

# Making an Impact: Why DATA Matters Workshop

*[www.healthywilliamsoncounty.org](http://www.healthywilliamsoncounty.org)*

October 2017

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# Objectives

Welcome

Data 101

Case  
Studies

Unique  
Features

# Welcome and Introductions



# History and Overview



# Data 101



# Indicator Topics

- Access to Health Services
- Cancer
- Diabetes
- Disabilities
- Exercise, Nutrition, Weight
- Heart Disease & Stroke
- Immunizations & Infectious Diseases
- Mental Health & Mental Disorders
- Older Adults & Aging
- Chronic Disease
- Substance Abuse
- Employment
- Poverty
- Income
- School Environment
- Built Environment
- Transportation
- Demographic
- Disparities

# Indicator Sources

- 500 Cities Project\*\*
- CDC
- CMS
- County Health Rankings
- Feeding America
- National Cancer Institute
- Behavioral Risk Factor Surveillance System
- DSHS
- TEA
- US Census
- USDA
- EPA
- American Community Survey
- Nielsen Claritas

# Finding Data

HEALTHY  
WILLIAMSON  
COUNTY

*Be healthy. Live well.*



WilCo Wellness  
Alliance

Health Priorities



WilCo Data

Tools & Resources

Learn More

2016 COMMUNITY  
HEALTH  
ASSESSMENT  
WILLIAMSON COUNTY, TEXAS

All Williamson County Data  
Disparities Data  
Demographic Data  
Compare Indicators  
Customize a Quick Report  
View SocioNeeds Index  
County Health Rankings

2017-2019 Community Health  
Improvement Plan

2016 Community Health Assessment

The WilCo Wellness Alliance

Community Calendar

THE  
TOP 5

HEALTH PRIORITIES  
in Williamson County



# Finding Data

There are five ways to search for data.

1. Search by keyword
2. Find an indicator
3. Find a location
4. Build a custom dashboard
5. Select a dashboard



## Community Health Dashboards

[Build a Custom Dashboard](#)

Learn about your community's health and wellness. Compare indicators for your community against state averages, county values, and target goals. Discover areas of excellence and improvement in your community.

### #1: Search by keyword

🔍 diabetes

Find an Indicator



OR

Find a Location



# Community Health Dashboards

Build a Custom Dashboard

Learn about your community's health and wellness. Compare indicators for your community against state averages, county values, and target goals. Discover areas of excellence and improvement in your community.

Search by Keyword

## #2: Find an Indicator

Find an Indicator

diabetes

**Health / Diabetes**

- Adults 20+ with Diabetes
- Adults with Diabetes
- Age-Adjusted Death Rate due to Diabetes
- Age-Adjusted Hospitalization Rate due to Diabetes
- Age-Adjusted Hospitalization Rate due to Long-Term Complications of Diabetes

OR

Find a Location



### Children Dashboard

View all indicators related to children.



### Hospitalization Data

View all hospitalization indicators by zip-code.



View all past indicators related to 2014-2016 Community Health Improvement Plan.

# Community Health Dashboards

Build a Custom Dashboard

## Location Examples:

Williamson County

City

- Bartlett
- Georgetown
- Hutto
- Round Rock
- Taylor

Zip Code

- 78626
- 76511

Census Tract

Compare indicators for your community against state averages, excellence and improvement in your community.

## #3: Find a Location

OR

Find a Location

**Zip Code**

78626

Williamson

**Census Place (City)**

Austin

Bartlett



View all hospitalization indicators by zip-code.

2014-2016 Community Health Improvement Plan.



## Community Health Dashboards

## #4: Build a Custom Dashboard

[Build a Custom Dashboard](#)

Learn about your community's health and wellness. Compare indicators for your community against state averages, county values, and target goals. Discover areas of excellence and improvement in your community.

🔍 Search by Keyword

Find an Indicator

OR

Find a Location

# Build a Customized Dashboard

In the fields below, search for indicators by location, topic, age group, classification, subgroup, or comparison. No fields are required, but we suggest selecting a location or two to start.

Visit the [Indicator List Page](#) to see the full list of indicators and locations available on the site.

 Curated Dashboards

Filter Indicators



Select Indicators



Filter by Locations



Filter by Comparisons



Filter & Display Subgroups



Filter by Sources



Group by

Additional Se

American Community Survey

CDC - 500 Cities Project

Centers for Disease Control and Prevention

Centers for Medicare & Medicaid Services

Community Health Improvement Plan 2014-2016

County Health Rankings



Search



## Community Health Dashboards

[Build a Custom Dashboard](#)

Learn about your community's health and wellness. Compare indicators for your community against state averages, county values, and target goals. Discover areas of excellence and improvement in your community.

OR



## Aging Dashboard

View all indicators related to aging population.



## Children Dashboard

View all indicators related to children.



## CHIP 2014-2016

View all past indicators related to 2014-2016 Community Health Improvement Plan.



## Hospitalization Data

View all hospitalization indicators by zip-code.



## Social and Physical Determinants of Health



## All Data

This dashboard contains data for all indicators at all locations



## Disparities Dashboard

View all indicators that include breakout data by topics such as race/ethnicity, age and gender



## Healthy People 2020 Progress Tracker



## Indicator List by Location

View a list of all indicators and see at what location data is available



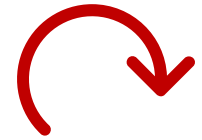
## Demographics Dashboard

Learn about the demographics of Williamson County

**#5: Select a Dashboard**



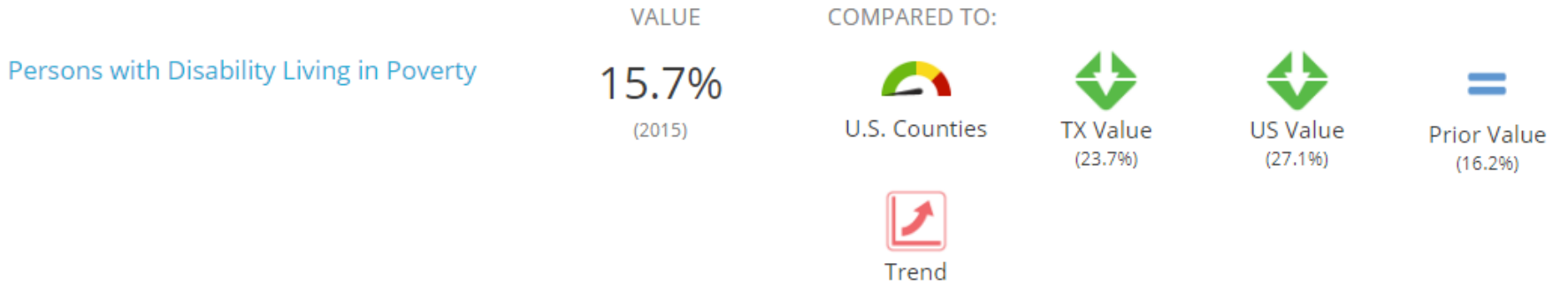
# Social and Physical Determinants of Health



