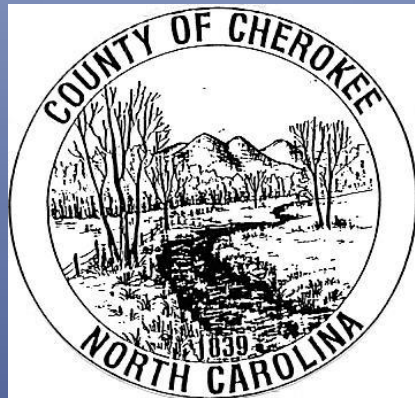


# CHEROKEE COUNTY, NC 2010 STATE OF THE COUNTY HEALTH REPORT

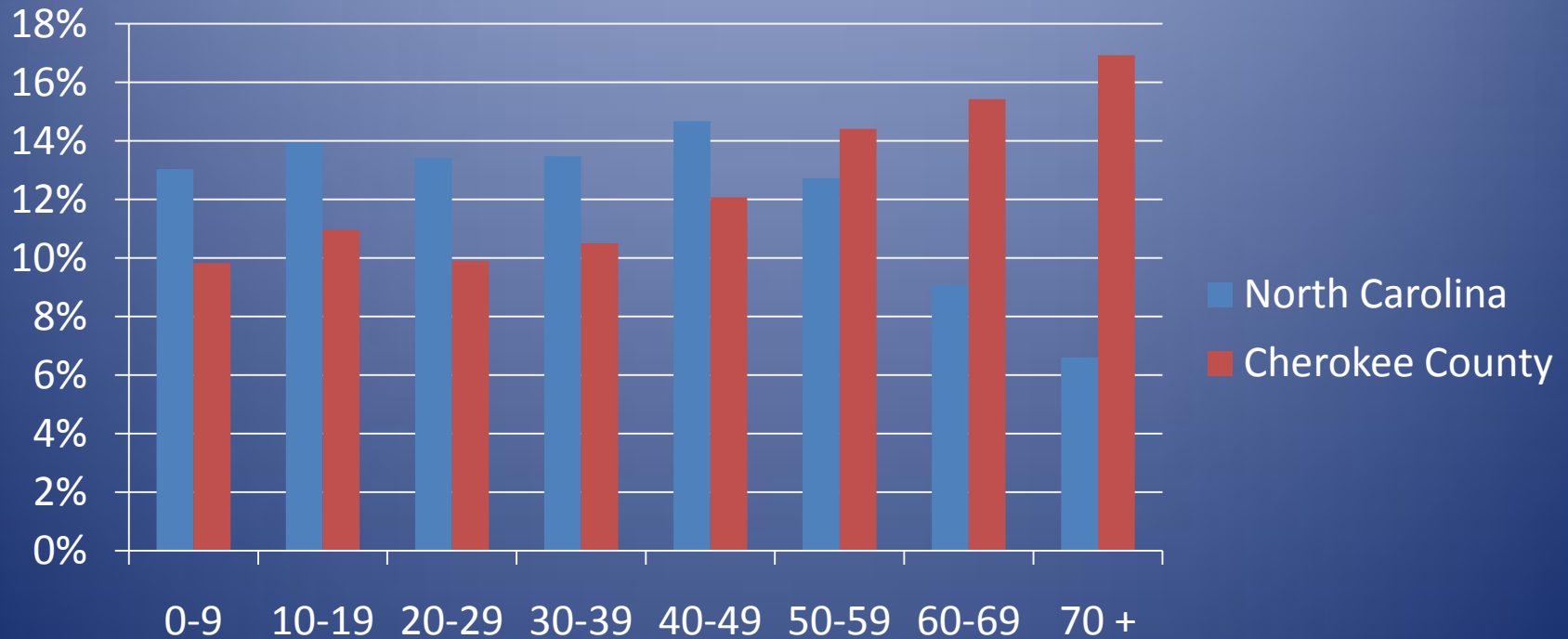


PREPARED BY CHEROKEE COUNTY HEALTH DEPARTMENT

# County Demographics

## Total Population: 27,090

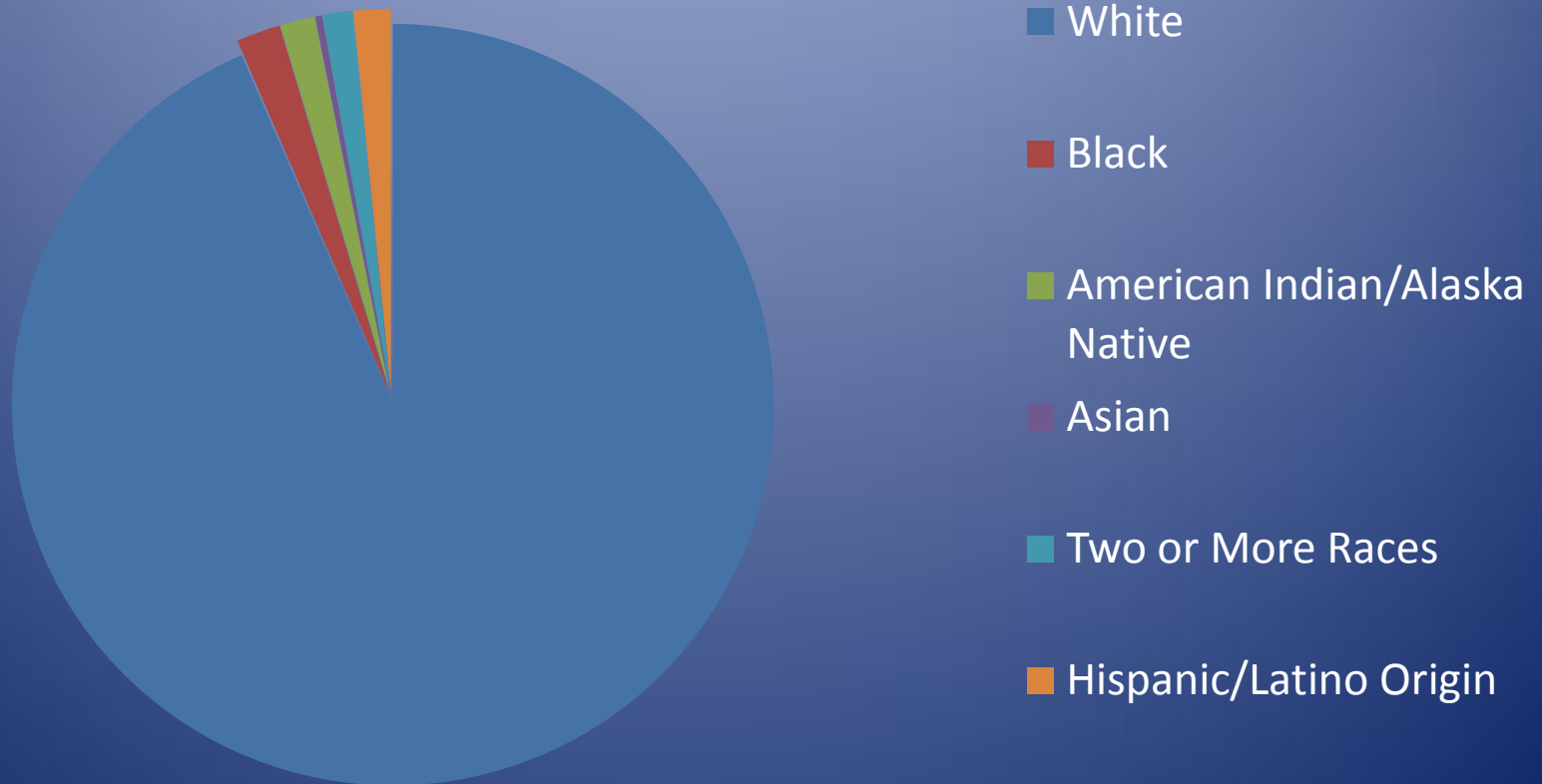
### Age Breakdown Cherokee County vs. North Carolina



# Demographics

Source U.S. Census Bureau: State and County Quick Facts. Data derived from Population Estimates, Census of Population and Housing, Small Area Income and Poverty Estimates, State and County Housing Unit Estimates, County Business Patterns, Non-employer Statistics, Economic Census, Survey of Business Owners, Building Permits, Consolidated Federal Funds Report Last Revised: Monday, 16-Aug-2010 08:49:38 EDT

## Cherokee County Demographics: Ethnicity





# 2008 Community Health Assessment Health Priorities

Substance Abuse- Illegal Drugs, Alcohol and Tobacco Use

Obesity/Lack of Physical Activity

Mental Health Care and Access

# Substance Abuse

Source : Based on NC-Catch Portal Data

- ❑ 2008: 10.5 % of Adults reported binge drinking in the Western region of North Carolina. (12.9% for the State)
- ❑ 2007: 9.5% of Adults reported binge drinking in the Western region of North Carolina. (12.3% for the State)
- ❑ 2007: 23.9% of adults currently smoke cigarettes vs. 2009: 28% of adults currently smoke cigarettes
- ❑ 2007: 30% of women smoke while pregnant vs. 2009: 30.2% of women smoke while pregnant
- ❑ From 2004-2008, the Age-Adjusted Unintentional Motor Vehicle Injury Death Rates in Cherokee County was 20.5

## Estimated Youth with Substance Abuse 2008

Year	Cherokee County	Peer Average	State	Age
2007	146	182	58,970	12-17
2008	145	178	57,885	12-17
2007	381	498	192,391	18-25
2008	382	509	204,759	18-25

# Progress Report

❑ The Cherokee County Health Department passed an ordinance that prohibits the use of all tobacco products by all persons, including clients, visitors and employees, upon the premises of the Cherokee County Health Department.

