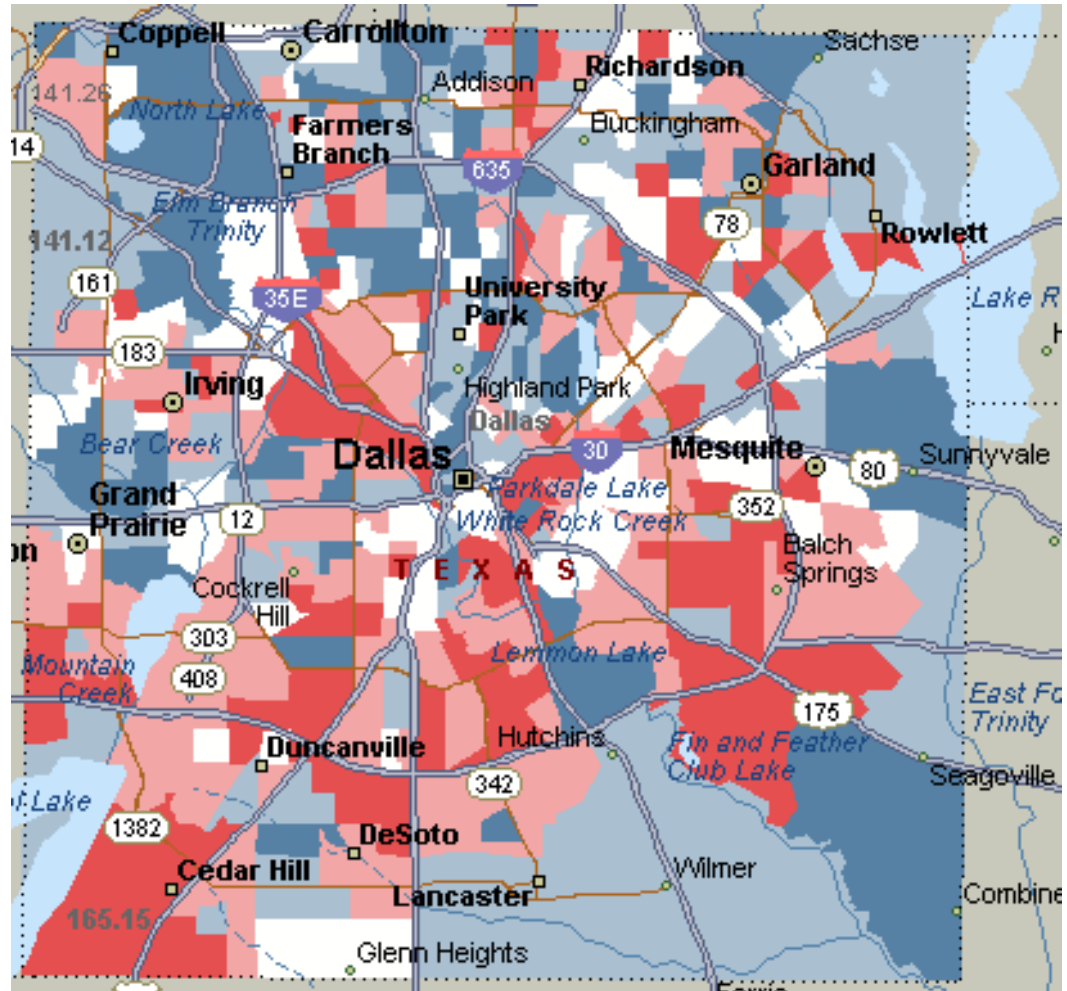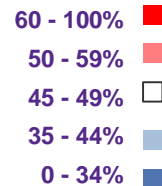
■ Dallas Co.

**Source: American Community Survey, 2005, 2006, 2007, 2008 and 2009**

23

# Percentage of Renters That Pay More Than 30% of Household Income in Rent, 2005-2009

**Percentage of Renters That Pay More Than 30% of Household Income in Rent, by Census Tract**

60 - 100% ■
50 - 59% ■
45 - 49% □
35 - 44% ■
0 - 34% ■



Source: US Census Bureau, American Community Survey, 2005-2009 Aggregate Data for Dallas County
http://factfinder.census.gov/servlet/DTGeoSearchByListServlet?ds_name=ACS_2009_5YR_G00_&_lang=en&_ts=329829294413

**Parkland**

- 🟢 – Doing better than the benchmark
- 🟡 – Same as/not significantly different from the benchmark
- 🔴 – Worse than the benchmark

| | Dallas County Compared to Healthy People 2020 Goal | Dallas County Compared to 8 Peer Counties | Dallas County Compared to Past Years' Data (CI) |
|---|---|---|---|
| All Unintentional Injuries Death Rate | 🟢 | 🟡 | 🟡 |
| Motor Vehicle Crash Death Rate | 🟢 | 🟢 | 🟢 |
| Suicide Death Rate | 🔴 | 🟢 | 🟡 |
| Homicide Death Rate | 🔴 | 🟢 | 🟢 |
| Pedestrian Death Rate | 🟢 | 🟢 | 🟢 |

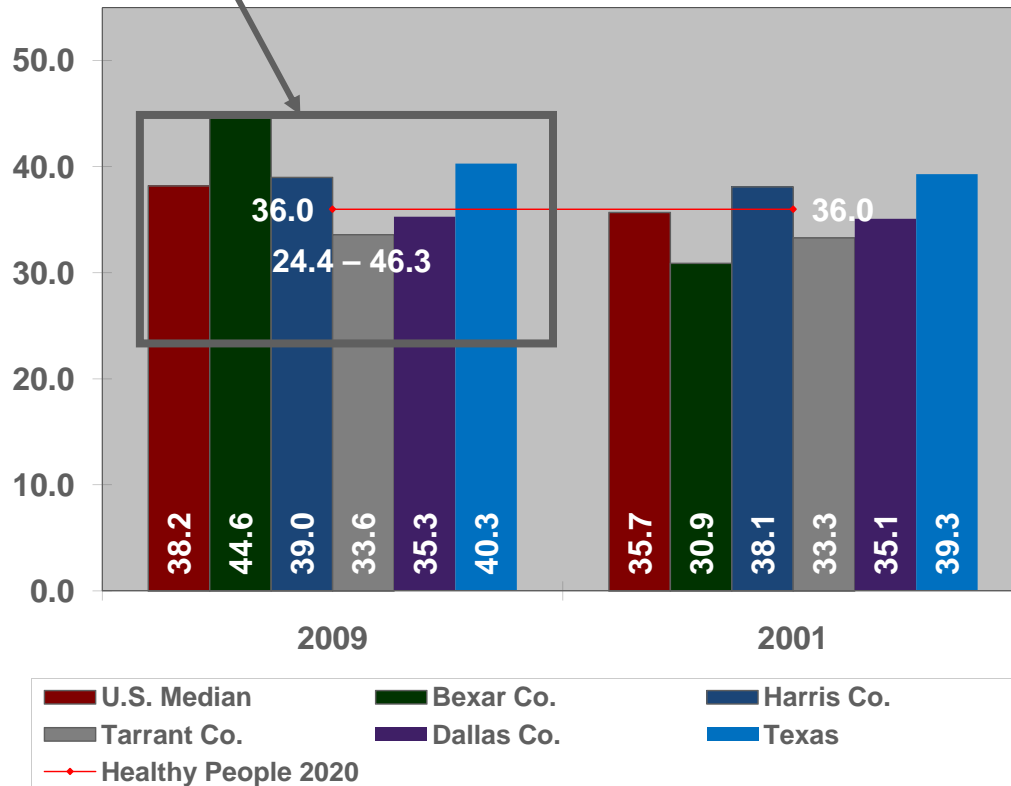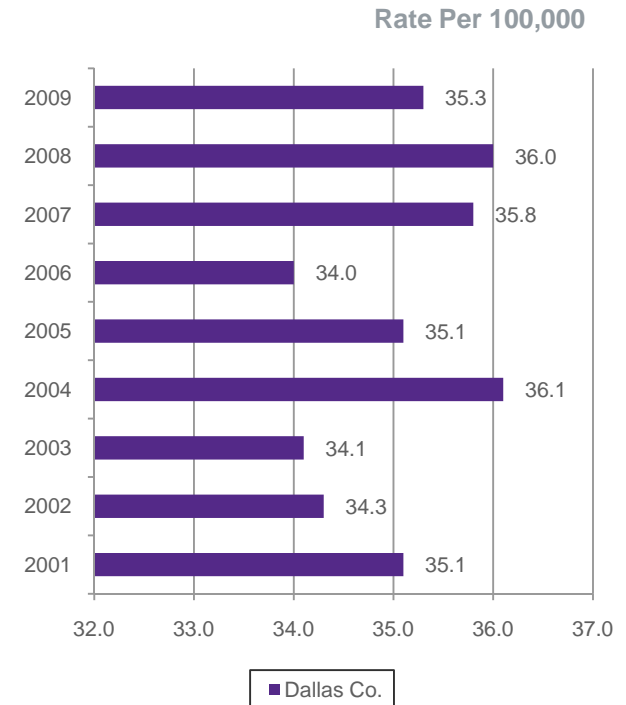**Social and Economic Factors** — **Community Safety**

# Injuries: Age-Adjusted Unintentional Injury Death Rate, per 100,000 population



**Other Peer Counties Range**
Rate Per 100,000

**Healthy People 2020 goal is to reduce deaths caused by unintentional injuries** (Target based on 10 percent improvement)

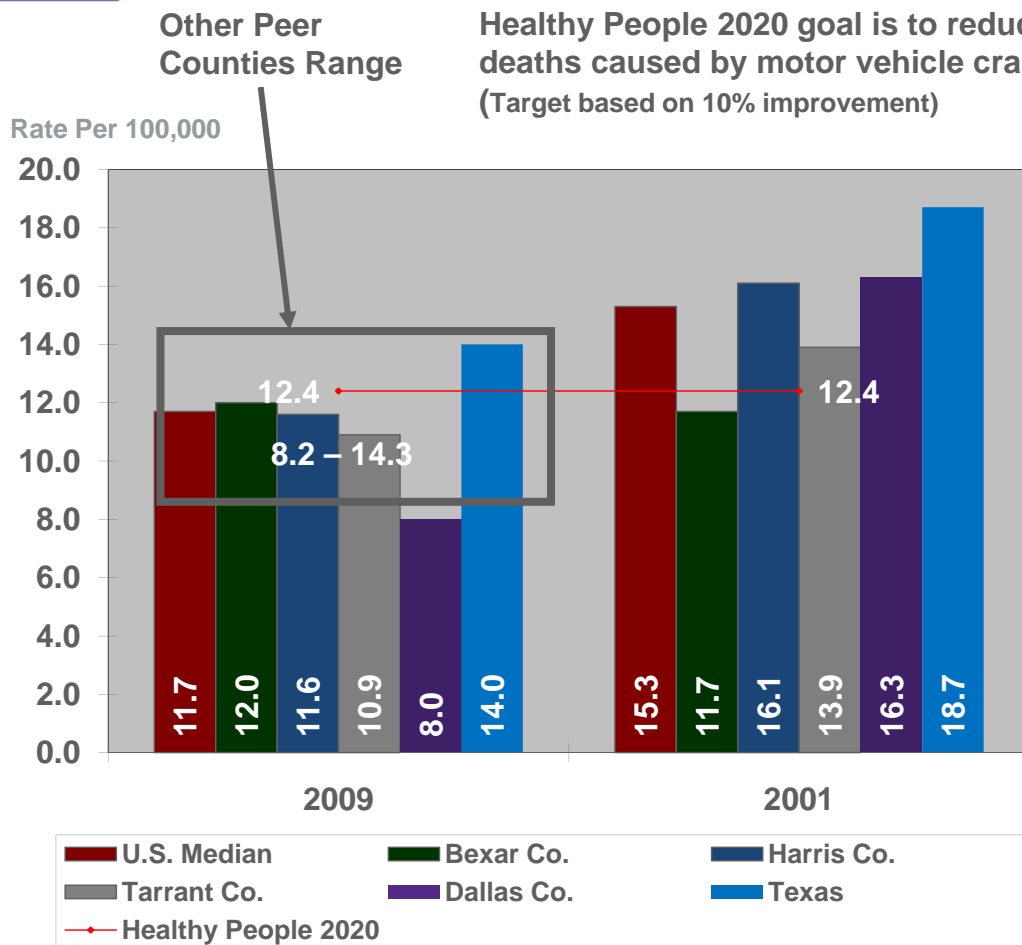**Dallas County Trend in Unintentional Injury Death Rates, 2001 to 2009**

Rate Per 100,000

Chart (left), 2009: U.S. Median 38.2, Bexar Co. 44.6, Harris Co. 39.0, Tarrant Co. 33.6, Dallas Co. 35.3, Texas 40.3. 2001: U.S. Median 35.7, Bexar Co. 30.9, Harris Co. 38.1, Tarrant Co. 33.3, Dallas Co. 35.1, Texas 39.3. Healthy People 2020 = 36.0. Other Peer Counties Range 24.4 – 46.3.