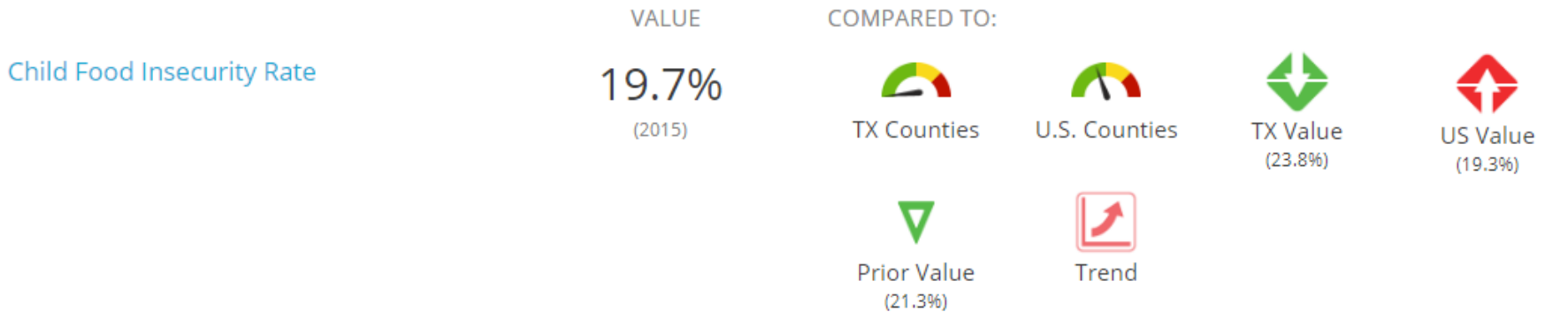
Williamson

Turn Colorblind Mode On

## Health / Disabilities



## Health / Exercise, Nutrition, & Weight



## Economy / Income

Median Household Income

VALUE  
**\$73,750**  
(2011-2015)

COMPARED TO:



TX Counties



U.S. Counties



TX Value  
(\$53,207)



US Value  
(\$53,889)



Prior Value  
(\$72,118)



Trend

Per Capita Income

**\$31,876**  
(2011-2015)



TX Counties



U.S. Counties



TX Value  
(\$26,999)



US Value  
(\$28,930)



Prior Value  
(\$31,709)



Trend

# Median Household Income

County: Williamson ▼

Measurement Period: 2011-2015 ▼

This indicator shows the median household income. Household income is defined as the sum of money received over a calendar year by all household members 15 years and older.

## Why is this important?

- i** Median household income reflects the relative affluence and prosperity of an area. Areas with higher median household incomes are likely to have more educated residents and lower unemployment rates. Higher employment rates lead to better access to healthcare and better health outcomes, since many families get their health insurance through their employer. Areas with higher median household incomes also have higher home values and their residents enjoy more disposable income.

## County: Williamson

# \$73,750

Source: [American Community Survey](#) 

Measurement period: 2011-2015

Maintained by: Healthy Communities Institute

Last update: January 2017

### COMPARED TO



TX Counties



U.S. Counties



TX Value  
(\$53,207)



US Value  
(\$53,889)



Prior Value  
(\$72,118)



Trend

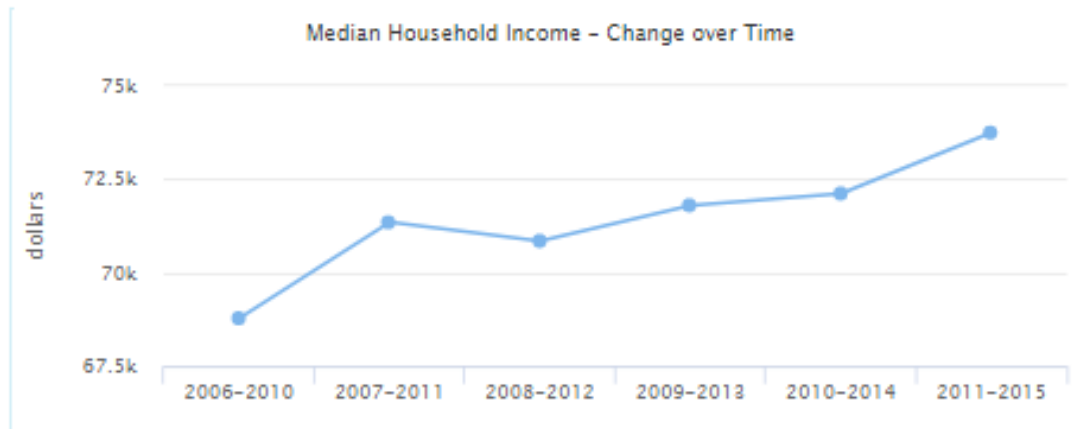
## Graph Selections

### INDICATOR VALUES

- Change over Time

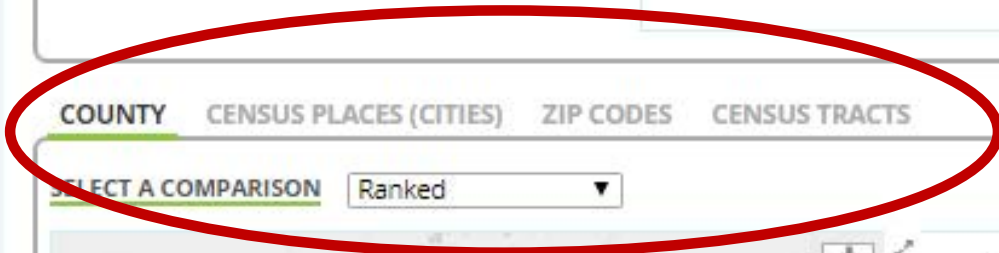
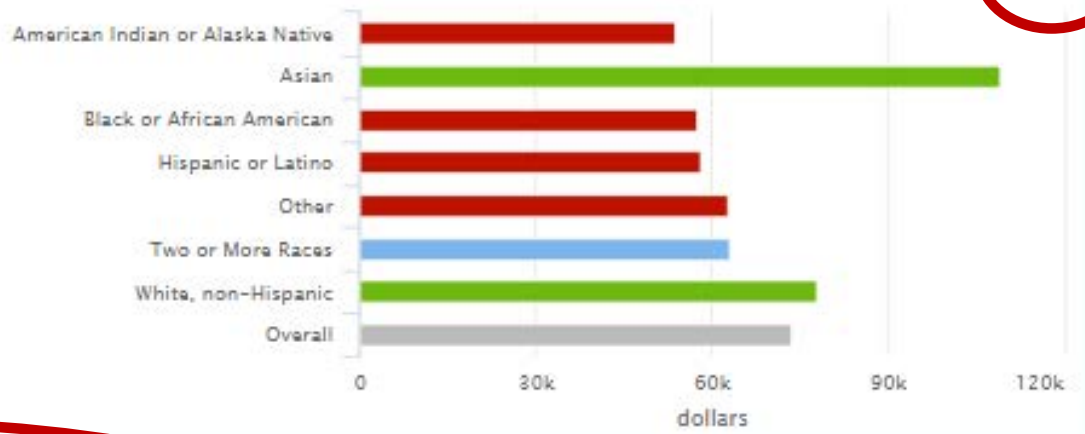
### VIEW BY SUBGROUP