HEART A+ (Help Eliminate Alcohol Related Traffic Accidents) Program Update:

- ❑ Participated in a community focus group to develop Prevention Ads.
- ❑ Collaborating with North Carolina Wildlife Commission and US Forest Service to promote safe recreational activities
- ❑ Collaboration with Local Taxi to promote and advertise the use of alternative transportation. 80 vouchers for service were provided for residents and 69 have been utilized to date.
- ❑ HEART A+ has partnered with 7 local businesses that sell alcoholic beverages for alternative transportation services.

# Obesity/Lack of Physical Activity

Source: Based on NC-NPASS data

In 2008, the Prevalence of obesity in children from ages 2-4 was 13.2% and 25.6% for ages 5-11.\*

## Progress Report

School Health Nurse has held Health Fairs throughout Cherokee County School District to measure BMI's and assess obesity progress.

# Mental Health Care and Access

Source: NC-Catch Portal: Estimated Youth with Substance Abuse Age 12-17

Note: Rates or percentages which have a numerator value less than 20 are statistically unstable and have been shaded grey on the County Profile and Fact Sheet reports. Within Cancer Registry Data, Rates or percentages which have a numerator value less than 5 have been suppressed on the County Profile and Fact Sheet reports.

## Estimated Youth with Substance Abuse Age 12-17 (raw numbers)

Year	Cherokee County Numbers	Peer Average Numbers	State Numbers	<u>Peers</u> Ashe Haywood Mitchell
2007	146	182	58,970	
2008	145	178	57,885	

## Progress Report

Cherokee County residents can utilize mental health services at Meridian Behavioral Health Services or Appalachian Counseling. Meridian Behavioral Health Services is located in the township of Marble and Appalachian Counseling is centrally located in Murphy. Mental Behavioral Health no longer offers services by Psychiatrist and patients are now referred to Appalachian Counseling. The new referral system has resulted in an increase in patient flow at Appalachian Counseling.

Some of the services being provided as of July 1, 2010 by

- Anxiety Depression Groups
- Substance Abuse Support Groups
- Adult Community Support
- Seeking Shelter: Group to help deal with individual therapy and medication management.

