## North Carolina County Data Profile:

## **Cherokee County**



Presented by:



Prepared by:

#### **UNCHealthySolutions**

enhancing public health capacity and strategy

unchealthysolutions.web.unc.edu

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This county data profile was created to ensure local partners in Cherokee County have information that can be helpful for program planning or when participating in planning activities conducted by other organizations.

The information in this data profile is grouped into several topics:

- A) Demographics..... p. 3
- B) Health Status.....p. 5
- C) Determinants of Health..... p. 6
- D) Health Behaviors.....p. 9
- E) Local Capacity for Change...... p. 10

Each topic begins with a description and suggestions for how to use the information. Indicators listed within each topic are specifically relevant to the PAN Project. Proposals can include additional data or information, especially if the data demonstrate local need or capacity for response.

Each indicator includes a definition and a source for the information. The county data are presented and compared to averages for the state of North Carolina. For most indicators, bar charts are included to provide a quick visual comparison between the county and state.

To identify indicators where the county data are notably different from the state average (i.e., more than one standard deviation from the state mean, median, or mode), we provide a letter in the margin to the left of the county bar chart (**B** = county is better than the state average; **W** = county is worse than the state average).

B Better than average

Worse than average

#### A. Demographics

Governments, private organizations, community groups, and researchers use demographics to describe a population's characteristics. Key items include the land area; the number and sizes of municipalities; the population size; distributions by age, race, and sex; income and education levels; and key businesses and industries. **HOW TO USE THIS INFORMATION:** when identifying priority populations for assessment, service-delivery, or funding, and when identifying inequities that need attention.

	Cherokee County	28,964	Number of residents.
	County average in NC	52,071 a	
		02,072	Source: NC Office of State Budget and Management (OSBM) (2021)
2. Area	(square miles)		
	Cherokee County	456	Square miles of land.
	County average in NC	460 a	
			Source: NC Office of State Budget and Management (OSBM) (2020)
3. Numl	ber of <b>municipalities</b>		
	Cherokee County	2	Number of municipalities.
	County average in NC	6 a	
			Source: NC Office of State Budget and Management (OSBM) (2021)
4. Numl	ber of large cities		
	Cherokee County	0	Number of municipalities listed in the CDC 500 Cities Project, which provided health-related data about the 500 largest cities in the Uni States.
			Source: CDC (2019)
5. Avera	age annual <b>wage</b>		
	Cherokee County	\$36,456	Average annual full-time salary.
	County average in NC	\$40,271 <sup>a</sup>	
			Source: NC Office of State Budget and Management (OSBM) (2020)
6. Level	of economic well-being	<b>;</b> (1 is most	
	Cherokee County	1	Economic tier designation by NC Department of Commerce.
	County average in NC	2 a	
			Source: NC Department of Commerce (2023)
7. Perce	entage of <b>families</b> with c	hildren un	der age 5 <b>living in poverty</b>
	Cherokee County	24%	Growing up in poverty is an adverse childhood experience that can
	County average in NC	16% a	negatively influence health outcomes for the rest of a person's life.
	county average in Ne	70/0	Source: US Census Bureau, American Community Survey (2020)

a. Median

b. Mode (most frequent value)

#### 8. Race/ethnicity

**Cherokee County** County average in NC <sup>a</sup> Race and ethnicity of county residents.

		indge in ne
88%	White	60%
1%	Black/African American	20%
3%	Hispanic/Latino	11%
<1%	Asian	3%
1%	American Indian/ Alaska Native	<1%
<1%	Native Hawaiian/ Pacific Islander	<1%
<1%	Other Races	<1%
5%	Multiple Races	4%

#### Source: US Census Bureau (2020)

#### 9. Sex

Cherokee Co	ounty County	average in NC	<sup>a</sup> Sex of c	ounty residents.
51%	Female	51%		
49%	Male	49%	Source:	US Census Bureau, American Community Survey (2020)

#### 10. Level of education

Cherokee C	County County ave	erage in NC	<sup>a</sup> Level of education attained by adults (18 years and older).
11%	Less than high school	12%	
11%	graduate	1270	_
35%	High school	26%	
55%	graduate/equivalent	2070	_
33%	Some college or associate's	33%	
55%	degree	5570	
21%	Bachelor's degree or higher	29%	Source: US Census Bureau, American Community Survey (2020)
			I

#### 11. Primary language

Cherokee County	County average in NC	а	Primary	language	spoken	at home.
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96%	English	88%
3%	Spanish	8%
<1%	Other Indo-European languages	2%
<1%	Asian and Pacific Island languages	2%
<1%	Other languages	<1%

2.