- Race/Ethnicity



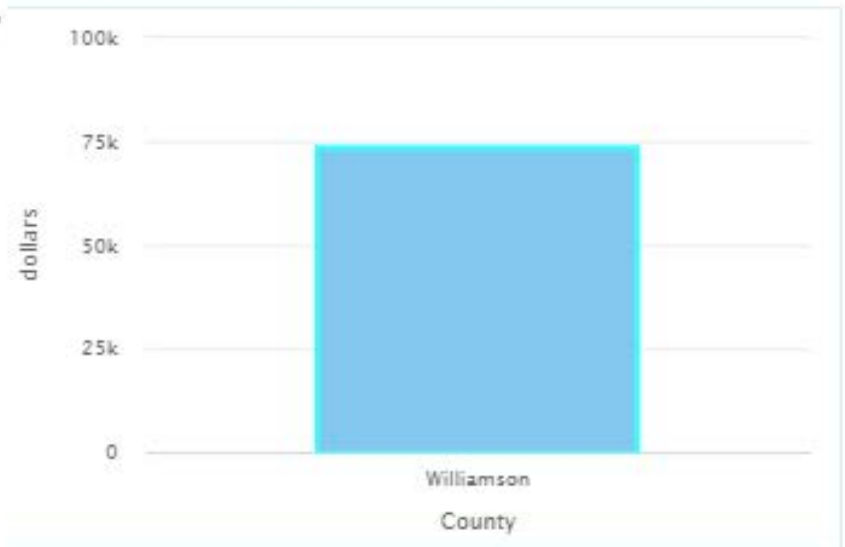
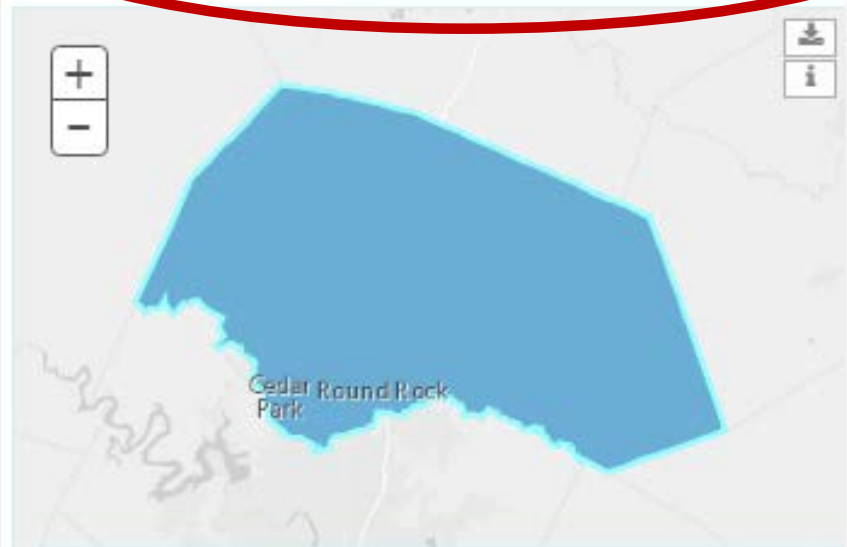


Median Household Income by Race/Ethnicity



COUNTY CENSUS PLACES (CITIES) ZIP CODES CENSUS TRACTS

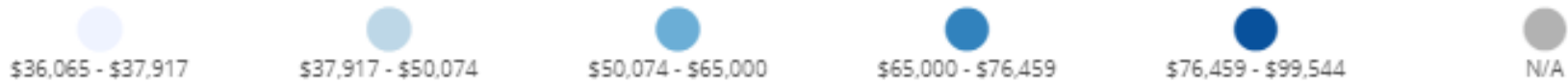
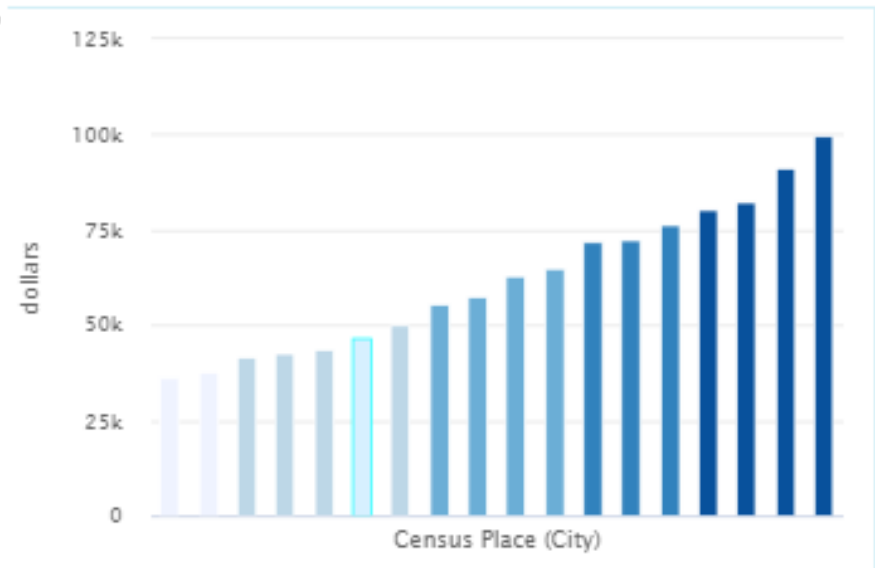
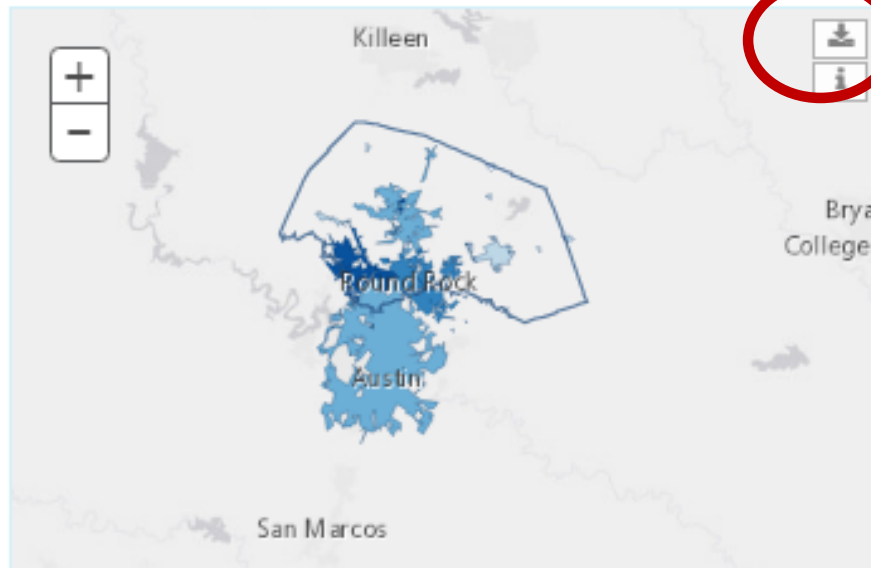
SELECT A COMPARISON Ranked



