

8/17/2021

Oklahoma Healthy Brain Initiative Coalition



Agenda
Oklahoma Healthy Brain
Initiative (OHBI)
August 12, 2021
12:00 PM-1:00 PM

Time	Topic	Discussion Points	Team Member(s) Responsible
12:00—1:05	Welcome	Meeting schedule	Morgan Fitzgerald John Morton
12:10- 12:30	Healthy Brain Initiative Road Map Series	Discuss action item of focus	Morgan Fitzgerald
12:30-12:55	Data	- What we have - What is missing?	Morgan Fitzgerald
12:55-1:00	Close	Share	D&S Members

Next Meeting: October 7, 2021 12-1pm

Healthy Brain Initiative Road Map Series

M-3: Use data gleaned through available surveillance strategies and other sources to inform the public health program and policy response to cognitive health, impairment, and caregiving.

Data

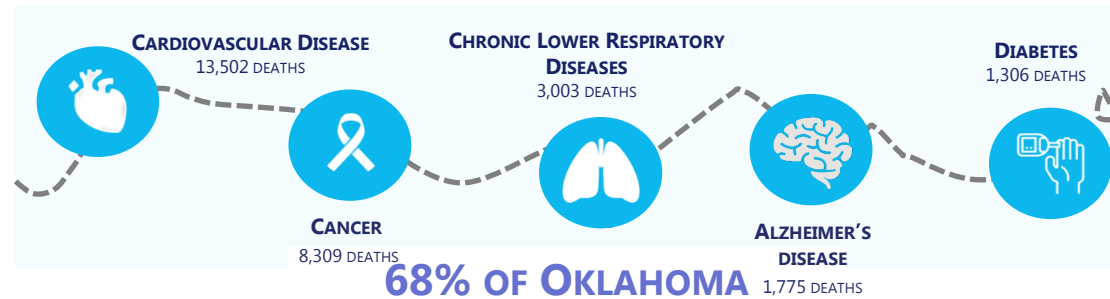
4-5-68 IN OKLAHOMA

4

BEHAVIORS



5 CHRONIC DISEASES



68% OF OKLAHOMA DEATHS

Over 41,000 annual deaths from all causes in Oklahoma

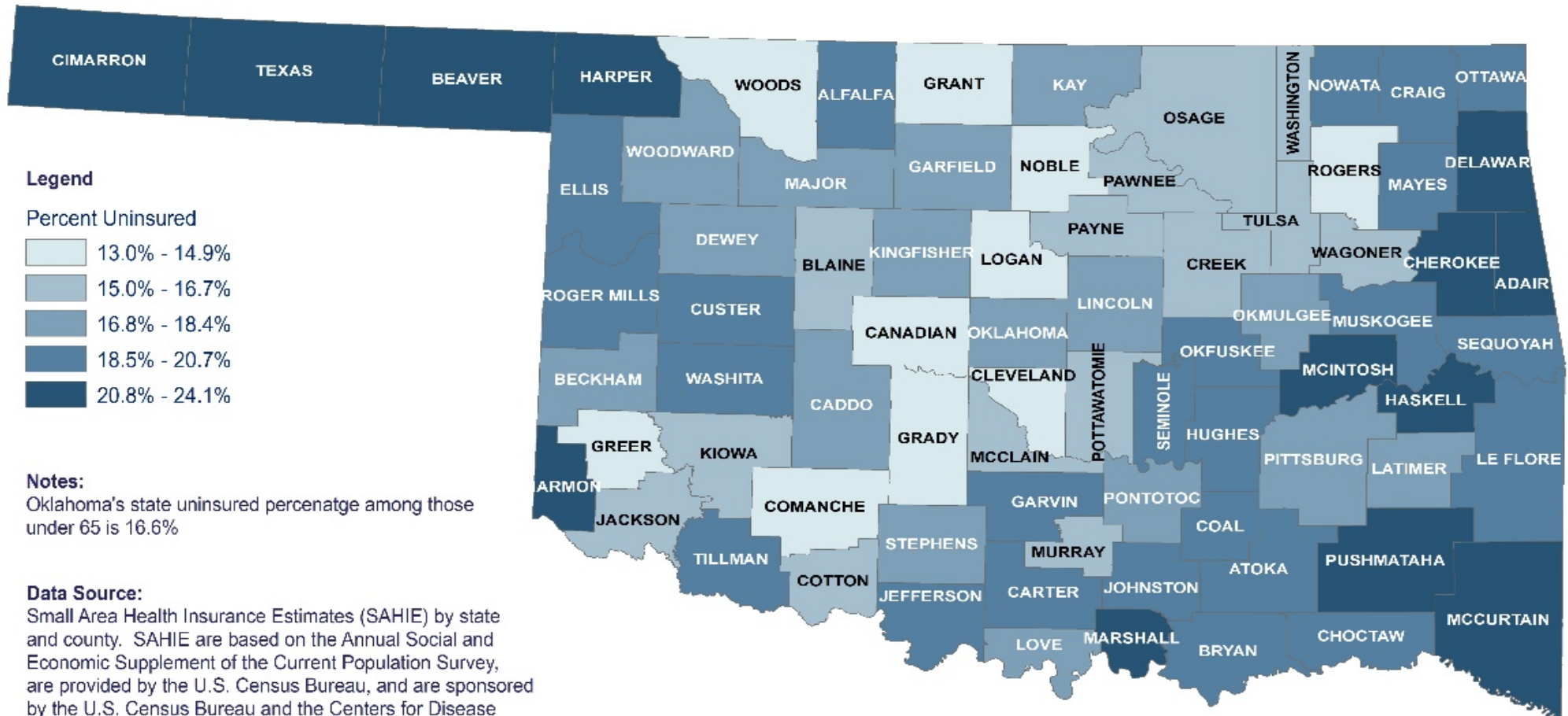
More than

2/3

Oklahomans die from a 4-5-68 chronic disease



Oklahoma Uninsured - Under 65 Years of Age



Projection/Coordinate System: USGS Albers Equal Area Conic

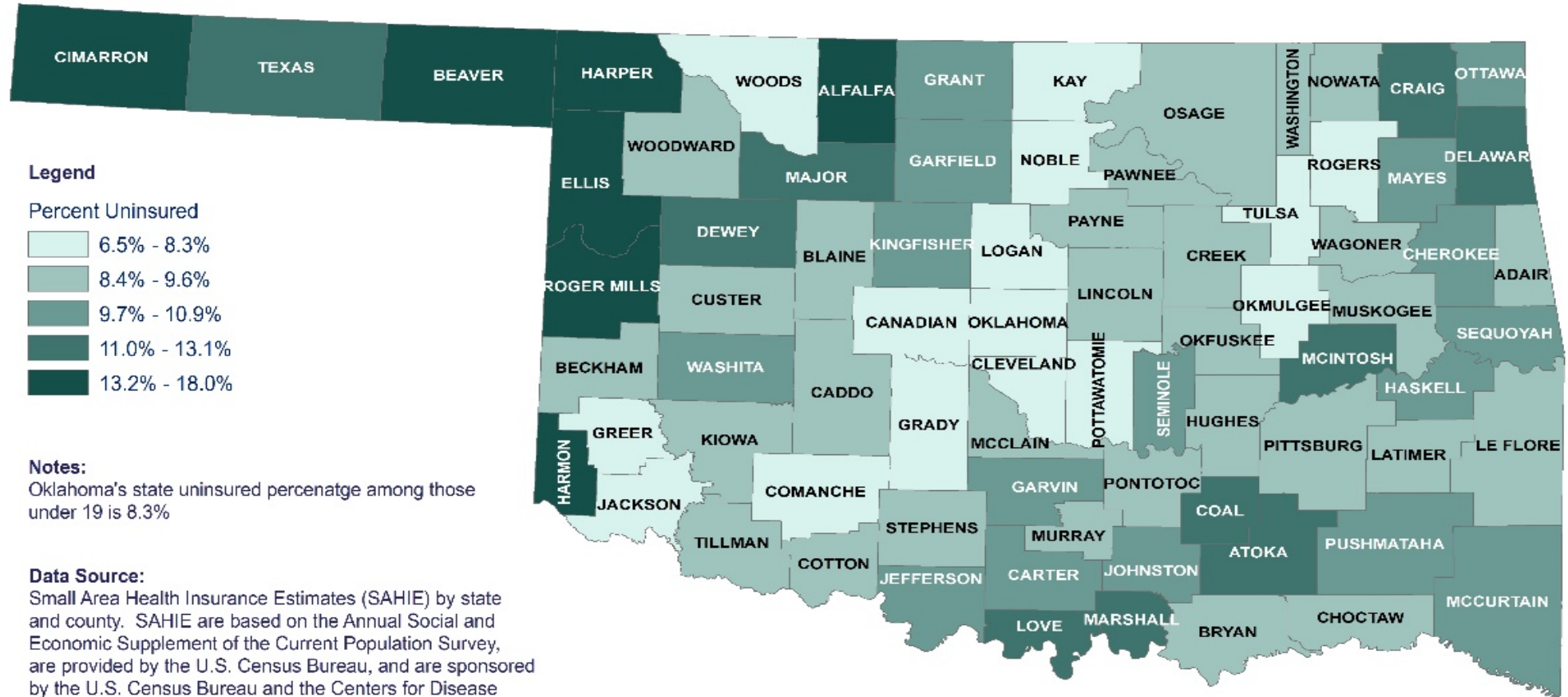
Created: 6.18.2021



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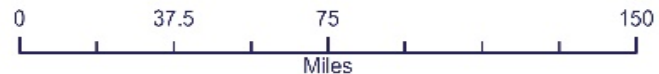


Oklahoma Uninsured - Under 19 Years of Age



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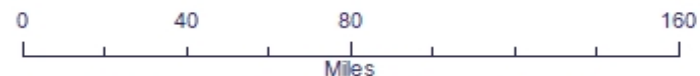
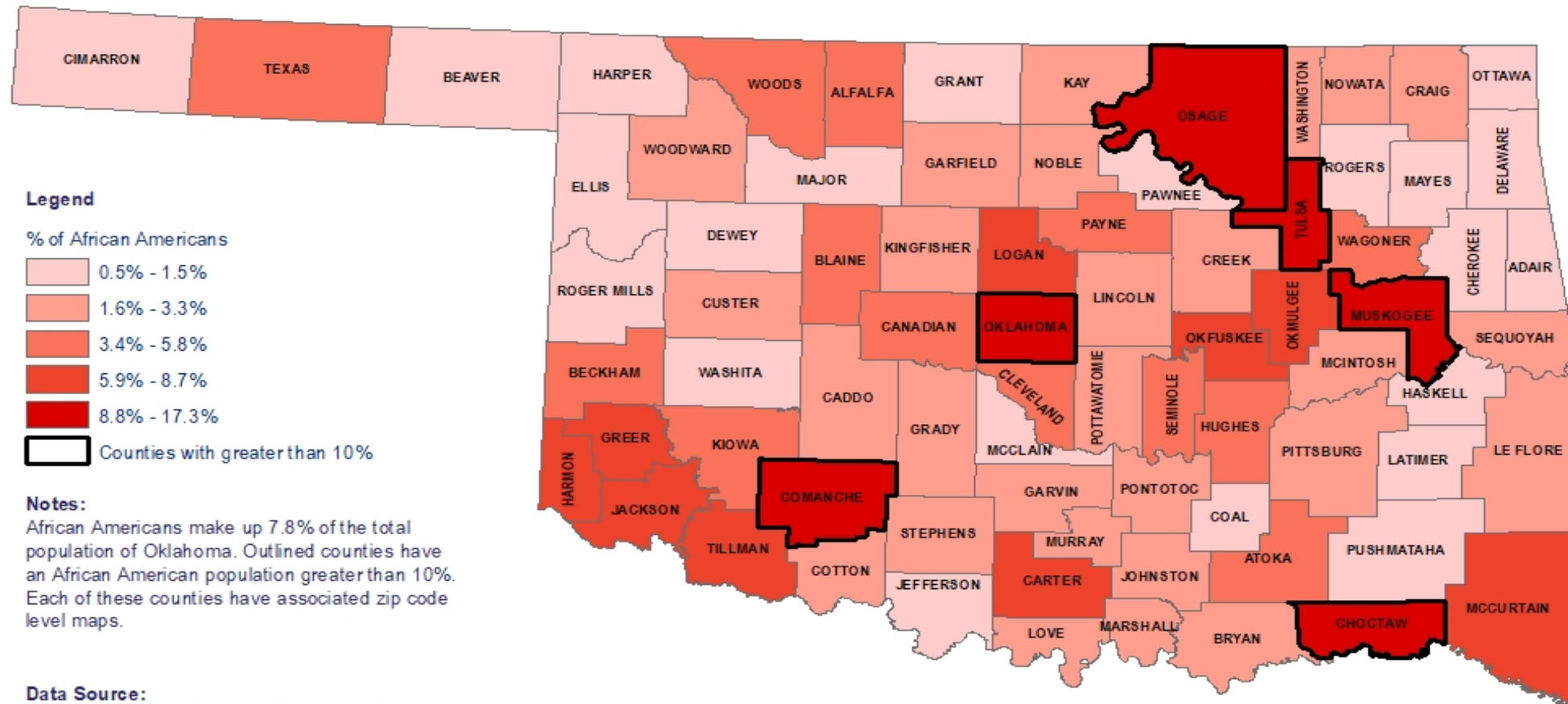
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Oklahoma African American Distribution