Source: US Census Bureau, American Community Survey (2020)

12. People with limited English proficiency									
Cherokee County		Percentage of residents (5 years and older) who speak English "less							
County average in	n NC 4% a	a than very well."							
		Source: US Census Bureau, American Community Survey (2020)							

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#### **B. Health Status**

The health status of a population might include information about causes of death (mortality) or chronic disease or injury (morbidity), and the impact each can have on the general quality of life experienced in a community. Some indicators of health status are "indexes," which combine multiple items together. **HOW TO USE THIS INFORMATION:** when describing the health needs of a community to decision-makers or funders so they understand why intervention is needed.

1. County i	ranking in NC by <b>health o</b>	utcom	<b>es</b> (1 is best, 100 is worst)
	Cherokee County County average in NC	<b># 77</b> # 51 ª	County ranking in NC (from 1 to 100) by health outcomes, including: mortality (length of life) and morbidity (quality of life and birth outcomes).
			Source: County Health Rankings (2023)
2. Percenta	age of <b>adults who are ob</b>	ese	
	<b>Cherokee County</b> County average in NC	<b>33%</b> 35% a	Percentage of adults (age 20 and older) who report a body mass index (BMI) greater than or equal to 30 kg/m2. Source: County Health Rankings (2023)
3 Percent	age of <b>2-4 year olds who</b>	are ov	erweight
J. Tercente			
	Cherokee County County average in NC	<b>13%</b> 14% <sup>с</sup>	Percentage of children (2 to 4 years of age) who report a body mass index (BMI) between 25.0 – 29.9 kg/m2.
			Source: NC Pediatric Nutrition and Epidemiology Surveillance System (NC- PedNESS) (2018)
4. Percenta	age of <b>2-4 year olds who</b>	are ob	ese
	Cherokee County County average in NC	<b>17%</b> 16% °	Percentage of children (2 to 4 years of age) who report a body mass index (BMI) greater than or equal to 30 kg/m2.
			Source: NC Pediatric Nutrition and Epidemiology Surveillance System (NC- PedNESS) (2018)
5. Number	of <b>pedestrian crashes</b> p	er 100,	000 residents
	Cherokee County	6.9	Average annual number of motor vehicle crashes involving a pedestriar
	County average in NC	12.9 a	between 2018 and 2022, reported as a rate per 100,000 residents. (State median includes rural counties only.)
			Source: NC DOT (2022)
6. Number	of <b>bicycle crashes</b> per 10	00,000	residents
	Cherokee County	1.4	Average annual number of motor vehicle crashes involving a bicyclist
	County average in NC	<b>3.9</b> a	between 2018 and 2022, reported as a rate per 100,000 residents. (State median includes rural counties only.)
			Source: NC DOT (2022)

#### **C. Determinants of Health**

The health of a population is an outcome or result of many things, including the natural and human-created environments in which people live, work, learn, play, and pray, from the micro environment inside a building to the macro environment of an entire city. These environments, and the way people and organizations conduct their activities in these environments, are governed by policies such as laws and regulations. Some of these environments and policies are a part of larger systems (e.g., education, transportation, health care, and the local economy), which structure the world around us and influence our choices. For that reason, environments, policies, and systems are called "determinants" of health. **HOW TO USE THIS INFORMATION:** when identifying to stakeholders and funders the underlying structural causes of health outcomes or health inequities which will need improvement in order to support healthy living.

