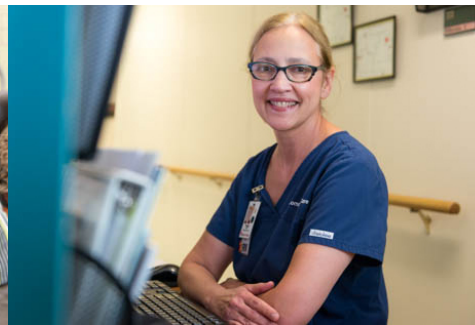




CENTRAL HEALTH

CommUnityCare Patient Analytics

Jaeson T. Fournier, DC, MPH
CEO, CommUnityCare Health Centers



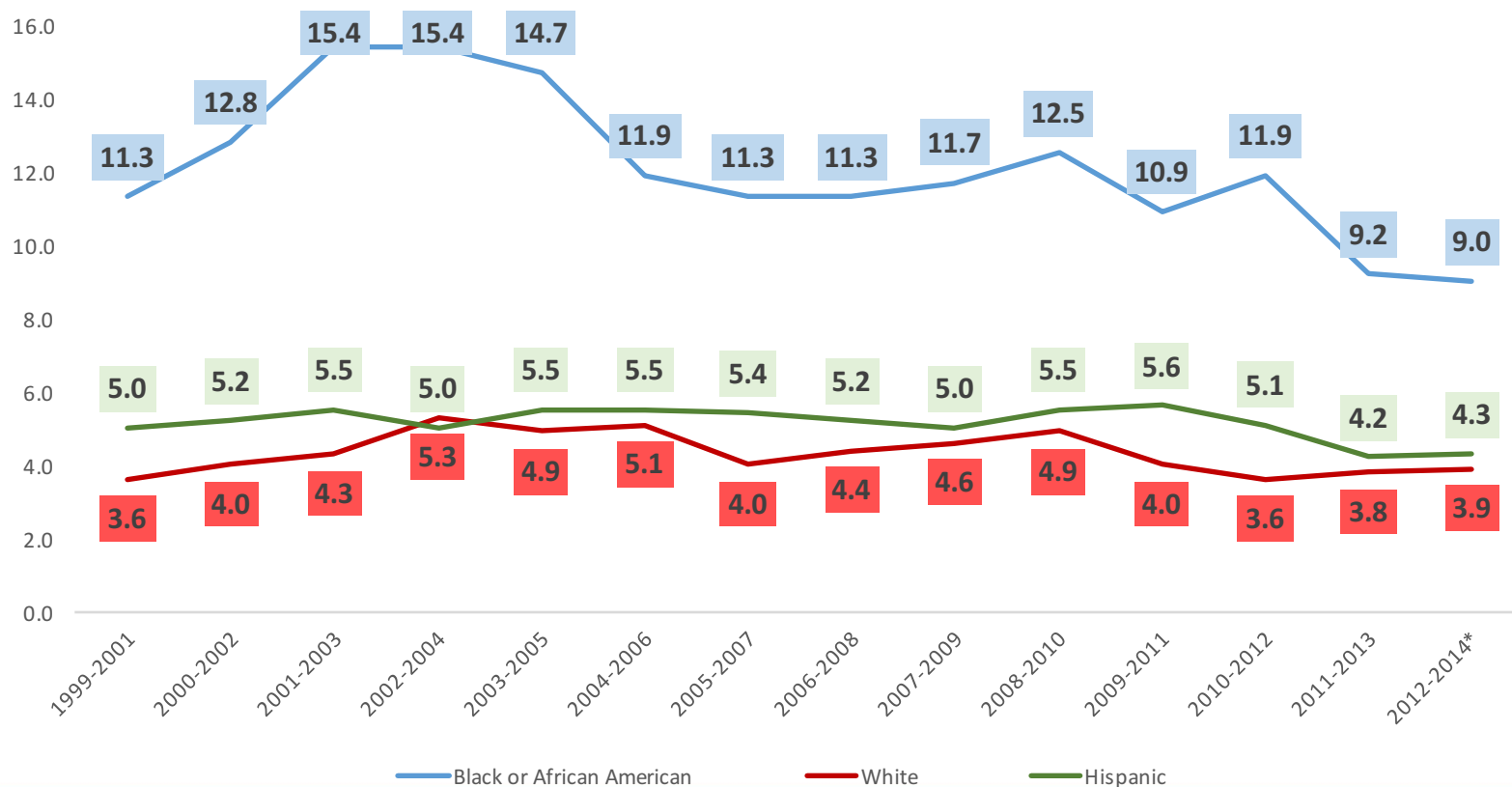
Defining Health Disparity

- Health disparity is the same thing as health inequality.