Legend: U.S. Median, Bexar Co., Harris Co., Tarrant Co., Dallas Co., Texas, Healthy People 2020

Dallas Co. trend: 2009: 35.3, 2008: 36.0, 2007: 35.8, 2006: 34.0, 2005: 35.1, 2004: 36.1, 2003: 34.1, 2002: 34.3, 2001: 35.1

**Other Peer Counties include:**
**Maricopa, Los Angeles, Miami-Dade, Cook (2007 data)**

Includes all unintentional injuries, including motor vehicle accidents, falls, poisoning, drowning/submersion, and others. Does not include homicide and suicide. ICD10 codes for unintentional injury deaths include: (V01-X59, Y85-Y86).
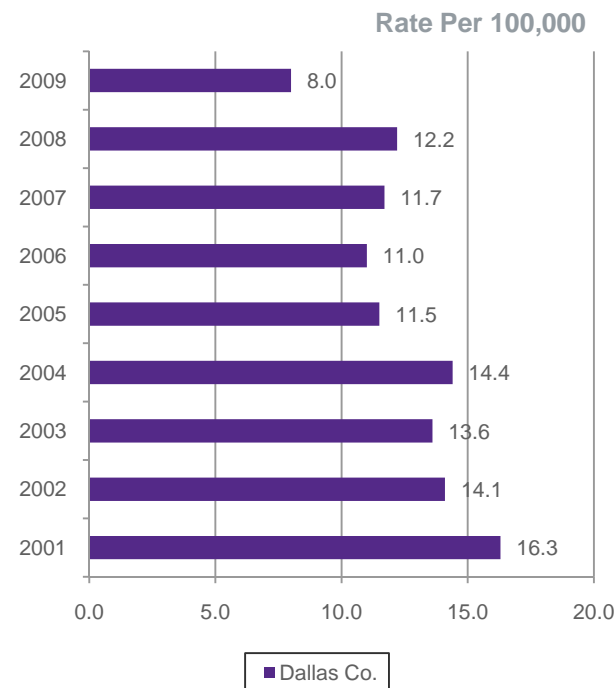
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# Injuries: Age-Adjusted Motor Vehicle Crash Death Rate, per 100,000 population

**Parkland**

**Other Peer Counties Range**

**Healthy People 2020 goal is to reduce deaths caused by motor vehicle crashes** (Target based on 10% improvement)

**Dallas County Trend in Motor Vehicle Crash Death Rates, 2001-2009**

Rate Per 100,000

| | 2009 | 2001 |
|---|---|---|
| U.S. Median | 11.7 | 15.3 |
| Bexar Co. | 12.0 | 11.7 |
| Harris Co. | 11.6 | 16.1 |
| Tarrant Co. | 10.9 | 13.9 |
| Dallas Co. | 8.0 | 16.3 |
| Texas | 14.0 | 18.7 |

12.4 — 12.4

8.2 – 14.3

Legend:
- U.S. Median
- Bexar Co.
- Harris Co.
- Tarrant Co.
- Dallas Co.
- Texas
- Healthy People 2020

**Dallas County Trend — Rate Per 100,000**

| Year | Rate |
|---|---|
| 2009 | 8.0 |
| 2008 | 12.2 |
| 2007 | 11.7 |
| 2006 | 11.0 |
| 2005 | 11.5 |
| 2004 | 14.4 |
| 2003 | 13.6 |
| 2002 | 14.1 |
| 2001 | 16.3 |

Dallas Co.

**Other Peer Counties include:** (2007 data) Maricopa, Los Angeles, Miami-Dade, Cook

ICD10 Codes for Motor Vehicle Crashes Includes V02-V04, V09.0, V09.2, V12-V14, V19.0-V19.2, V19.4-V19.6, V20-V79, V80.3-V80.5, V81.0-V81.1, V82.0-V82.1, V83-V86, V87.0-V87.8, V88.0-V88.8, V89.0, V89.2

# Injuries: Age-Adjusted Suicide Death Rate, per 100,000 population

Other Peer Counties Range

Healthy People 2020 goal is to reduce deaths the suicide rate (Target based on 10 percent improvement)

Rate per 100,000

**7.1 – 15.0**

**10.2**

**10.2**

**2009** | 11.7 | 12.1 | 11.6 | 9.6 | 10.6 | 11.4

**2001** | 10.7 | 10.8 | 10.3 | 9.9 | 10.8 | 10.8

Legend:
- U.S.
- Bexar Co.
- Harris Co.
- Tarrant Co.
- Dallas Co.
- Texas
- Healthy People 2020

## Dallas County Trend in Suicide Death Rates, 2001-2009

Rate per 100,000

| Year | Dallas Co. |
|------|-----------|
| 2009 | 10.6 |
| 2008 | 9.6 |
| 2007 | 10.4 |
| 2006 | 9.0 |
| 2005 | 9.7 |
| 2004 | 9.5 |
| 2003 | 10.3 |
| 2002 | 10.7 |
| 2001 | 10.8 |

Includes all Suicides deaths.  ICD 10  X60-x84, Y87.0

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

# Injuries: Age-Adjusted Homicide Death Rate, per 100,000 population

**Other Peer Counties Range**

**Healthy People 2020 goal is to reduce homicides** (Target based on 10 percent improvement)

Rate per 100,000

Chart (left) — Age-Adjusted Homicide Death Rate

Other Peer Counties Range: 8.6 – 10.7

Healthy People 2020 line: 5.5

**2009**
- U.S.: 5.4
- Bexar Co.: 7.3
- Harris Co.: 10.6
- Tarrant Co.: 3.8
- Dallas Co.: 8.5
- Texas: 5.9

**2001**
- U.S.: 6.0
- Bexar Co.: 7.7
- Harris Co.: 8.7
- Tarrant Co.: 6.5
- Dallas Co.: 12.4
- Texas: 6.4

Legend:
- U.S.
- Bexar Co.
- Harris Co.
- Tarrant Co.
- Dallas Co.
- Texas
- Healthy People 2020

## Dallas County Trend in Homicide Death Rates, 2001-2009

Rate per 100,000

| Year | Dallas Co. |
|------|-----------|
| 2009 | 8.5 |
| 2008 | 9.0 |
| 2007 | 10.1 |
| 2006 | 9.3 |
| 2005 | 10.0 |
| 2004 | 11.3 |
| 2003 | 10.5 |
| 2002 | 10.8 |
| 2001 | 12.4 |

Includes all homicide deaths. ICD 10 X85-Y09, Y87.1

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

Source: Texas Department of State Health Services website query system and special run by Lyudmila Baskin, Ph.D, Research Specialist, Texas Dept of State Health Services
Centers for Disease Control and Prevention, National Center for Health Statistics. Compressed Mortality File 1999-2007. CDC WONDER On-line Database, compiled from Compressed Mortality File 1999-2007 Series 20 No. 2M, 2010.
Accessed at http://wonder.cdc.gov/cmf-icd10.html on Jul 15, 2011 6:32:01 PM
Healthy People 2020 Objective   MHMD-1  http://www.healthypeople.gov/2020/topicsobjectives2020/objectiveslist.aspx?topicId=1
U.S. 2009 data source:  National Vital Statists Reports,  Deaths: Preliminary data for 2009, March 2011 Vol. 59., No.4.  pp. 41-43
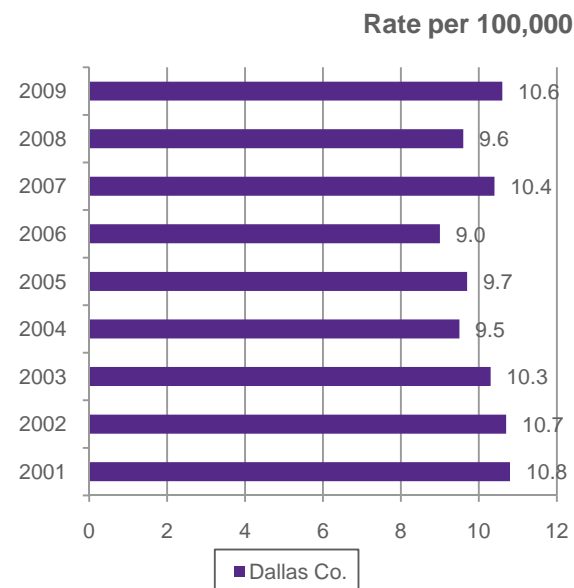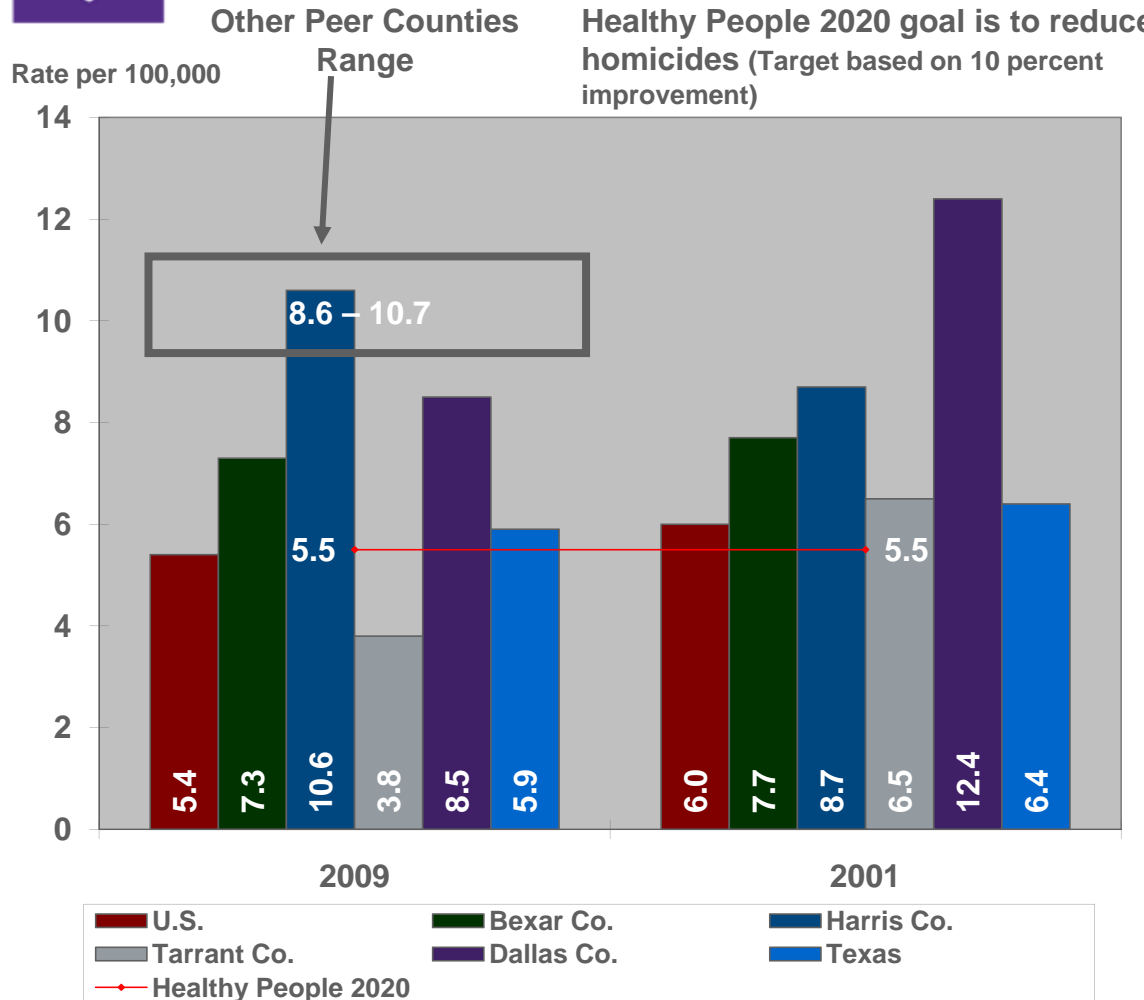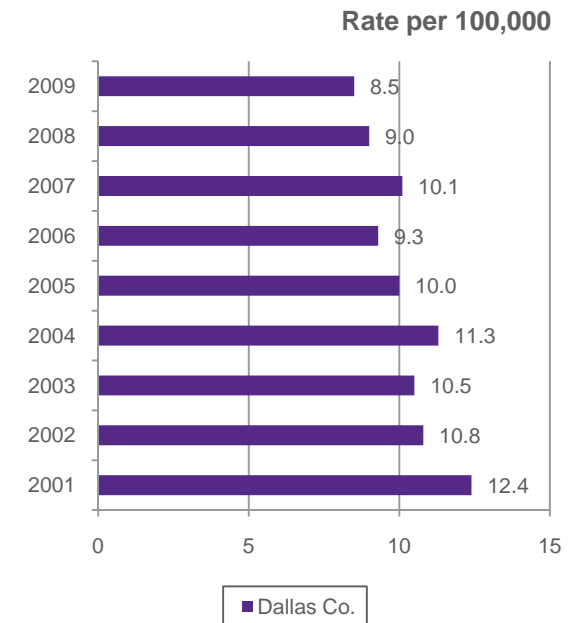
**Safety: Pedestrian Fatality Rates**