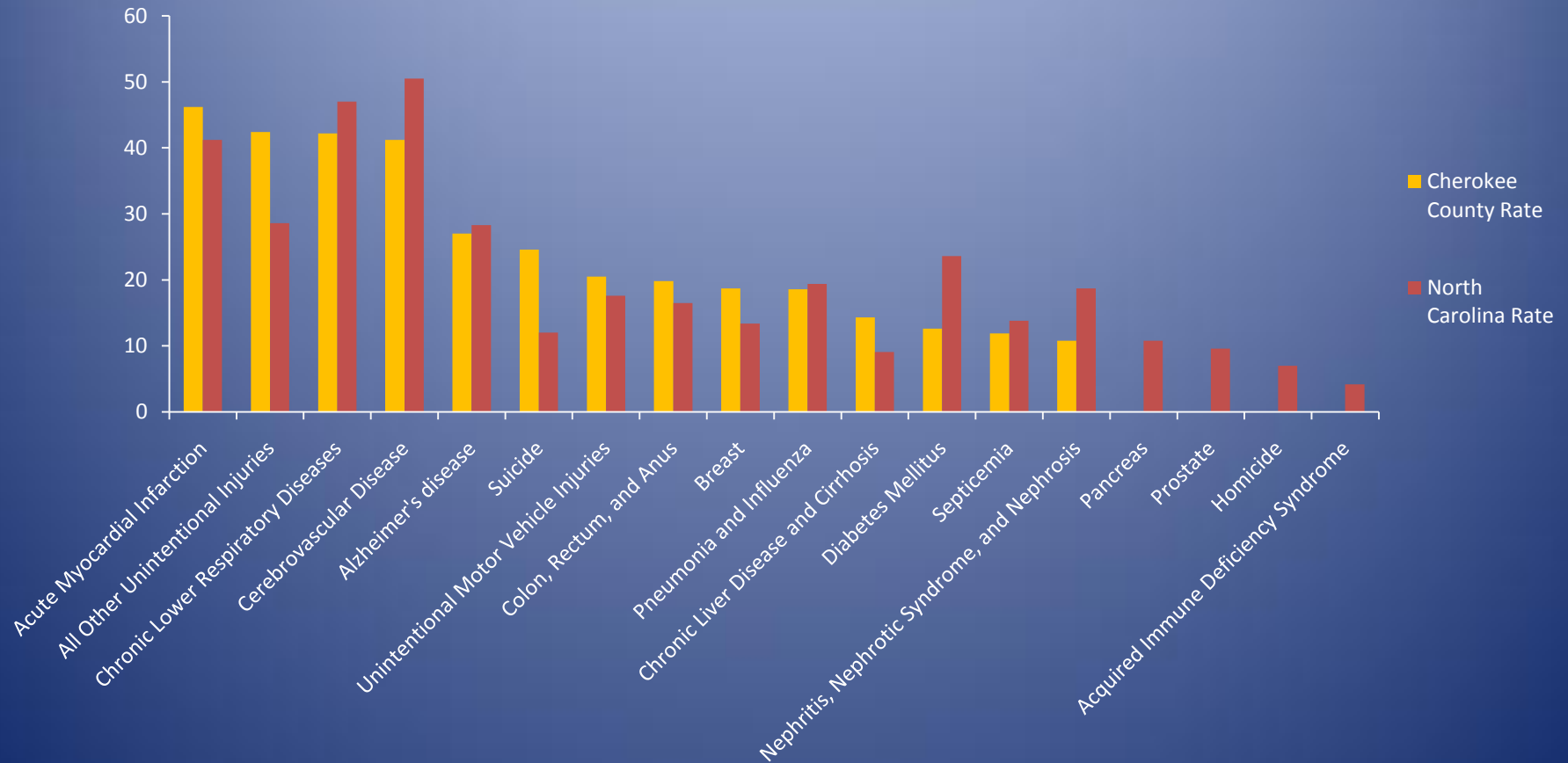


# Review of Major Health Indicators for Cherokee County

# Leading Causes of Death

## Age-Adjusted Per 100,000 (2005-2009)

Source: State Center for Health Statistics: County Health Data Book, 2010  
2005-2009 Race-Sex-Specific Age-Adjusted Death Rates by County