- A health disparity or inequality exists when there is difference or in the presence of disease, a health outcome or access to health care between population groups (age, gender identity, ethnic, racial, etc. groups).

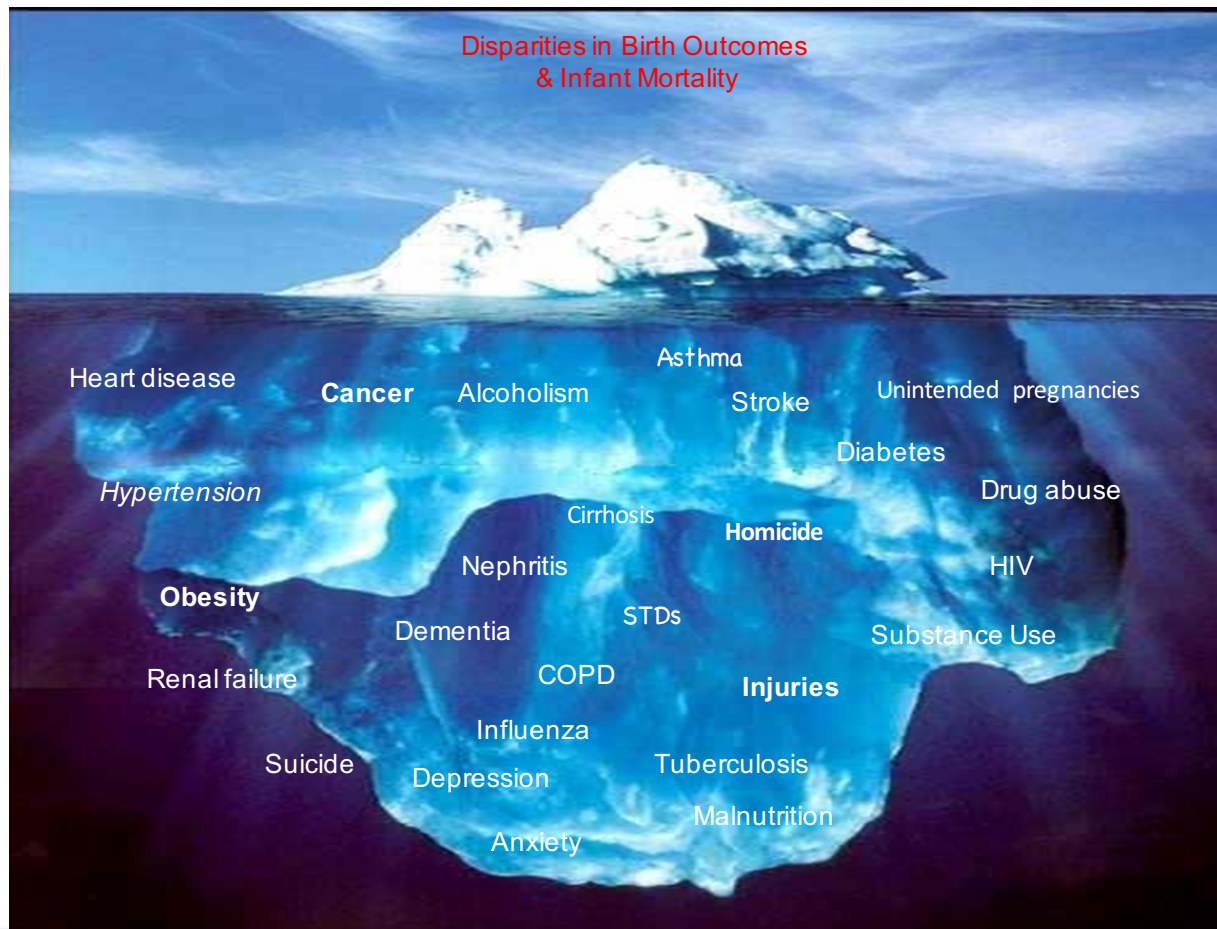
Infant Mortality Rate in Travis County, 1999-2014