Projection/Coordinate System: USGS Albers Equal Area Conic



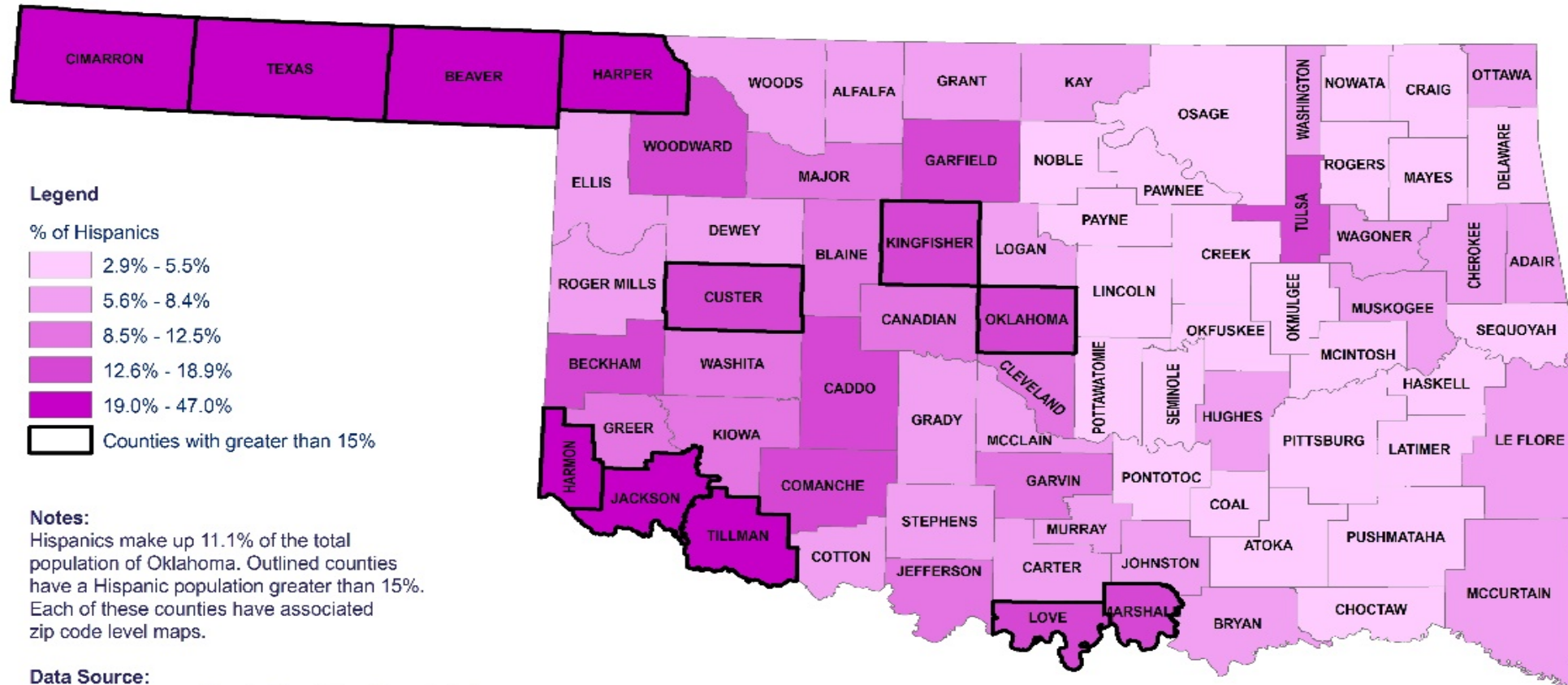
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Oklahoma Hispanic Distribution



Notes:
Hispanics make up 11.1% of the total population of Oklahoma. Outlined counties have a Hispanic population greater than 15%. Each of these counties have associated zip code level maps.

Data Source:
US Census Bureau County Population Characteristics,
July 2019 Estimates

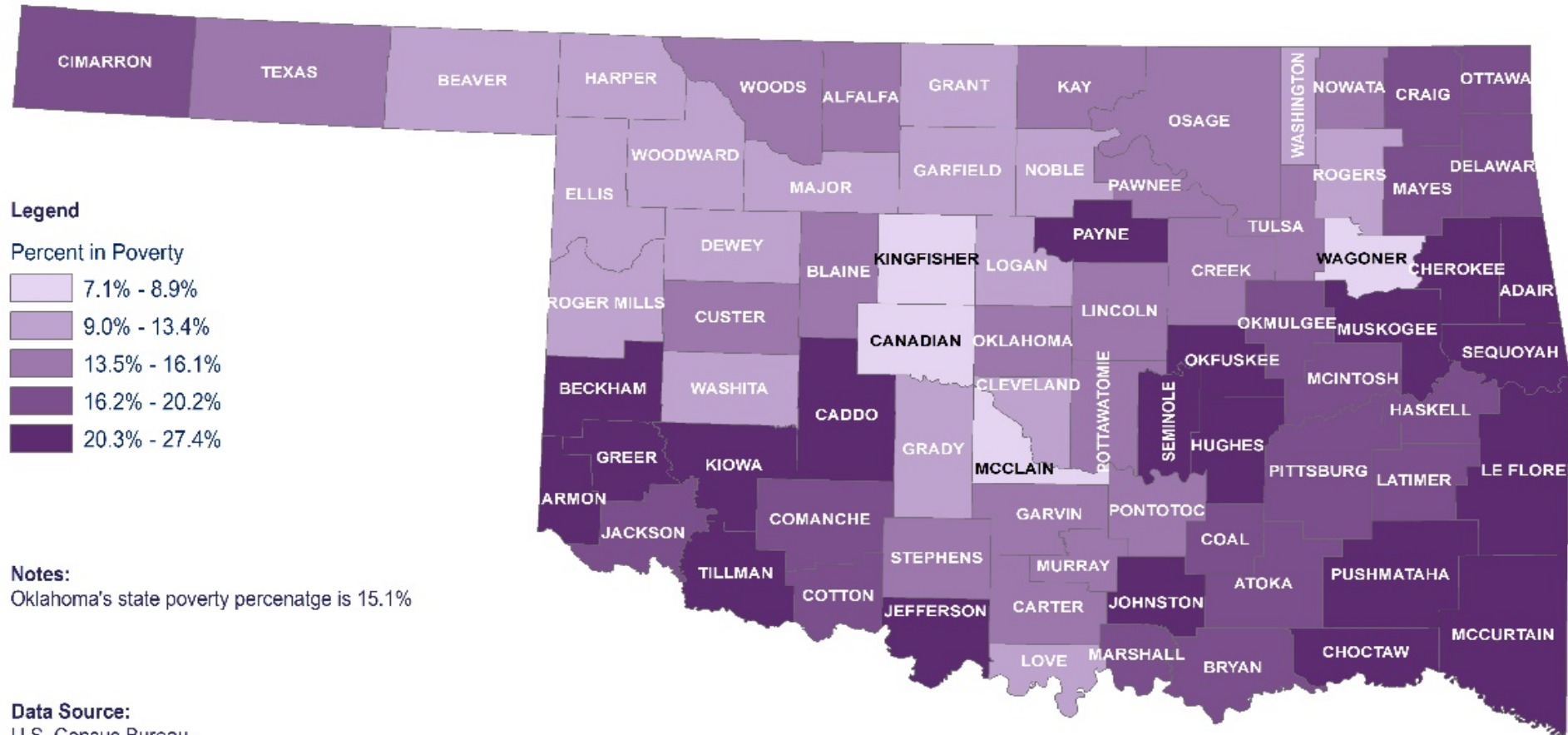
0 40 80 160
Miles
Projection/Coordinate System: USGS Albers Equal Area Conic

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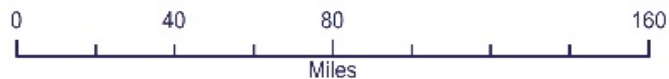


Oklahoma Poverty Percentages, 2019



Projection/Coordinate System: USGS Albers Equal Area Conic

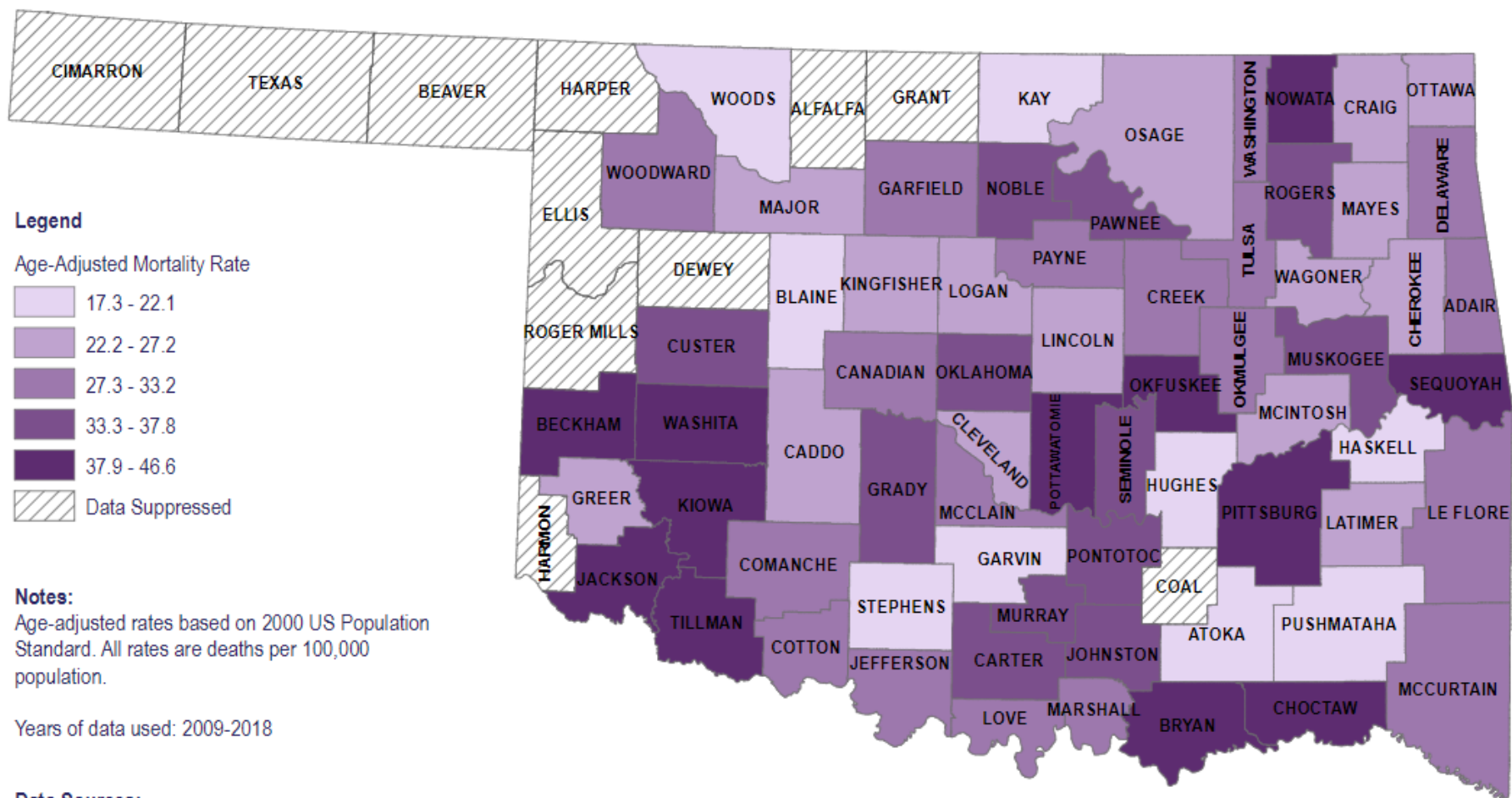
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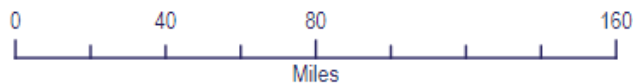


Oklahoma Age-Adjusted Alzheimer's Mortality Rate



Projection/Coordinate System: USGS Albers Equal Area Conic

Created: 05.07.2020



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cognitive decline in oklahoma

alzheimer's  association®

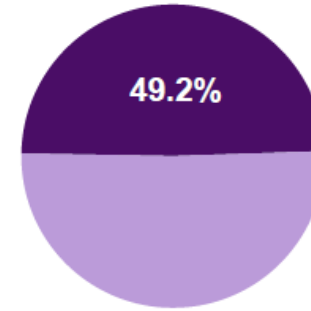
DATA FROM THE 2019 BEHAVIORAL RISK FACTOR SURVEILLANCE SYSTEM

In Oklahoma, **14%** — 1 in 7 — of those aged 45 and over report they are experiencing confusion or memory loss that is happening more often or is getting worse (“subjective cognitive decline”).

Half of them have not talked to a health care professional about it.