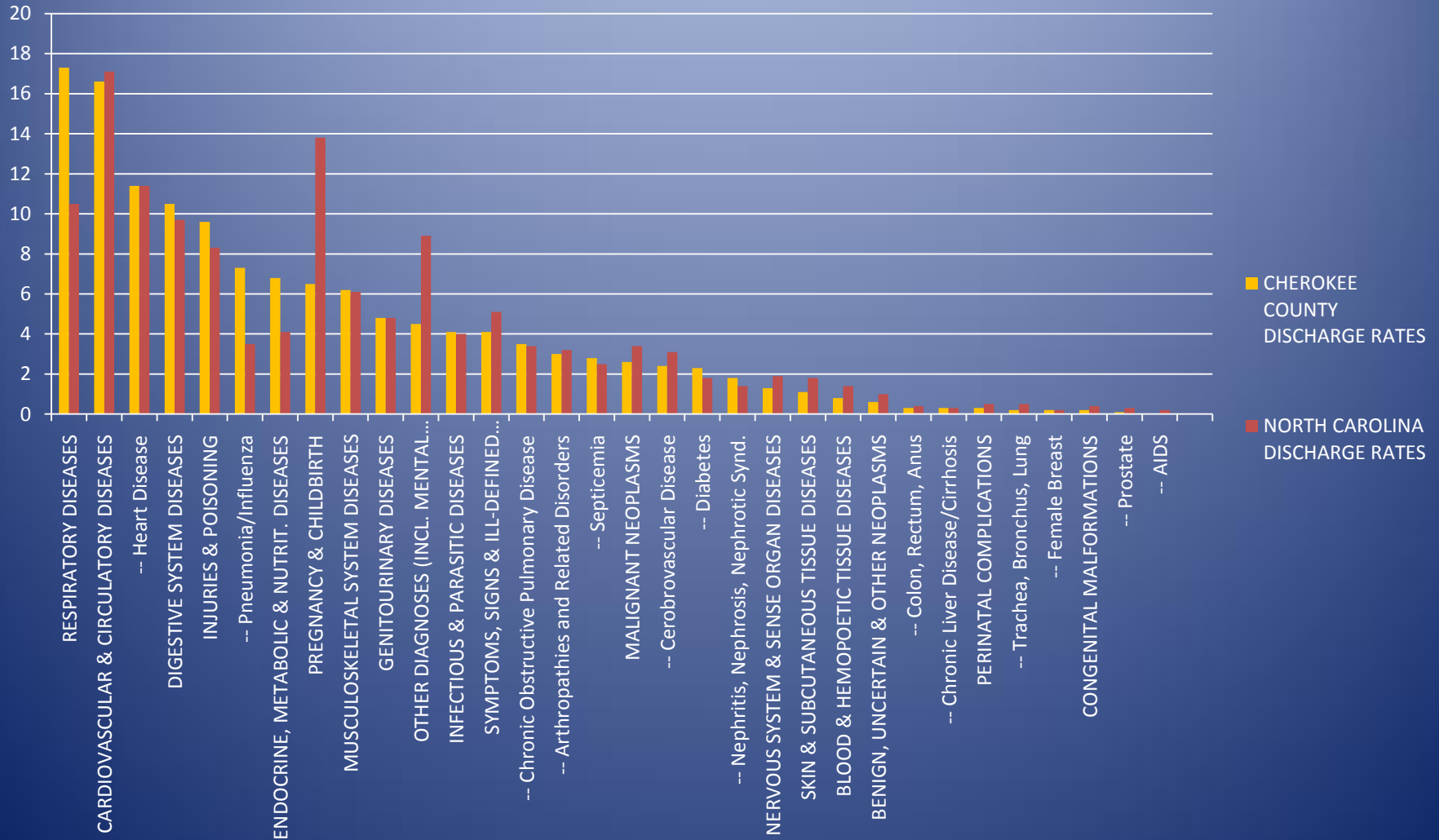


# Leading Causes of Death Age-Adjusted Per 100,000 (2005-2009) continued

- ❑ Cherokee County Heart Disease rate was 17.3% worse than North Carolina discharge rate.
- ❑ Cherokee County Unintentional Motor Vehicle Injury rate was 16.5% worse than North Carolina discharge rate.
- ❑ Cherokee County Chronic Liver Disease and Cirrhosis rate was 57.1% worse than North Carolina discharge rate.

# Cherokee County Inpatient Hospital Utilization By Principal Diagnosis (2009) (Excluding Newborns & Discharges from out of state hospitals )

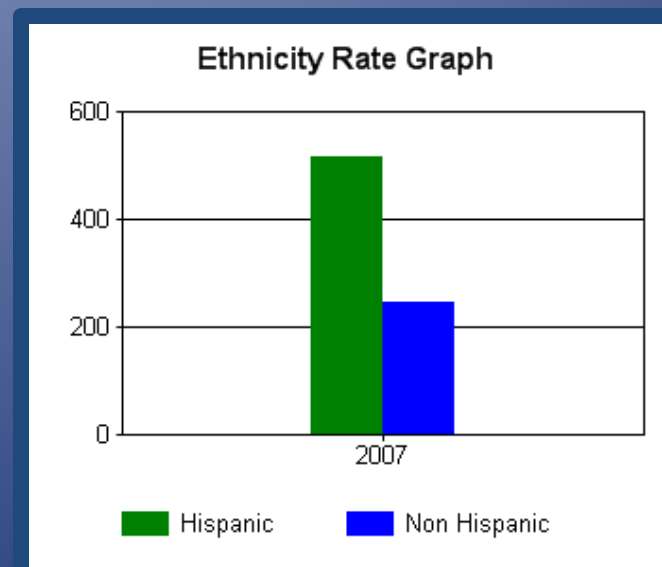
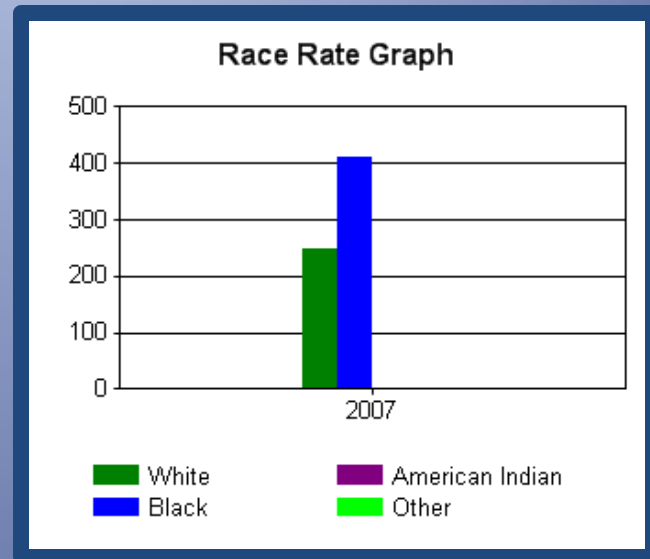
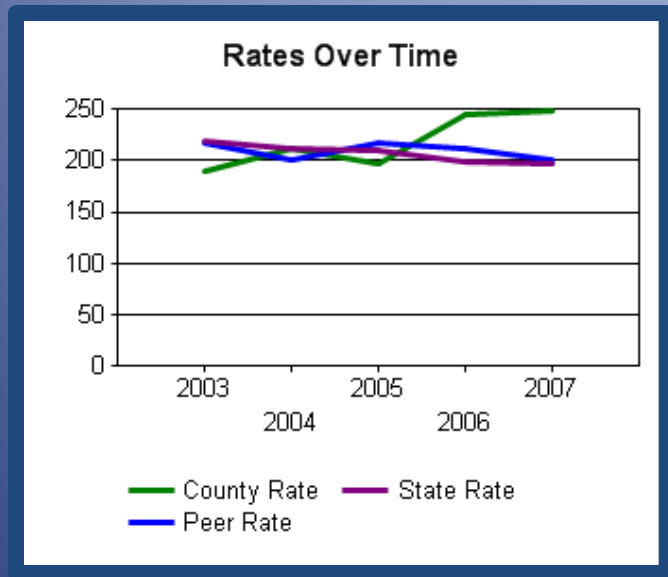
Source: State Center for Health Statistics: County Health Data Book, 2010  
2005-2009 Inpatient Hospital Utilization and Charges by Principal Diagnosis, and County of Residence, NC 2009