African American, Hispanic & White

3 Year Averages



Tip of the Health Disparities Iceberg

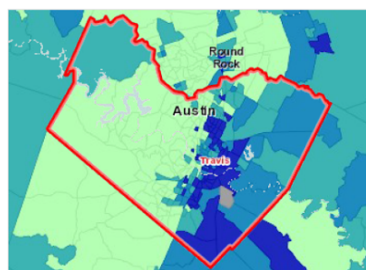


How CommUnityCare Uses Data to Inform its Services

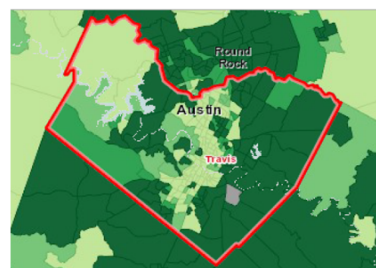
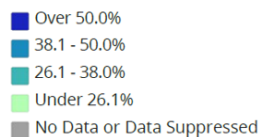
Performs a Comprehensive Community Health Needs Assessment that looks at differences/disparities in:

- **Prevention Quality** (Indicators, Ambulatory Care, Sensitive Conditions)
- **Vital Statistics** (Population, Births, Deaths)
- **Access** (Health Insurance, Geography)
- **Demographics** (Socioeconomic Status)
- **Clinical Indicators** (Co-morbidity i.e. obesity and diabetes)
- **Available Resource** (Food Deserts, Free/Reduced Lunches, Housing)

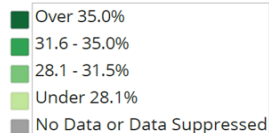
Assessing CommUnityCare's Target Population



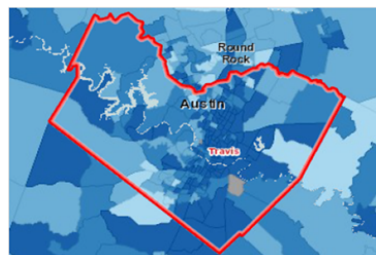
**Population Below 200% Poverty Level
Percent by Tract, ACS 2011-15**



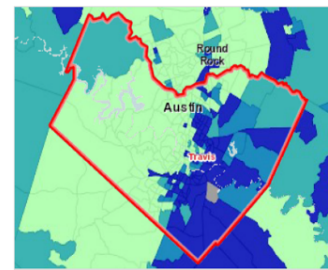
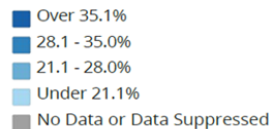
**Households with Public Assistance
Percent by Tract, ACS 2011-14**



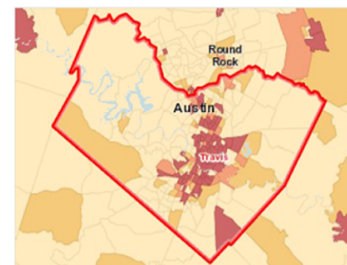
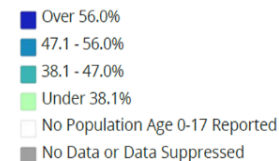
 Travis County



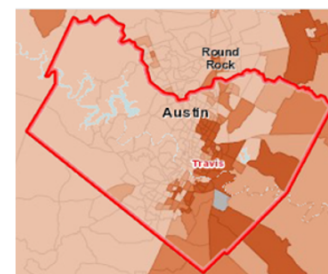
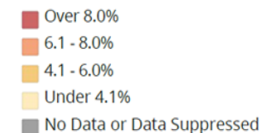
**Cost Burdened Households -
Costs Exceed 30% of Household Income
ACS 2011-15**