For those with worsening memory problems, **49.6%** say it has created “functional difficulties” — that is, caused them to give up day-to-day activities and/or interfered with work or social activities.

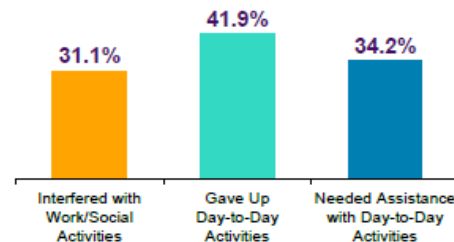
Percent with memory problems who have not talked to a health care provider



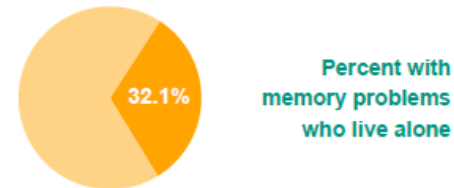
Percent of Those Aged 45+ with Subjective Cognitive Decline

All	Gender		Age					Educational Attainment			
	Men	Women	45-59	60-64	65-74	75-79	80+	< High School	High School	Some College	College Grad
14.0%	14.5%	13.7%	13.8%	11.2%	13.9%	13.5%	21.4%	20.4%	14.7%	14.3%	9.2%

Percent with memory problems who say it created difficulties and burden

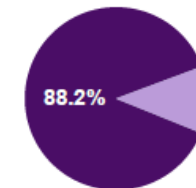


This Fact Sheet is supported by the Centers for Disease Control and Prevention of the U.S. Department of Health and Human Services (HHS) as part of a financial assistance award totaling \$2,795,933 with 100 percent funded by CDC/HHS. The contents are those of the author(s) and do not necessarily represent the official views of, nor an endorsement, by CDC/HHS, or the U.S. Government.



Percent with memory problems who live alone

Percent with memory problems who have at least one other chronic condition*



*Defined as arthritis, asthma, COPD, cancer, cardiovascular disease, and diabetes

WELLNESS COUNTY PROFILE

2020



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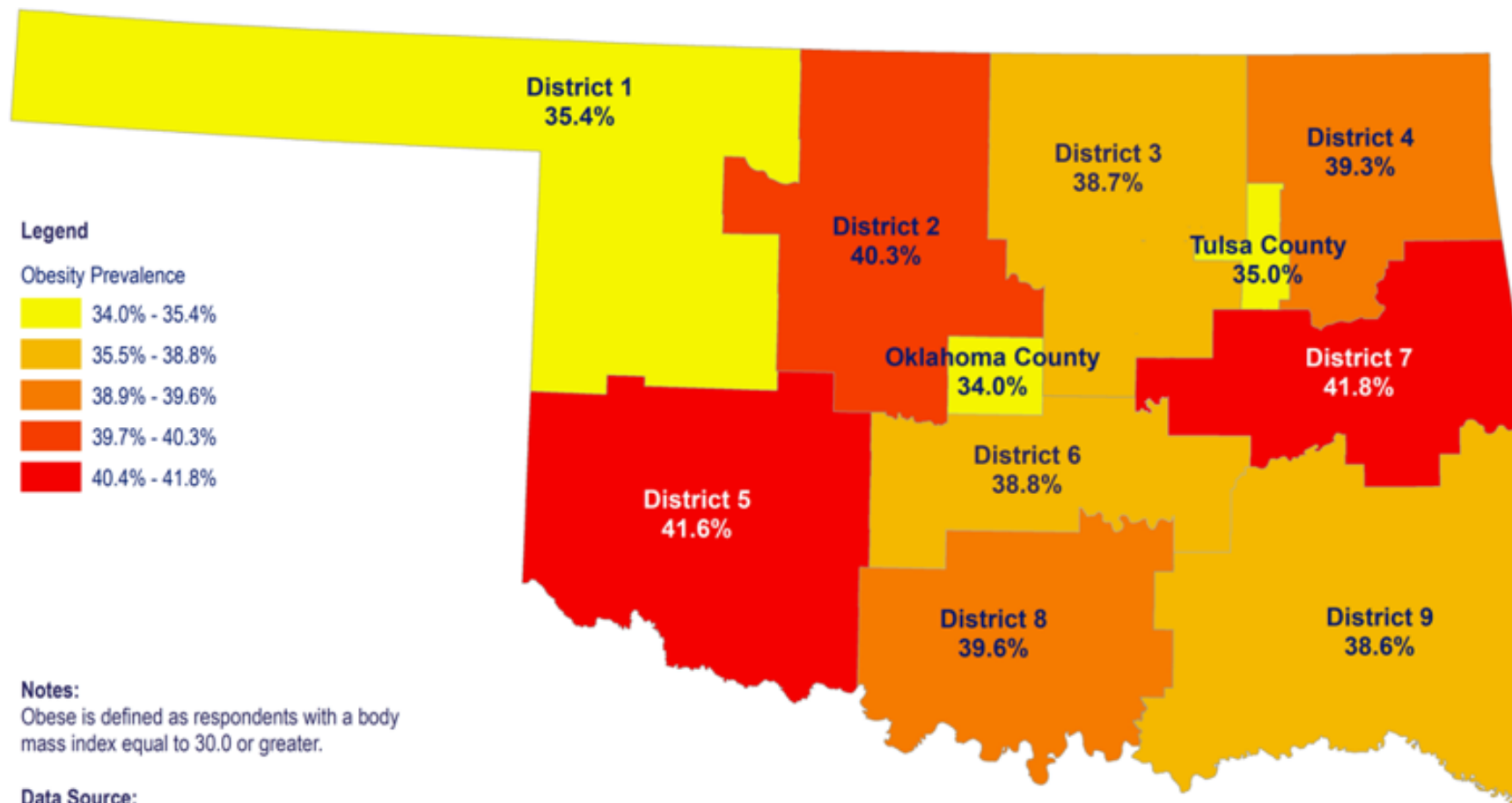
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OKLAHOMA OBESITY PREVALENCE BY OSDH DISTRICTS - 2019



Notes:

Obese is defined as respondents with a body mass index equal to 30.0 or greater.

Data Source:

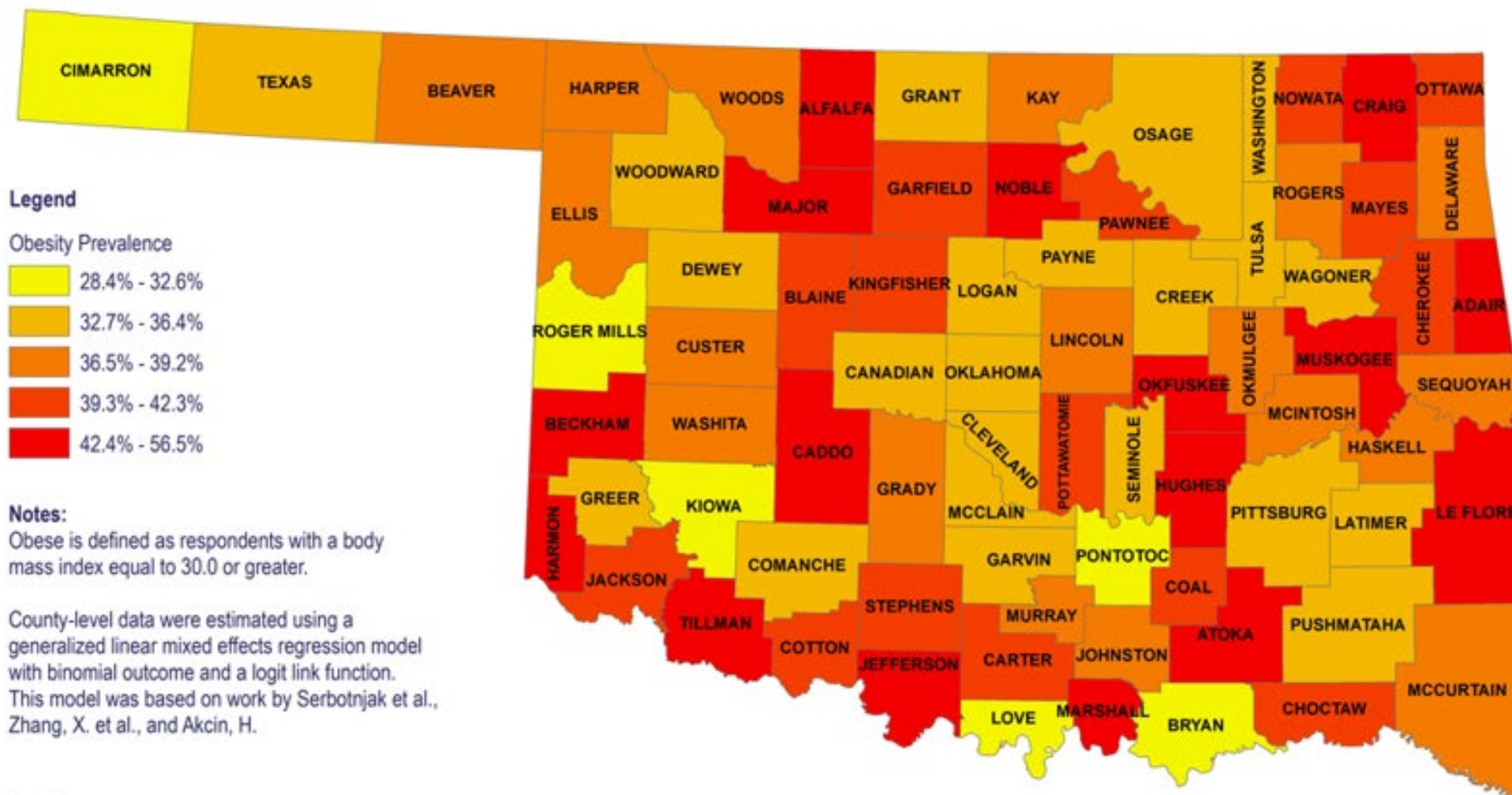
2019 Behavioral Risk Factor Surveillance System,
Oklahoma State Department of Health

Projection/Coordinate System: USGS Albers Equal Area Conic

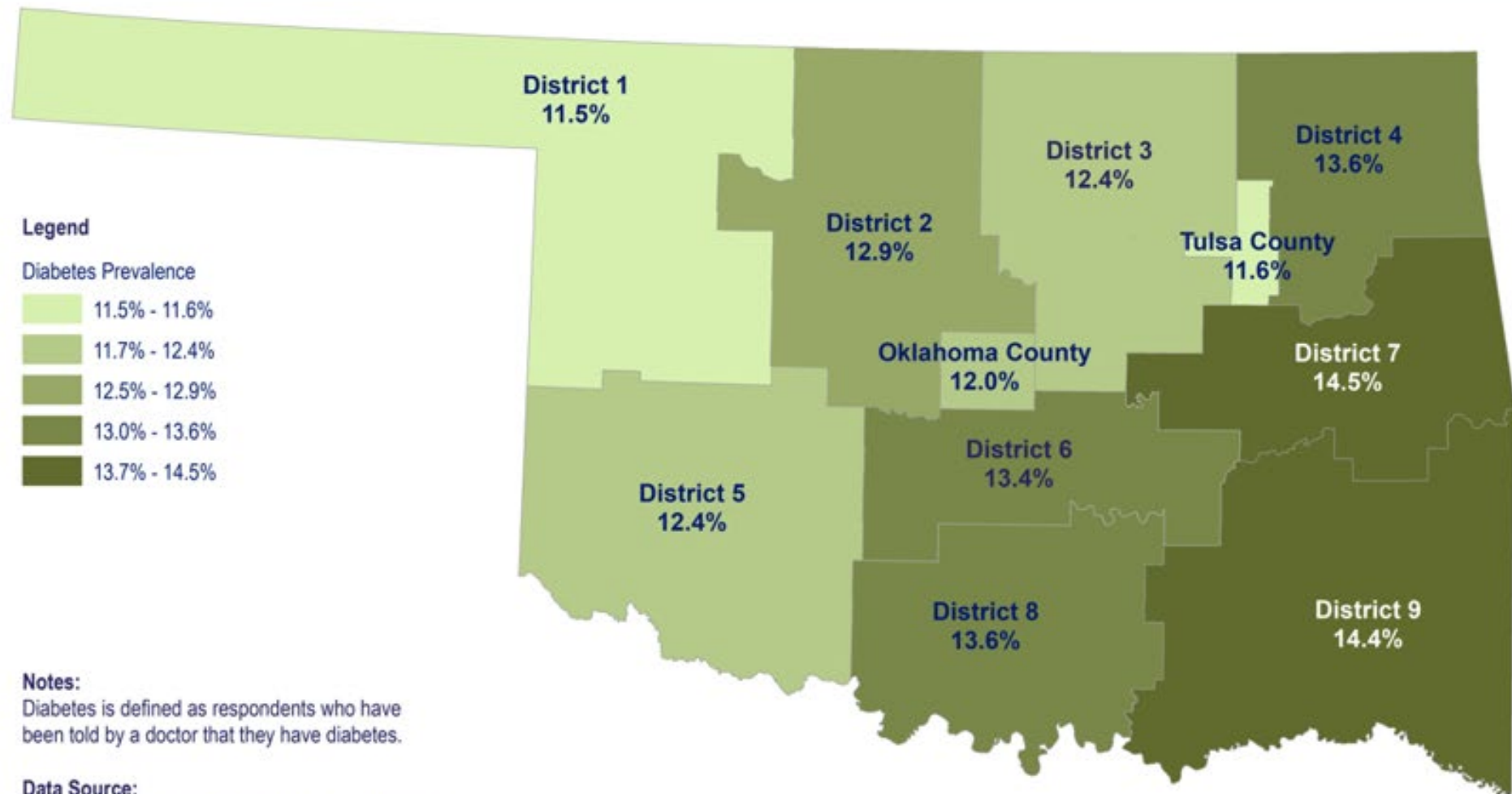
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OKLAHOMA OBESITY PREVALENCE BY COUNTIES - 2019



