ACCREDITED HEALTH DEPARTMENT · PUBLIC HEALTH ACCREDITATION BOARD ·
PHAB
Advancing public health performance

REPORT ON THE HEALTH OF LAWRENCE
LAWRENCE CENTRAL ROTARY CLUB

LAWRENCE-DOUGLAS COUNTY
Health Department

May 16, 2018

# How healthy is Lawrence/DG Co.?
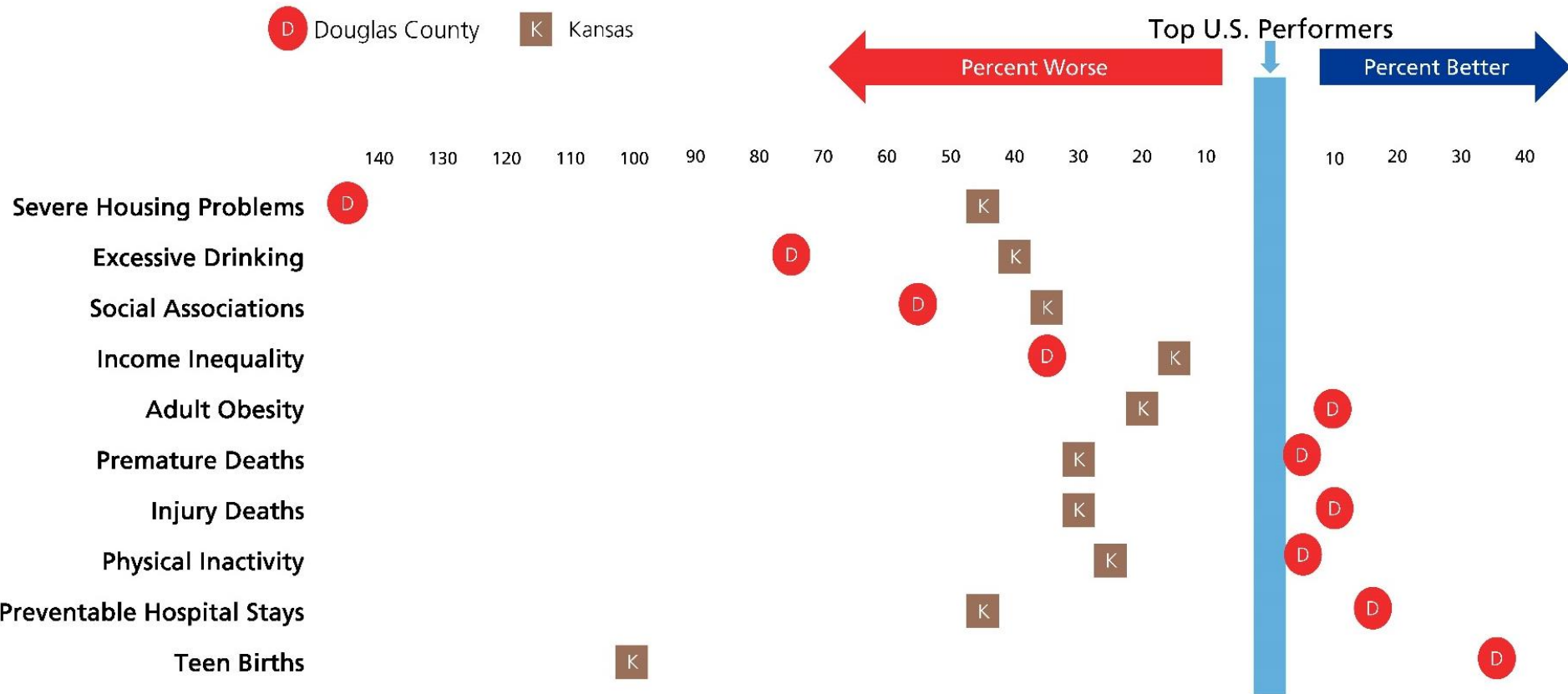
Source: University of Wisconsin County Health Rankings - 2016

What determines our community's health?

