Making an Impact: Why DATA Matters Workshop

www.healthywilliamsoncounty.org
Objectives

Welcome

Data 101

Case Studies

Unique Features
Welcome and Introductions
History and Overview
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.*

<table>
<thead>
<tr>
<th>WilCo Wellness Alliance</th>
<th>Health Priorities</th>
<th>WilCo Data</th>
<th>Tools &amp; Resources</th>
<th>Learn More</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>2016 COMMUNITY HEALTH ASSESSMENT</strong></td>
<td><strong>THE TOP 5 HEALTH PRIORITIES in Williamson County</strong></td>
<td>All Williamson County Data</td>
<td><strong>2017-2019 Community Health Improvement Plan</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Disparities Data</td>
<td><strong>2016 Community Health Assessment</strong></td>
<td></td>
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<td></td>
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<td>Demographic Data</td>
<td>The WilCo Wellness Alliance</td>
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<tr>
<td></td>
<td></td>
<td>Compare Indicators</td>
<td>Community Calendar</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>Customize a Quick Report</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>View SocioNeeds Index</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>County Health Rankings</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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

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

Search by keyword: diabetes
Community Health Dashboards

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.

#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

Children Dashboard
View all indicators related to children.

Hospitalization Data
View all hospitalization indicators by zip-code.
Community Health Dashboards

#3: Find a Location

Location Examples:

Williamson County

City
• Bartlett
• Georgetown
• Hutto
• Round Rock
• Taylor

Zip Code
• 78626
• 76511

Census Tract

View all hospitalization indicators by zip-code.
Community Health Dashboards

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.

#4: Build a Custom Dashboard

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

Select Indicators

Filter by Locations

Filter by Comparisons

Filter & Display Subgroups

Filter by Sources

- 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

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
#5: Select a Dashboard

- **Aging Dashboard**
  View all indicators related to aging population.

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

- **Hospitalization Data**
  View all hospitalization indicators by zip-code.

- **Healthy People 2020 Progress Tracker**

- **Social and Physical Determinants of Health**

- **Disparities Dashboard**
  View all indicators that include breakout data by topics such as race/ethnicity, age and gender.

- **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.
### Social and Physical Determinants of Health

#### Health / Disabilities

<table>
<thead>
<tr>
<th>Persons with Disability Living in Poverty</th>
<th>VALUE</th>
<th>COMPAORED TO:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>15.7%</td>
<td>U.S. Counties</td>
</tr>
<tr>
<td></td>
<td>(2015)</td>
<td>TX Value (23.7%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>US Value (27.1%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Prior Value (16.2%)</td>
</tr>
</tbody>
</table>

#### Trend

#### Health / Exercise, Nutrition, & Weight

<table>
<thead>
<tr>
<th>Child Food Insecurity Rate</th>
<th>VALUE</th>
<th>COMPAORED TO:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>19.7%</td>
<td>TX Counties</td>
</tr>
<tr>
<td></td>
<td>(2015)</td>
<td>U.S. Counties</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TX Value (23.8%)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>US Value (19.3%)</td>
</tr>
</tbody>
</table>

#### Trend

#### Prior Value

(21.3%)
### Economy / Income

<table>
<thead>
<tr>
<th></th>
<th>VALUE</th>
<th>COMPARED TO:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Median Household Income</strong></td>
<td>$73,750 (2011-2015)</td>
<td><strong>TX Counties</strong></td>
<td><strong>U.S. Counties</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>TX Value</strong> ($53,207)</td>
<td><strong>US Value</strong> ($53,889)</td>
</tr>
<tr>
<td></td>
<td></td>
<td><strong>Prior Value</strong> ($72,118)</td>
<td><strong>Trend</strong></td>
</tr>
</tbody>
</table>

| **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


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?
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  
Maintained by: Healthy Communities Institute  
Last update: January 2017

Comparing to:
- TX Counties: $53,207
- U.S. Counties: $53,889
- Prior Value: ($72,118)

Graph Selections

INDICATOR VALUES
- Change over Time

VIEW BY SUBGROUP
- Race/Ethnicity

Median Household Income - Change over Time

Trend

<table>
<thead>
<tr>
<th>Years</th>
<th>Median Income</th>
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<tbody>
<tr>
<td>2006-2010</td>
<td></td>
</tr>
<tr>
<td>2007-2011</td>
<td></td>
</tr>
<tr>
<td>2008-2012</td>
<td></td>
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<tr>
<td>2009-2013</td>
<td></td>
</tr>
<tr>
<td>2010-2014</td>
<td></td>
</tr>
<tr>
<td>2011-2015</td>
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</tbody>
</table>
## Census Places (Cities) Comparison

### Select a Comparison
- Grouped
- TX Census Places
- U.S. Census Places
- Williamson, TX County Value
- TX State Value
- U.S. Value