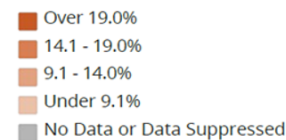
**Population Below 200% Poverty Level
Children (Age 0-17), Percent by Tract
ACS 2011-15**



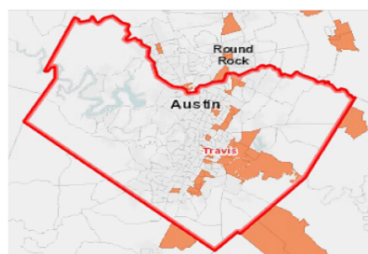
**Households with No Vehicle
Percent by Tract, ACS 2011-15**



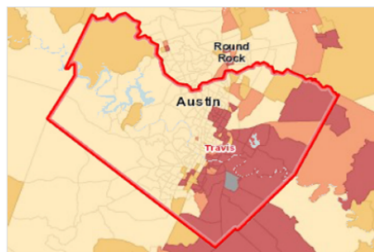
**Households Receiving SNAP Benefits
Percent by Tract, ACS 2011-15**



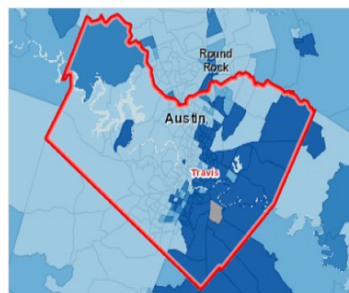
Assessing CommUnityCare's Target Population



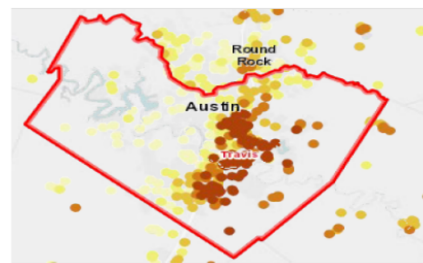
■ Food Desert
■ Not a Food Desert
■ No Data
Food Desert Census Tracts
 1 Mile / 10 Mile by Tract
 FARA 2015



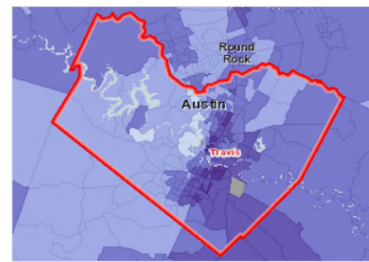
Population with No High School Diploma (Age 25)
Percent by Tract, ACS 2011-2015
■ Over 21.0%
■ 16.1 - 21.0%
■ 11.1 - 16.0%
■ Under 11.1%
■ No Data or Data Suppressed



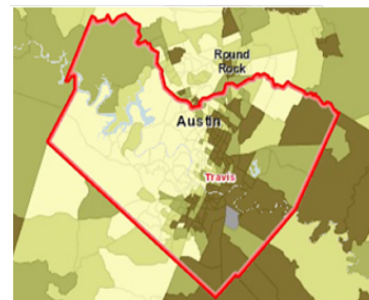
Medicaid / Means-Tested Coverage
Percent by Tract, ACS 2011-2015
■ Over 25.0%
■ 20.1 - 25.0%
■ 15.1 - 20.0%
■ Under 15.1%
■ No Data or Data Suppressed



Students Eligible for Free or Reduced-Price Lunch
NCES CCD 2014-15
■ Under 90.1%
■ 75.1% - 90.0%
■ 50.1% - 75.0%
■ 20.1% - 50.0%
■ Under 20.1%
■ Not Reported

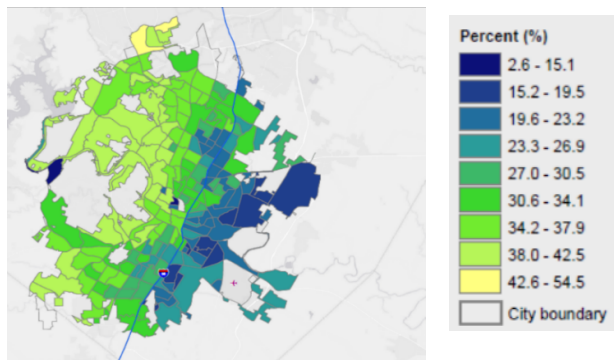


Soda Expenditures
Percent of Food-At-Home Expenditures
National Rank by Tract
Nielsen 2014
■ 1st Quintile (Highest Expenditures)
■ 2nd Quintile
■ 3rd Quintile
■ 4th Quintile
■ 5th Quintile (Lowest Expenditures)
■ No Data or Data Suppressed