Our environments cultivate our communities, and our communities nurture our health. When inequities are high and community assets are low, health outcomes are worse. When inequities are low, and community assets are high, health outcomes are better.
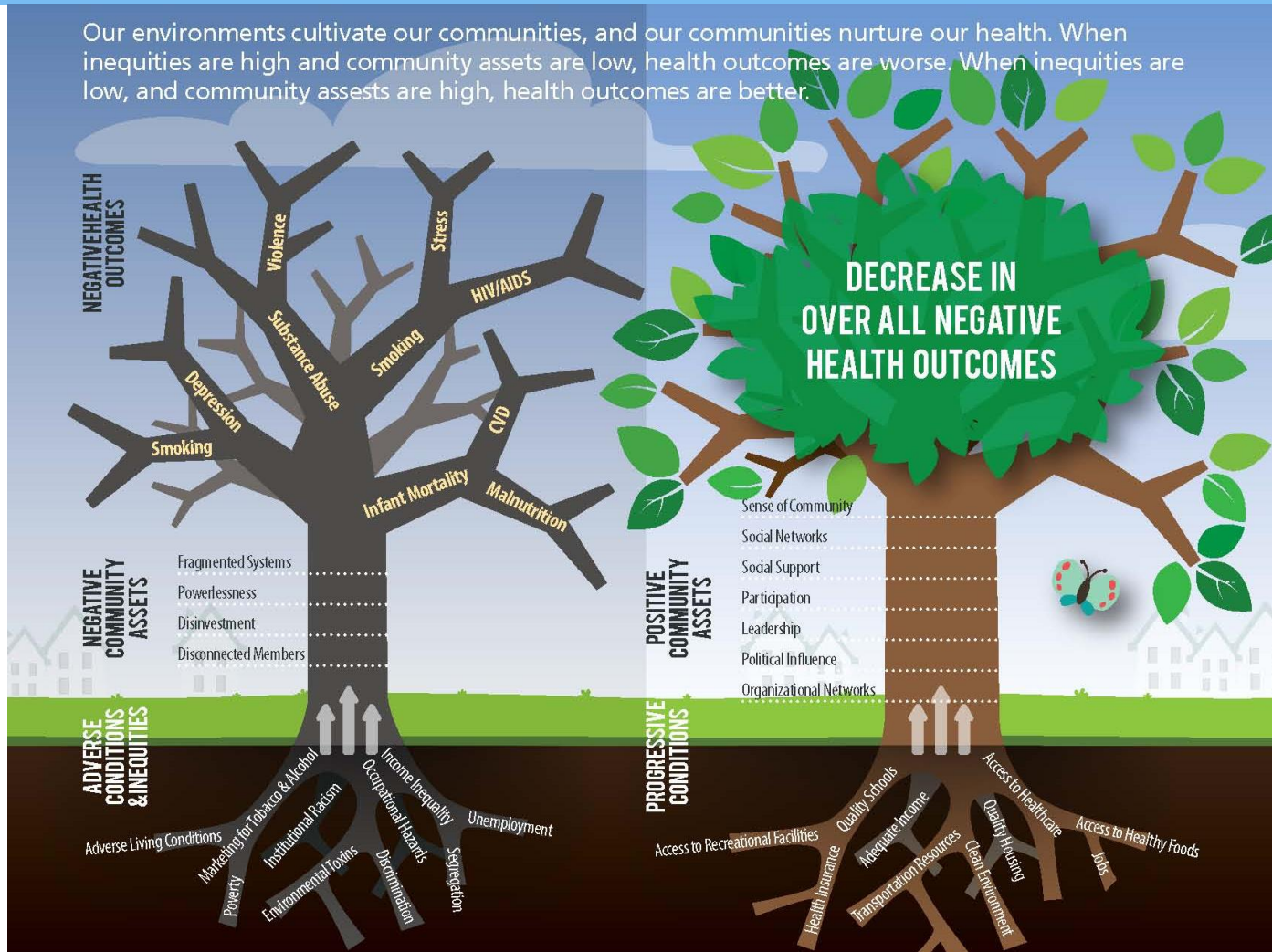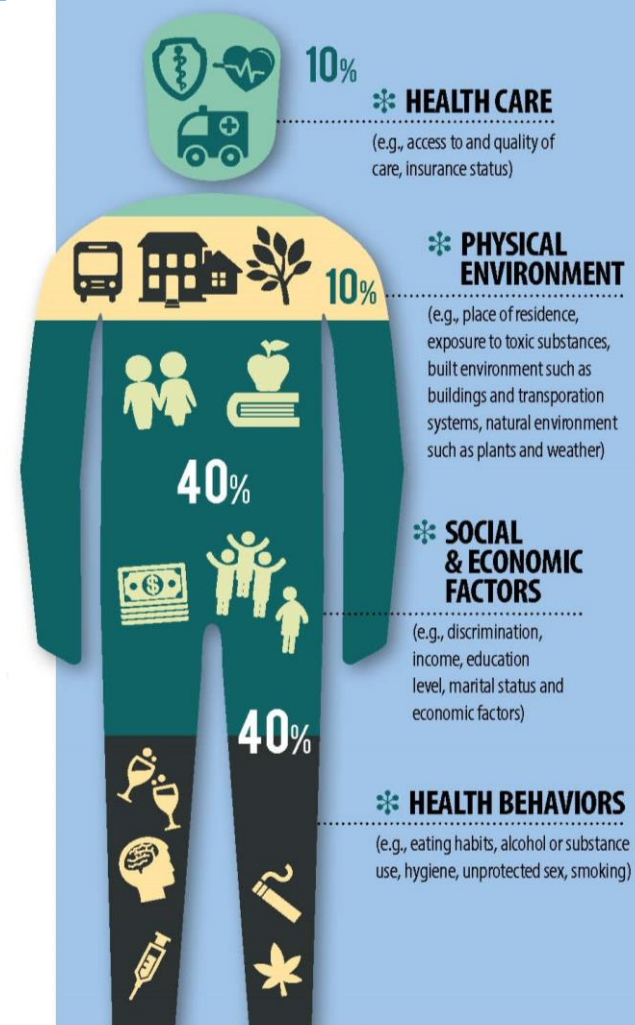
This figure is adapted from Brennan Ramirez LK, Baker EA, Metzler M. Promoting Health Equity: A Resource to Help Communities Address Social Determinants of Health. Atlanta: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention; 2008. Availalbe at: http://www.cdc.gov/nccdphp/dch/programs/healthycommunitiesprogram/tools/pdf/SDOH-workbook.pdf

What determines our individual health?

PERCENTAGE CONTRIBUTING TO OVERALL HEALTH

10% **HEALTH CARE** (e.g., access to and quality of care, insurance status)

10% **PHYSICAL ENVIRONMENT** (e.g., place of residence, exposure to toxic substances, built environment such as buildings and transporation systems, natural environment such as plants and weather)

40% **SOCIAL & ECONOMIC FACTORS** (e.g., discrimination, income, education level, marital status and economic factors)

40% **HEALTH BEHAVIORS** (e.g., eating habits, alcohol or substance use, hygiene, unprotected sex, smoking)

Source: Booske B.C., Athens J.K. Kinding D.A. et al. County Health Rankings Working Paper: Different Perspectives for Assigning Weights to Determinants of Health. February 2010. Available at: www.countyhealthrankings.org/sites/default/files/differentPerspectivesForAssigningWeightsToDeterminantsOfHealth.pdf.