**Healthy People 2020 goal is based on 10% improvement**

Death Rate per 100,000 Population

| | 2009 | 2004 |
|---|---|---|
| Bexar | 2.06 | 2.35 |
| Harris | 1.33 | 2.15 |
| Tarrant | 1.01 | 1.46 |
| Dallas | 1.26 | 3.13 |
| Texas | 1.39 | 1.99 |
| Healthy People 2020 | 1.30 | 1.30 |

Legend: Bexar, Harris, Tarrant, Dallas, Texas, Healthy People 2020

**City of Dallas Trend 2005 to 2010**

| Year | Dallas County |
|---|---|
| 2009 | 1.3 |
| 2008 | 2.0 |
| 2007 | 2.1 |
| 2006 | 1.9 |
| 2005 | 2.6 |
| 2004 | 3.1 |
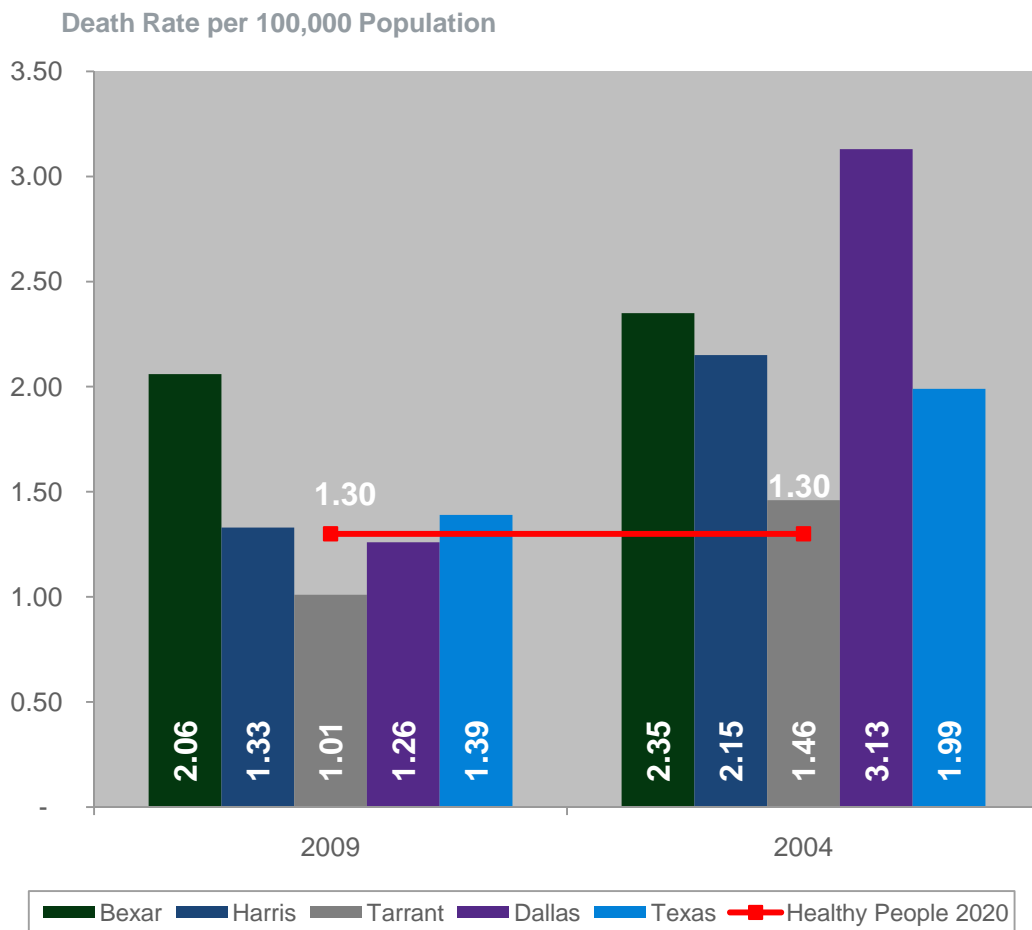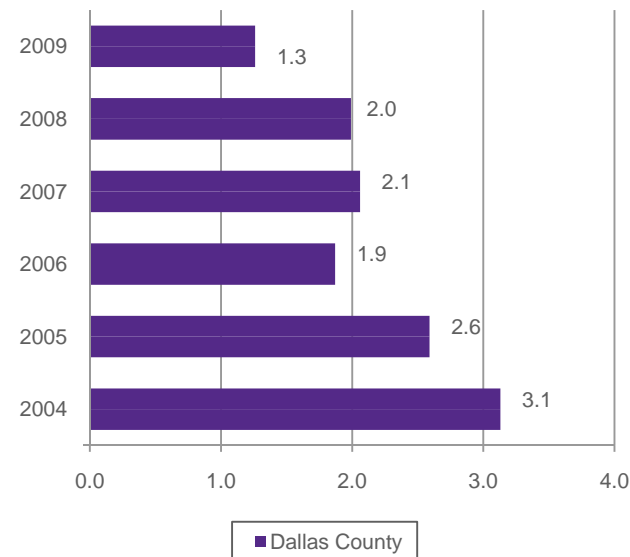
**Source: National Highway Traffic Safety Administration, Fatality Analysis Reporting System, http://www-fars.nhtsa.dot.gov/States/StatesPedestrians.aspx**

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# Social and Economic Factors

**Parkland**

- 🟢 – Doing better than the benchmark
- 🟡 – Same as/not significantly different from the benchmark
- 🔴 – Worse than the benchmark

| | Dallas County Compared to 8 Peer Counties (Quartiles) | Dallas County Compared to Past Years' Data (CI) |
|---|---|---|
| **People Over 65 Living Below the Poverty Level** | 🟢 | 🔴 |
| **People Living Below 200% of the Federal Poverty Level** | 🔴 | 🔴 |
| **People Living Below the Poverty Level** | 🔴 | 🔴 |

**Poverty** (branches to the three rows above)

**Percent of the population over the age of 65 living below the poverty level 2006 and 2009**
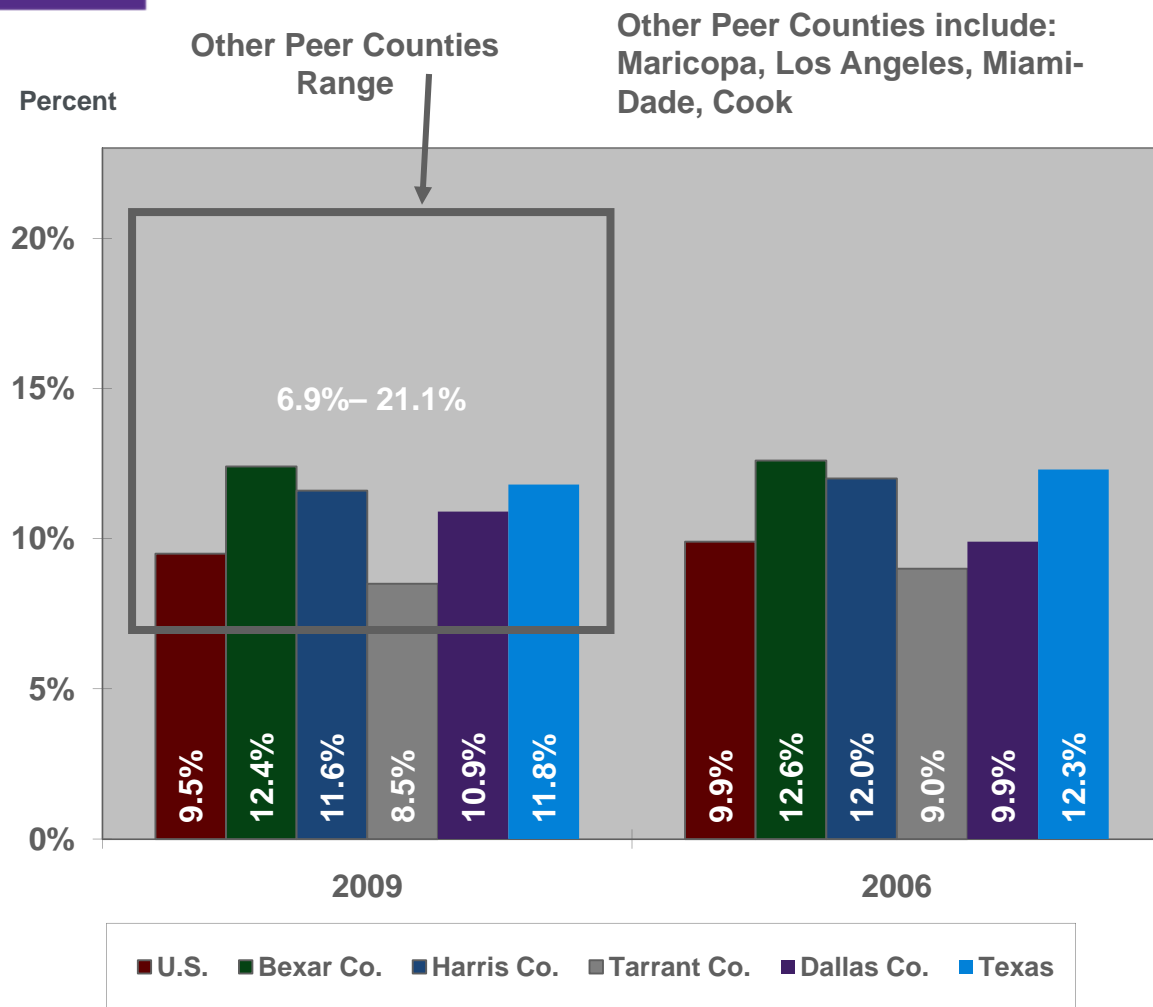
Other Peer Counties Range

Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook

Dallas County Trend for those 65 and over living below the Federal Poverty Level, 2006 - 2009

**Percent**

6.9%– 21.1%

2009 — 9.5%, 12.4%, 11.6%, 8.5%, 10.9%, 11.8%
2006 — 9.9%, 12.6%, 12.0%, 9.0%, 9.9%, 12.3%

■ U.S.  ■ Bexar Co.  ■ Harris Co.  ■ Tarrant Co.  ■ Dallas Co.  ■ Texas

Dallas County Trend:
2009 — 10.9%
2008 — 10.7%
2007 — 11.2%
2006 — 9.9%

■ Dallas Co.

Source: American Community Survey, 2006, 2007, 2008 and 2009

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# Percent of the population living below 200% of the federal poverty level 2006 and 2009

**Other Peer Counties Range**

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

**Dallas County Trend for those with Living below 200% of the Federal Poverty Level, 2006 - 2009**

Percent

33.2%– 41.9%

**2009**

- U.S. 32.7%
- Bexar Co. 40.1%
- Harris Co. 38.9%
- Tarrant Co. 33.3%
- Dallas Co. 42.9%
- Texas 38.2%

**2006**

- U.S. 31.2%
- Bexar Co. 39.3%
- Harris Co. 39.5%
- Tarrant Co. 31.1%
- Dallas Co. 39.8%
- Texas 38.3%

Legend: ■ U.S.  ■ Bexar Co.  ■ Harris Co.  ■ Tarrant Co.  ■ Dallas Co.  ■ Texas

Dallas County Trend (Percent):
- 2009: 42.9%
- 2008: 41.9%
- 2007: 40.0%
- 2006: 39.8%

■ Dallas Co.