OKLAHOMA DIABETES PREVALENCE BY OSDH DISTRICTS - 2019



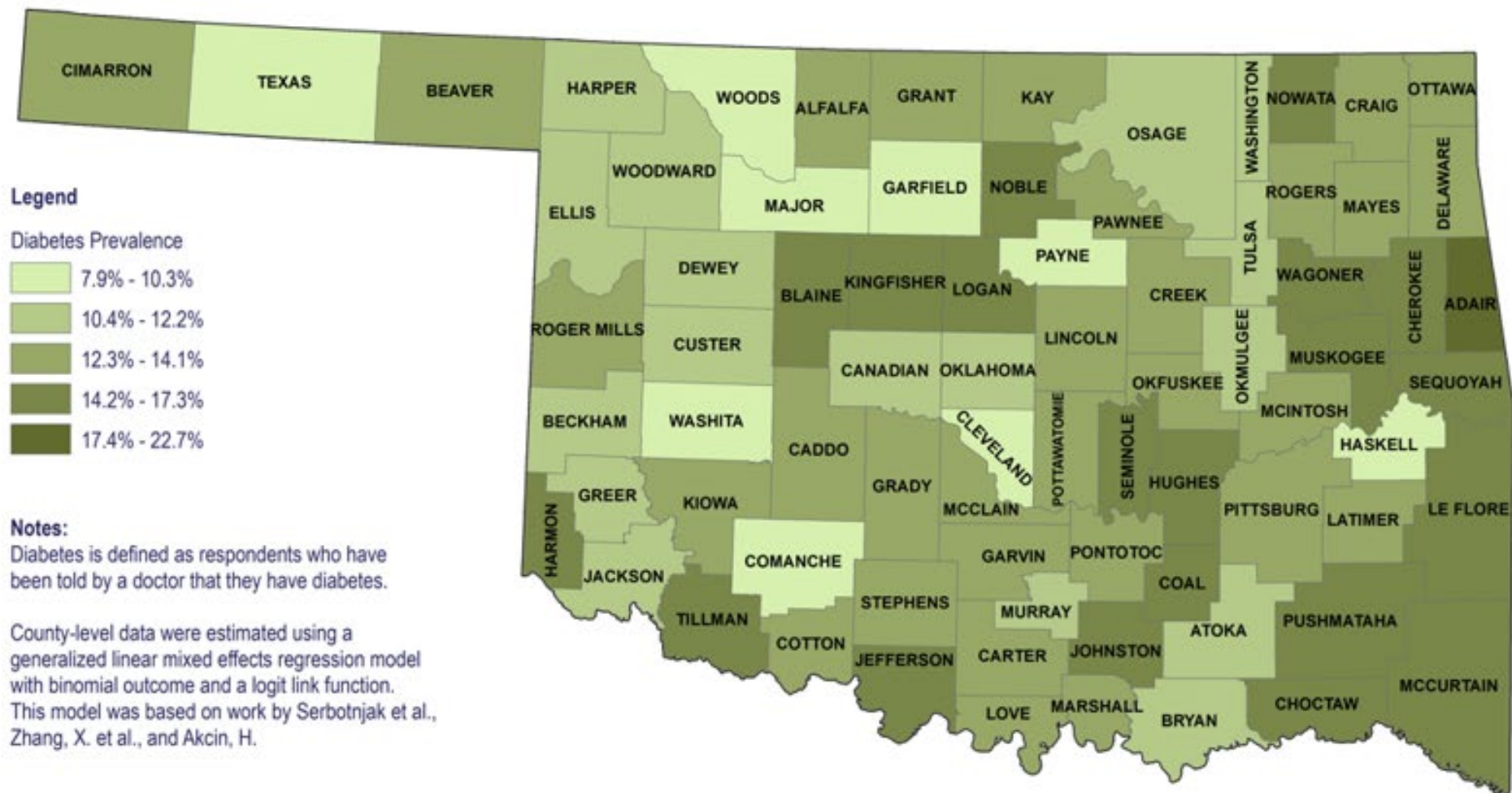
Projection/Coordinate System: USGS Albers Equal Area Conic

Created: 02.22.2021



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OKLAHOMA DIABETES PREVALENCE BY COUNTIES - 2019

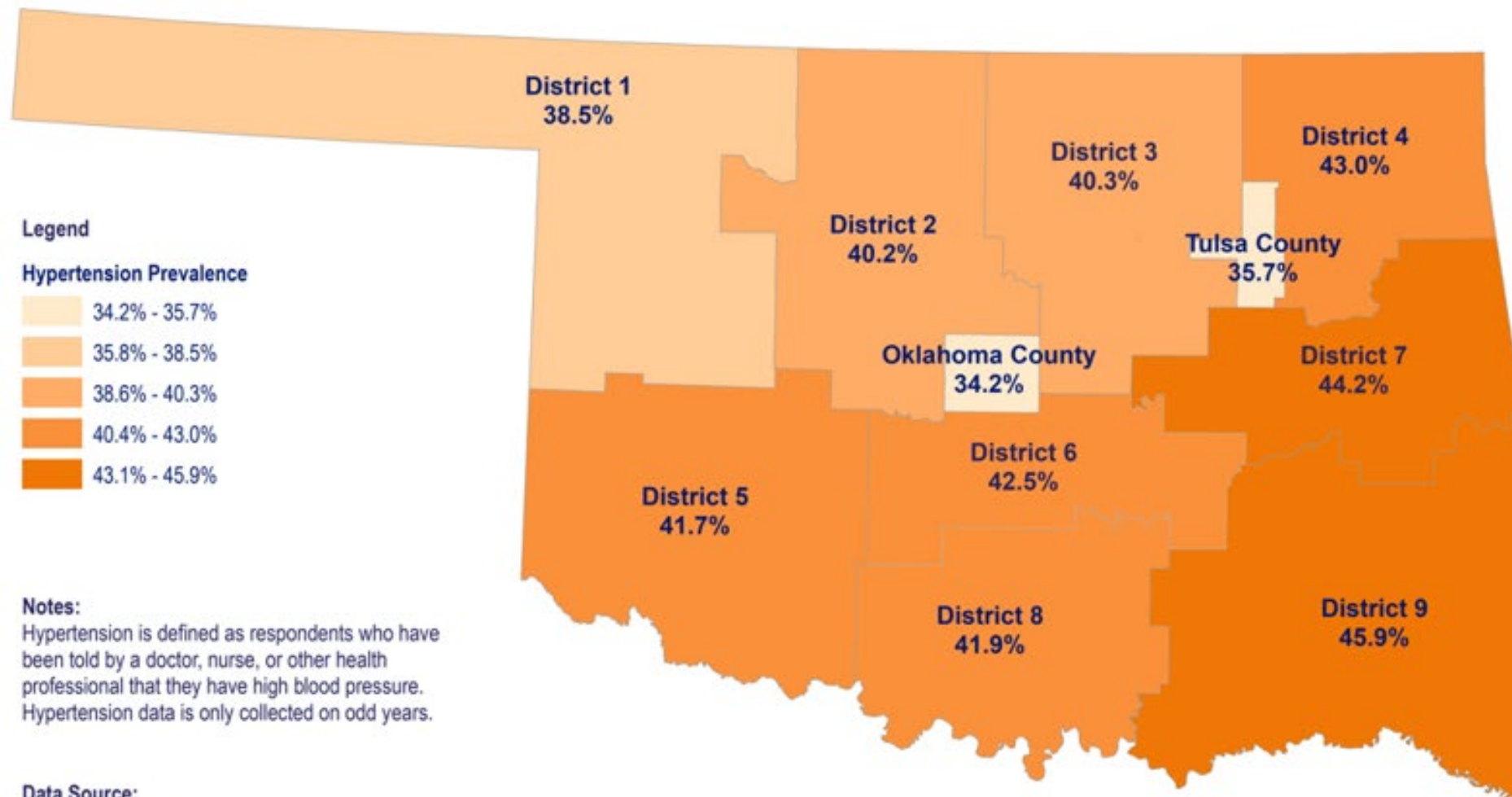


Projection/Coordinate System: USGS Albers Equal Area Conic

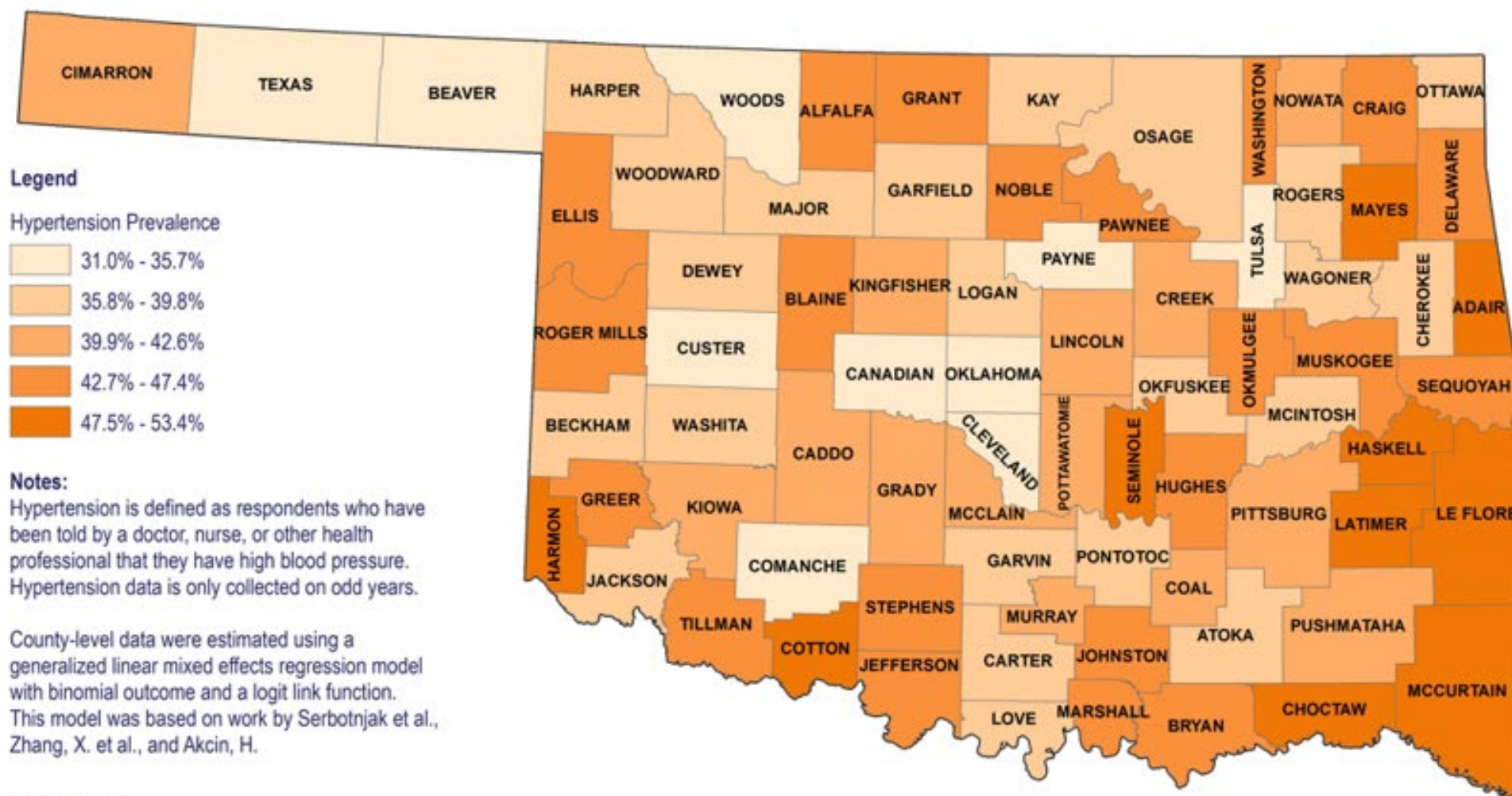
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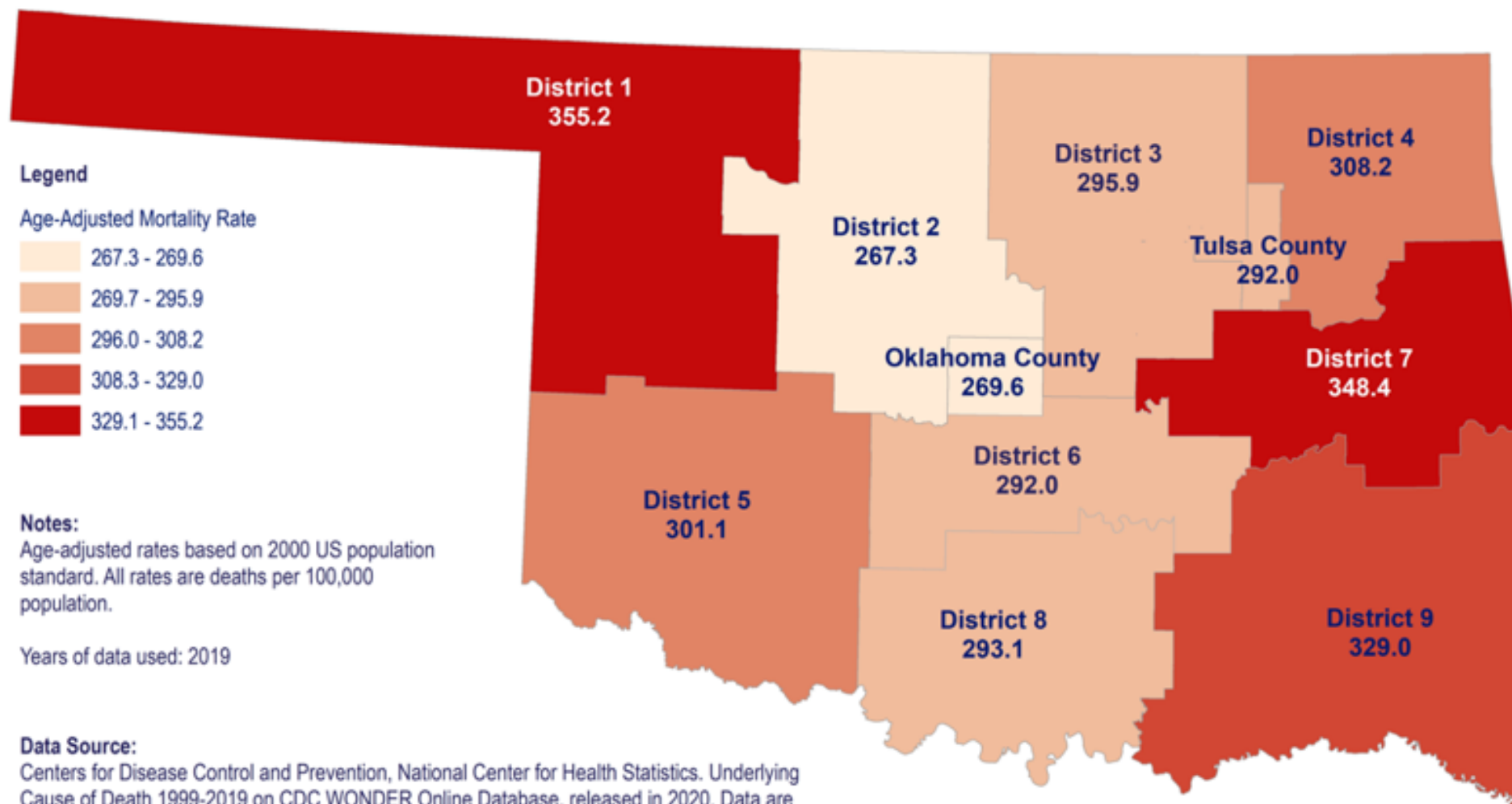
OKLAHOMA HYPERTENSION PREVALENCE BY OSDH DISTRICTS - 2019