\$73,750 N/A

**SELECT A COMPARISON**

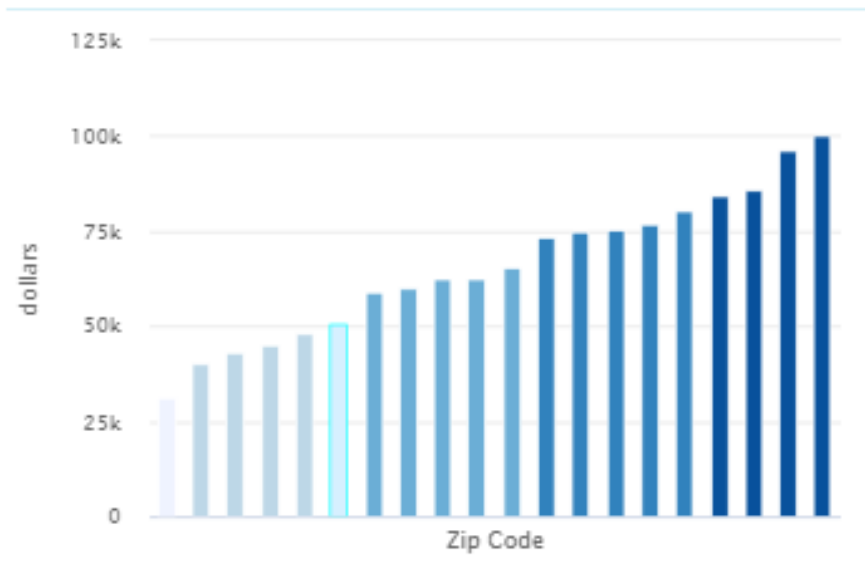
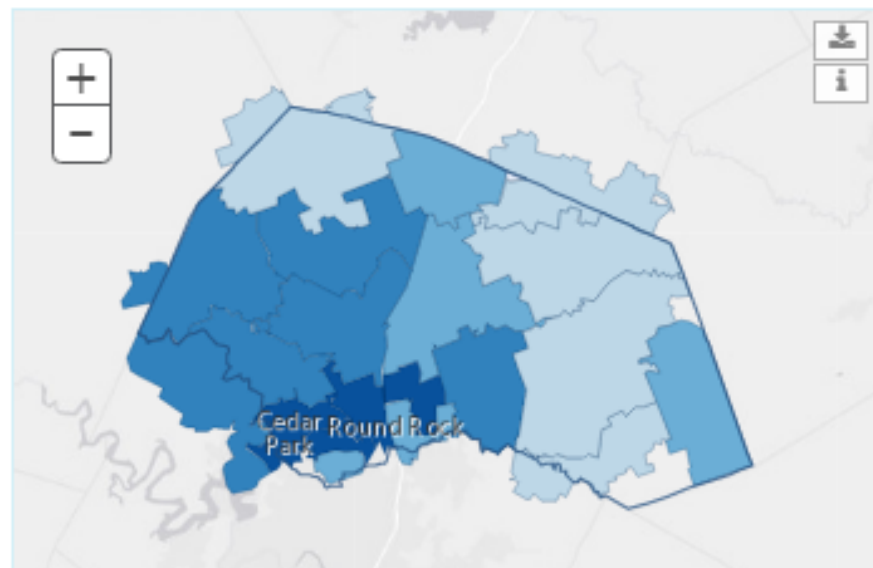
- Grouped 
  TX Census Places 
  U.S. Census Places 
  Williamson, TX County Value 
  TX State Value 
  U.S. Value



Census Place (City)	Source	Measurement Period	Dollars
Bartlett	American Community Survey	2011-2015	\$36,065
Thrall	American Community Survey	2011-2015	\$37,917
Florence	American Community Survey	2011-2015	\$41,875
Taylor	American Community Survey	2011-2015	\$42,793
Granger	American Community Survey	2011-2015	\$43,542
Thorndale	American Community Survey	2011-2015	\$46,875
Liberty Hill	American Community Survey	2011-2015	\$50,074

**SELECT A COMPARISON**

- Grouped 
  TX Zip Codes 
  U.S. Zip Codes 
  Williamson, TX County Value 
  Prior Value 
  Trend over Time

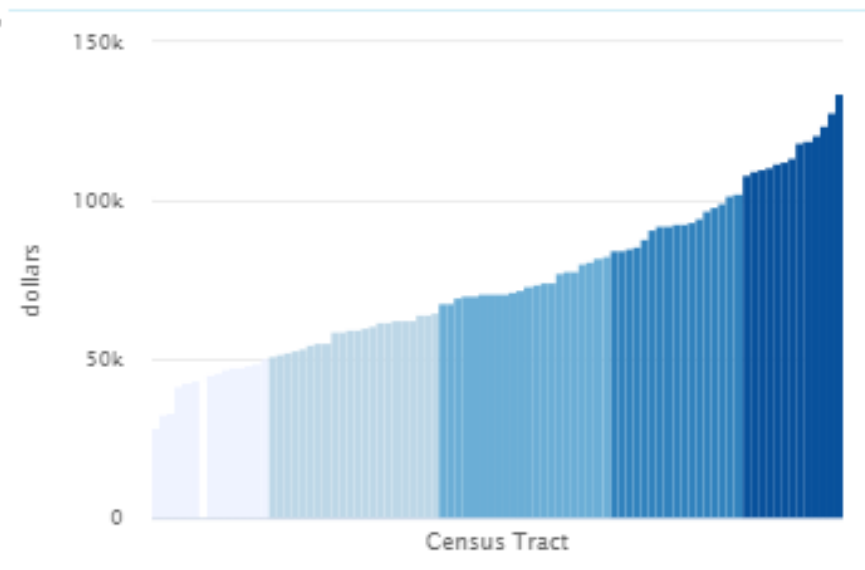
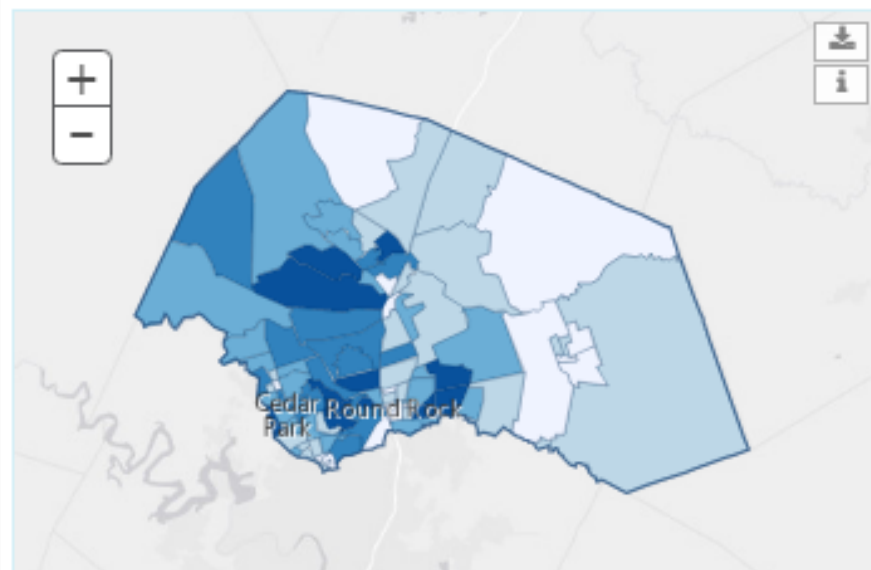


Zip Code	Source	Measurement Period	Dollars
76573	American Community Survey	2011-2015	\$31,136
76511	American Community Survey	2011-2015	\$40,179
76574	American Community Survey	2011-2015	\$43,095
78615	American Community Survey	2011-2015	\$45,179
76530	American Community Survey	2011-2015	\$48,333
76527	American Community Survey	2011-2015	\$50,625
78626	American Community Survey	2011-2015	\$58,823

[Download Indicator Data CSV](#)

SELECT A COMPARISON

- Grouped 
  TX Census Tracts 
  U.S. Census Tracts 
  Williamson, TX County Value 
  Prior Value 
  Trend over Time



- \$28,438 - \$50,431 
  \$50,431 - \$64,698 
  \$64,698 - \$82,679 
  \$82,679 - \$102,393 
  \$102,393 - \$134,136 
  N/A

Census Tract	Source	Measurement Period	Dollars
48491021000	American Community Survey	2011-2015	\$28,438
48491021402	American Community Survey	2011-2015	\$32,652
48491020701	American Community Survey	2011-2015	\$33,622
48491021100	American Community Survey	2011-2015	\$41,536
48491021300	American Community Survey	2011-2015	\$42,941
48491021203	American Community Survey	2011-2015	\$43,259
48491020114	American Community Survey	2011-2015	\$43,638

[Download Indicator Data CSV](#)

