



Catawba County Public Health

2010 State of the County Health Report

Demographics

	Catawba County 2010	North Carolina 2010
Population	159,125	9,380,884
Percent Female	50.6%	51.2%
Percent Male	49.4%	48.8%
Percent Under 5 yrs old	6.5%	7.0%
Percent Under 18 yrs old	24.1%	24.2%
Percent 65 yrs old and over	13.9%	12.7%
Percent White	82.4%	70.5%
Percent Black/African American	8.1%	21.0%
Percent Asian	2.9%	2.0%
Percent Hispanic/Latino	9.4%	7.6%
Population per square mile	392.9	192.5

American Community Survey - US Census Bureau, 2010

Leading Causes of Death

	Catawba County 2010	North Carolina 2010	US
Cancer	1	1	2
Heart Disease	2	2	1
COPD	3	4	4
Stroke	4	3	3
Alzheimers	5	6	6
Unintentional Injury	6	5	5
Diabetes	7	7	7
Influenza and Pneumonia	8	9	8
Kidney Disease	9	8	9
Motor Vehicle Injuries	10	10	N/A

Leading Cause of Death by Age Group

	Catawba County 2010
0-19	Conditions originating in the perinatal period Motor vehicle injury Congenital anomalies (Birth defects)
20-39	Other unintentional injuries Motor vehicle injury Suicide
40-64	Cancer - All sites Heart Disease Other unintentional injuries
65-85	Cancer - All sites Heart Disease COPD
85+	Heart Disease Cancer - All sites Stroke

Leading Cause of Death by Sex

	Catawba County 2010
Males	1. Cancer 2. Heart Disease 3. COPD 4. Stroke 5. All other unintentional injuries 6. Diabetes 7. Influenza and pneumonia 8. Alzheimers 9. Motor vehicle injuries 10. Intentional self-harm (suicide)

Data in red indicate rates based on small numbers (fewer than 20 cases). These rates are unstable and should be interpreted with caution.

Females	1. Cancer
	2. Heart Disease
	3. COPD
	4. Stroke
	5. Alzheimers
	6. All other unintentional injuries
	7. Diabetes
	8. Influenza and pneumonia
	9. Kidney Disease
	10. Septicemia

Leading Cause of Death by Race	Catawba County 2010
Whites	1. Cancer
	2. Heart Disease
	3. COPD
	4. Stroke
	5. Alzheimers
	6. All other unintentional injuries
	7. Influenza and pneumonia
	8. Diabetes
	9. Motor vehicle injuries
	10. Kidney Disease
Black	1. Cancer
	2. Heart Disease
	3. Diabetes
	4. Stroke
	5. Kidney Disease, Motor vehicle injuries
	7. COPD
	8. Homicide
	9. Alzheimers, All other unintentional injuries

State Center for Health Statistics, 2005-2009; US Data - Centers for Disease Control and Prevention, 2007

Unemployment		
	Catawba County 2010	North Carolina 2010
Unemployment Rate	11.4% (October)	9.9% (October)

Employment Security Commission of NC, 2010

Cancer			
	Catawba County 2010	North Carolina 2010	NC Target 2010
White population	200	183.3	
Minority population	215.2	209.8	
Female population	163.4	155.7	
Male population	265	238.2	
Total Population	201.4	188.8	166.2
Prostate Cancer (Male)			
White Population	26.1	20.9	
Minority Population	52.8	53.3	
Total Population	27.7	26.0	
Breast Cancer (Female)			
White Population	24.8	22.4	
Minority Population	21.9	29.9	
Total Population	24.3	23.9	22.6
Trachea, Bronchus, & Lung			
White population	64.4	58.8	
Minority population	46.7	53.6	
Female population	42.4	42.4	
Male population	95.2	79.7	
Total Population	63.2	58.0	
Colon, Rectum, & Anus			
White population	20.4	15.5	
Minority population	33.0	21.7	
Female population	17.1	14.2	
Male population	27.8	20.2	
Total Population	21.2	16.7	16.4

State Center for Health Statistics, 2005-2009, deaths per 100,000 (age adjusted)

Data in red indicate rates based on small numbers (fewer than 20 cases). These rates are unstable and should be interpreted with caution.

Heart Disease and Stroke

	Catawba County 2010	North Carolina 2010	NC Target 2010
Heart Disease			
White population	185.8	188.2	
Minority population	189.4	217.8	
Female population	142.2	154.8	
Male population	249.2	247.3	
Total Population	187.2	194.7	219.8
Stroke			
White population	54.7	47.5	
Minority population	63	66.2	
Female population	55.6	49.6	
Male population	55	52.5	
Total Population	55.5	51.3	61

State Center for Health Statistics, 2005-2009, deaths per 100,000 (age adjusted)

Diabetes

	Catawba County 2010	North Carolina 2010	
White population	24.4	18.8	
Minority population	57.4	46.8	
Female population	21.3	27.6	
Male population	34.9	21.1	
Total Population	26.9	24.0	

State Center for Health Statistics, 2005-2009, deaths per 100,000 (age adjusted)

HIV and AIDS

	Catawba County 2010	North Carolina 2010	
HIV - Cases	10	1,710	
HIV - Rate per 100,000	6.4	18.5	
AIDS - Cases	9	957	
AIDS - Rate per 100,000	5.7	10.4	

North Carolina HIV/STD Surveillance Report, 2009

STD (Sexually Transmitted Diseases)