OKLAHOMA HYPERTENSION PREVALENCE BY COUNTIES - 2019

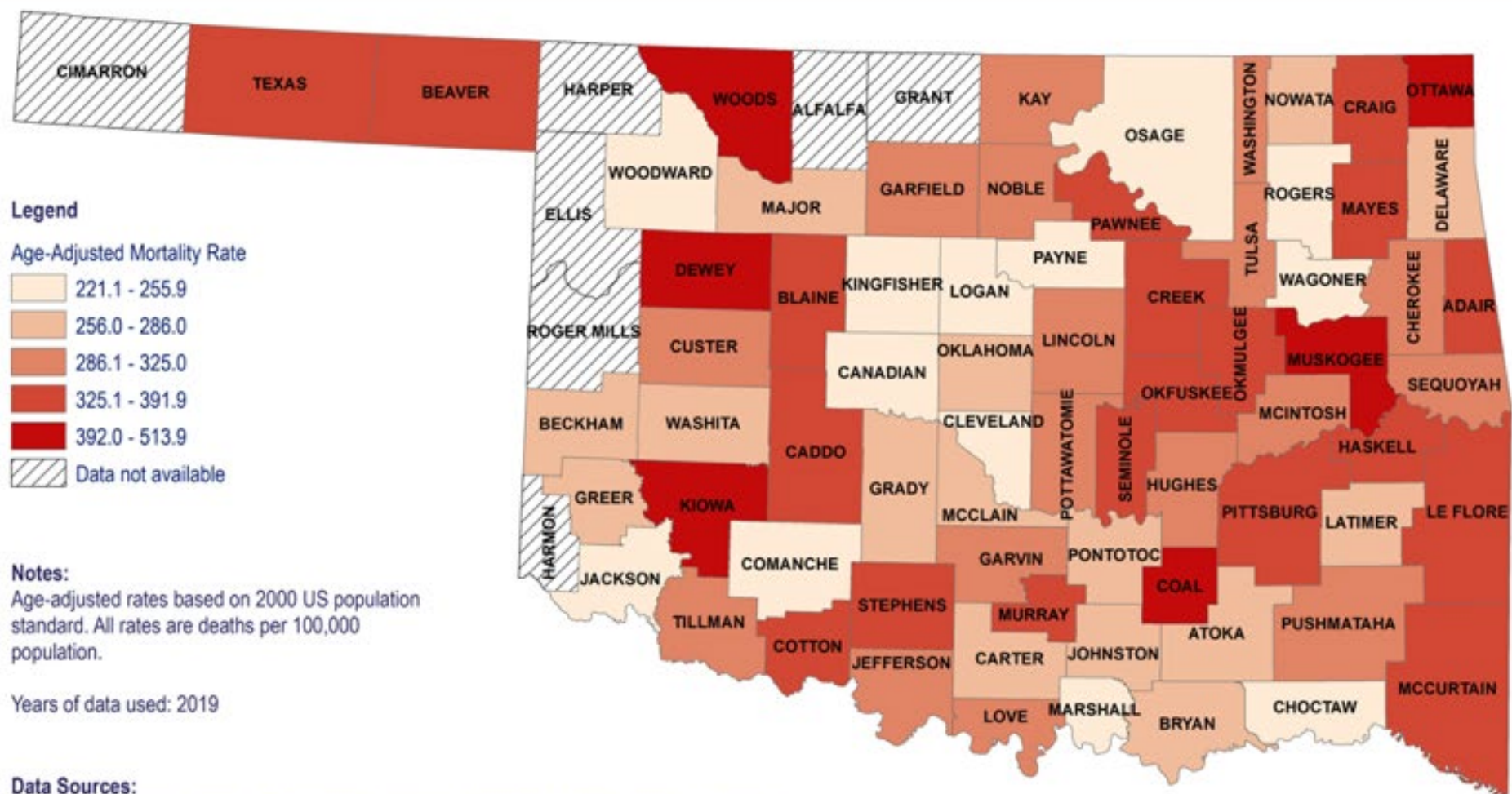


OKLAHOMA CARDIOVASCULAR DISEASE MORTALITY BY OSDH DISTRICTS - 2019



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OKLAHOMA CARDIOVASCULAR DISEASE MORTALITY BY COUNTIES - 2019

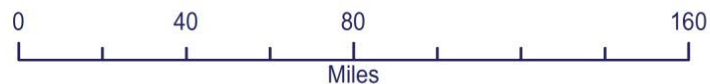
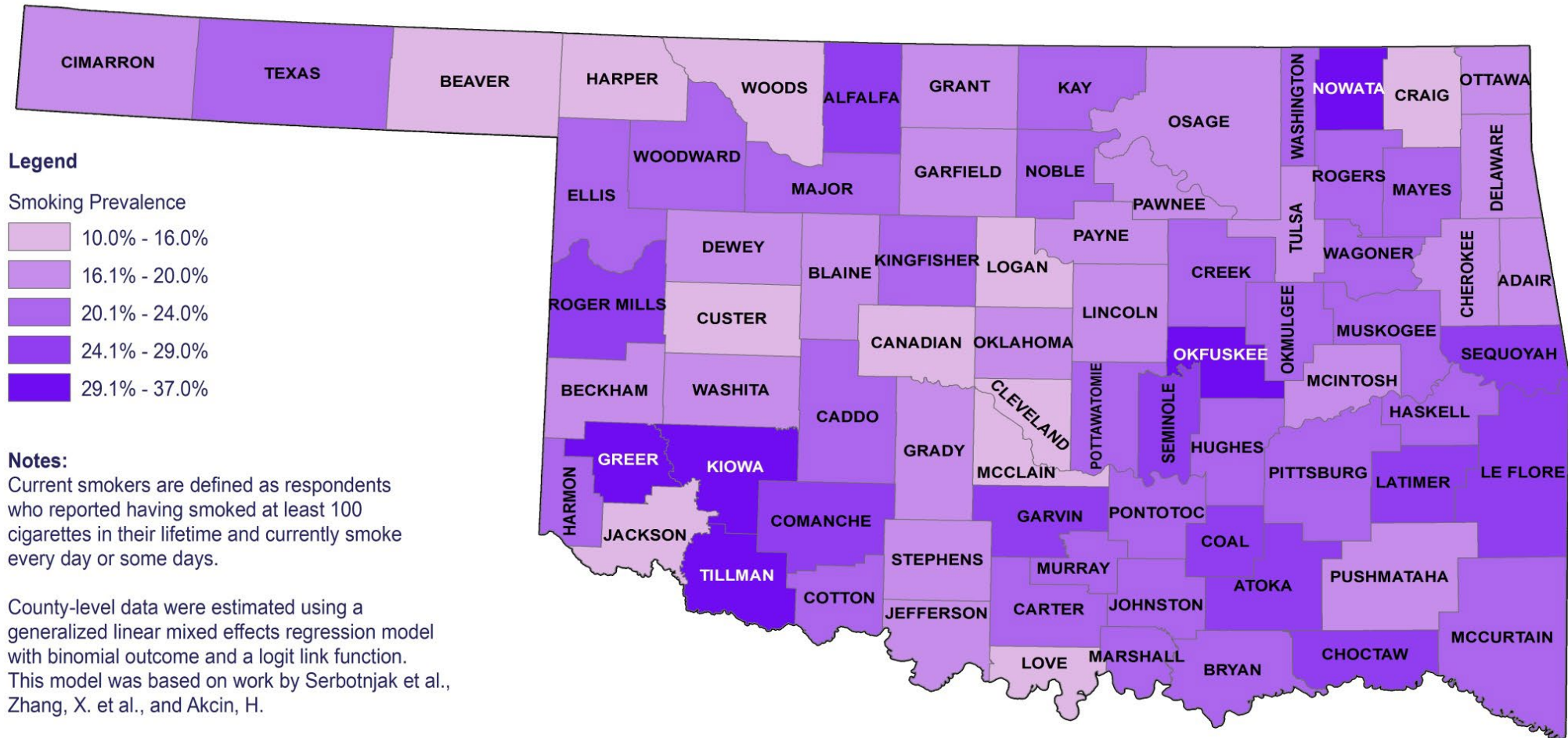


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Oklahoma Smoking Prevalence, 2018