# Case Studies





# Georgetown Child and Youth

**Ray Langlois, M. Ed.**

Coalition Coordinator, Wilco Wellness Alliance

**Melissa Tung, MPH**

Systems Analyst, Williamson County and Cities Health District



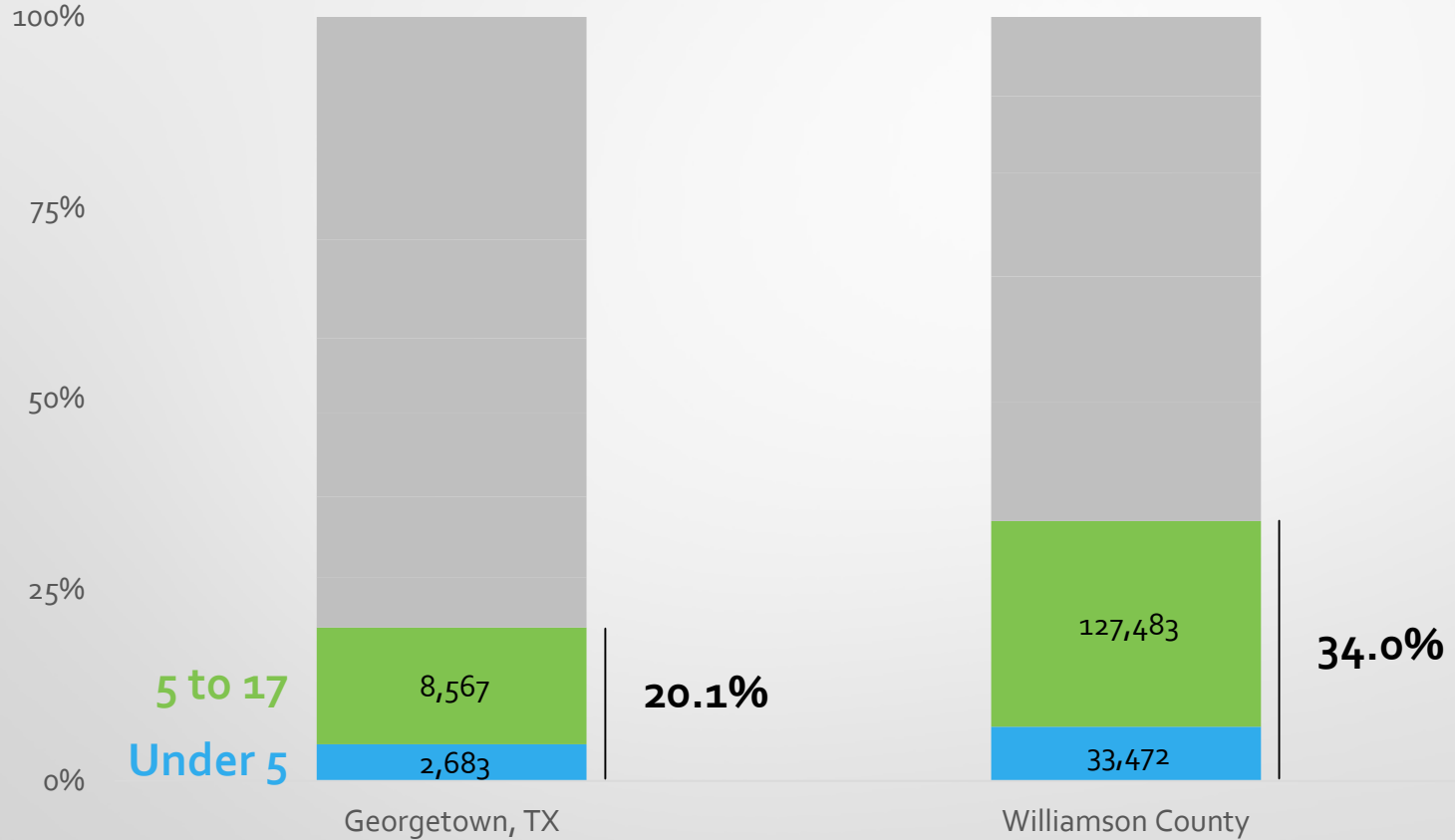
# Objectives

People

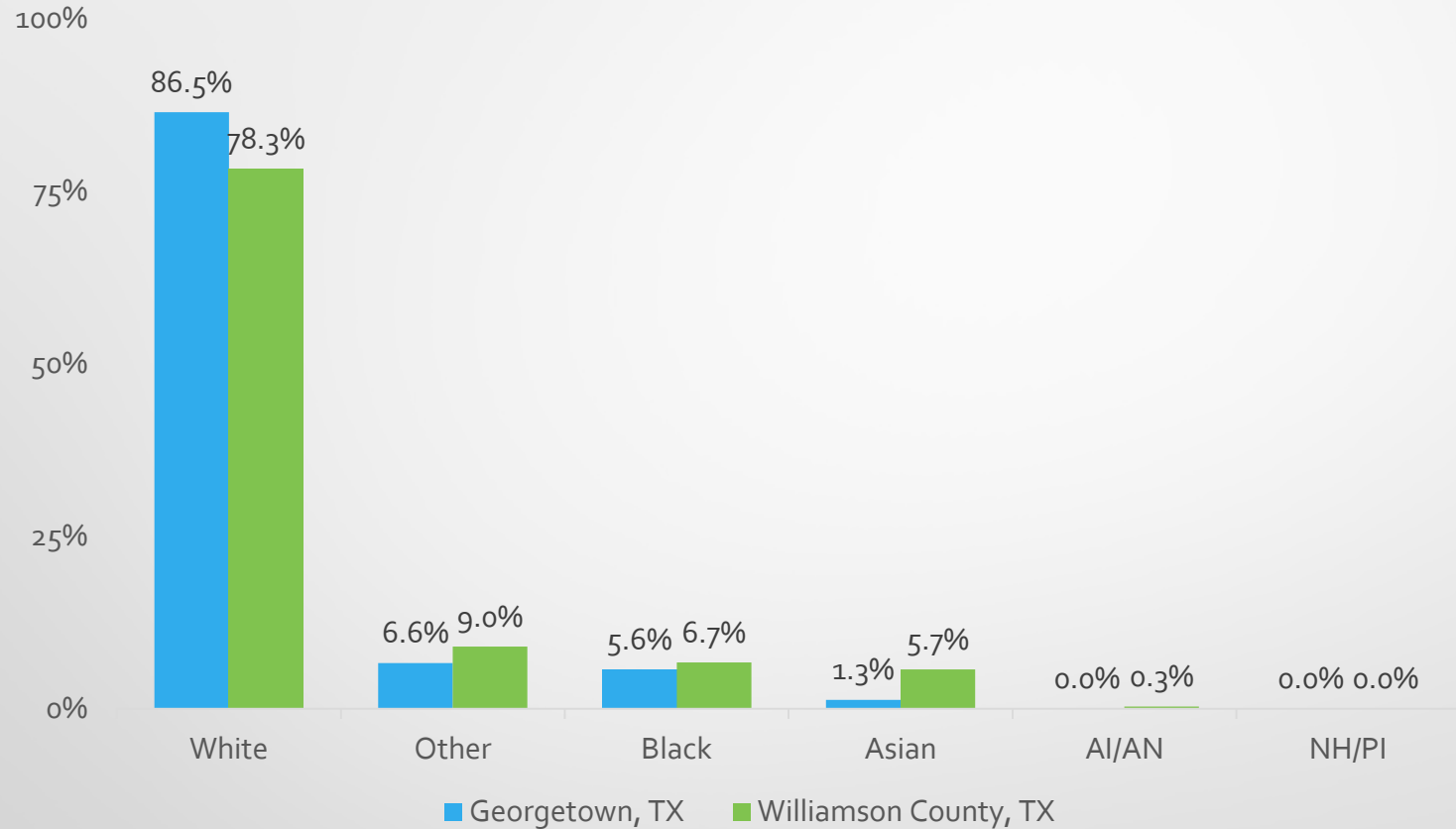
Health  
Outcomes

Next  
Steps

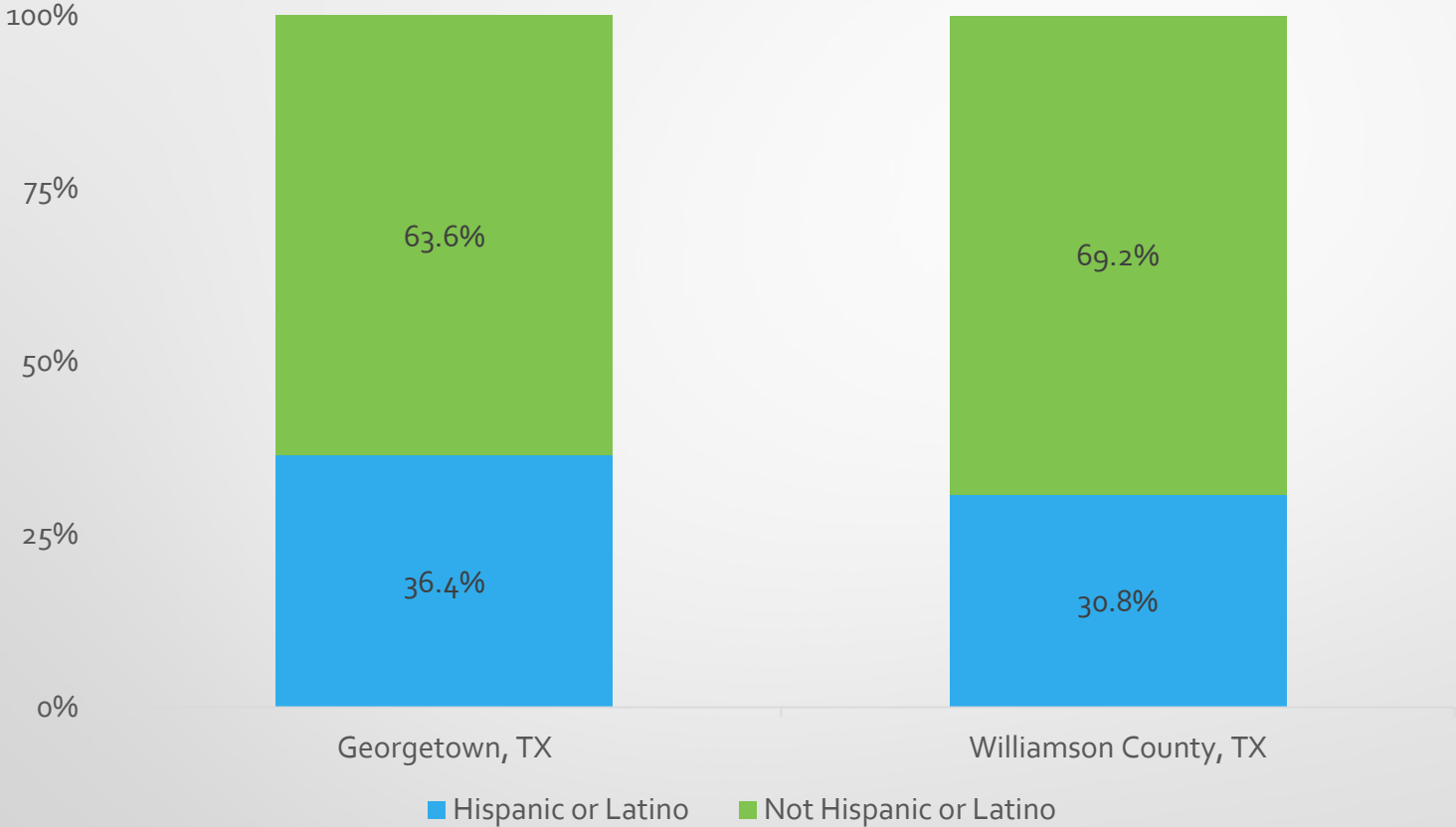
# Population by Age



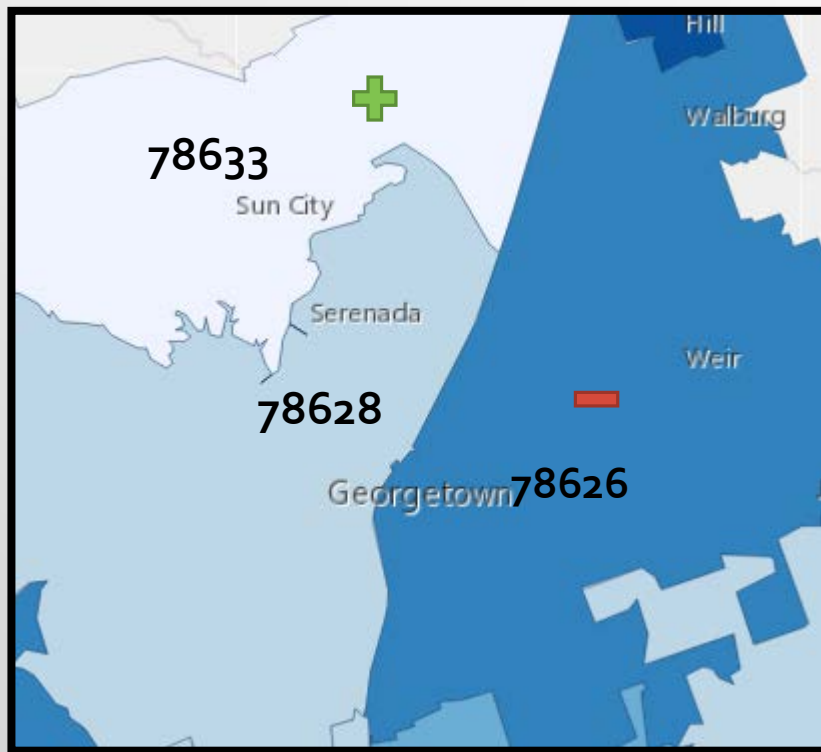
# Under 18 by Race



# Under 18 by Ethnicity



# Age-Adjusted Hospitalization Rate due to Pediatric Mental Health, 2011-2013



Psychological distress can affect all aspects of our lives. It is important to recognize and address potential psychological issues before they become critical. Occasional down days are normal, but persistent problems should be evaluated and treated by a qualified professional; proper management of mental/emotional health problems can prevent psychological crises warranting hospitalization. According to the National Center for Health Statistics, treatment for mental disorders is a major cause of hospitalization for children and adolescents between the ages of 10 and 21 years.