## Cherokee County Inpatient Hospital Utilization By Principal Diagnosis (2009) (Excluding Newborns & Discharges from out of state hospitals ) continued

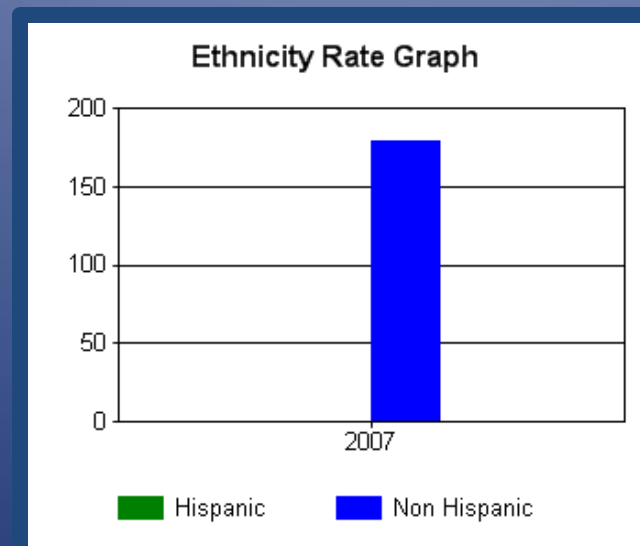
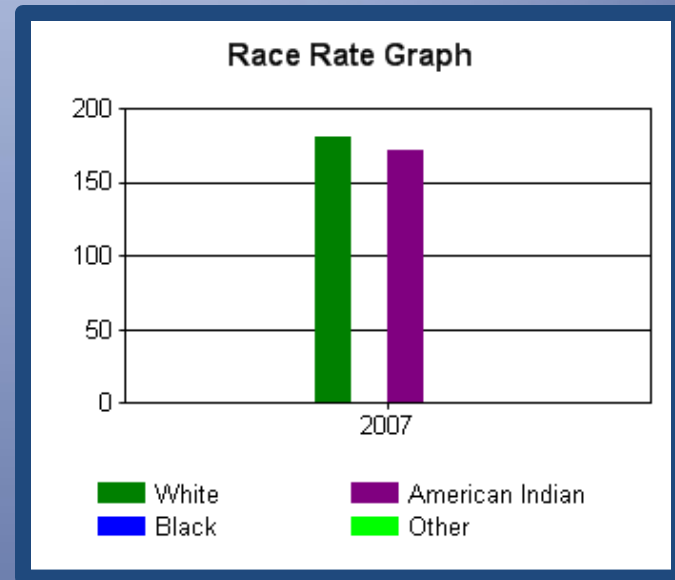
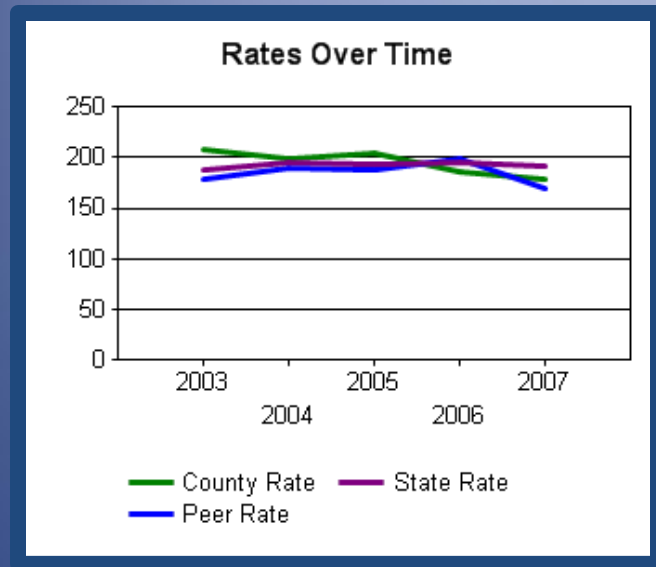
- ❑ Cherokee County Respiratory Disease discharge rate was 64.8% worse than North Carolina discharge rate.
- ❑ Cherokee County Injuries and Poisoning discharge rate was 15.7% worse than the North Carolina discharge rate
- ❑ Cherokee County Pneumonia/Influenza discharge rate was 108.6% worse than the North Carolina discharge rate.