LAWRENCE-DOUGLAS COUNTY
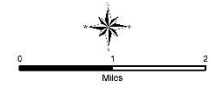**Health Department**
HEALTHIER TOGETHER

Health Care - *insurance*
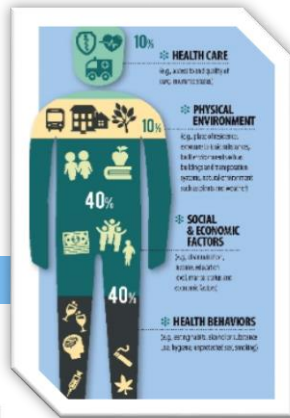
**Current lack of health insurance among adults aged 18-64 years
by census tract, Lawrence, KS, 2014**
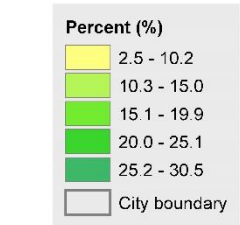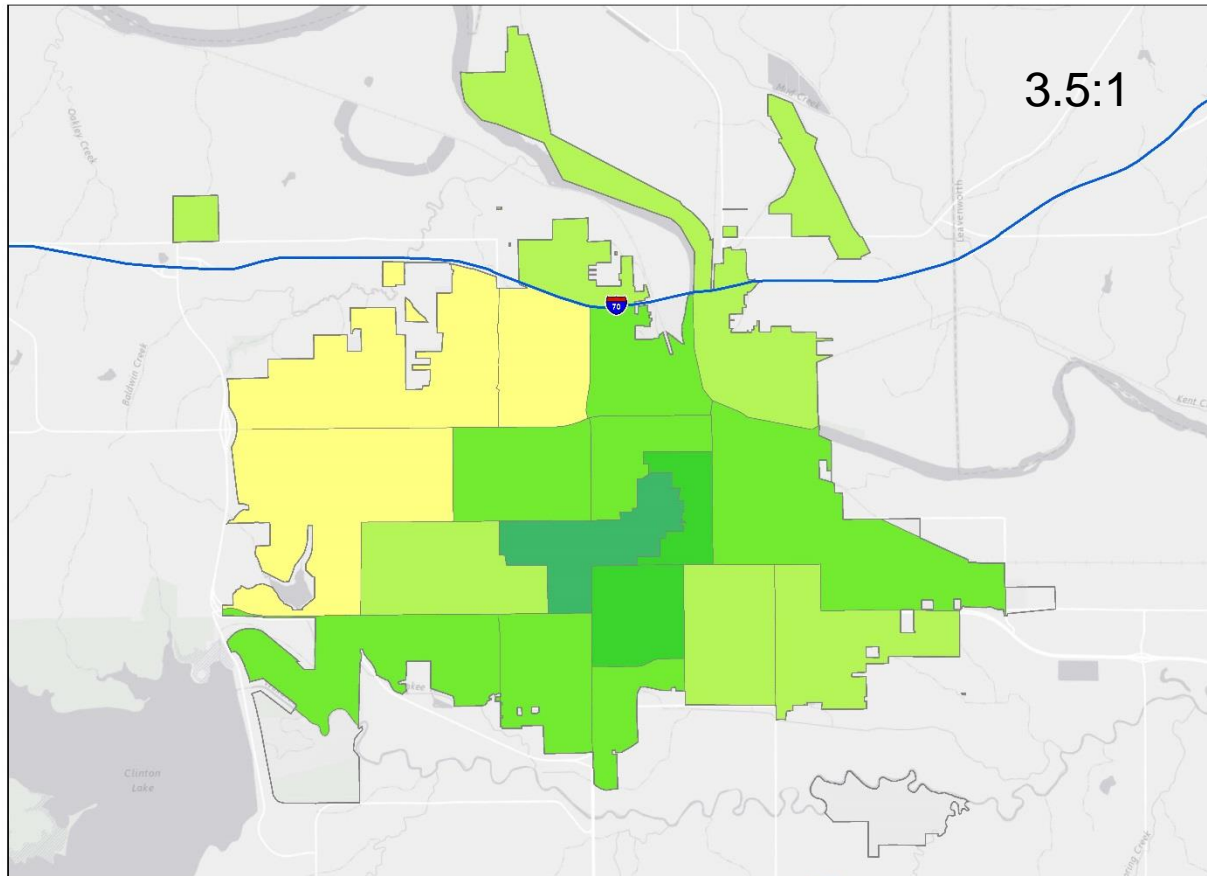
Percent (%)
- 2.5 - 10.2
- 10.3 - 15.0
- 15.1 - 19.9
- 20.0 - 25.1
- 25.2 - 30.5
- City boundary

3.5:1

Classification:
Jenks natural breaks (9 classes) based
on data for all 500 cities' census tracts.
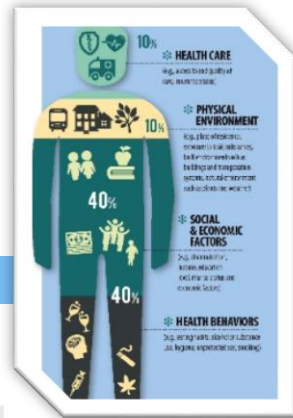Legend depicts only those data classes
within this map extent.

Census tracts with population less
than 50 were excluded from the map.

Data sources:
CDC BRFSS 2014, US Census Bureau
2010 Census, ACS 2010-2014,

Map created by CDC/NCCDPHP/DPH/ESB-GIS

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Date: 3/15/2016

LAWRENCE-DOUGLAS COUNTY
Health Department
HEALTHIER TOGETHER

Health Care - *dental*

Visits to dentist or dental clinic among adults aged ≥18 years by census tract, Lawrence, KS, 2014

1.6:1

Percent (%)
- 49.1 - 54.8
- 54.9 - 60.4
- 60.5 - 65.8
- 65.9 - 71.0
- 71.1 - 76.5
- 76.6 - 87.1
- City boundary

Classification:
Jenks natural breaks (9 classes) based on data for all 500 cities' census tracts. Legend depicts only those data classes within this map extent.