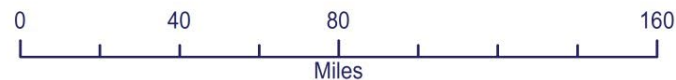
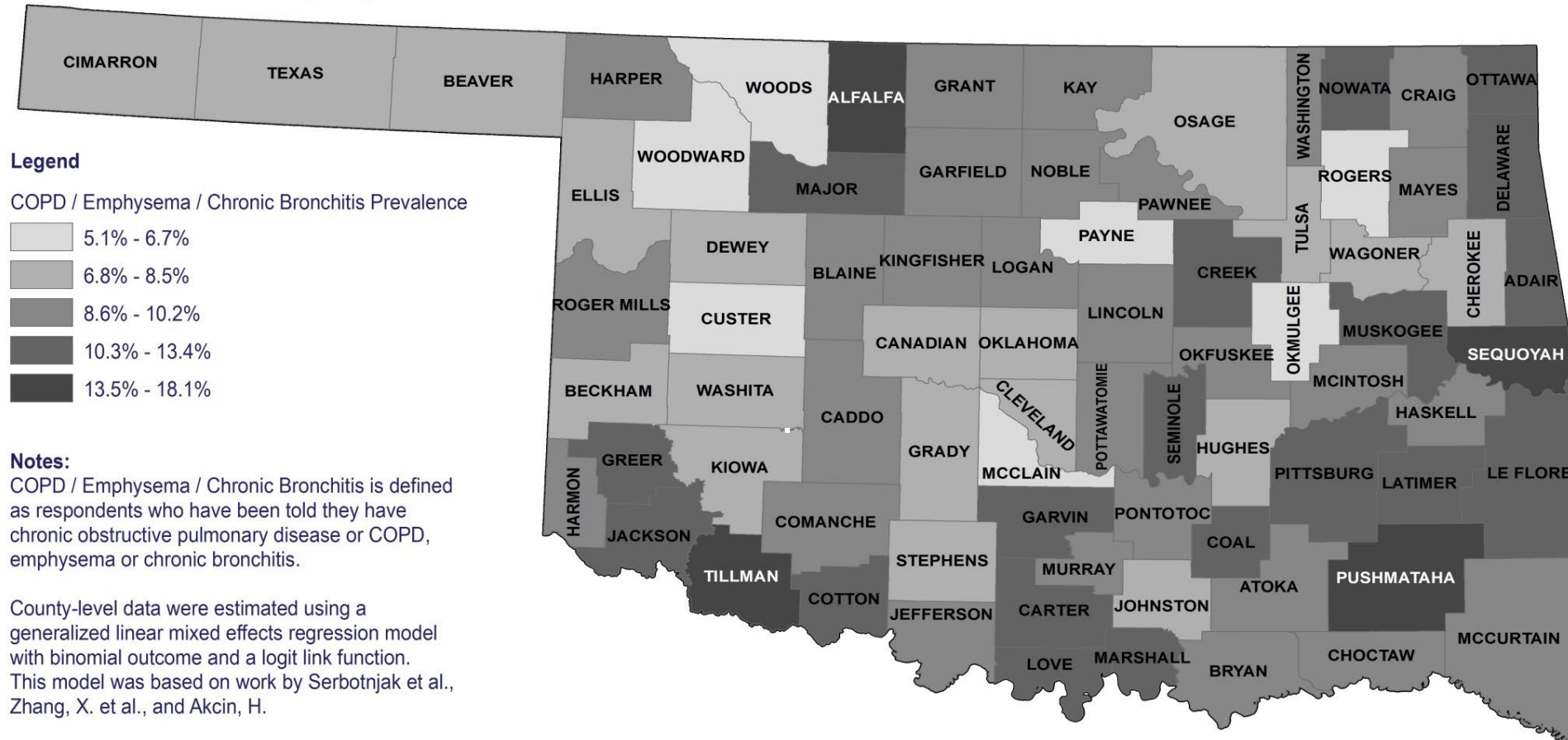


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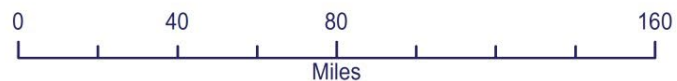
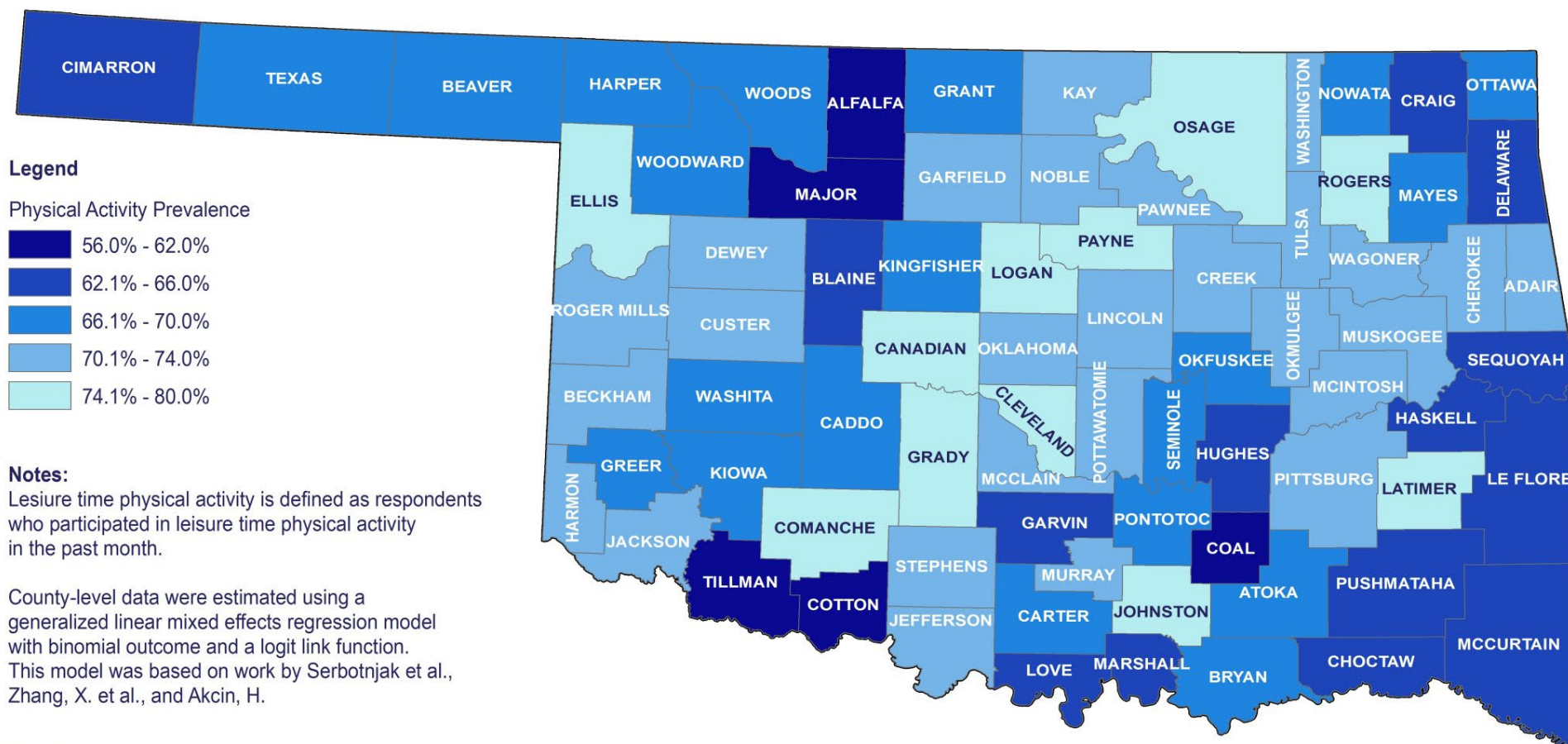
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Oklahoma State Department of Health

Oklahoma Chronic Obstructive Pulmonary Disease (COPD) / Emphysema / Chronic Bronchitis Prevalence, 2018



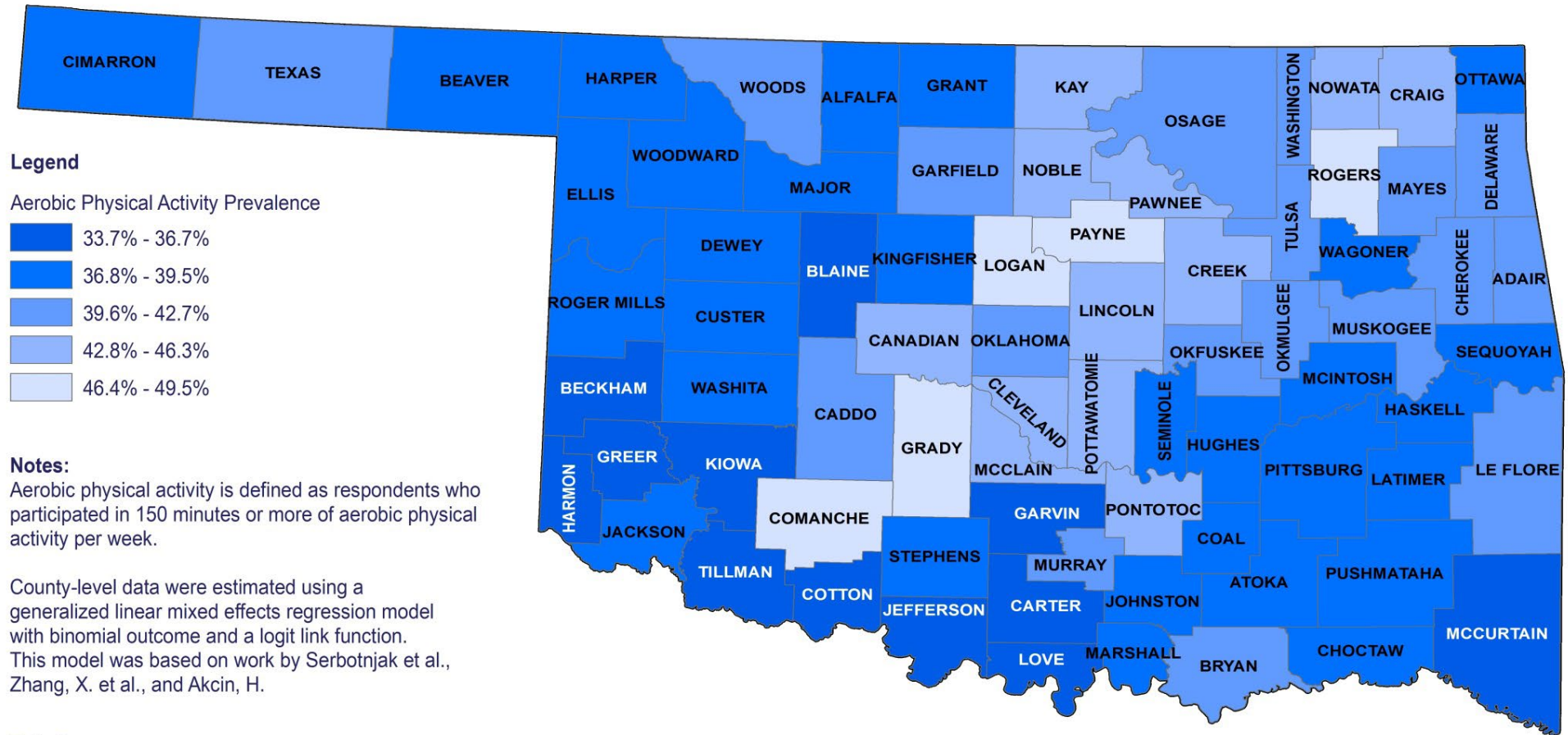
Center for Chronic Disease Prevention
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Oklahoma Lesiure Time Physical Activity Prevalence, 2018



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Oklahoma Aerobic Physical Activity Prevalence, 2017