# Heart Disease Deaths per 100,000 Population



Source: CATCH NC Portal: Heart Disease per 100,000 Population Latest Year: 2007  
 Note: Rates or percentages which have a numerator value less than 20 are statistically unstable and have been shaded grey on the County Profile and Fact Sheet reports. Within Cancer Registry Data, Rates or percentages which have a numerator value less than 5 have been suppressed on the County Profile and Fact Sheet reports.

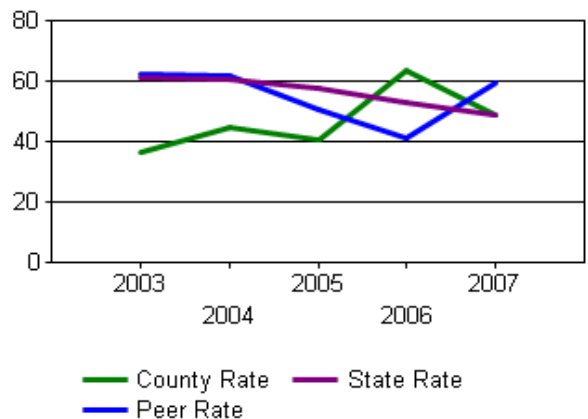
# Cancer Deaths per 100,000 Population



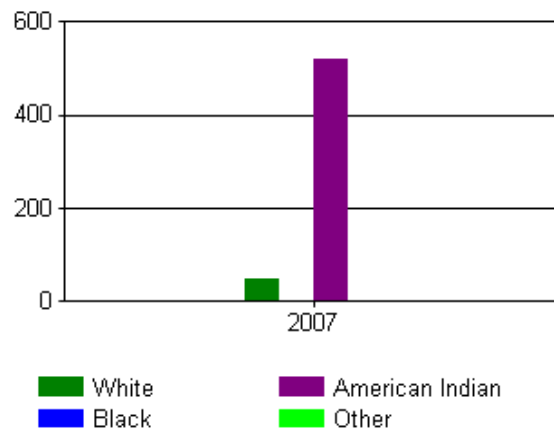
Source: CATCH NC Portal: Cancer Deaths per 100,000 Population Latest Year: 2007  
 Note: Rates or percentages which have a numerator value less than 20 are statistically unstable and have been shaded grey on the County Profile and Fact Sheet reports. Within Cancer Registry Data, Rates or percentages which have a numerator value less than 5 have been suppressed on the County Profile and Fact Sheet reports.

# Cerebrovascular Disease Deaths per 100,000 Population

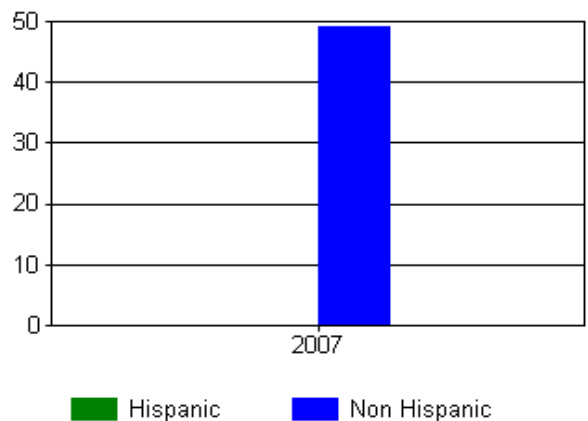
### Rates Over Time



### Race Rate Graph



### Ethnicity Rate Graph



Source: CATCH NC Portal: Cerebrovascular Disease Deaths per 100,000 Population Latest Year: 2007  
 Note: Rates or percentages which have a numerator value less than 20 are statistically unstable and have been shaded grey on the County Profile and Fact Sheet reports. Within Cancer Registry Data, Rates or percentages which have a numerator value less than 5 have been suppressed on the County Profile and Fact Sheet reports.