1. County ranking in NC by health	factors (	1 is best, 100 is worst)
Cherokee County County average in NC	<b># 51</b> # 51 ª	County ranking in NC (from 1 to 100) by health factors, including: social and economic factors, health behaviors, clinical care, and physical environment. Each factor is based on several measures.
		Source: County Health Rankings (2023)
2. County ranking in NC by physica	l enviro	nment (1 is best, 100 is worst)
Cherokee County County average in NC	<b># 11</b> # 51 ª	County ranking in NC (from 1 to 100) by physical environment factors, including: air and water quality, housing, and transit. Source: County Health Rankings (2023)
3. Percentage of residents who live	e close t	o a <b>park or recreational facility</b>
Cherokee County County average in NC	<b>99%</b> 65% ª	Percentage of residents who live close to a park (within a half mile) or a recreational facility (within three miles in rural areas, or within one mile in urban areas).
		Source: County Health Rankings (2023)
4. Amount of support for healthy e	eating in	the local <b>food environment</b> (0 is worst, 10 is best)
Cherokee County County average in NC	7.2	Food Environment Index score (0 to 10) that equally weights two indicators: Percentage of people with limited access to healthy foods, and percentage of people with food insecurity. Source: County Health Rankings (2023)
Cherokee County County average in NC		Percentage of residents who lack constant access to a reliable food supply, including, but not solely focused on, fruits and vegetables. Source: County Health Rankings (2023)
6. Percentage of low income reside	ents who	b have limited access to a grocery store
Cherokee County County average in NC		Percentage of residents who are low income (200% or less of the federal poverty threshold for the family size) and do not live close to a grocery store (over ten miles away in rural areas, or over one mile away in nonrural areas). Source: County Health Rankings (2023)
	<ul> <li>Cherokee County County average in NC</li> <li>County ranking in NC by physica Cherokee County County average in NC</li> <li>Percentage of residents who live Cherokee County County average in NC</li> <li>Amount of support for healthy e Cherokee County County average in NC</li> <li>Amount of support for healthy e Cherokee County County average in NC</li> <li>Percentage of residents who lace Cherokee County County average in NC</li> <li>Percentage of residents who lace Cherokee County</li> <li>County average in NC</li> <li>Percentage of residents who lace Cherokee County</li> <li>County average in NC</li> </ul>	<ul> <li>County average in NC # 51 °</li> <li>County ranking in NC by physical environ</li> <li>Cherokee County # 11</li> <li>County average in NC # 51 °</li> <li>Percentage of residents who live close to Cherokee County 99%</li> <li>County average in NC 65% °</li> <li>Cherokee County 7.2</li> <li>County average in NC 7.4 °</li> <li>S. Percentage of residents who lack access</li> <li>Cherokee County 16%</li> <li>County average in NC 14% °</li> <li>Percentage of low income residents who</li> </ul>

c. Mean

b. Mode (most frequent value)

#### 7. Number of facilities that serve food per 1000 residents

		•		
1	Cherokee County	11.9	(n=344)	Number of facilities where food is served per 1000 residents
	County average in NC	<b>2.5</b> a	(n=175)	(and total number of facilities).
	Restaurants (including Drink Stand)	8.2	(n=238)	(Note: for more information about names of food service establishments, contact the county health department,
	Food Stands	2.4	(n=70)	environmental health services/inspections section.)
	Mobile Food Units	0.9	(n=26)	
	Institutional Food Service	0		
Types of	Limited Food Service	0		
facilities in	Educational Food Service	0		
	Pushcarts	0.3	(n=9)	
county	Commissary for Pushcarts & Mobile Food Units	0		
	Elderly Nutrition Sites (catered)	0.03	(n=1)	
	Elderly Nutrition Sites (food prepared on premises)	0		Source: NC DPH, Environmental Health Section (2023)

## 8. Number of **subsidized childcare facilities** per 1000 families with small children living in poverty

porciej			
	Cherokee County	<b>4.1</b> (n=8)	Number of subsidized childcare facilities per 1000 families
1	County average in NC	7.5 a (n=23)	below the poverty line with children under age 5 (and total number of subsidized facilities). Childcare facilities allow parents to pursue education, employment, and other opportunities, but many parents cannot afford childcare unless it is subsidized by public, non- profit, or private sectors.
		Source:	US Census; NC DHHS Division of Child Development and Early Education (2023)

### 9. Number of resources that support breastfeeding per 1000 residents

B		Cherokee County	0.2	(n=5)	Number of resources that provide support for breastfeeding
		County average in NC	<b>0.1</b> a	(n=3)	per 1000 residents (and total number of resources).
		WIC	0.03	(n=1)	
		Hospitals	0.03	(n=1)	
		Peer Support Groups	0.03	(n=1)	
		Other groups/practices	0.03	(n=1)	
		BF Research/Grant Programs	0		
	Types of	Lactation services			
	Types of	Clinic based	0		
	resources	Private practice	0		
	in county	Clinicians performing	0		
	•	frenotomy	0		
		Online BF support groups	0		
		Non-WIC HD	0.03	(n=1)	
		Community Birth Centers	0		Source:
		IBCLC Training/Mentoring	0		North Carolina Breastfeeding Coalition (2018)

a. Median

b. Mode (most frequent value)