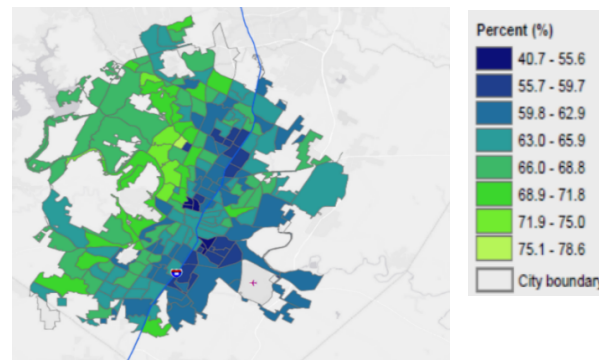


Uninsured Population,
Percent by Tract, ACS 2011-2015
■ Over 20.0%
■ 15.1 - 20.0%
■ 10.1 - 15.0%
■ Under 10.1%
■ No Data or Data Suppressed

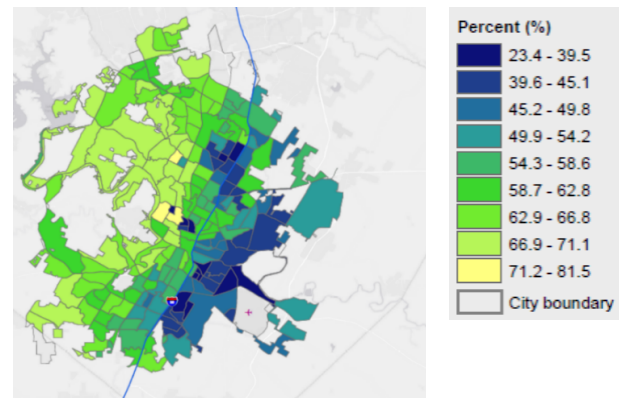
Medical Outcomes in Austin



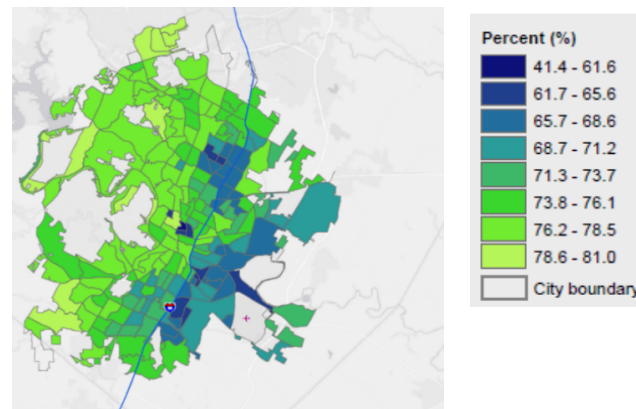
Clinical Preventive Services – Women 65 and Over