**Source: American Community Survey, 2006, 2007, 2008 and 2009**

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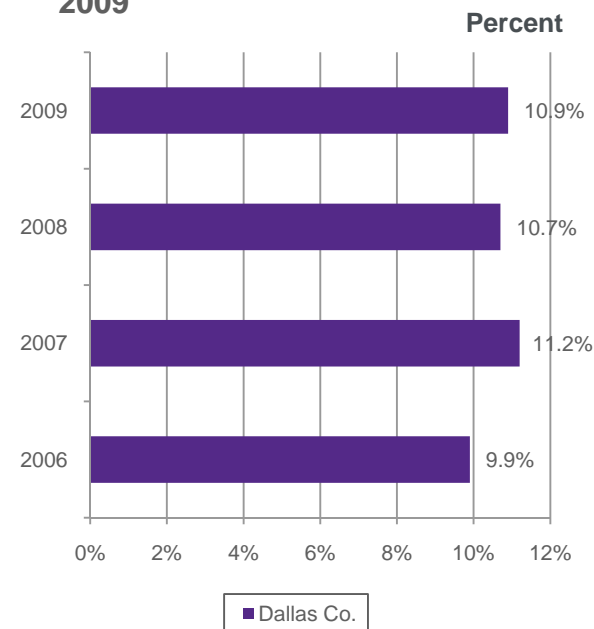
# Percent of the total population living below the poverty level 2006 and 2009

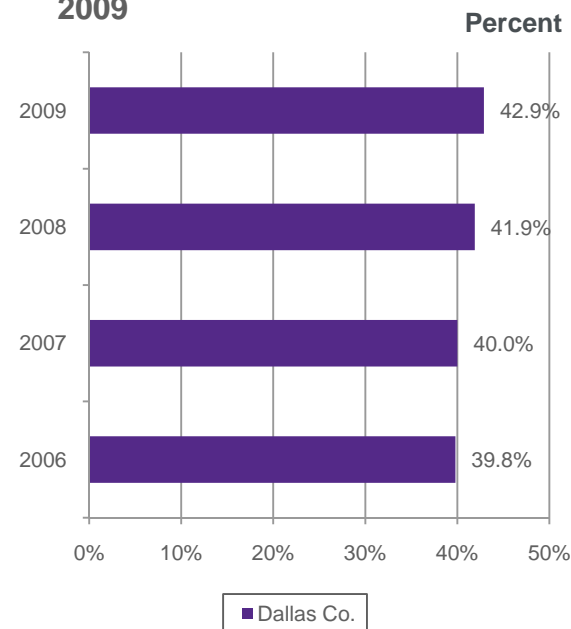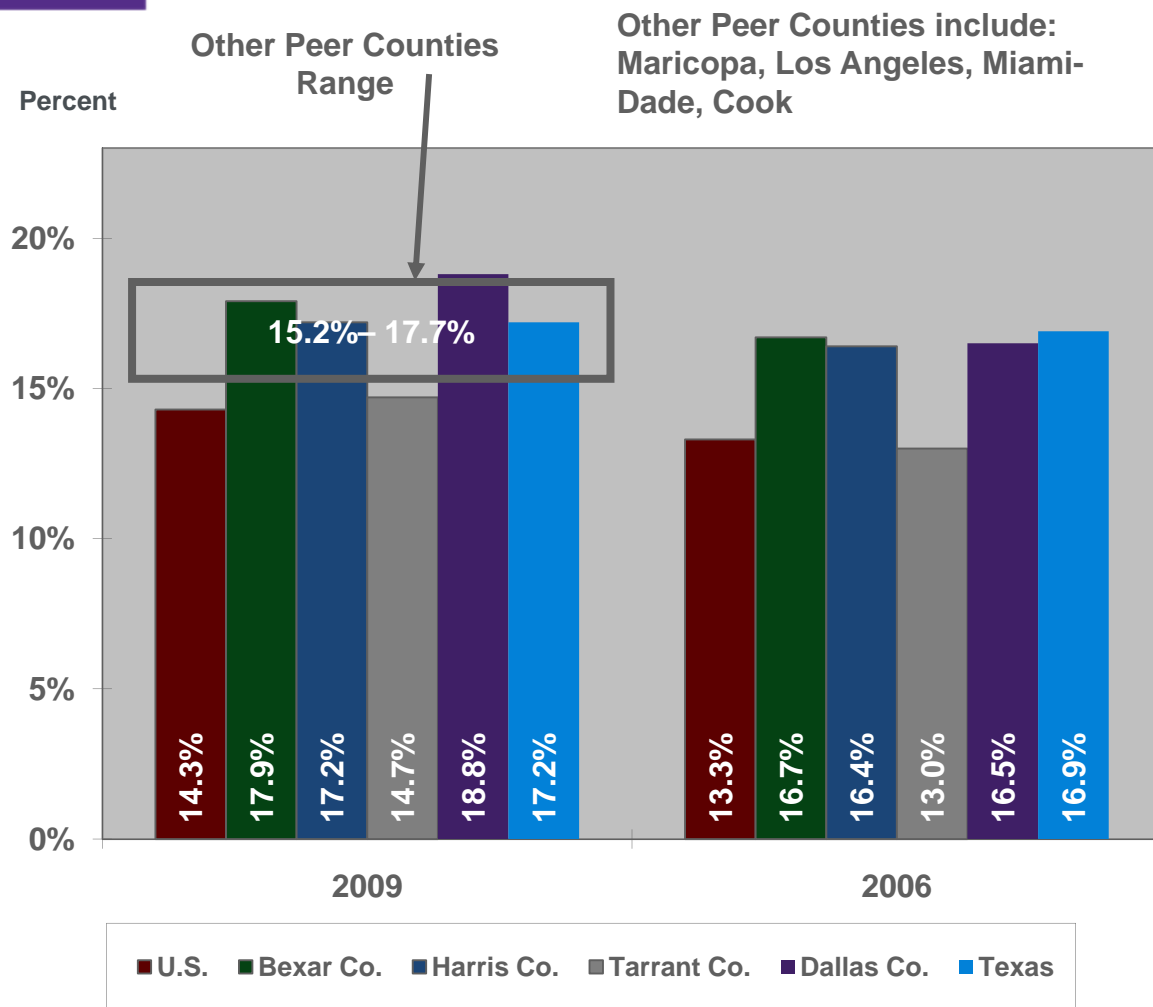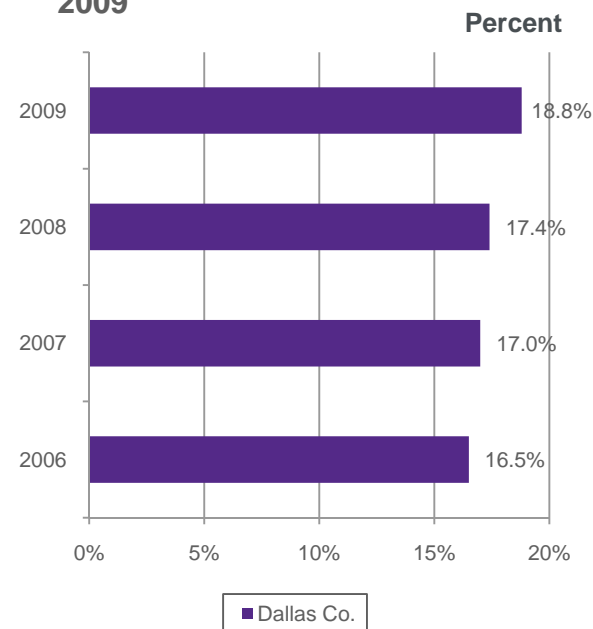Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook

Other Peer Counties Range

15.2% – 17.7%

**Percent**

Dallas County Trend for those 65 and over living below the Federal Poverty Level, 2006 - 2009

**2009 chart:**
- U.S.: 14.3%
- Bexar Co.: 17.9%
- Harris Co.: 17.2%
- Tarrant Co.: 14.7%
- Dallas Co.: 18.8%
- Texas: 17.2%

**2006 chart:**
- U.S.: 13.3%
- Bexar Co.: 16.7%
- Harris Co.: 16.4%
- Tarrant Co.: 13.0%
- Dallas Co.: 16.5%
- Texas: 16.9%

Legend: U.S., Bexar Co., Harris Co., Tarrant Co., Dallas Co., Texas

**Dallas County Trend (Percent):**
- 2009: 18.8%
- 2008: 17.4%
- 2007: 17.0%
- 2006: 16.5%

Dallas Co.

Source: American Community Survey, 2006, 2007, 2008 and 2009

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**Model for Determining Social/Community Dashboard**

Health Factors
- Health Behaviors
  - Diet and Exercise
    - Adult Fruit and Vegetable Consumption
    - Adult Overweight and Obesity Rate
    - Sufficient Physical Activity
    - Current Smokers
    - Binge Drinkers
- Social and Economic Factors
  - Education
    - Literacy
    - Health Literacy
    - High School Diploma
  - Employment
    - Unemployment Rate
    - Weekly Wages
  - Income
    - Children in Poverty
    - Income Inequality
    - Per Capita Income
    - Median Household Income
  - Households and Social Support
    - Social and Emotional Support
    - Single Parent Households
  - Housing Affordability & Supply
    - Minimum Wage Work Hours to Afford a 2-Bedroom Apartment
    - Renters Spending 30% or More of Household Income on Rent
  - Community Safety
    - Pedestrian Death Rate
    - All Injury Fatalities
    - Motor Vehicle Accident Fatalities
    - Suicide Rate
    - Homicide Rate
  - Poverty
    - People 65+ Living Below Poverty Level
    - People Living Below 200% of Poverty Level
    - People Living Below Poverty Level
- Physical Environment
  - Built Environment
    - Food Desert
    - Grocery Store Density
    - Convenience Store Density
    - SNAP Participants

# Community Need Index, 2009



**Community Need Index, Dallas County, 2009**

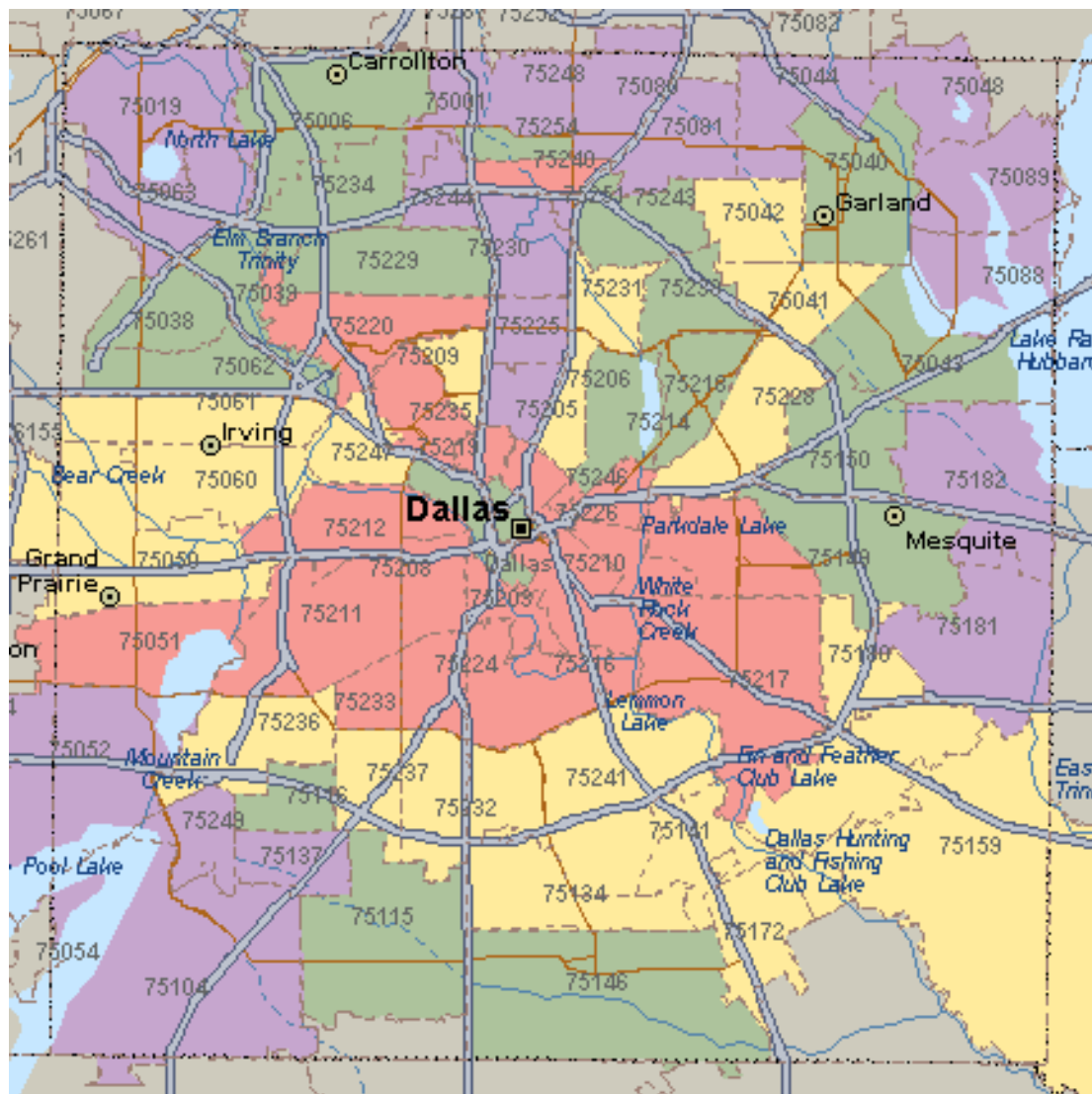| | |
|---|---|
| 🟥 | 4.6 to 5.0 |
| 🟨 | 4.0 to 4.5 |
| 🟩 | 3.4 to 3.9 |
| 🟪 | 1.6 to 3.3 |

The Community Need Index (CNI) aggregates a number of socioeconomic risk factors into a single need score.  Contributing factors include percent living in poverty, educational attainment, racial/ethnic minorities, percent with limited English, unemployment, lack of health insurance and percent living in rental housing.