10. Work	ers with <b>no vehicle in ho</b>	usehold	
	Cherokee County	2.5%	Percentage of workers (age 16 and older) with no vehicle available.
	County average in NC	2.2% <sup>c</sup>	
			Source: US Census Bureau, American Community Survey (2020)
11. House	holds with <b>severe hous</b> i	ing proble	ms
	Cherokee County		Percentage of households with overcrowding, high housing costs, lac
	County average in NC	14.4% <sup>c</sup>	of kitchen facilities, or lack of plumbing facilities.
			Source: County Health Rankings (2023)

#### **D. Health Behaviors**

A population's behaviors provide information about how people respond to their physical environment and other structural determinants in their community settings. Without health-supporting structures, it is difficult for a community to adopt healthy behaviors. **HOW TO USE THIS INFORMATION:** when describing the lifestyle of a community and providing the rationale for structural improvements.

1. Percenta	ge of adults who are <b>phy</b>	sically	inactive
	Cherokee County County average in NC	<b>24%</b> 24% <sup>c</sup>	Percentage of adults (age 20 and older) who report no leisure-time physical activity (such as running, calisthenics, golf, gardening, or walking for exercise). Source: County Health Rankings (2023)
2. Percent o	change in <b>pedestrian and</b>	bicyc	le activity in monitored locations
NOTE: Chero	Monitoring locations Pedestrian change Bike use change okee County has no ITRE monitored loc	0 n/a n/a ations.	Percentage increase or decrease in the number of people observed walking and bicycling in certain locations in North Carolina. Walking and bicycling are healthy behaviors, and research has helped fund ongoing monitoring of such activities. Source: Institute for Transportation Research (ITRE) (2022)
3. Percenta	ge of women in the local	WIC p	program who <b>initiate breastfeeding</b>
	Cherokee County County average in NC	<b>84%</b> 75% <sup>c</sup>	WIC is the Special Supplemental Nutrition Program for Women, Infants, and Children funded by the USDA. Breastfeeding is linked to healthy immune system development and can contribute to healthy weight as the child grows up. Source: NC DHHS (2022)

4. Percentage of women in the local WIC program who breastfeed their infants up to **six weeks of age** 

Cherokee County	56%	WIC is the Special Supplemental Nutrition Program for Women, Infants, and Children funded by the USDA. Breastfeeding is not
County average in NC	52% <sup>c</sup>	Infants, and Children funded by the USDA. Breastfeeding is not
, C		uniformly practiced, and the age at termination varies.
		Source: NC DHHS (2022)

5. Percentage of women in the local WIC program who breastfeed their infants up to **six months of age** 

Cherokee County		WIC is the Special Supplemental Nutrition Program for Women,
County average in NC	33% <sup>c</sup>	Infants, and Children funded by the USDA. Breastfeeding is not
, 0		uniformly practiced, and the age at termination varies.
		Source: NC DHHS (2022)

#### E. Local Capacity for Change

A community's capacity for change is founded on the people with knowledge about a community's needs and the strengths to address them. The information they have gathered through assessments, the ideas they have explored or piloted, and their relationship networks are all capacity-enhancing items. **HOW TO USE THIS INFORMATION:** when informing decision-makers, funders, and other stakeholders about the local knowledge, skills, and talents that could contribute to intervention and health improvement efforts.

# 1. Which **Healthy Communities Strategies** were selected for implementation by the local (or regional) health department?

Active Transportation	no	The Healthy Communities Program provides funds to local health
Breastfeeding Friendly Designations/Awards	no	departments that work with community partners to address chronic
Healthy Food Access in Community Venues	no	<ul> <li>disease and injury risk factors through policy changes and</li> <li>environmental supports. Health departments choose which strategies</li> </ul>
Suicide Prevention	no	to implement from the Healthy Communities Program.
Syringe Exchange Programs	no	
Tobacco-Free Policies	no	Source: NC DHHS (2021)