	Catawba County 2010	North Carolina 2010	NC Target 2010
Chlamydia cases	535	43,734	
Chlamydia rate (per 100,000)	340.6	474.2	
Gonorrhea cases	158	14,811	
Gonorrhea rate (per 100,000)	100.6	160.6	191
Syphilis Primary and Secondary - Cases	3	580	
Syphilis Primary and Secondary - Rate	1.9	6.3	9.6

North Carolina HIV/STD Surveillance Report, 2009

Oral Health

	Catawba County 2010	North Carolina 2010	
Average Number of Decayed, Missing and Filled Primary Teeth in Kindergarten	1.29	1.5	
Percent of Kindergarten Children with Untreated Tooth Decay	14%	17%	
Percent of 5th Graders with Permanent Teeth Free of Decay	79%	74%	
Percent of 5th Graders with Sealants	62%	44%	

NC Division of Public Health, Oral Health Section, 2008-2009

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Infant Mortality			
	Catawba County 2010	North Carolina 2010	NC Target 2010
Neonatal Mortality (Deaths under 28 days per 1,000 live births)			
White Population	4.4	4.0	
Minority Population	10.1	9.6	
Total Population	5.3	5.6	5.9
Infant Mortality (Deaths under 1 year per 1,000 live births)			
White Population	6.7	6.0	
Minority Population	12.0	14.0	
Total Population	7.5	8.3	7.4
Infant Mortality (Deaths under 1 year per 1,000 live births)			
Black	12.0	15.4	
Percent Low Birth Weight (% of live births weighing less than 5lbs.8oz)			
White Population	8.2%	7.4%	
Minority Population	13.2%	13.6%	
Total Population	8.9%	9.1%	7.0%
Percent Very Low Birth Weight (% of live births weighing less than 3lbs.3oz)			
Black	3.7%	3.5%	
Prenatal Care Initiated in 1st Trimester			
Black	77.0%	75.2%	
Total Population	82.7%	82.1%	90.0%
Births to Mothers Who Smoked Prenatally			
Total Population	14.6%	11.0%	7.0%
State Center for Health Statistics, 2005-2009			
Childhood Overweight and Obesity			
	Catawba County 2010	North Carolina 2010	NC Target 2010
2-4 year olds	34.30%	31.20%	11.80%
5-11 year olds	30.50%	42.90%	16.70%
12- 18 year olds	49.50%	46.10%	20.30%
Total for 2-18 year olds	38.10%	34.20%	
NC-NPASS (North Carolina-Nutrition and Physical Activity Surveillance System), 2009 (overweight and obesity combined)			
Teenage Pregnancy			
	Catawba County 2010	North Carolina 2010	
White Pregnancy Rate	27.7	26.6	
Minority Pregnancy Rate	40.5	46.1	
Total Pregnancy Rate	30.9	33.6	
State Center for Health Statistics, 2005-2009 (15-17 years old) (rates per 1,000)			
Adult Tobacco Use			
	Catawba County 2010	North Carolina 2010	
Current Smoker	22.9%	20.3%	
Females	13.5%	17.1%	
Males	33.7%	23.1%	
Tried to quit for 1 day or longer in the last year	55.7%	59.3%	
State Center for Health Statistics, 2009 BRFSS Survey (over age 18)			
Influenza and Pneumonia			
	Catawba County 2010	North Carolina 2010	
White population	24.9	19.9	
Minority population	9.1	18.1	
Female population	20.1	17.7	
Male population	31.1	22.8	
Total Population	23.9	19.7	
65-84 years of age*	91.2	75.4	
Over the age of 85*	828.2	592.7	
State Center for Health Statistics, 2005-2009, deaths per 100,000 (age specific); *SCHS,2004-2008, deaths per 100,000 (age specific)(most recent available)			
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Violence

	Catawba County 2010	North Carolina 2010	NC Target 2010
Homicide	6.8	7.0	5.0
Suicide	14.8	12.0	8.0

State Center for Health Statistics, 2005-2009, deaths per 100,000 (age adjusted)

Access to Health Care

	Catawba County 2010	North Carolina 2010	
Dentist per 10,000	4.5	4.3	
Physicians per 10,000	23.4	21.2	
Primary Care Physician per 10,000	8.2	9	
Uninsured Estimates for Children (0-18)	13.70%	11.30%	
Uninsured Estimates for Adults (19-64)	20%	19.50%	
Uninsured Estimates for Non-elderly (0-64)	18%	19.50%	

NC Institute of Medicine, 2008; NC Health Professions Data System, 2008 (most recent data available)

Communicable Disease

	Catawba County 2010	North Carolina 2010	
Hepatitis A cases	1	445	
Hepatitis A rate (per 100,000)	0.1	1	
Hepatitis B cases	9	658	
Hepatitis B rate (per 100,000)	1.2	1.5	
Pertussis cases	12	885	
Pertussis rate (per 100,000)	1.6	2	
Salmonellosis cases	123	7689	
Salmonellosis rate (per 100,000)	16.4	17.6	

State Center for Health Statistics, 2003-2007, rates per 100,000 (most recent data available)

Motor Vehicle Crashes

	Catawba County 2010	North Carolina 2010	
Fatal	26	1,488	
Non-fatal Injury	2,183	112,348	
Total	2,209	113,796	
Alcohol-Related			
Fatal (Percent Alcohol Related)	11 (42.3%)	417 (28.8%)	
Non-fatal Injury (Percent Alcohol Related)	174 (8.0%)	9,254 (8.2%)	
Total (Percent Alcohol Related)	185 (8.4%)	9,671 (8.5%)	

NCDOT, 2008 (most recent data available)

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