NEW AND EMERGING

# Methamphetamine Labs

Source: US Drug Enforcement Administration . National Clandestine Laboratory Register - North Carolina. <http://www.justice.gov/dea/seizures/>

Cherokee County experienced an increase Methamphetamine Lab Seizures in 2010.

5 cases of methamphetamine lab seizures in 2004

1 methamphetamine lab seizures in 2008

1 methamphetamine lab seizure in 2009

5 methamphetamine lab seizures in 2010

## **WHAT IS BEING DONE?**

Cherokee County Health Department developed a policy to regulate the decontamination of methamphetamine labs.

Health Director determines if a formerly seized methamphetamine habitation has been properly decontaminated for future habitation.

## Animal Control

Cherokee County Health Department is collaborating with the Cherokee County Sheriffs Office to develop a County Animal Ordinance. The recommendations by both agencies have been submitted to the County Attorney who will draft the Animal Control Ordinance.

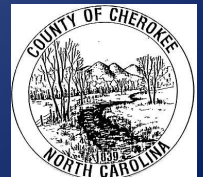
# CHEROKEE COUNTY HEALTH DEPARTMENT

## ACCREDITATION

Cherokee County Health Department received a 98.5% recommendation of compliance and accreditation from its North Carolina Public Health Accreditation Site Visit Team.

Some of the Comments Made by the Accreditation Site Visit Team:

- The facilities were well maintained despite their age.
- The staff took pride in their work and in the agency.
- The Board of Health was engaged, motivated and interested in the wellbeing of the agency and the community.
- The County Manager, Finance Manager and Human Resources Manager are engaged and interested in what is best for the CCHD.
- The records were well documented and some of the easiest records to review.
- The Medication Management Program is good for the region.
- Using Open Access in the Clinic.
- The high case load in Family Planning for a county this size.
- Environmental Health being up to date on the permits and other activities and for their policies and procedures.
- The agency is team oriented, which reflects positively on the Board of Health, Health Director and Management Team.
- The SPF SIG grant has done a lot of positives for the county.



# New Collaborations

## Cherokee County School District: School FLU Clinics

Cherokee County Health Department collaborated with the Cherokee County School District to provide a county-wide flu *clinics* offering *flu* shots. Approximately 250 children were vaccinated for seasonal Influenza and H1N1. Other children were vaccinated through our facilities and private clinics.



# Systems Upgrades

## HEALTH INFORMATION SYSTEM (HIS):

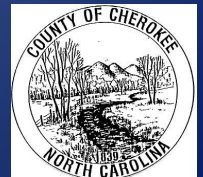
- The State of North Carolina converted the client data from the HSIS system into HIS system this year. Cherokee County Health Department went live on the HIS system on July 19<sup>th</sup>, during the Statewide Rollout.

## Shortel Call Manger Upgrade:

- Cherokee County upgraded the phone system to client application that manages an end user's personal calls, voice mail, and personal system settings through a graphical user interface.

# Personnel Changes

- Cherokee County recently elected 3 new County Commissioners. The Cherokee County Board of Health is currently being restructured.
- Health Educator and WIC Nutritionist Vacancy



# New Grants

## **Interm- Health Educator via Center for Disease and Control Public Health Apprentice Program:**

CDC's Office of State, Tribal, Local and Territorial Support, Public Health Capacity Development, Knowledge Management Branch development program awarded Cherokee County Health Department as a field-based assignments for the Public Health Apprentice Program (PHAP). PHAP is a two-year workforce development program that provides opportunities for entry-level staff who show promise as future managers to gain broad experience in the day-to-day operation of local public health programs.

## **Reaching More Families through G.I.F.T Program:**

Cherokee County Health Department was awarded Give Immunity Fight Transmission (G.I.F.T) grant. The G.I.F.T Program awards funding to assist agencies with their immunization efforts to reach more families. It is aimed at helping protect mothers and family members by granting donated doses of Adacel vaccine.

## **Providing More Family Planning Contraceptive**

Cherokee County Health Department was awarded the Title X Long Acting Reversible Contraceptive grant. This funding support is offered through the state of North Carolina to reduce unwanted pregnancy by providing support for services to women in Cherokee County who desire long acting reversible contraception.