Routine Medical Check with – 18 Years and Over

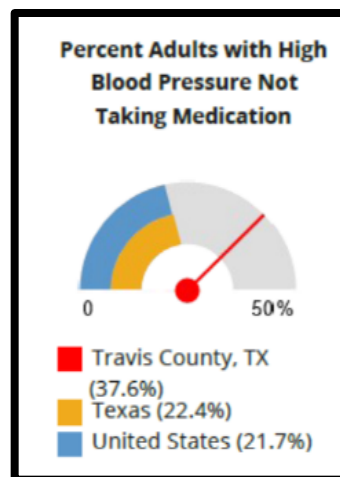
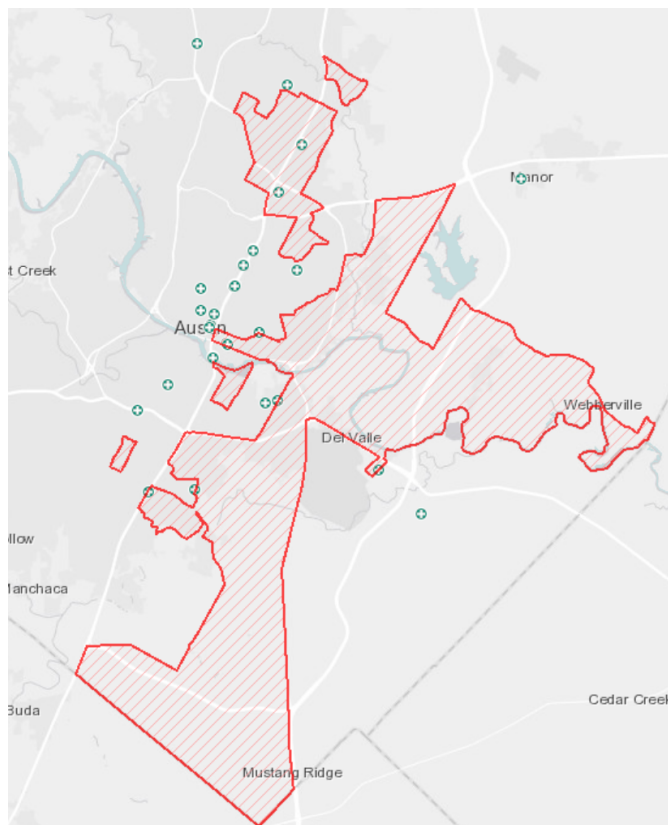


Colorectal Cancer Screening Rates – Adults 50 -75



Mammography Use – Women 50 - 74

Travis County - Vulnerable Populations Footprint



At least 20% of Population Below Poverty Level + at least 25% of the Population with Less Than High School

Report Area	Total Population (Age 18)	Total Adults Not Taking Blood Pressure Medication (When Needed)	Percent Adults Not Taking Medication
Travis County, TX	745,301	280,380	37.6%
Texas	17,999,726	4,036,853	22.4%
United States	235,375,690	51,175,402	21.7%

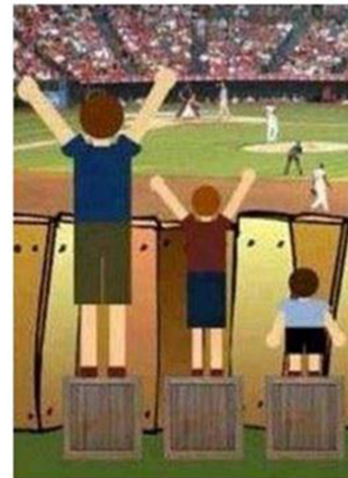
*Note: This indicator is compared with the state average.
Data Source: Centers for Disease Control and Prevention, [Behavioral Risk Factor Surveillance System](#). Additional data analysis by [CARES](#), 2006-10. Source geography: County*

Why Perform a CHNA?

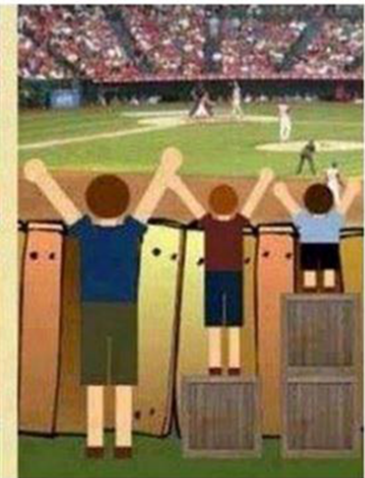
Looking For Indicators of Health Inequity

- Health inequities are differences in health that are not only unnecessary and avoidable but, in addition, are considered unfair and unjust.
- So what is the difference between Equality and Equity?
- Resources and more specifically resource distribution and availability.

Equality



Equity



It's Been Said

“Of all the forms of inequality, injustice in healthcare is the most shocking and inhumane.”

- Rev. Dr. Martin Luther King





CENTRAL HEALTH

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