### Map
- Killeen
- Bryan College
- Austin
- San Marcos

### Bar Chart
- Dollars
- Measurement Period
- Census Place (City)

<table>
<thead>
<tr>
<th>Census Place (City)</th>
<th>Source</th>
<th>Measurement Period</th>
<th>Dollars</th>
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</thead>
<tbody>
<tr>
<td>Bartlett</td>
<td>American Community Survey</td>
<td>2011-2015</td>
<td>$36,065</td>
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<td>Thrall</td>
<td>American Community Survey</td>
<td>2011-2015</td>
<td>$37,917</td>
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<td>Florence</td>
<td>American Community Survey</td>
<td>2011-2015</td>
<td>$41,875</td>
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<tr>
<td>Taylor</td>
<td>American Community Survey</td>
<td>2011-2015</td>
<td>$42,793</td>
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<td>Granger</td>
<td>American Community Survey</td>
<td>2011-2015</td>
<td>$43,542</td>
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<tr>
<td>Thorndale</td>
<td>American Community Survey</td>
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<td>$46,875</td>
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<tr>
<td>Liberty Hill</td>
<td>American Community Survey</td>
<td>2011-2015</td>
<td>$50,074</td>
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</table>

Download Indicator Data CSV
<table>
<thead>
<tr>
<th>Zip Code</th>
<th>Source</th>
<th>Measurement Period</th>
<th>Dollars</th>
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<td>76573</td>
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<td>$48,333</td>
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<td>Census Tract</td>
<td>Source</td>
<td>Measurement Period</td>
<td>Dollars</td>
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<td>---------------</td>
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<td>48491021000</td>
<td>American Community Survey</td>
<td>2011-2015</td>
<td>$28,438</td>
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<td>$32,652</td>
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<td>$41,536</td>
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<td>48491020114</td>
<td>American Community Survey</td>
<td>2011-2015</td>
<td>$43,638</td>
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</tbody>
</table>
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

Georgetown, TX

- Under 5: 2,683 (20.1%)
- 5 to 17: 8,567

Williamson County

- Under 5: 33,472 (34.0%)
- 5 to 17: 127,483

Data Source: American Community Survey, 2011 - 2015
Under 18 by Race

Data Source: American Community Survey, 2011 - 2015

- White: 86.5% (Georgetown, TX), 78.3% (Williamson County, TX)
- Other: 6.6% (Georgetown, TX), 9.0% (Williamson County, TX)
- Black: 5.6% (Georgetown, TX), 6.7% (Williamson County, TX)
- Asian: 1.3% (Georgetown, TX), 5.7% (Williamson County, TX)
- AI/AN: 0.0% (Georgetown, TX), 0.3% (Williamson County, TX)
- NH/PI: 0.0% (Georgetown, TX), 0.0% (Williamson County, TX)
Under 18 by Ethnicity

Data Source: American Community Survey, 2011 - 2015
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
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 Socioneeds Index

Download Graphs

Children with Health Insurance – Change over Time

percent

97.5
97
96.5
96
95.5
95
94.5
94
93.5
93
92.5
92
91.5
91
90.5
90
89.5
89
88.5
88
87.5
87

2010 2011 2012 2013 2014 2015
Additional WilCo Data Resources

**Disparities Dashboard**

Renters Spending 30% or More of Household Income on Rent by Age

<table>
<thead>
<tr>
<th>Age Group</th>
<th>Percentage</th>
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<tr>
<td>15-24</td>
<td>50%</td>
</tr>
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<td>25-34</td>
<td>30%</td>
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<tr>
<td>35-64</td>
<td>20%</td>
</tr>
<tr>
<td>65+</td>
<td>10%</td>
</tr>
<tr>
<td>Overall</td>
<td>30%</td>
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**Up-to-date 2017 Demographic Dashboard**

<table>
<thead>
<tr>
<th>Population by Ethnicity</th>
<th>Region: Eastern Williamson County</th>
<th>County: Williamson</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Persons</td>
<td>% of Population</td>
</tr>
<tr>
<td>Hispanic/Latino</td>
<td>11,070</td>
<td>37.76%</td>
</tr>
<tr>
<td>Non-Hispanic/Latino</td>
<td>18,244</td>
<td>62.24%</td>
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</table>
Additional WilCo Data Resources

Download Indicators

Children Dashboard

Health / Access to Health Services

Children with Health Insurance

Download and Extract Data

<table>
<thead>
<tr>
<th>County</th>
<th>Source</th>
<th>Measurement Period</th>
<th>Hospitalizations per 10,000 population 18+ years</th>
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</thead>
<tbody>
<tr>
<td>Williamson</td>
<td>Texas Department of State Health Services</td>
<td>2011-2013</td>
<td>11.1</td>
</tr>
</tbody>
</table>

Download Indicator Data CSV
Community Tools and Resources

Promising Practices

Aunt Bertha

Community Events Calendar

Resource Library

1818 programs serve people in Austin, TX (78762)

Type a search term, or pick a category
Questions?

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