The CNI ranks a geographic area (such as a ZIP code) on a 1-5 scale, with 5.0 being the highest risk, and 3.0 being the national median risk.
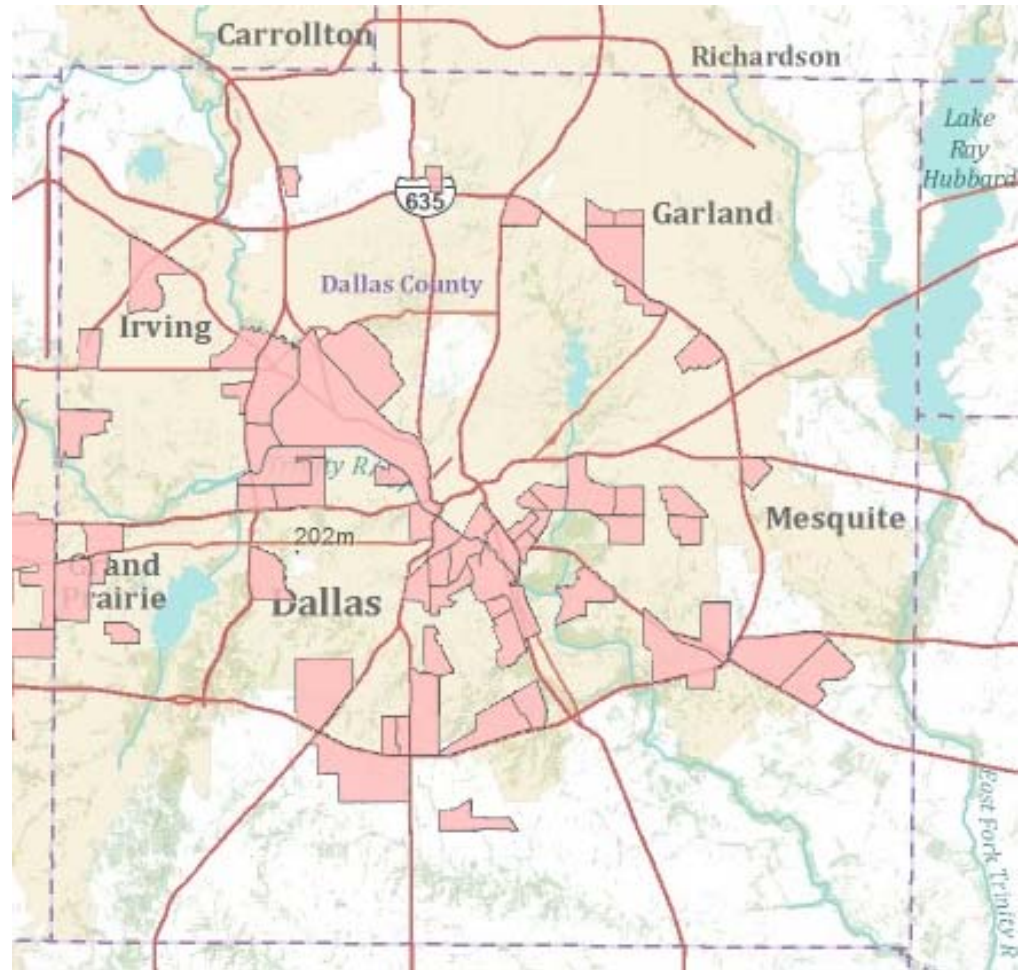
# USDA Food Deserts

The Healthy Food Financing Initiative (HFFI) Working Group defines a food desert as a *low-income census tract* where a substantial number or share of residents has *low access* to a supermarket or large grocery store. To qualify as low-income, census tracts must meet the Treasury Department's New Markets Tax Credit (NMTC) program eligibility criteria. Furthermore, to qualify as a food desert tract, at least 33 percent of the tract's population or a minimum of 500 people in the tract must have low access to a supermarket or large grocery store.

The NMTC program defines a *low-income census tract* as: any census tract where (1) the poverty rate for that tract is at least 20 percent, or (2) for tracts located within a metropolitan area, the median family income for the tract does not exceed 80 percent of the greater of statewide median family income or the metropolitan area median family income.

*Low access* to a healthy food retail outlet is defined as more than 1 mile from a supermarket or large grocery store in urban areas. The distance to supermarkets and large grocery stores is measured by the distance between the geographic center of the 1-km square grid that contains information on the population (number of people and other characteristics) and the nearest supermarket or large grocery store.  Once the distance to the nearest supermarket or large grocery store is calculated for each grid cell, the number of people or housing units more than one mile from a supermarket or large grocery store in urban tracts is aggregated to the census tract level.  If the aggregate number of people in the census tract with low access is at least 500 or the percentage of people in the census tract with low access is at least 33 percent, then the census tract is considered a food desert.



Source:  http://www.ers.usda.gov/data/fooddesert/
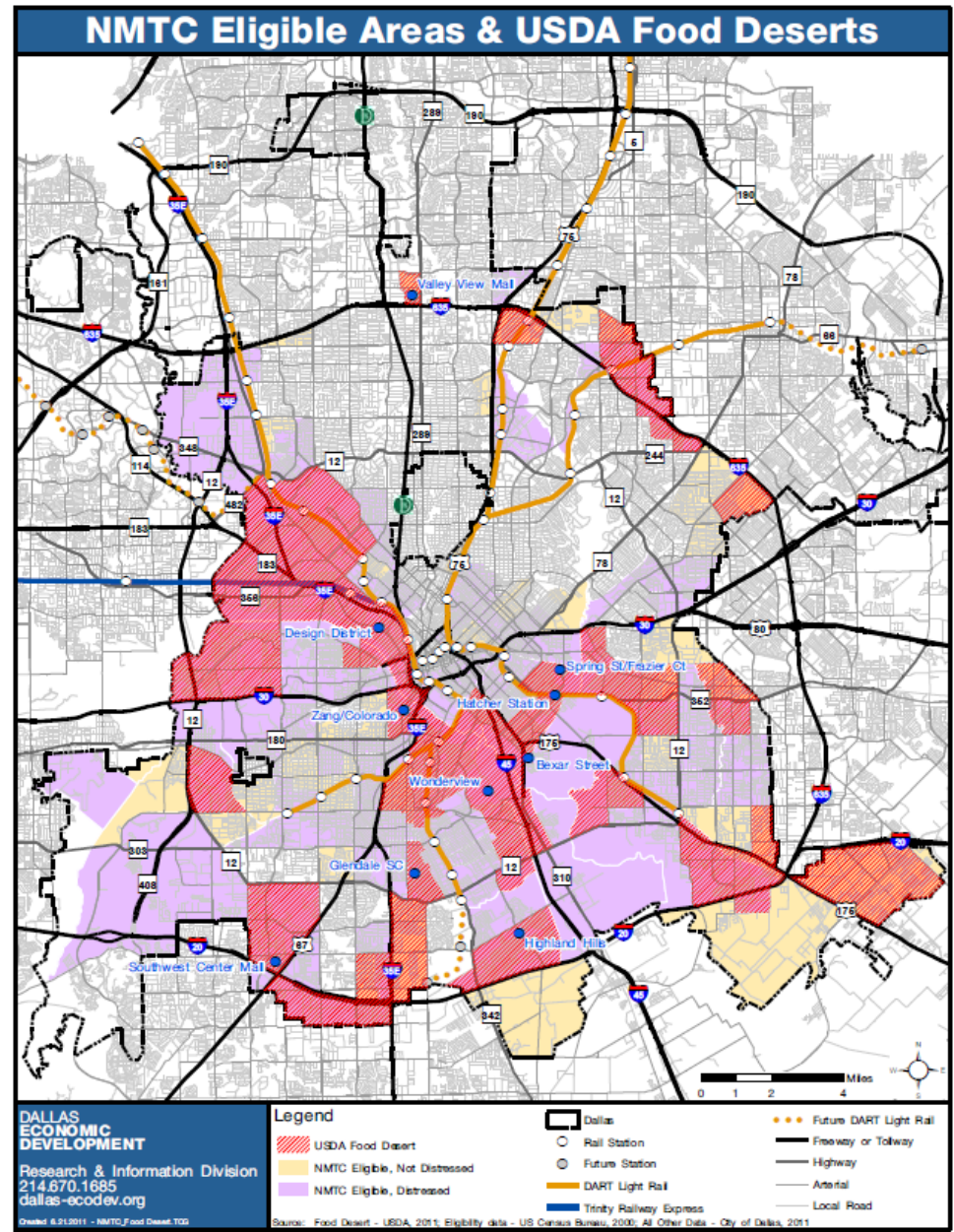
# New Market Eligible Areas and USDA Food Desert areas.

The Healthy Food Financing Initiative (HFFI) Working Group defines a food desert as a *low-income census tract* where a substantial number or share of residents has *low access* to a supermarket or large grocery store. To qualify as low-income, census tracts must meet the Treasury Department's New Markets Tax Credit (NMTC) program eligibility criteria. Furthermore, to qualify as a food desert tract, at least 33 percent of the tract's population or a minimum of 500 people in the tract must have low access to a supermarket or large grocery store.

The NMTC program defines a *low-income census tract* as: any census tract where (1) the poverty rate for that tract is at least 20 percent, or (2) for tracts located within a metropolitan area, the median family income for the tract does not exceed 80 percent of the greater of statewide median family income or the metropolitan area median family income.

*Low access* to a healthy food retail outlet is defined as more than 1 mile from a supermarket or large grocery store in urban areas. The distance to supermarkets and large grocery stores is measured by the distance between the geographic center of the 1-km square grid that contains information on the population (number of people and other characteristics) and the nearest supermarket or large grocery store.  Once the distance to the nearest supermarket or large grocery store is calculated for each grid cell, the number of people or housing units more than one mile from a supermarket or large grocery store in urban tracts is aggregated to the census tract level.  If the aggregate number of people in the census tract with low access is at least 500 or the percentage of people in the census tract with low access is at least 33 percent, then the census tract is considered a food desert.
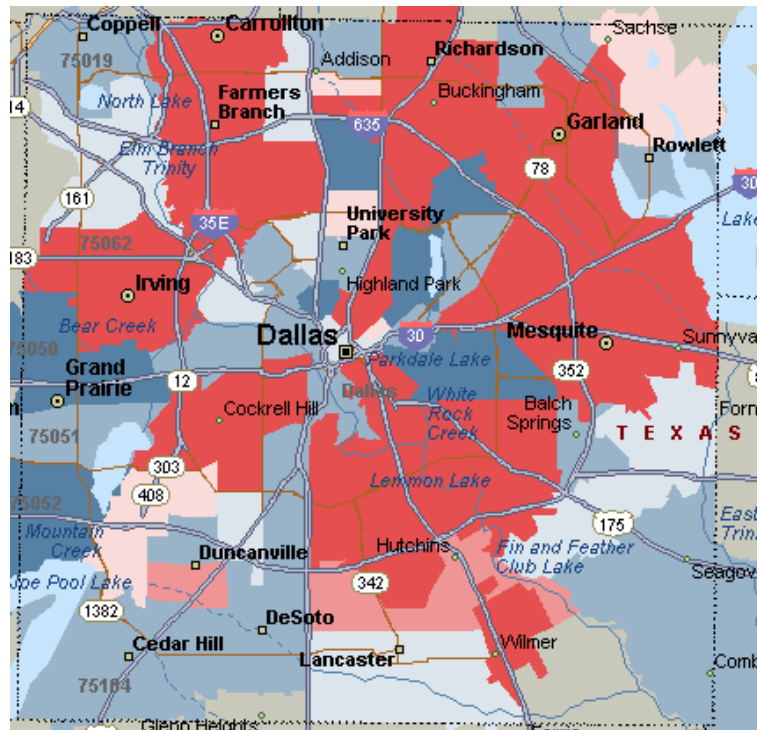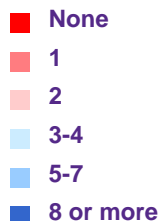


NMTC Eligible Areas & USDA Food Deserts

# Grocery Stores
## Counts and Density

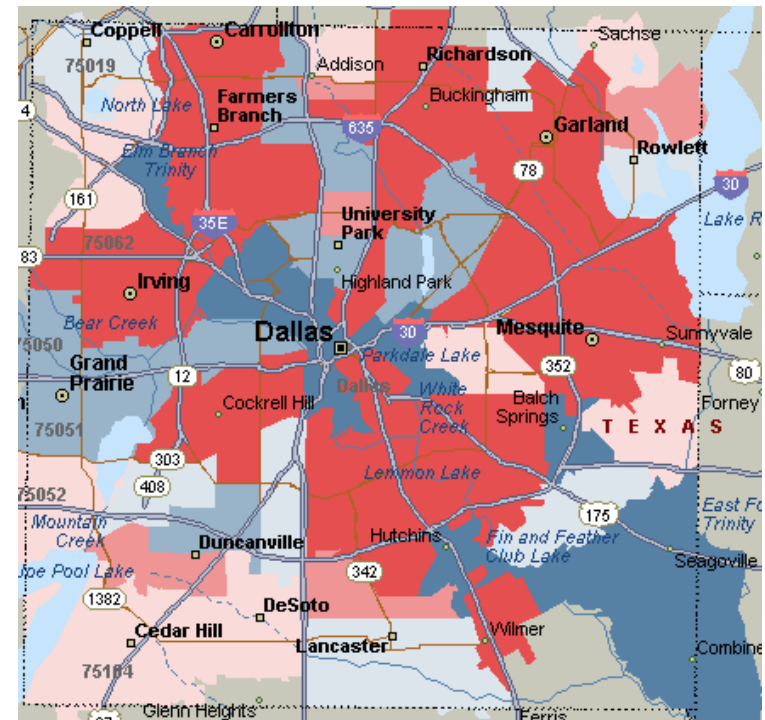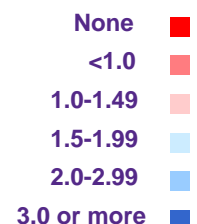## Number of Grocery Stores by ZIP Code