#### 2. Location of Department of Social Services (DSS) office

Murph	The Division of Social Services provides guidance and technical assistance to agencies that directly address issues of poverty, family violence, and exploitation. Source: NC DHHS (2023)
3. Number of YMCA locations	
Cherokee County	<ul> <li>The YMCA is a long-standing institution in the United States that has facilities and programming in many local communities.</li> <li>Source: NC Alliance of YMCAs (2023)</li> </ul>
4. Number of YMCA camps	
Cherokee County	<ul> <li>The YMCA is a long-standing institution in the United States that has outdoor and activity camps in many local communities.</li> <li>Source: NC Alliance of YMCAs (2023)</li> </ul>
5. Number of community and technica	al colleges
Cherokee County County average in NC	1Community colleges, technical colleges, and other institutions1aauthorized to award Associate degrees or 2-year certificates.Source:National Center for Education Statistics (2023)
6. Number of historically Black college	es and universities (HBCUs)
Cherokee County County average in NC	<ul> <li>Historically Black colleges and universities (HBCUs) are institutions that</li> <li>were established prior to 1964 with the principal mission of educating Black Americans.</li> <li>Source: National Center for Education Statistics (2023)</li> </ul>

	Cherokee County	7 (n=2)	Health centers receive federal grant funding to improve the health of
I	County average in NC	6 (n=4) a	underserved populations, including individuals and families experiencing homelessness, migratory and seasonal agricultural workers, and residents of public housing.
			Source: NC DHHS; US DHHS Health Resources & Services Administration (HRSA) (2023)
8. Number	of <b>food pantries</b>		
	Cherokee County	3	Number of food banks, soup kitchens, and food pantries in the count
	County average in NC	<b>3</b> a	Source: Food-banks.org (2023)
9. Number	of Food Councils		
	Cherokee County	1	Local food councils are community-based coalitions, often organized county, that facilitate collaboration to improve health, food access, a local food economies.
			Source: NC Food Councils Network (2023)
0 Number	of grocery stores par	ticinating	in <b>Produce Rx</b>
	Cherokee County	0	The Produce Rx program allows healthcare providers to prescribe fru
	County average in NC	0 a	and vegetables to patients diagnosed with pre-diabetes, diabetes, or hypertension. Patients are given monthly funds to purchase fresh fru and vegetables at participating grocery stores.
			Source: DC Greens (2023)
1. Number	and locations of Wor	nen, Infan	ts and Children (WIC) program offices
	f WIC program offices:	1	WIC is the Special Supplemental Nutrition Program for Women,
Location:		Murphy	Infants, and Children funded by the USDA. WIC provides nutritious foods, breastfeeding promotion and support, nutrition education, an health care referrals for women and children.
		• -	Source: WicPrograms.org (2023)
2. Does the	e county have a <b>Child</b>		lopmental Services Agency (CDSA)?
		Yes	Local Children's Developmental Services Agencies (CDSAs) help families, caregivers, and professionals serve children with special nee through the NC Division of Public Health's Infant Toddler Program.
			Source: NC DHHS (2023)
3. Does th	e county have a <b>Child</b>	Care Reso	source: NC DHHS (2023) purce and Referral (CCRR) Agency?

14. Does the c	county have a Shape N	NC Center?	
		Yes The Shape NC: Healthy Starts for Young Children initiative assists communities and child care centers in developing environments, practices, and policies that promote healthy eating and active learning among pre-kindergarten children. Source: Smart Start (2021)	
15. Number o	f children enrolled in	early child care (per 100 children <13)	
	Cherokee County County average in NC	16Average number of children enrolled in child care for every 10013achildren under age 13 in the county.Source:NC DHHS (2022)	
16. Number of NC Child Care Health Consultants (CCHCs)			
_	Cherokee County County average in NC	1Child Care Health Consultants (CCHCs) are health professionals who work with child care staff to promote healthy and safe environments for young children. Source: NC Child Care Health and Safety Resource Center (2023)	
17. Number of <b>Head Start Centers</b>			
	Cherokee County County average in NC Head Start Early Head Start HS & EHS Migrant & Seasonal American Indian & Alaska Native	<ul> <li>Head Start programs support children's growth and development through services including early learning, health, and family well-being</li> <li>Head Start and Early Head Start programs provide services to children in every U.S. state and territory, in farmworker camps, and in tribal communities.</li> <li>Source: US DHHS, Head Start Early Childhood Learning &amp; Knowledge Center (2023)</li> </ul>	

#### 18. Area served by the local Smart Start partnership

Multiple counties

Each Smart Start partnership is an independent, nonprofit organization. Local partnerships use independent data to assess childwell being and offer programs and services, depending on local needs. Partnerships can be county or multi-county. See the link below to find the local Smart Start partnership.

Source: Smart Start (2023)