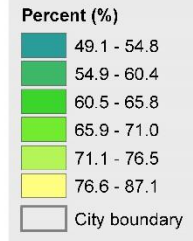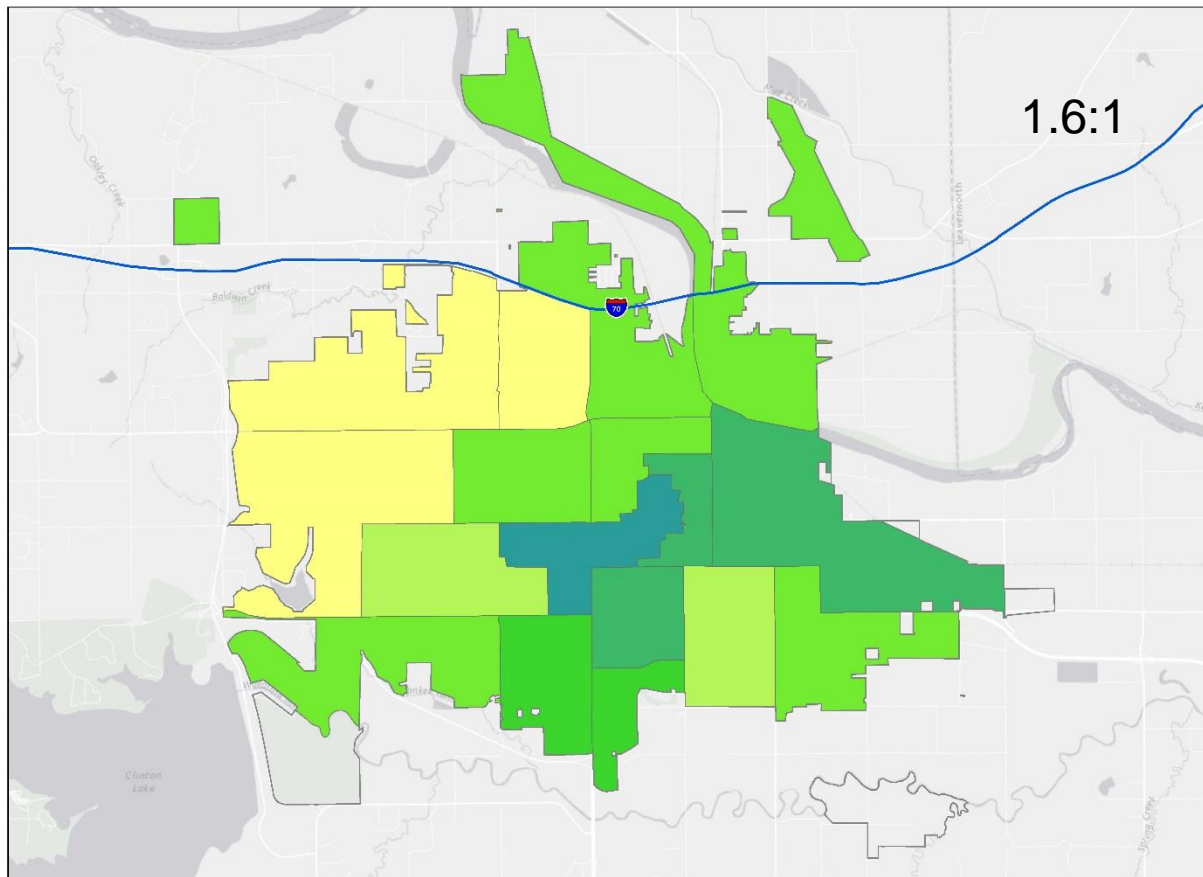Census tracts with population less than 50 were excluded from the map.

Data sources:
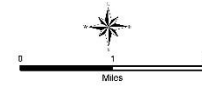CDC BRFSS 2014, US Census Bureau 2010 Census, ACS 2010-2014,

Map created by CDC/NCCDPHP/DPH/ESB-GIS

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Date: 10/15/2016

LAWRENCE-DOUGLAS COUNTY
Health Department
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Health Behaviors – *physical activity*

No leisure-time physical activity among adults aged ≥18 years by census tract, Lawrence, KS, 2014

2.1:1

Percent (%)
- 7.9 - 14.7
- 14.8 - 18.4
- 18.5 - 22.0
- 22.1 - 25.7
- City boundary

Classification:
Jenks natural breaks (9 classes) based on data for all 500 cities' census tracts. Legend depicts only those data classes within this map extent.
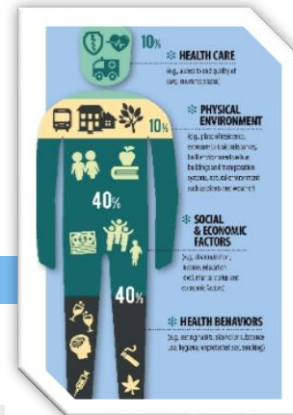
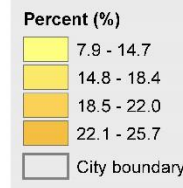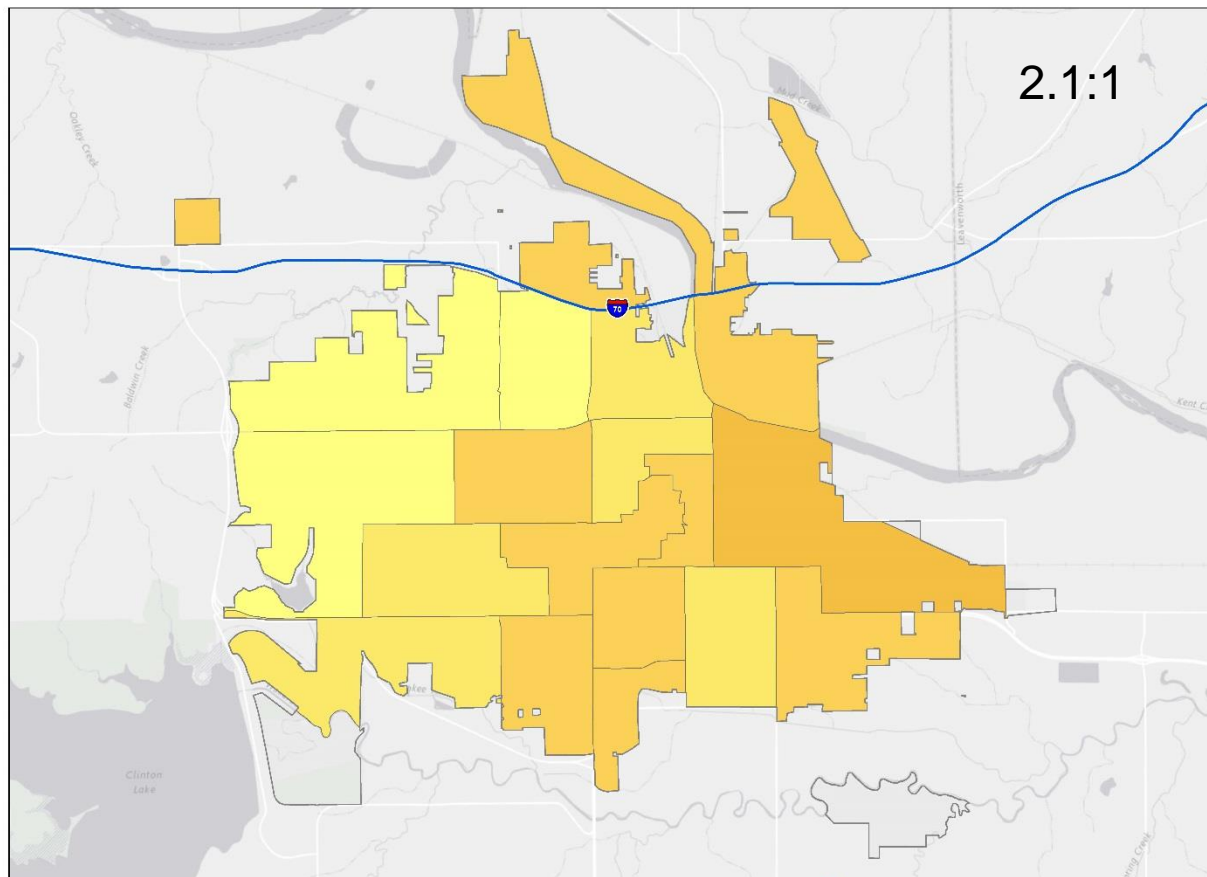Census tracts with population less than 50 were excluded from map.