## Number of Grocery Stores per 10,000 Population by ZIP Code



**Number of Grocery Stores by ZIP Code**

- None
- 1
- 2
- 3-4
- 5-7
- 8 or more

**Number of Grocery Stores per 10,000 Population by ZIP Code**

- None
- <1.0
- 1.0-1.49
- 1.5-1.99
- 2.0-2.99
- 3.0 or more

# Convenience Stores
## Count and Density

**Number of Convenience Stores by ZIP Code**

**Number of Convenience Stores per 10,000 Population, by ZIP Code**

**Number of Convenience Stores by ZIP Code**

- 10 or more
- 7-9
- 5-6
- 4
- 3
- 2
- 1
- none

**Number of Convenience Stores per 10,000 Population, by ZIP Code**

- 6.0 or more
- 3.0-5.99
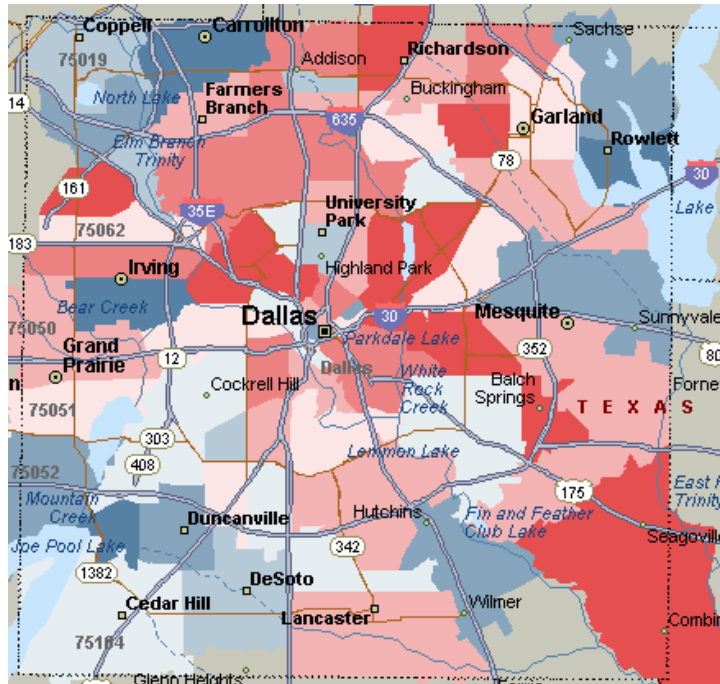- 2.5-2.99
- 2.0-2.49
- 1.5-1.99
- 1.0-1.49
- 0.5-0.99
- <0.5
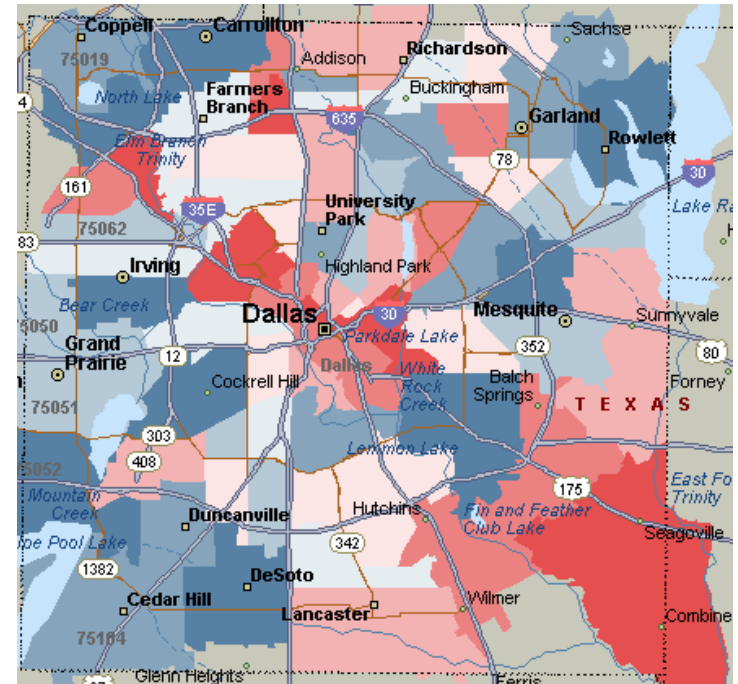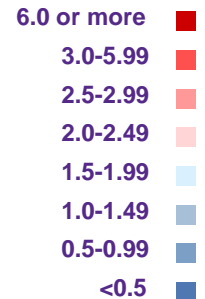
Sources: counts of business by type and ZIP code from 2007 Economic Census, US Bureau of the Census, http://factfinder.census.gov/servlet/DatasetMainPageServlet?_program=ECN&_submenuId=datasets_4
Denominator population data from Claritas, Inc., 2007 population estimates
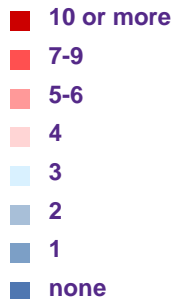
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# Percent of Households on SNAP Food Assistance, 2005-2009



**Percent of Households on SNAP Food Assistance in Past 12 Months, by Census Tract**

- 15.0 – 55.0%
- 9.0 – 14.9%
- 6.0 – 8.9%
- 3.0 – 5.9%
- 0 – 2.9%

# Model for Determining Social/Community Dashboard

**Parkland**



- **Health Factors**
  - **Health Behaviors**
    - **Diet and Exercise**
      - Adult Fruit and Vegetable Consumption
      - Adult Overweight and Obesity Rate
      - Sufficient Physical Activity
      - Current Smokers
      - Binge Drinkers
  - **Social and Economic Factors**
    - **Education**
      - Literacy
      - Health Literacy
      - High School Diploma
    - **Employment**
      - Unemployment Rate
      - Weekly Wages
    - **Income**
      - Children in Poverty
      - Income Inequality
      - Per Capita Income
      - Median Household Income
    - **Households and Social Support**
      - Social and Emotional Support
      - Single Parent Households
    - **Housing Affordability & Supply**
      - Minimum Wage Work Hours to Afford a 2-Bedroom Apartment
      - Renters Spending 30% or More of Household Income on Rent
    - **Community Safety**
      - Pedestrian Death Rate
      - All Injury Fatalities
      - Motor Vehicle Accident Fatalities
      - Suicide Rate
      - Homicide Rate
    - **Poverty**
      - People 65+ Living Below Poverty Level
      - People Living Below 200% of Poverty Level
      - People Living Below Poverty Level
  - **Physical Environment**
    - **Built Environment**
      - Food Desert
      - Grocery Store Density
      - Convenience Store Density
      - SNAP Participants

# Health Risk Behaviors – Other High Risk Behaviors

**Parkland**

- 🟢 – Doing better than the benchmark
- 🟡 – Same as/not significantly different from the benchmark
- 🔴 – Worse than the benchmark

| Health Risks | | Dallas County Compared to Healthy People 2020 Goal | Dallas County Compared to 8 Peer Counties (Quartiles) | Dallas County Compared to Past Years' Data (CI) |
|---|---|---|---|---|
| | Tobacco Use – Current Smokers | 🔴 | 🟡 | 🟡 |
| | Binge Drinking | 🟢 | 🟢 | 🟡 |
| Diet and Exercise | Obese and Overweight | 🟢 | 🟢 | 🟡 |
| | Sufficient Physical Activity | 🔴 | 🔴 | 🟡 |
| | Frequency of Five Fruits/ Vegetables per Day | N/A | 🔴 | 🟡 |
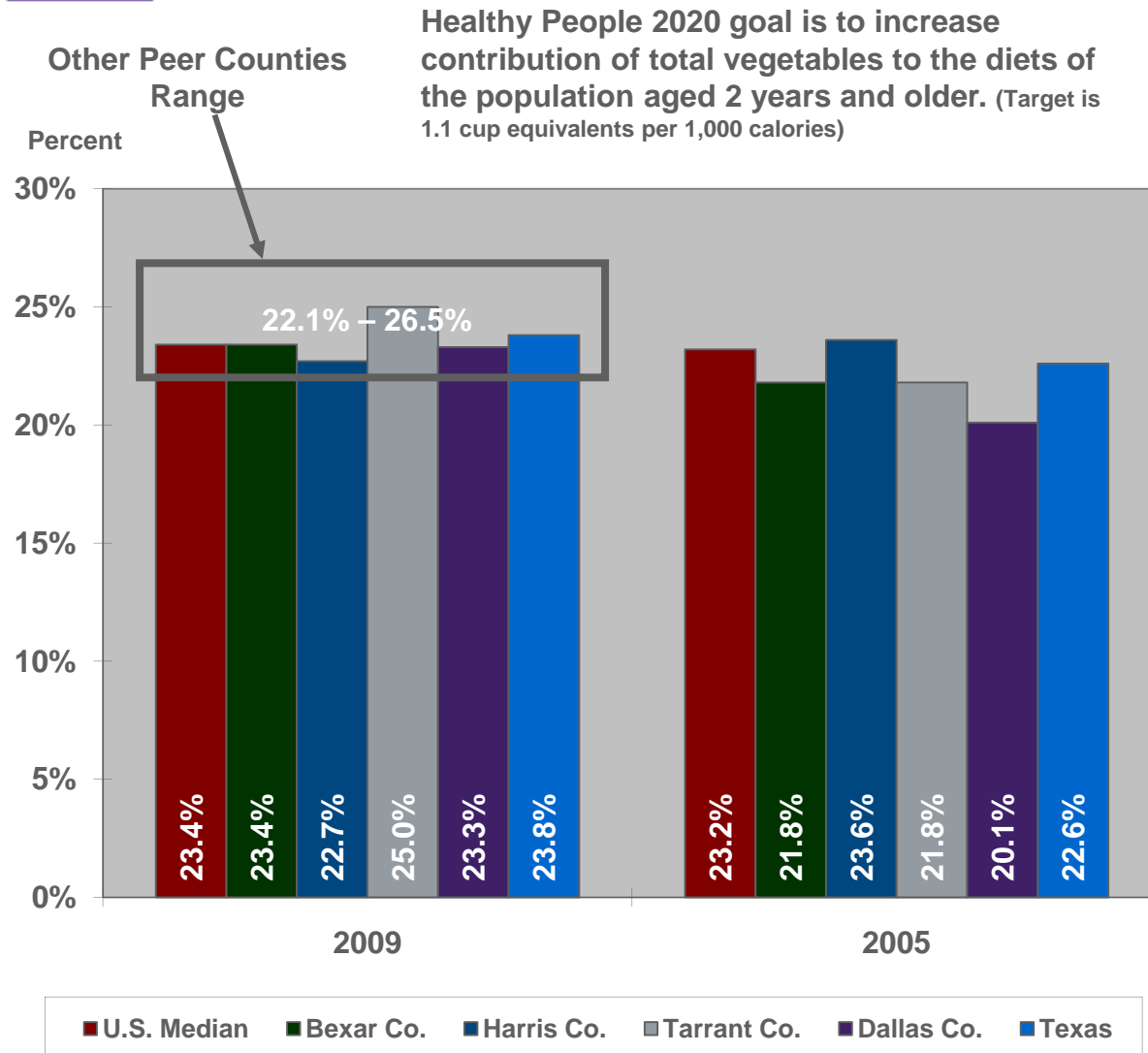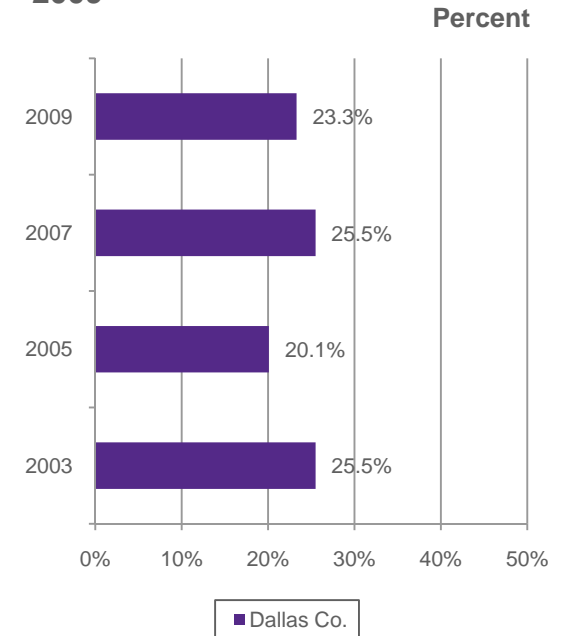
# Overweight and Obese: Adults* with a BMI Greater Than 25 and Greater Than 30, 2006 to 2010