Projection/Coordinate System: USGS Albers Equal Area Conic

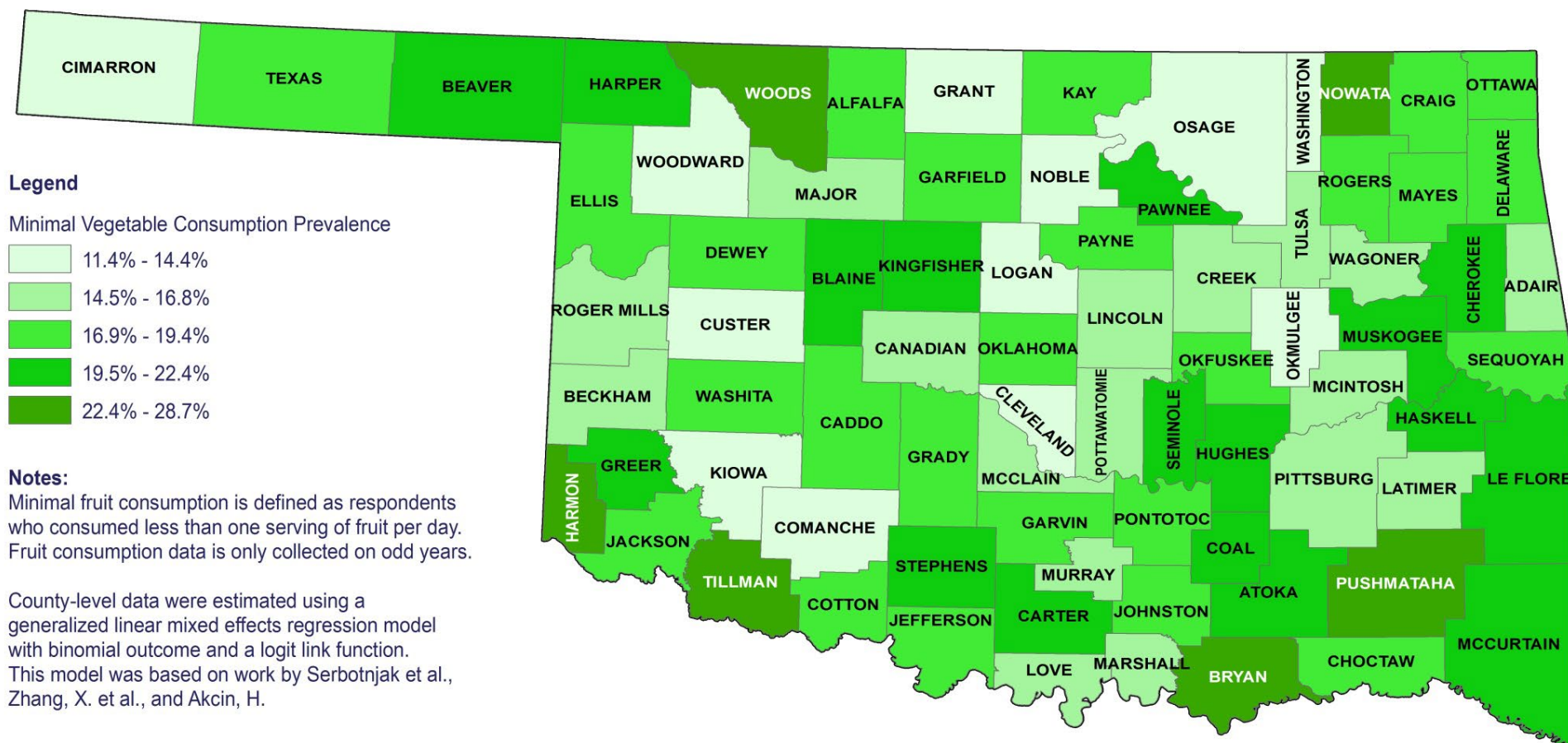
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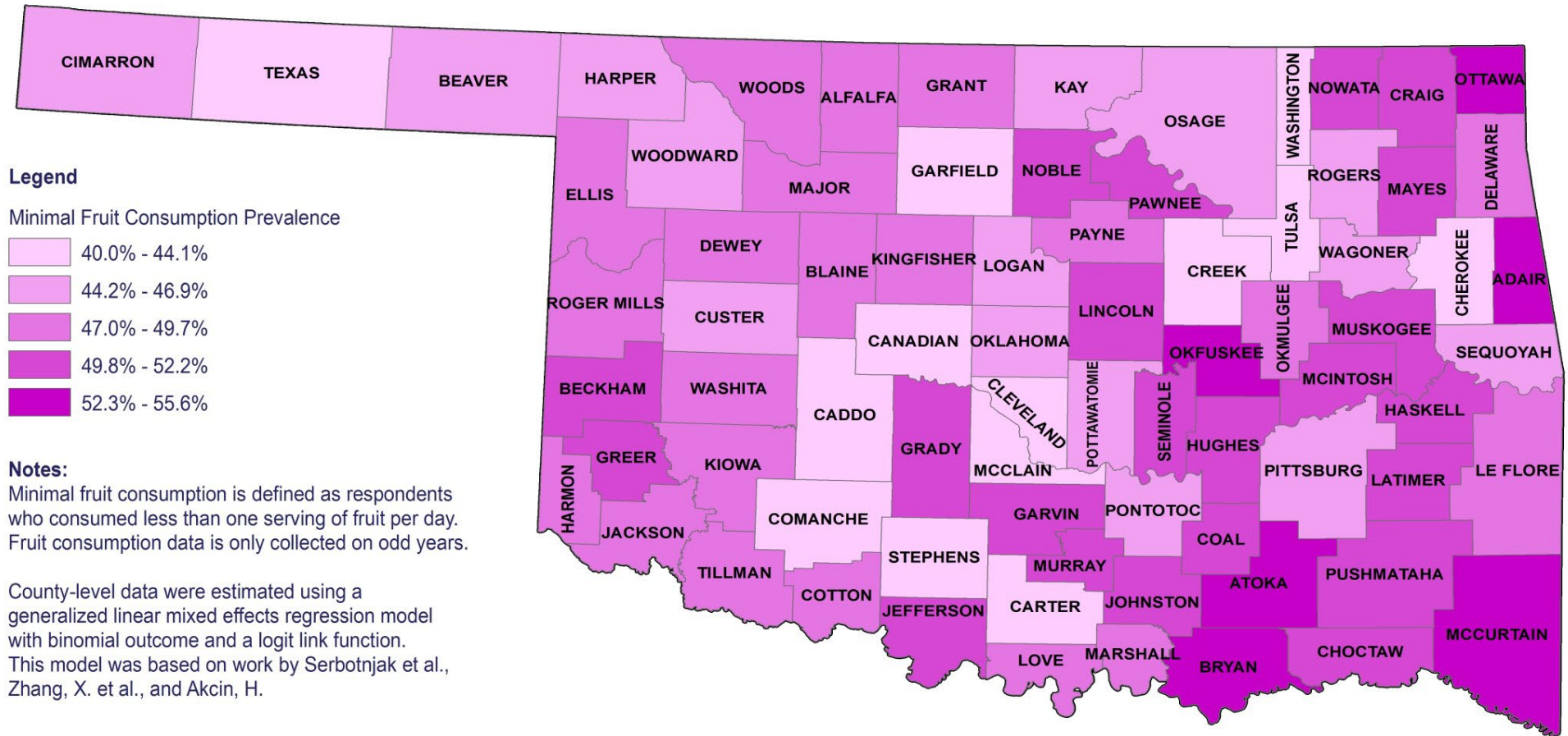
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Oklahoma State Department of Health

Oklahoma Minimal Vegetable Consumption Prevalence, 2017



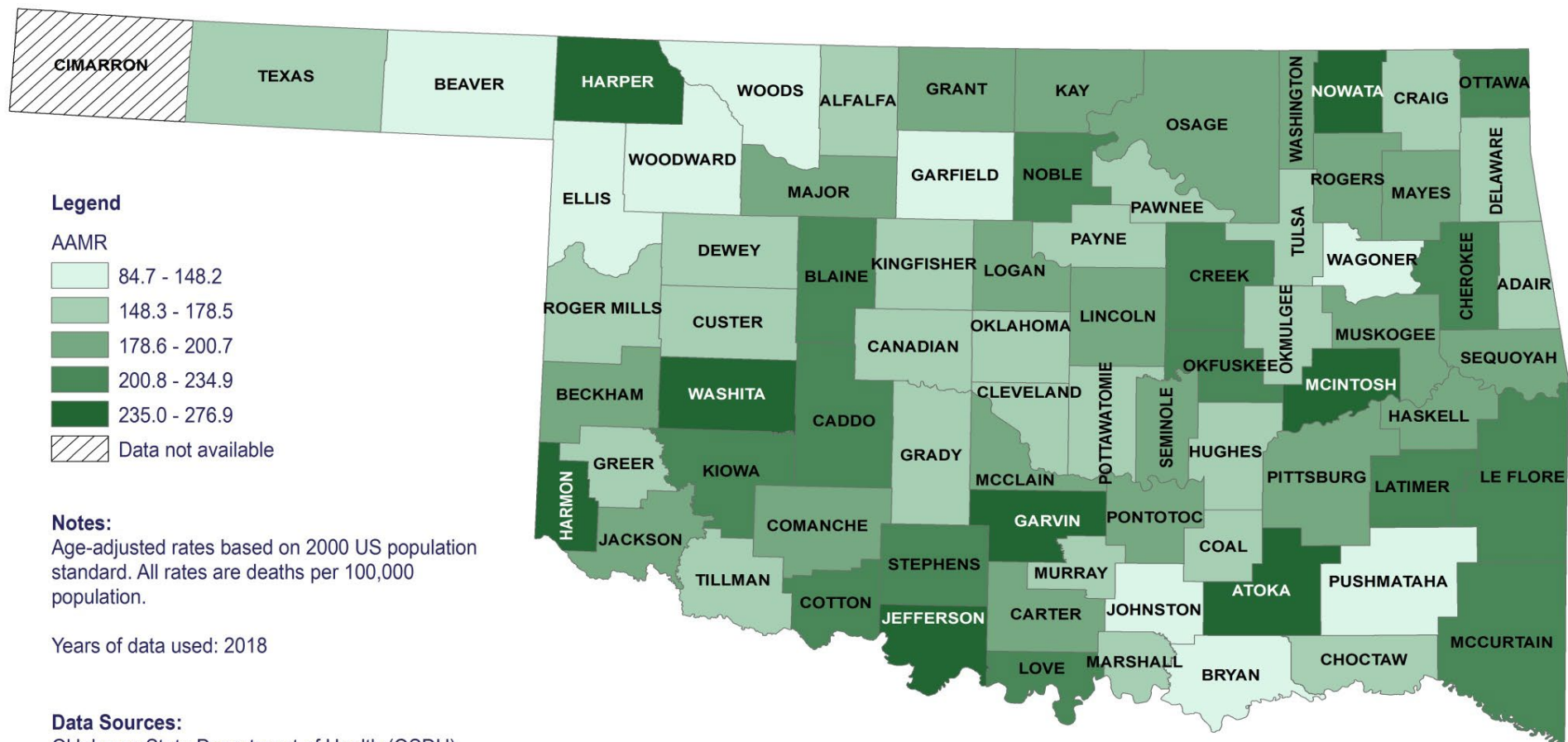
Center for Chronic Disease Prevention
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Oklahoma State Department of Health

Oklahoma Minimal Fruit Consumption Prevalence, 2017



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Oklahoma State Department of Health

Oklahoma Age-Adjusted Cancer Mortality Rate, 2018



Projection/Coordinate System: USGS Albers Equal Area Conic

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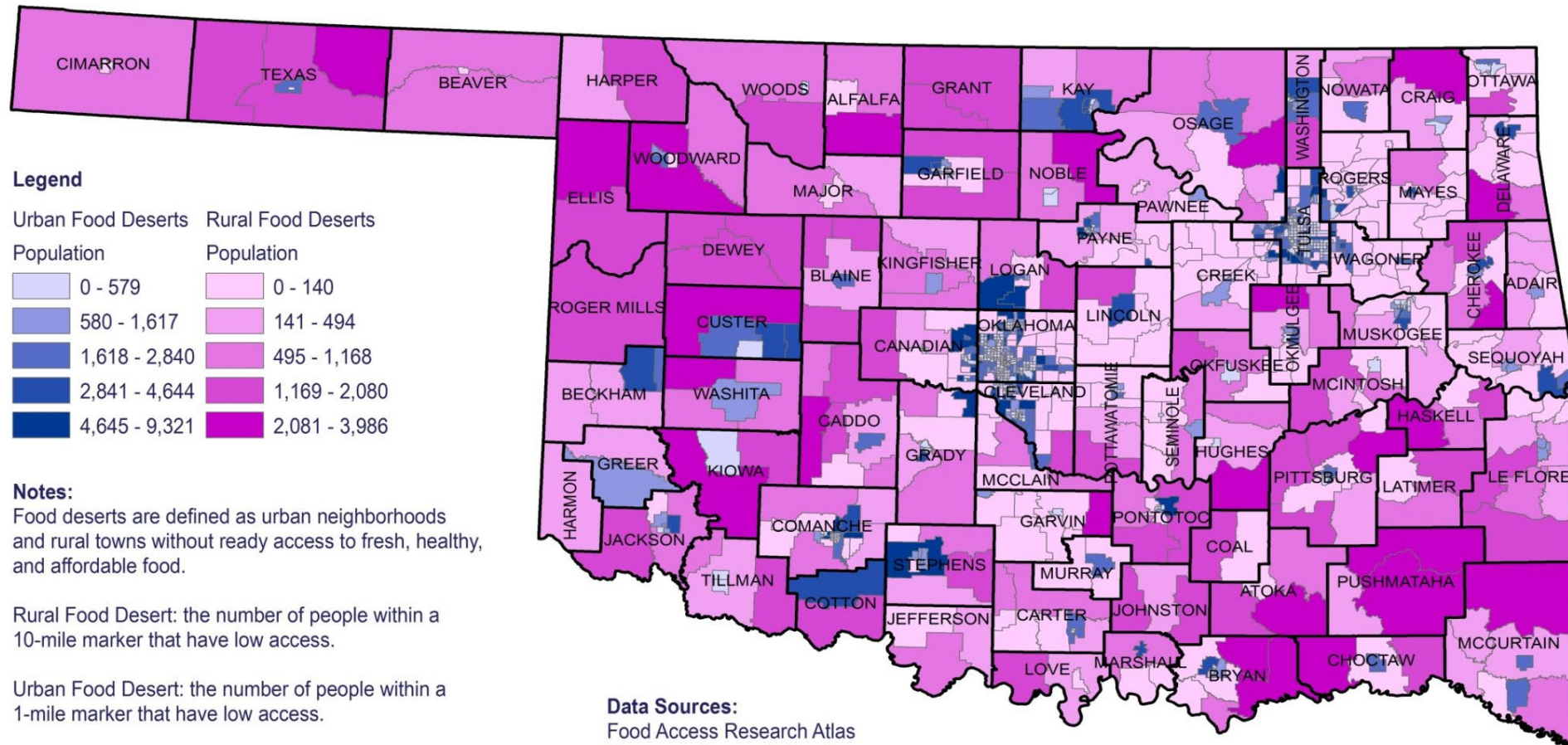


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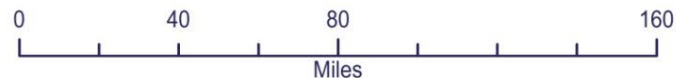
Oklahoma Rural and Urban Food Deserts, 2015



Year of data used: 2015.