0   1.25   2.5
Miles

Data sources:
CDC BRFSS 2014, US Census Bureau 2010 Census, ACS 2010-2014,

NE   IA

KS   MO

Map created by CDC/NCCDPHP/DPH/ESB-GIS

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Date: 3/25/2016

LAWRENCE-DOUGLAS COUNTY
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Health Behaviors – *smoking*

**Current smoking among adults aged ≥18 years
by census tract, Lawrence, KS, 2014**

1.9:1

Percent (%)
- 11.4 - 14.4
- 14.5 - 17.3
- 17.4 - 20.2
- 20.3 - 23.2
- 23.3 - 26.5
- City boundary

Classification:
Jenks natural breaks (9 classes) based
on data for all 500 cities' census tracts.
Legend depicts only those data classes
within this map extent.

Census tracts with population less
than 50 were excluded from the map.

Data sources:
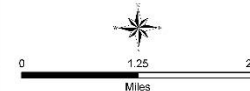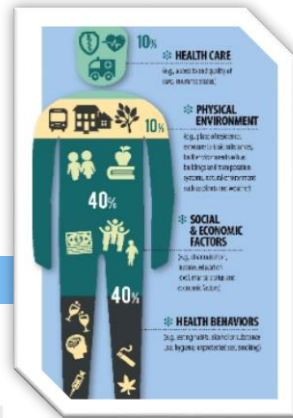CDC BRFSS 2014, US Census Bureau
2010 Census, ACS 2010-2014,

Map created by CDC/NCCDPHP/DPH/ESB-GIS

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Date: 3/23/2016

LAWRENCE-DOUGLAS COUNTY
Health Department
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Health Outcomes - *diabetes*

Diagnosed diabetes among adults aged ≥18 years by census tract, Lawrence, KS, 2014

2.8:1

Percent (%)
- 0.8 - 5.6
- 5.7 - 7.9
- 8.0 - 9.9
- City boundary

Classification:
Jenks natural breaks (9 classes) based on data for all 500 cities' census tracts. Legend depicts only those data classes within this map extent.