Other Peer Counties Range

Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook
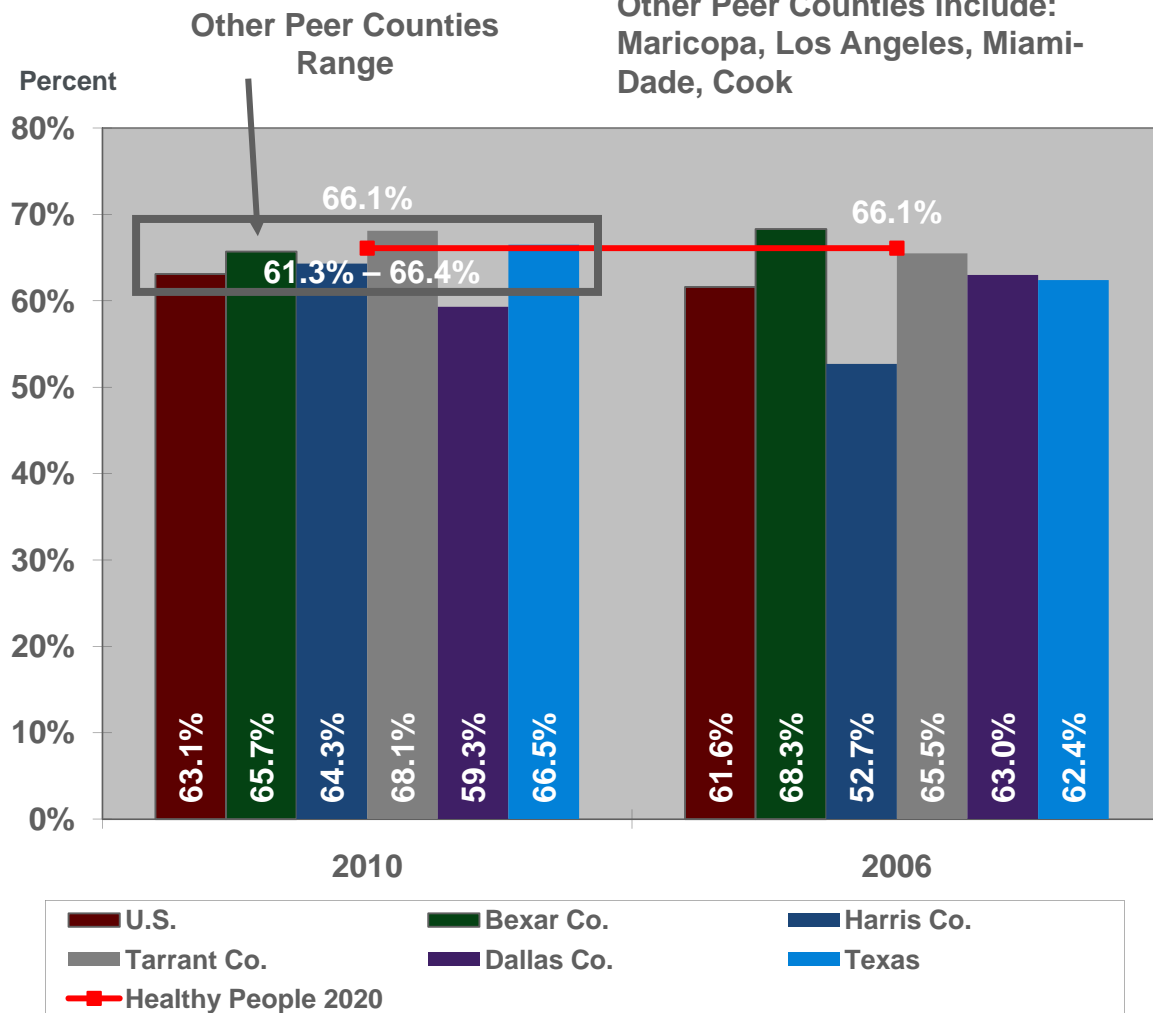
Dallas County Trend for Overweight or Obese, 2006 - 2010

**Percent**

66.1%

61.3% – 66.4%

66.1%

**2010**

| U.S. | 63.1% |
| Bexar Co. | 65.7% |
| Harris Co. | 64.3% |
| Tarrant Co. | 68.1% |
| Dallas Co. | 59.3% |
| Texas | 66.5% |

**2006**

| U.S. | 61.6% |
| Bexar Co. | 68.3% |
| Harris Co. | 52.7% |
| Tarrant Co. | 65.5% |
| Dallas Co. | 63.0% |
| Texas | 62.4% |

Legend:
- U.S.
- Bexar Co.
- Harris Co.
- Tarrant Co.
- Dallas Co.
- Texas
- Healthy People 2020

**Dallas County Trend (Percent)**

| Year | Percent |
|------|---------|
| 2010 | 59.3% |
| 2009 | 60.3% |
| 2008 | 71.3% |
| 2007 | 57.3% |
| 2006 | 63.0% |

■ Dallas Co.
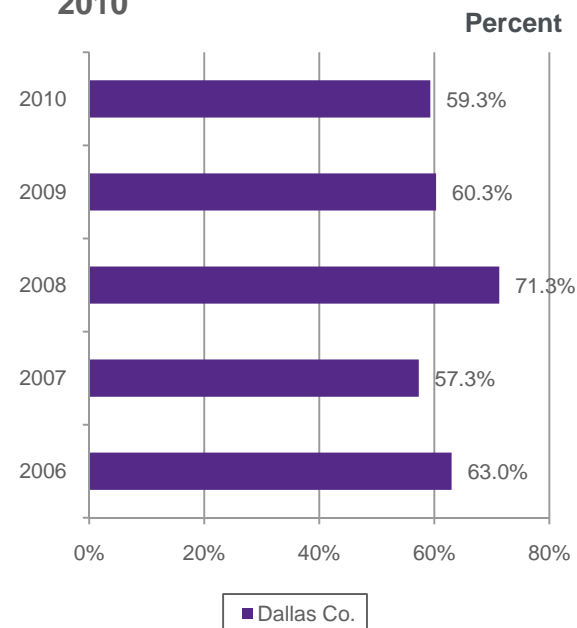
**Healthy People 2020 goal is to increase the proportion of adults who are at a healthy weight. Baseline and target are for adults over the age of 20. The data source available here is for adults over the age of 18.** (Target is a 10% increase. Baseline is at 30.8% of adults 20 and over at a healthy weight . The target is to increase to 33.9% of adults 20 and over at a healthy weight.)

*Adults are defined as ages 18 and over

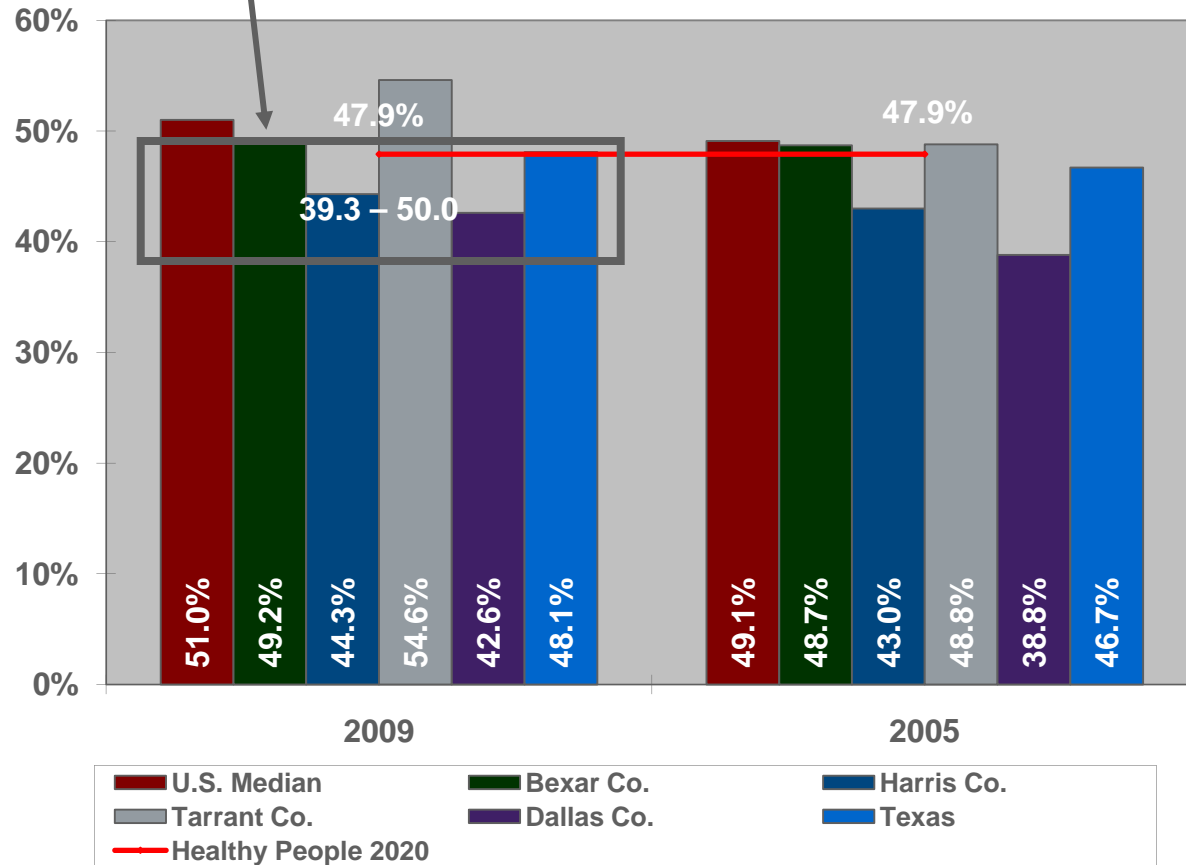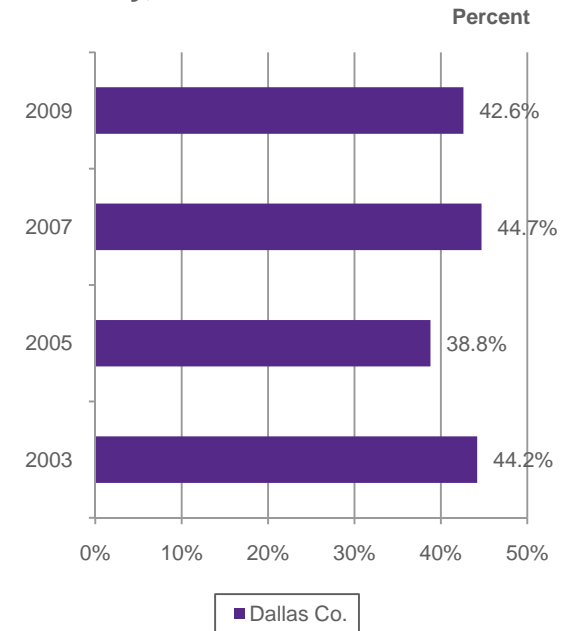**Diet and Exercise: Adults\* with 30+ minutes of moderate physical activity five or more days per week, or vigorous physical activity for 20+ minutes three or more days per week**

Healthy People 2020 goal is to increase the proportion of adults who engage in aerobic physical activity of at least moderate intensity for at least 150 minutes/week or 75 minutes/week of vigorous intensity, or an equivalent combination (Target set at 10 percent improvement)

Other Peer Counties Range

Percent

47.9%

39.3 – 50.0

47.9%

**2009**

- U.S. Median — 51.0%
- Bexar Co. — 49.2%
- Harris Co. — 44.3%
- Tarrant Co. — 54.6%
- Dallas Co. — 42.6%
- Texas — 48.1%

**2005**

- U.S. Median — 49.1%
- Bexar Co. — 48.7%
- Harris Co. — 43.0%
- Tarrant Co. — 48.8%
- Dallas Co. — 38.8%
- Texas — 46.7%

Legend:
- U.S. Median
- Bexar Co.
- Harris Co.
- Tarrant Co.
- Dallas Co.
- Texas
- Healthy People 2020

**Dallas County Trend for Physical Activity, 2003 to 2009**

Percent

- 2009 — 42.6%
- 2007 — 44.7%
- 2005 — 38.8%
- 2003 — 44.2%

■ Dallas Co.