Projection/Coordinate System: USGS Albers Equal Area Conic

Created: 01.25.2017

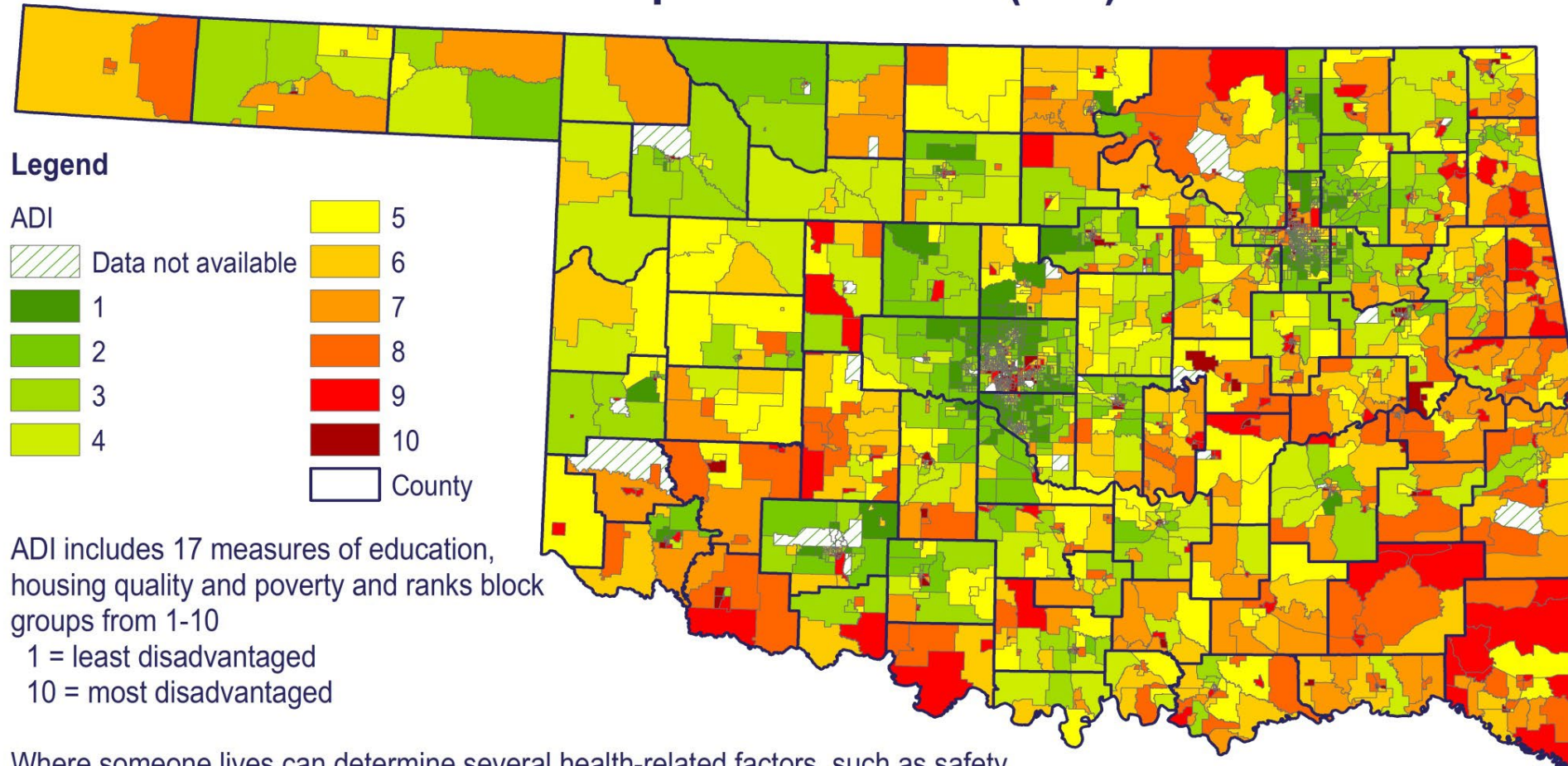


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Center for the Advancement of Wellness
 Oklahoma State Department of Health

Area Deprivation Index (ADI)



Where someone lives can determine several health-related factors, such as safety, stress and access to food. A person's neighborhood can influence many conditions, including cardiovascular disease and diabetes, which are disproportionately more common among racial and ethnic minorities and the socioeconomically disadvantaged.

Socioeconomic disadvantage is one of the fundamental factors that result in health disparities. Seeing a neighborhood's socioeconomic measures, such as income, education, employment and housing quality, may provide clues to the effects of those factors on overall health, and could inform health resources policy and social interventions.

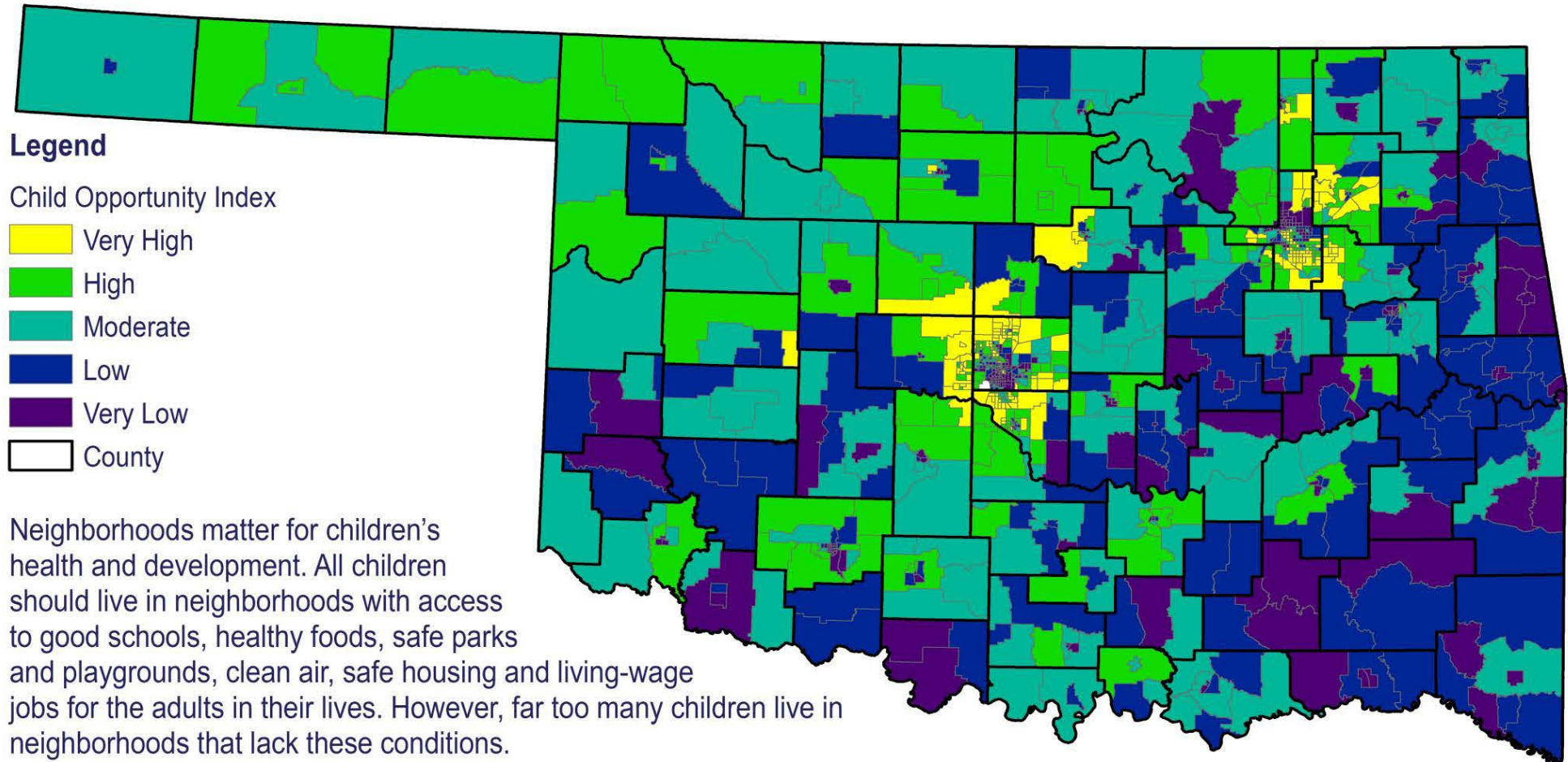
Data Source:

University of Wisconsin School of Medicine and Public Health. 2011-2015 ADI data. Area Deprivation Index.3/1/2020. Available at: <https://www.neighborhoodatlas.medicine.wisc.edu/>



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Child Opportunity Index

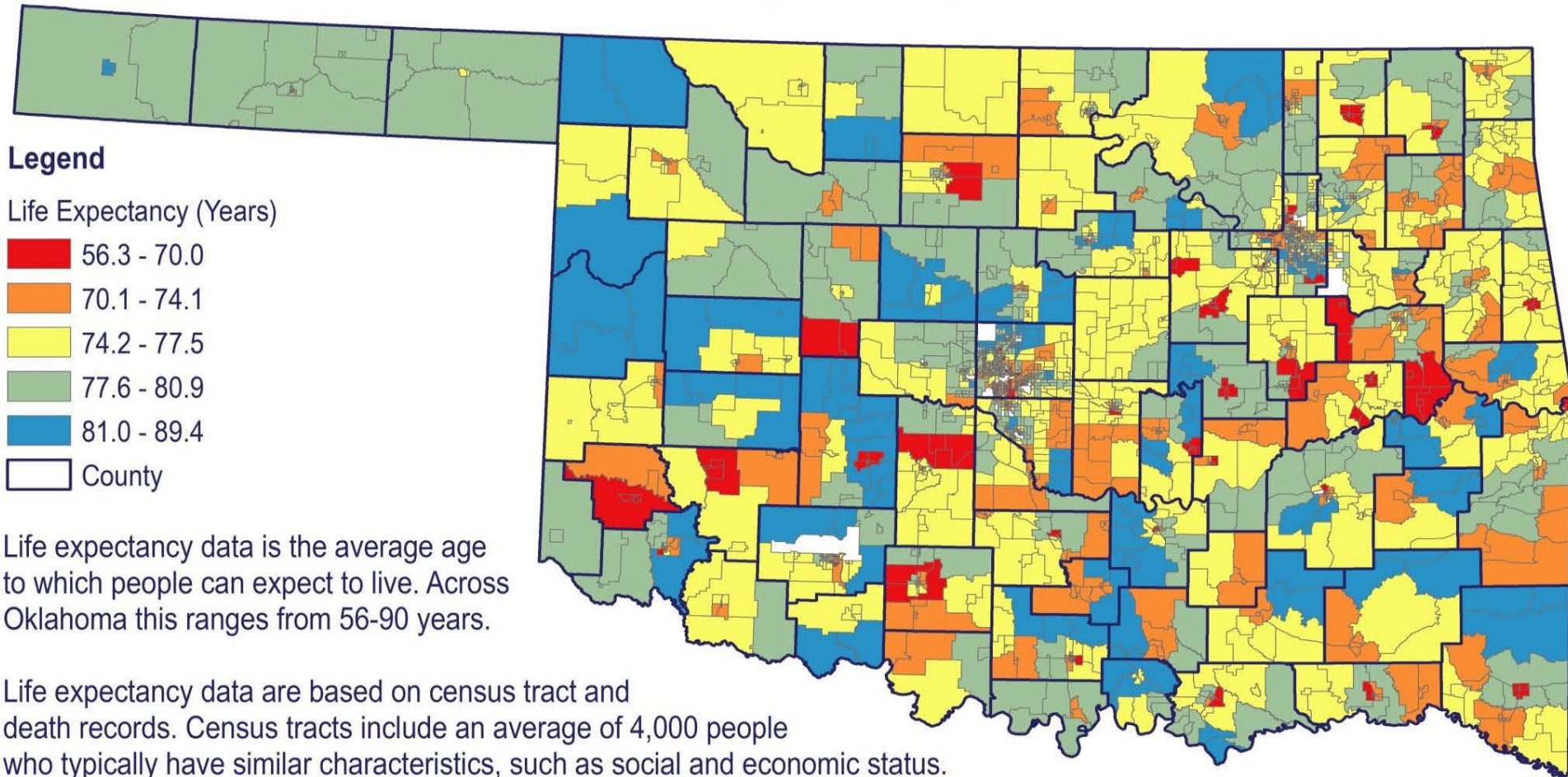


The Child Opportunity Index (COI) measures neighborhood opportunity along three domains that matter for children: 1. Education, 2. Health and Environmental, and 3. Social and Economic.

The COI ranks neighborhood opportunity based on 29 common conditions within these domains. Each neighborhood receives a Child Opportunity Score and is assigned to an opportunity level: very low, low, moderate, high, or very high opportunity.

Data Source:
DiversityDataKids.org
Child Opportunity Index (COI)
Available at:
<http://diversitydatakids.org/child-opportunity-index>

Life Expectancy



Use this data to:

- decide which neighborhoods most need investment dollars to fund health clinics, schools, preschools, community centers, and other projects that can help improve health
- better understand disparities and make important decisions about public transportation and grocery stores, requirements for physical activity and healthy foods in schools, community safety, access to health care, and much more
- guide conversations about what might be causing life expectancy disparities

Data Source:

United States Small-Area Life Expectancy Project (USALEEP), National Center for Health Statistics, National Association for Public Health Statistics and Information Systems. Available at: <https://www.cdc.gov/nchs/nvss/usaleep/usaleep.html>



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