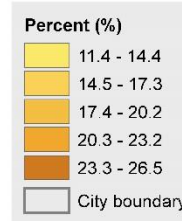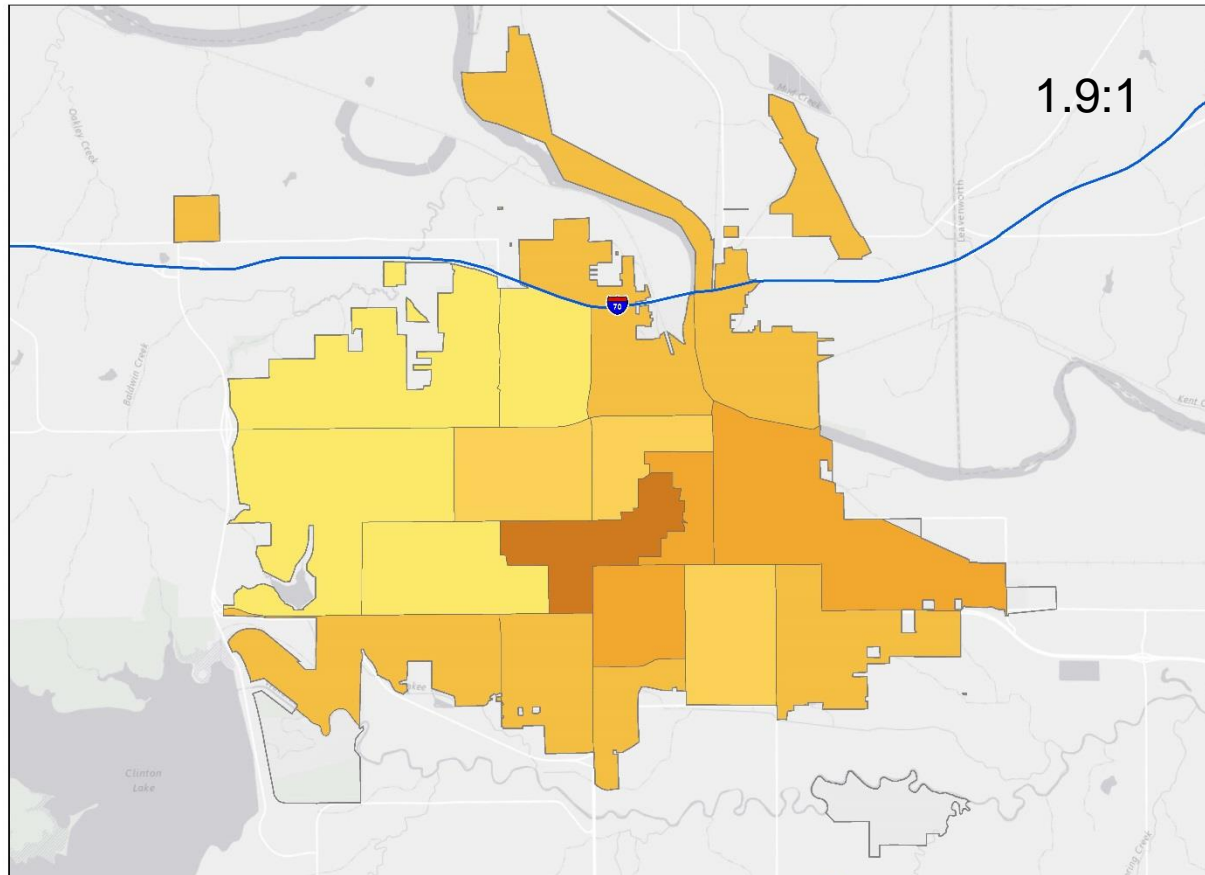Census tracts with population less than 50 were excluded from the map.

Data sources:
CDC BRFSS 2014, US Census Bureau 2010 Census, ACS 2010-2014,

NE   IA

KS   MO

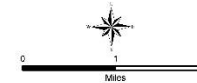Map created by CDC/NCCDPHP/DPH/ESB-GIS

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Date: 3/24/2016

LAWRENCE-DOUGLAS COUNTY
Health Department
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Health Outcomes - *copd*

**Chronic obstructive pulmonary disease among adults aged ≥18 years
by census tract, Lawrence, KS, 2014**

2.9:1

Percent (%)
- 1.1 - 3.9
- 4.0 - 5.2
- 5.3 - 6.4
- 6.5 - 7.8
- City boundary

Classification:
Jenks natural breaks (9 classes) based
on data for all 500 cities' census tracts.
Legend depicts only those data classes
within this map extent.

Census tracts with population less
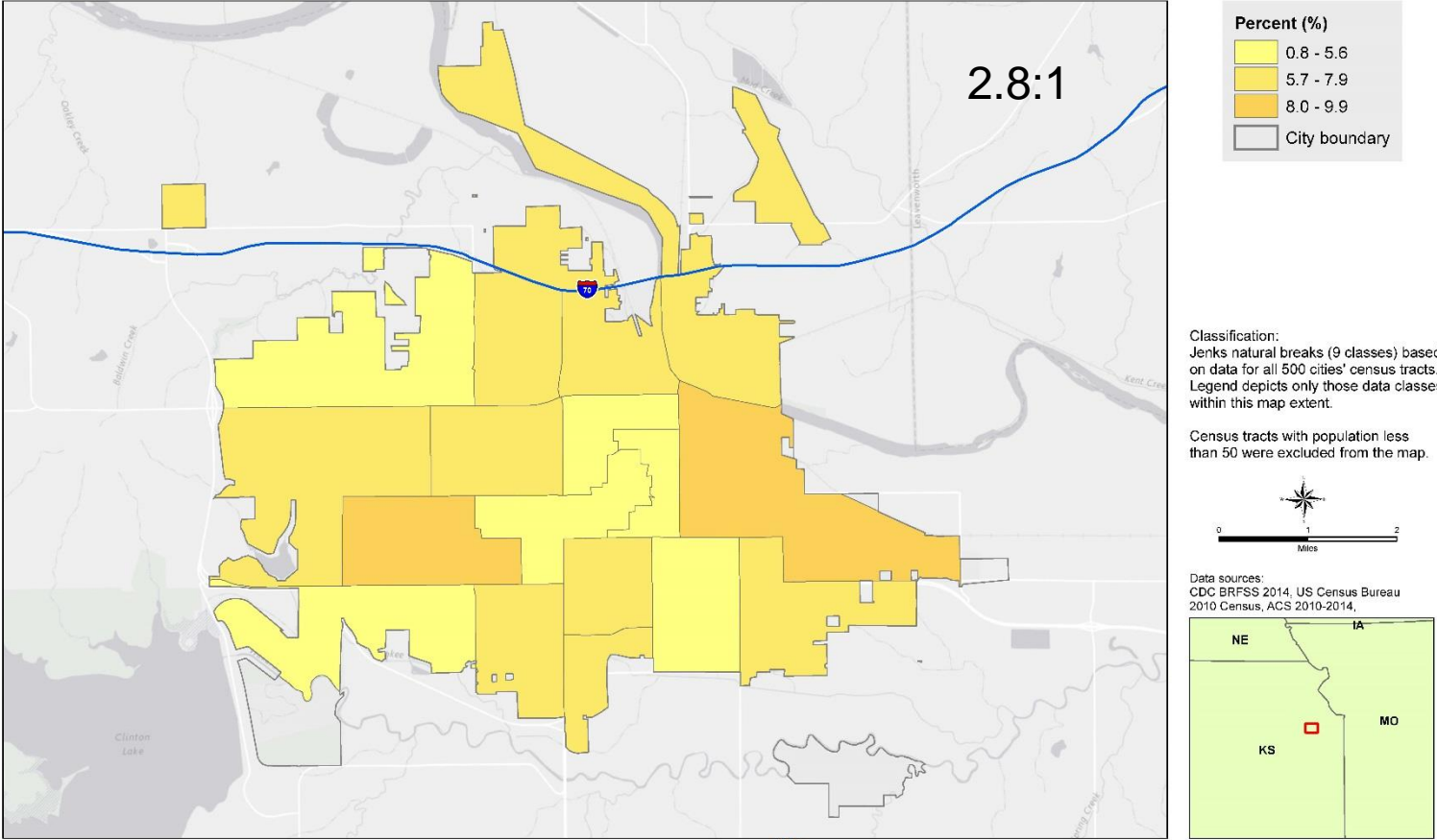than 50 were excluded from the map.