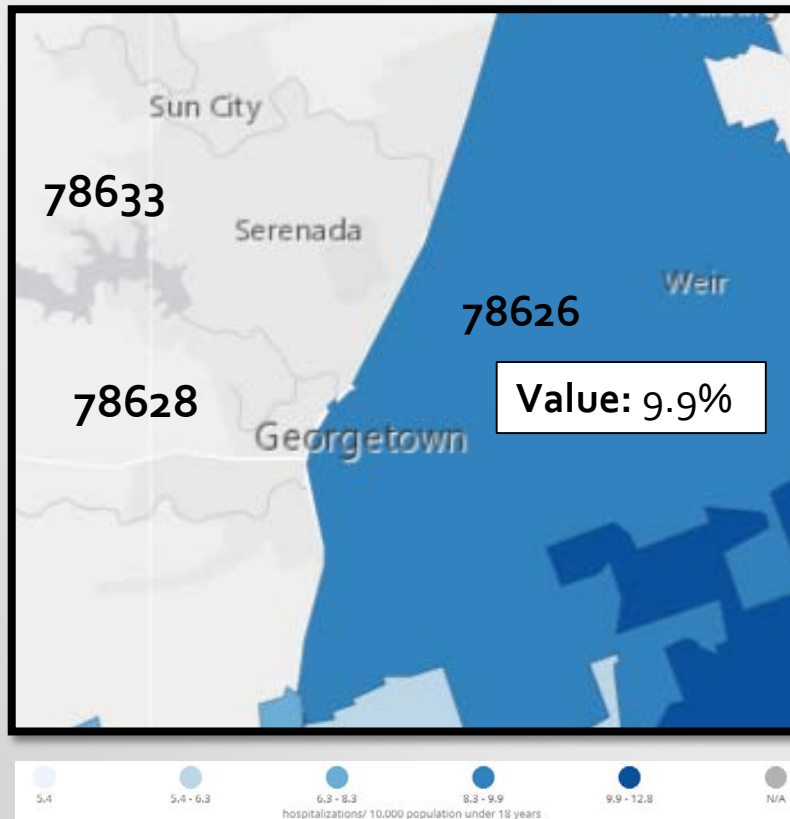
**Highest value:** 37.0%

**Lowest value:** 16.8%

Between highest and lowest value: **2.2 times**



# Age-Adjusted Hospitalization Rate due to Pediatric Asthma, 2011-2013



Asthma in children is a serious public health problem in the US; it is one of the most common long-term diseases in children. The National Health Interview Survey has found that persons under 18 years have higher rates of asthma than any other age group. Asthma in children results in missed days of school, limitations on daily activities, emergency department visits, and hospitalizations. Moreover, asthma disproportionately affects low-income and minority children.

# Now it's your turn!





# Case Studies

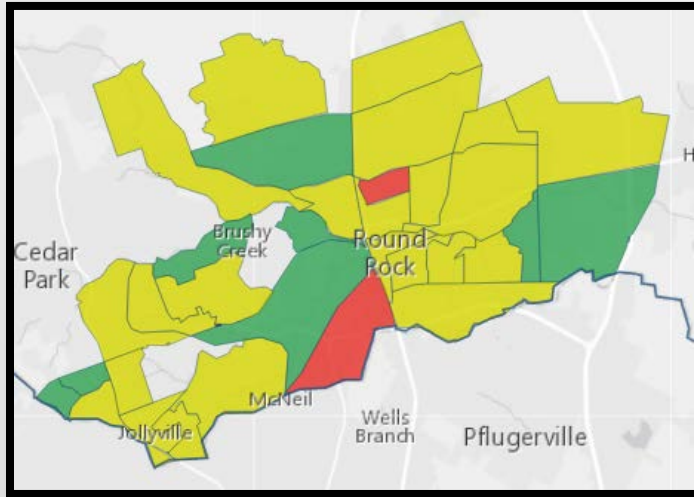
1. Food and hunger in Georgetown
2. Diabetes in Taylor
3. Demographics of Eastern Williamson County
4. Adults who visited a dentist in Round Rock

# Unique Features

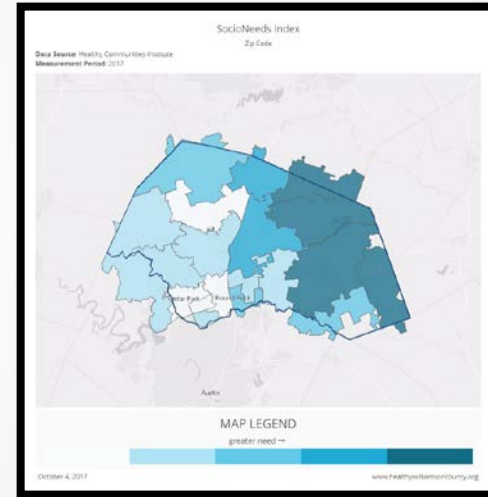


# Additional WilCo Data Resources

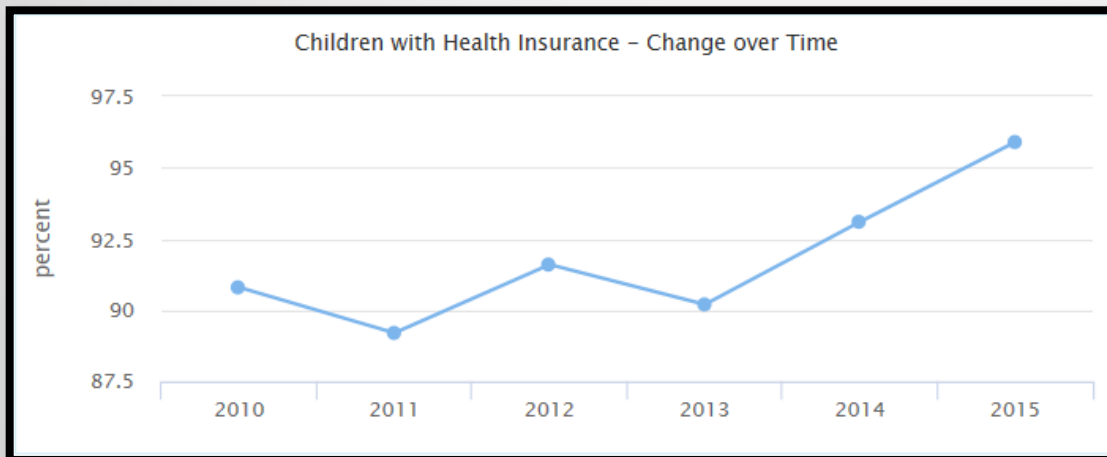
[Download GIS Maps](#)



[Download Socioneds Index](#)

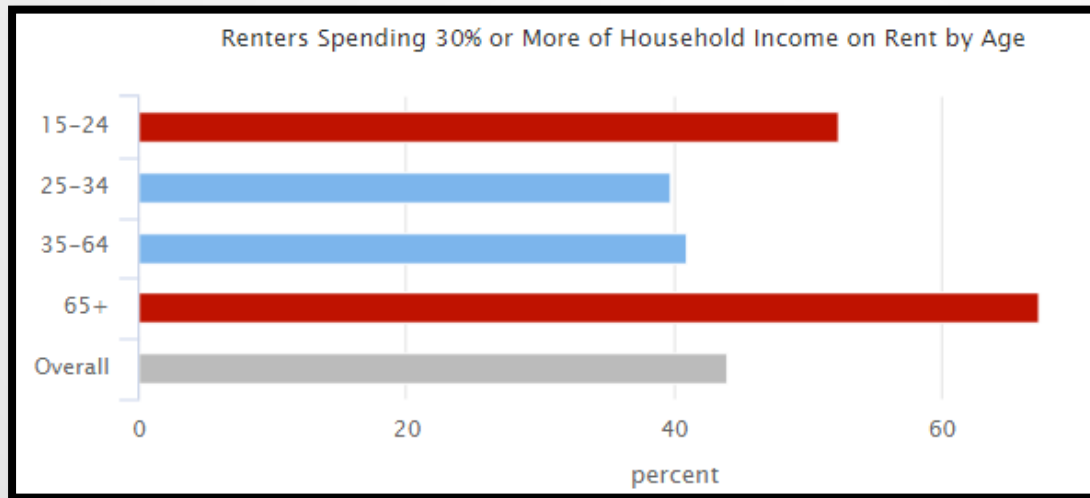


[Download Graphs](#)