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

Source: CDC BRFSS, 2003, 2005, 2007 and 2009
Healthy People 2020 Objective PA 2.1
http://www.healthypeople.gov/2020/topicsobjectives2020/objectiveslist.aspx?topicId=1
U.S. 2009 data source: Texas Department of State Health Services, BRFSS Program Office

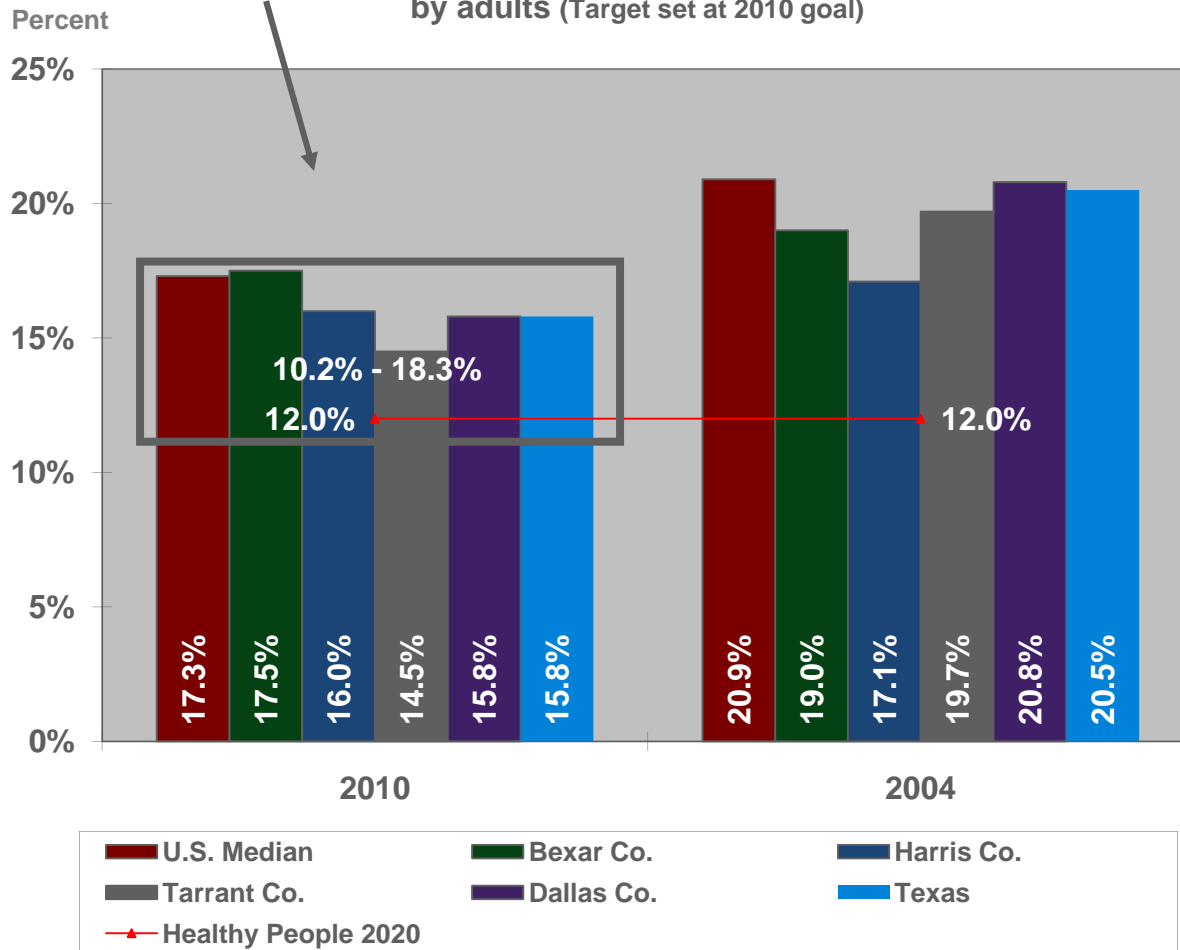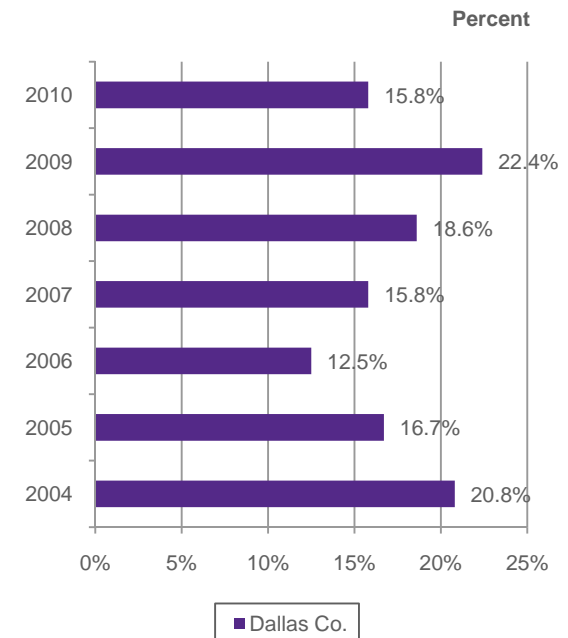\*Adults are defined as ages 18 and over

**Tobacco Use: Adults\* who are Current Smokers (Do you now smoke cigarettes every day, some days, or not at all)**

Other Peer Counties Range

Percent

Healthy People 2020 goal is to reduce tobacco use by adults (Target set at 2010 goal)

10.2% - 18.3%
12.0%
12.0%

**2010**
- U.S. Median: 17.3%
- Bexar Co.: 17.5%
- Harris Co.: 16.0%
- Tarrant Co.: 14.5%
- Dallas Co.: 15.8%
- Texas: 15.8%

**2004**
- U.S. Median: 20.9%
- Bexar Co.: 19.0%
- Harris Co.: 17.1%
- Tarrant Co.: 19.7%
- Dallas Co.: 20.8%
- Texas: 20.5%

Legend:
- U.S. Median
- Bexar Co.
- Harris Co.
- Tarrant Co.
- Dallas Co.
- Texas
- Healthy People 2020

**Dallas County Trend for Rate of Current Smokers, 2004 to 2010**

Percent

| Year | Dallas Co. |
|------|-----------|
| 2010 | 15.8% |
| 2009 | 22.4% |
| 2008 | 18.6% |
| 2007 | 15.8% |
| 2006 | 12.5% |
| 2005 | 16.7% |
| 2004 | 20.8% |

Dallas Co.

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

Source: CDC BRFSS, 2004 – 2010
Healthy People 2020 Objective   TU 1.1
http://www.healthypeople.gov/2020/topicsobjectives2020/objectiveslist.aspx?topicId=1

\*Adults are described as 18 and over

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# Alcohol Use: Binge Drinkers (Males over the age of 18 who have had 5 or more drinks on one occasion; females who have had 4 or more drinks on one occasion)

**Other Peer Counties Range**

Healthy People 2020 goal is to reduce the proportion of adults that engaged in binge drinking during past month (Target set at 10% improvement)

Percent

**24.3%** ◄——————————————► **24.3%**

**11.6%-18.8%**

## 2010
- U.S. Median: 15.1%
- Bexar Co.: 19.7%
- Harris Co.: 14.3%
- Tarrant Co.: 15.3%
- Dallas Co.: 10.9%
- Texas: 14.7%

## 2004
- U.S. Median: 15.1%
- Bexar Co.: 17.5%
- Harris Co.: 18.2%
- Tarrant Co.: 10.5%
- Dallas Co.: 16.5%
- Texas: 15.7%

**Legend:**
- U.S. Median
- Bexar Co.
- Harris Co.
- Tarrant Co.
- Dallas Co.
- Texas
- Healthy People 2020

### Dallas County Trend for Binge Drinking, 2004 to 2010

Percent

- 2010: 10.9%
- 2009: 8.7%
- 2008: 15.0%
- 2007: 17.2%
- 2006: 14.9%
- 2005: 10.6%
- 2004: 16.5%

(0% — 5% — 10% — 15% — 20%)

■ Dallas Co.

**Other Peer Counties include: Maricopa, Los Angeles, Miami-Dade, Cook**

Source: CDC BRFSS, 2004 – 2010
Healthy People 2020 Objective   TU 1.1
http://www.healthypeople.gov/2020/topicsobjectives2020/objectiveslist.aspx?topicId=1
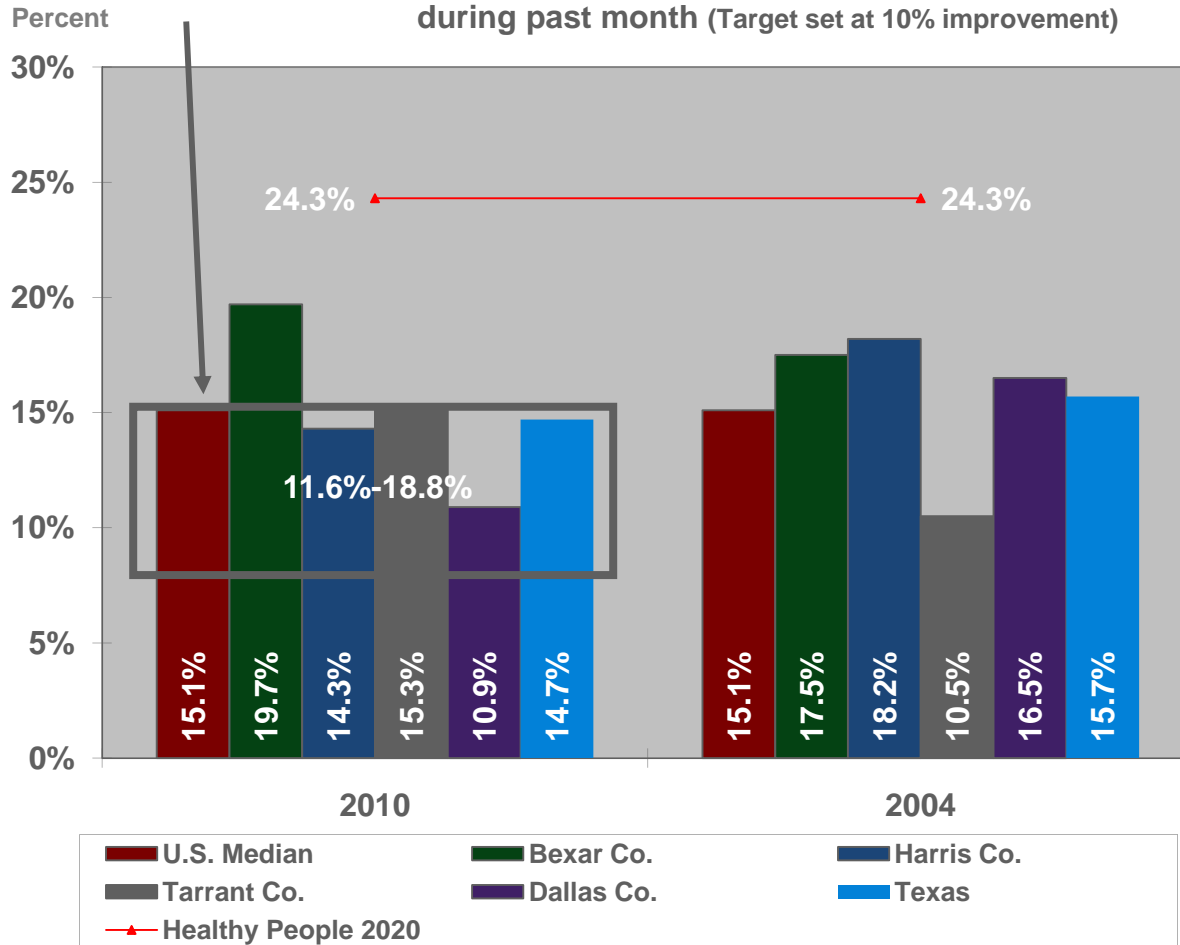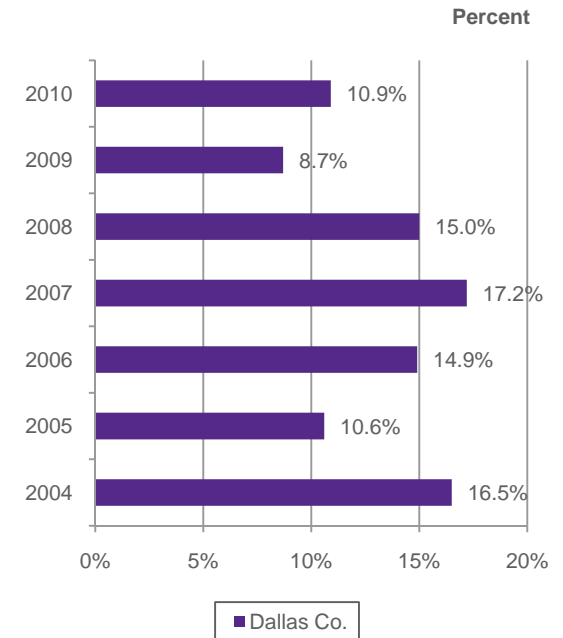
*Adults are described as 18 and over

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**Green – Doing better than the benchmark**

**Yellow – Same as/not significantly different from the benchmark**

**Red – Worse than the benchmark**

**Healthy People 2010 benchmark – higher, lower or same**

**Peer County Comparison benchmark – if Dallas County is in first or second quartile, green; third quartile, yellow; fourth quartile, red (method used for county rankings by Health Matters)**

**Dallas County Trend benchmark – if only 1-3 years of previous Dallas County data are available, calculate percent difference from earliest year's data to most recent, assign red/yellow/green for worse/same/better; if 4 or more years of previous Dallas County data are available, calculate 95% Confidence Interval from distribution of all previous annual data points (using counts, not rates, for rare data using Poisson 95% CI, and rates as "p" for calculating 95% CI using binomial data), and assign green for statistically significantly better, red for statistically significantly worse, or yellow for no significant difference. For BRFSS questions, latest year's data and 95% Confidence Interval was compared with that of the most recent previous year, and if the 95% Confidence Intervals overlapped, the Trend was considered not significantly different.  If the Confidence Intervals did not overlap, the trend was significantly higher or lower.**