Data sources:
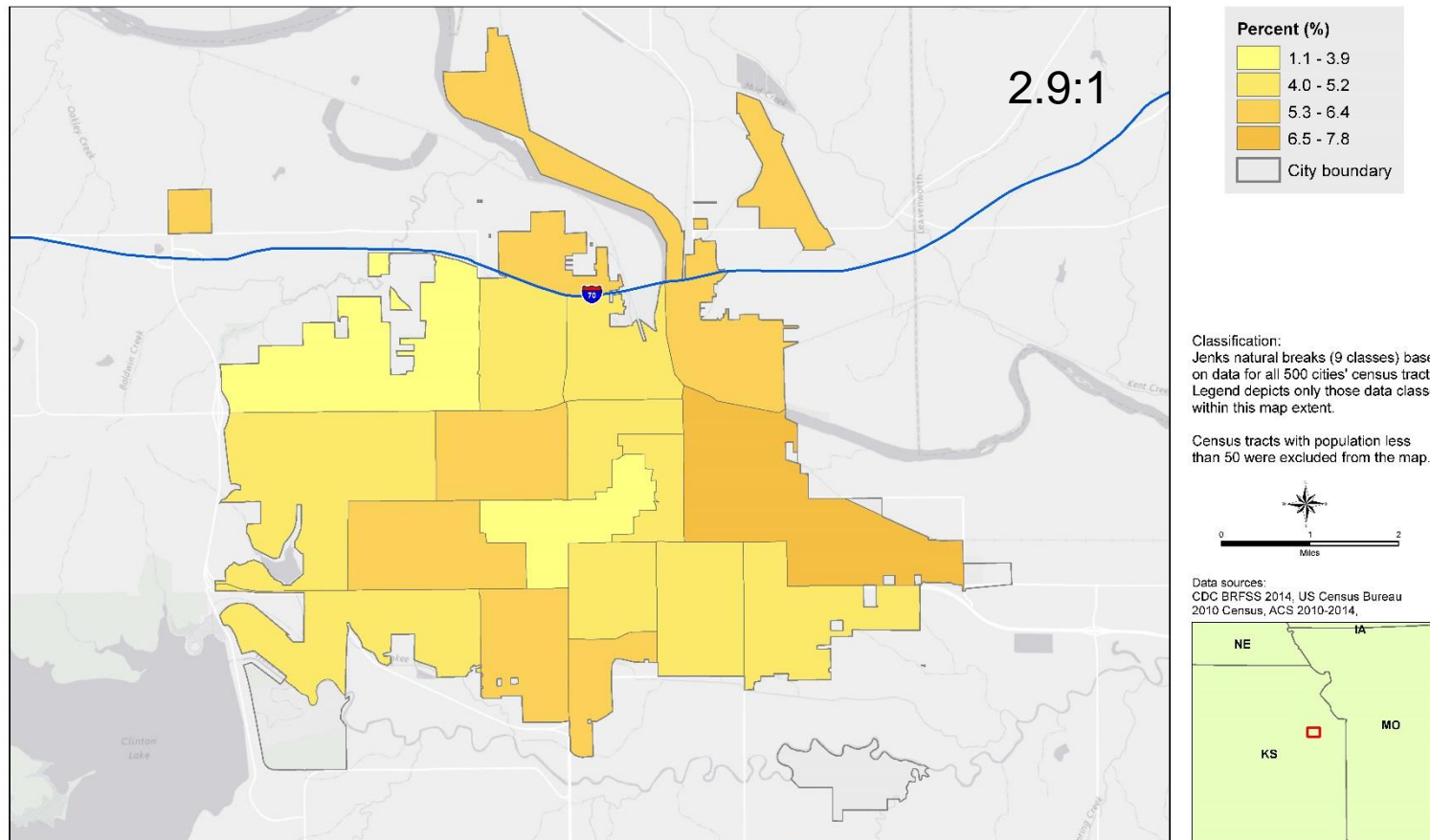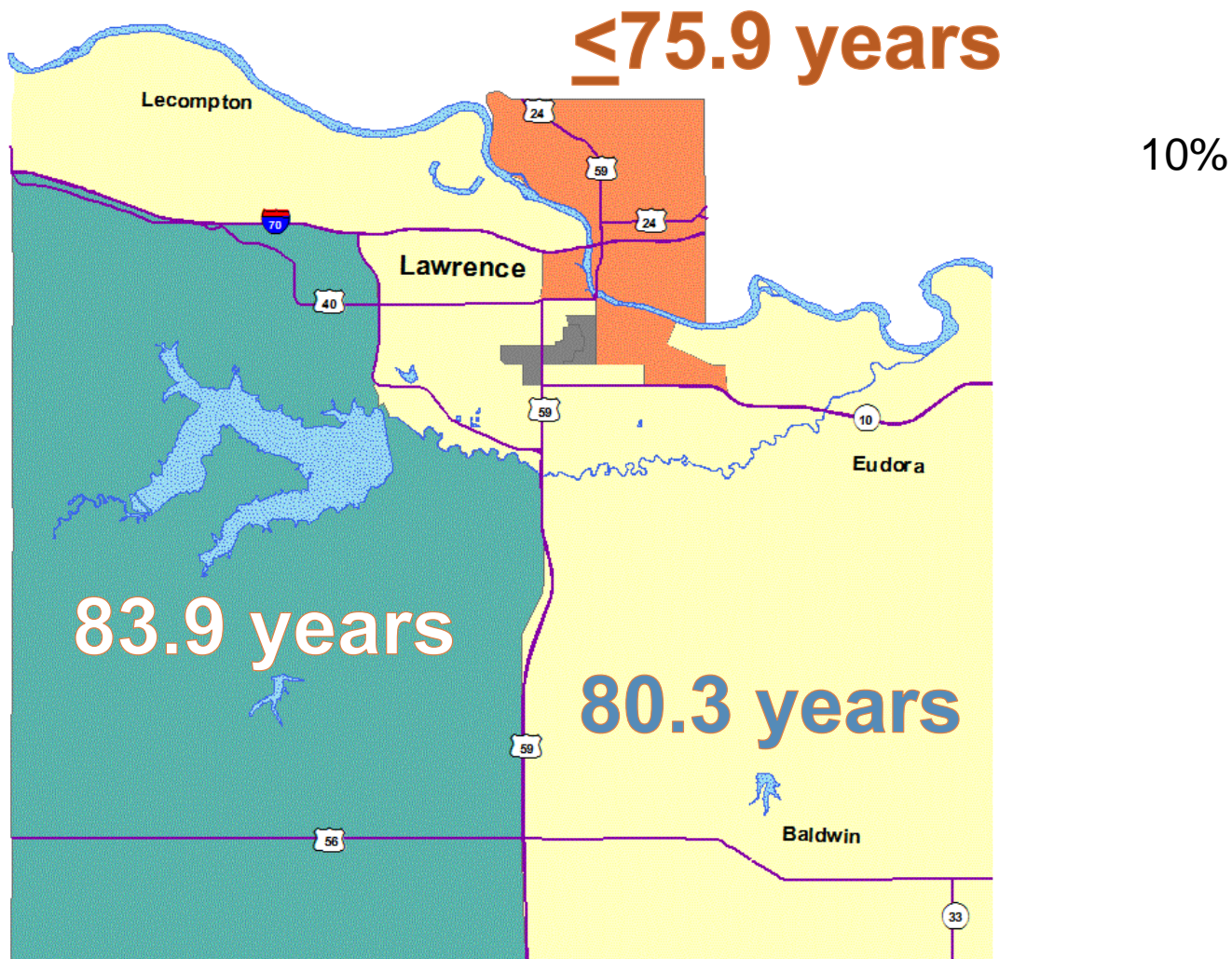CDC BRFSS 2014, US Census Bureau
2010 Census, ACS 2010-2014,