# Additional WilCo Data Resources

## [Disparities Dashboard](#)

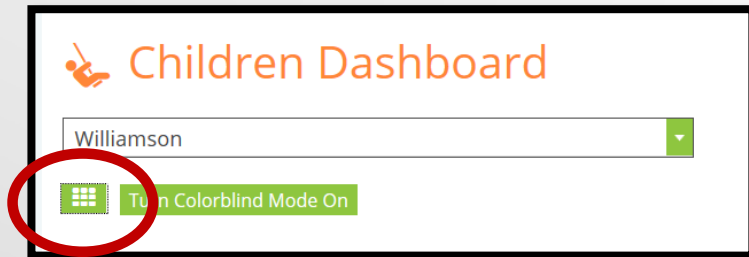


## [Up-to-date 2017 Demographic Dashboard](#)

Population by Ethnicity	Region: Eastern Williamson County		County: Williamson	
	Persons	% of Population	Persons	% of Population
Hispanic/Latino	11,070	37.76%	129,447	24.47%
Non-Hispanic/Latino	18,244	62.24%	399,643	75.53%

# Additional WilCo Data Resources

## Download Indicators

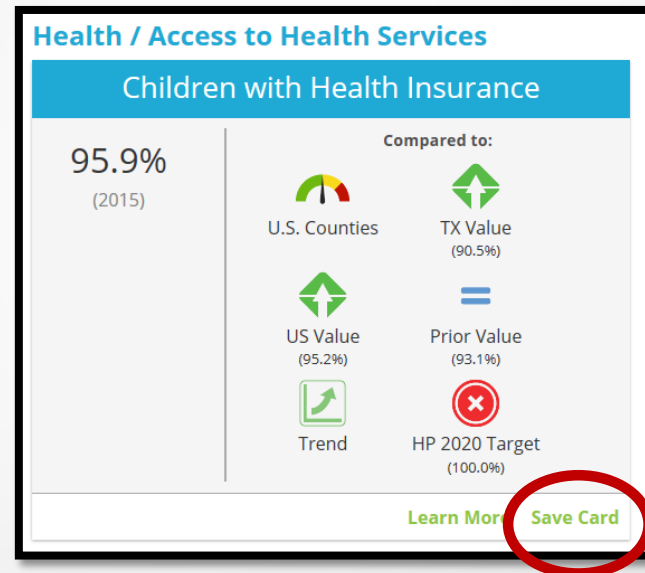


Children Dashboard

Williamson

Turn Colorblind Mode On

A red circle highlights the accessibility options menu.



Health / Access to Health Services

Children with Health Insurance

95.9% (2015)

Compared to:

- U.S. Counties
- TX Value (90.5%)
- US Value (95.2%)
- Prior Value (93.1%)
- Trend
- HP 2020 Target (100.0%)

Learn More Save Card

A red circle highlights the 'Save Card' button.

## Download and Extract Data



County	Source	Measurement Period	Hospitalizations per 10,000 population 18+ years
Williamson	Texas Department of State Health Services	2011-2013	11.1

Download Indicator Data CSV

A red circle highlights the 'Download Indicator Data CSV' button.

# Community Tools and Resources

## Promising Practices

**Promising Practices**

The Promising Practices database informs professionals and community members about documented approaches to improving community and quality of life.

The ultimate goal is to support the systematic adoption, implementation, and evaluation of successful programs, practices, and policy changes. The database provides carefully reviewed, documented, and ranked practices that range from good ideas to evidence-based practices. Learn more about the [ranking methodology](#).

[Submit a Promising Practice](#)

**WeViva (Austin, TX)**  
 Filed under: Local, Good Idea, Health / Wellness & Lifestyle, Adults, Racial/Ethnic Minorities  
**GOAL:** The mission is to provide affordable and accessible fitness and nutrition programs to people in low-income communities.

**A Matter of Balance**  
 Filed under: Evidence-Based Practice, Health / Older Adults & Aging, Elderly  
**GOAL:** The Matter of Balance/Volunteer Lay Leader (MOB/VLL) program is designed to reduce the fear of falling, stop the fear of falling cycle, and improve the activity levels among community-dwelling older adults. The goal of the program is to use volunteer lay leaders as facilitators, in order to make the program affordable to offer in the community setting.  
**IMPACT:** When following up one year after the program, participants reported significant gains in fall management and there was a trend to increased exercise level as well. In addition, participants sustained a reduction in monthly falls.

**A Text Message-Based Intervention for Weight Loss (San Diego County, CA)**  
 Filed under: Evidence-Based Practice, Health / Exercise, Nutrition, & Weight, Adults  
**GOAL:** To reduce weight in overweight and obese patients using mobile-based text and multimedia messaging.

**Search Filters**  
 (2222 results)

**Keyword Search**

**Sorting**  
 Sort by relevance

**Ranking**

- Evidence-Based Practice
- Effective Practice
- Good Idea

**Featured**

## Aunt Bertha

COUNTY

Search for free or reduced cost services like meals

Select Language

HOUSING GOODS TRANSIT HEALTH MONEY

Affected by Hurricane Harvey? See our list of disaster resources and hotlines.

**1818 programs**  
 serve people in  
 Austin, TX (78762)

Type a search term, or pick a category

## Community Events Calendar

**Community Events Calendar**

search 10/03/17 Submit Event Subscribe Pinboard Agenda Monthly

**Events from Oct 3rd**

**Fri Mar 24th 8:30am - Fri Dec 22nd 4:30pm**  
**No Appointment Needed for Screening Mammogram**  
 Every fourth Friday in 2017 is "Walk-in Mammography Day" at Baylor Scott & White  
 mammogram • taylor • walk-in • Baylor

**Wed Jul 26th 5:30pm - Thu Oct 26th 7:00pm**  
**BSWHealth: Eat Well Culinary Classes**  
 Eat Well Culinary Classes JOIN BAYLOR SCOTT & WHITE HEALTH FOR NUTRITIOUS, Healthy-Eating • BSWHealth • Nutrition • Family

**Thu Oct 3rd 10:00am - 11:30am**  
**Diabetes Empowerment Education Program (DEEP) - Taylor**  
 In these classes, you will learn how to live a healthier life with diabetes. Find out

**The Oct 3rd 10:00am - 11:30am**  
**Diabetes Empowerment Education Program (DEEP) - Georgetown**  
 In these classes, you will learn how to live a healthier life with diabetes. Find out

## Resource Library

**Resource Library** Admin

The Resource Library allows you to locate resources that help make your community a healthier place. If you have a resource you included, please submit it here.

Explore Our Collections

**Childhood Obesity Curriculum**  
 Published: October 4, 2017  
 Location: Williamson (County)  
 Resource Type: Toolkits  
 Topics: Education / Childcare & Early Childhood Education  
 SMART FROM THE START

**Hunger in Williamson County**  
 Published: September 26, 2017  
 Location: Williamson (County)  
 Resource Type: Fact Sheets  
 Topics: Health / Exercise, Nutrition, & Weight  
 Hunger is a serious issue in Williamson County.

**Central Texas Food Bank Presentation**  
 Published: September 21, 2017  
 Location: Williamson (County)  
 Resource Type: Plans  
 Topics: Health / Exercise, Nutrition, & Weight

**Center for Public Policy Priorities Data Tools**  
 Published: September 18, 2017  
 Location: Williamson (County)

**Search Filters**  
 (115 results)

**Keyword Search**

**Grouping**  
 No Grouping (default)

**Sorting**  
 Resource Date (default)

**Resource Type**

- Community Health Improvement Plans
- Community Health Needs Assessment
- Community Resources
- Data Resources
- Fact Sheets

WCHD AND CITIZEN HEALTH SERVICES  
 WCHD HEALTH SERVICES  
 Be healthy. Live well.

# Questions?

**Deb Strahler, MarCom Director, WCCHD**

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