Map created by CDC/NCCDPHP/DPH/ESB-GIS

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Date: 3/13/2016

LAWRENCE-DOUGLAS COUNTY
Health Department
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Estimated Life Expectancy

≤75.9 years

10%

83.9 years

80.3 years

(Vital Statistics 2010-2015)

What is needed here?

Health Board By-laws

Section 2. <u>The Health Department.</u> The purpose and function of the Health Department shall be to provide the essential public health services as described by the National Association of County and City Health Officials (NACCHO) *Operational Definition of a Functional Local Health Department* for the population of Douglas County.
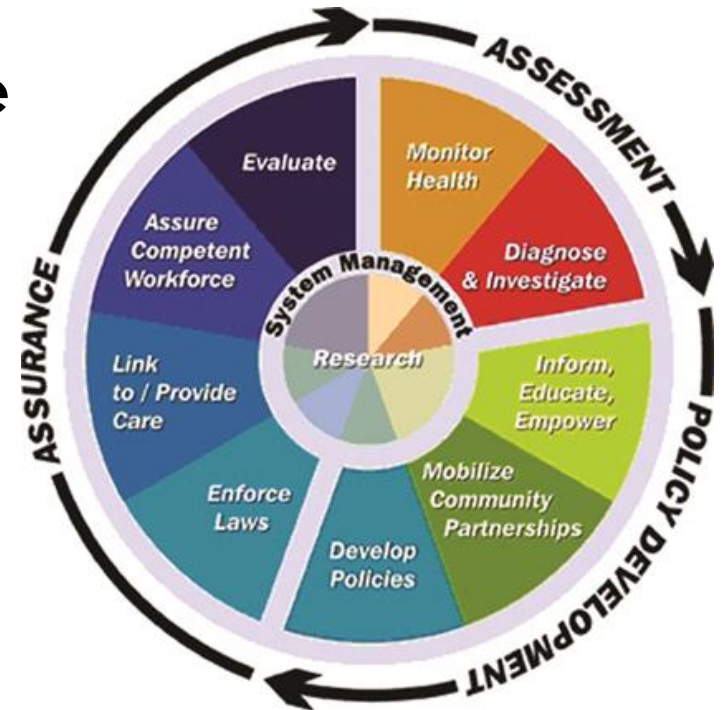
The next Community Health Plan

Planning Focus

Discrimination and racism

Healthy Foods and Physical Activity

Poverty and Jobs

Behavioral Health

Affordable Housing

LAWRENCE-DOUGLAS COUNTY
Health Department
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Survey – Poverty and Jobs

	Strength	Problem
People can receive high quality education or skills training	Lawrence >$25K income White Black/African American	
Transportation is available to all	Lawrence < $50K income Black/African American Latino Native American	
People are able to find and keep jobs that pay well.		Baldwin City, Eudora, Lawrence, Lecompton, Unincorporated DG, > $5K income, White, Black/African American, Latino, Native American, Other

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Survey – Affordable Housing

	Strength	Problem
Safe and affordable housing is available		Baldwin City Lawrence Unincorporated DG > $5K income White Native American

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Survey – Equity and Discrimination

	Strength	Problem
Our community has a fair criminal justice system	Baldwin City Lecompton > $75K income	< $5K income Black/African American
People are free from the threat of violence	Baldwin City Eudora < $5K income	Other
People are treated fairly and without discrimination	Baldwin City Eudora Lecompton Unincorporated DG	$5-15K income Black/African American Other
We value diversity, equity and inclusion	Lawrence	

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Initiatives