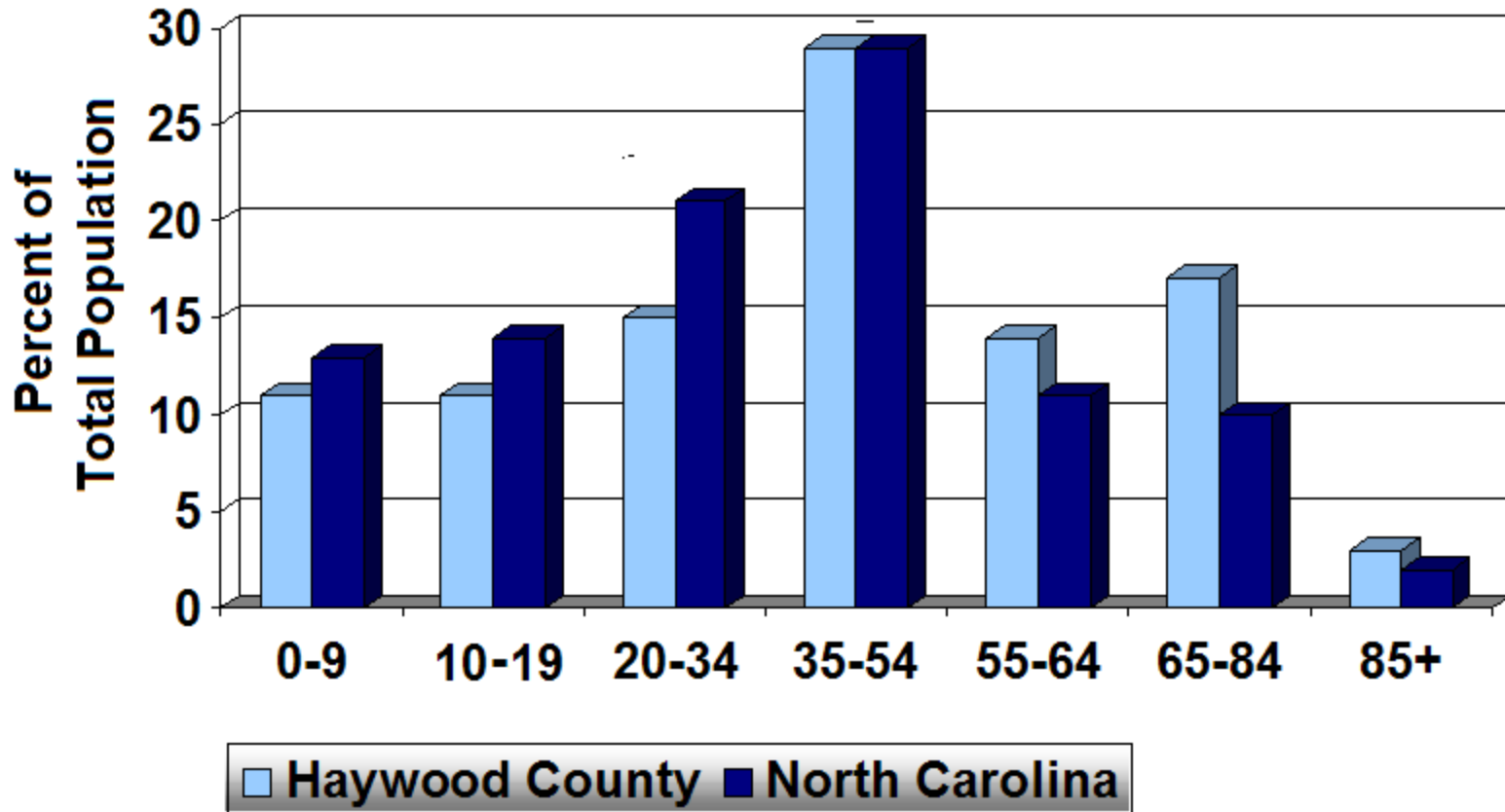


Haywood County State of Health Report

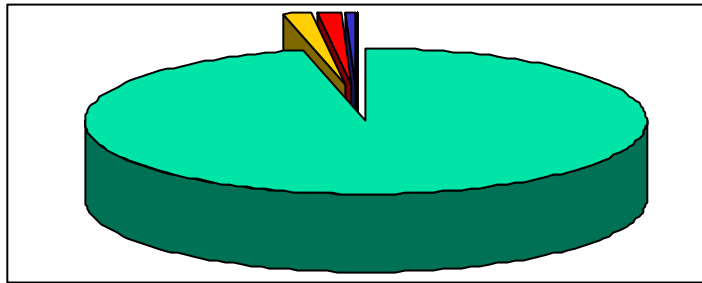
December 2009



Haywood County Population by Age 2006

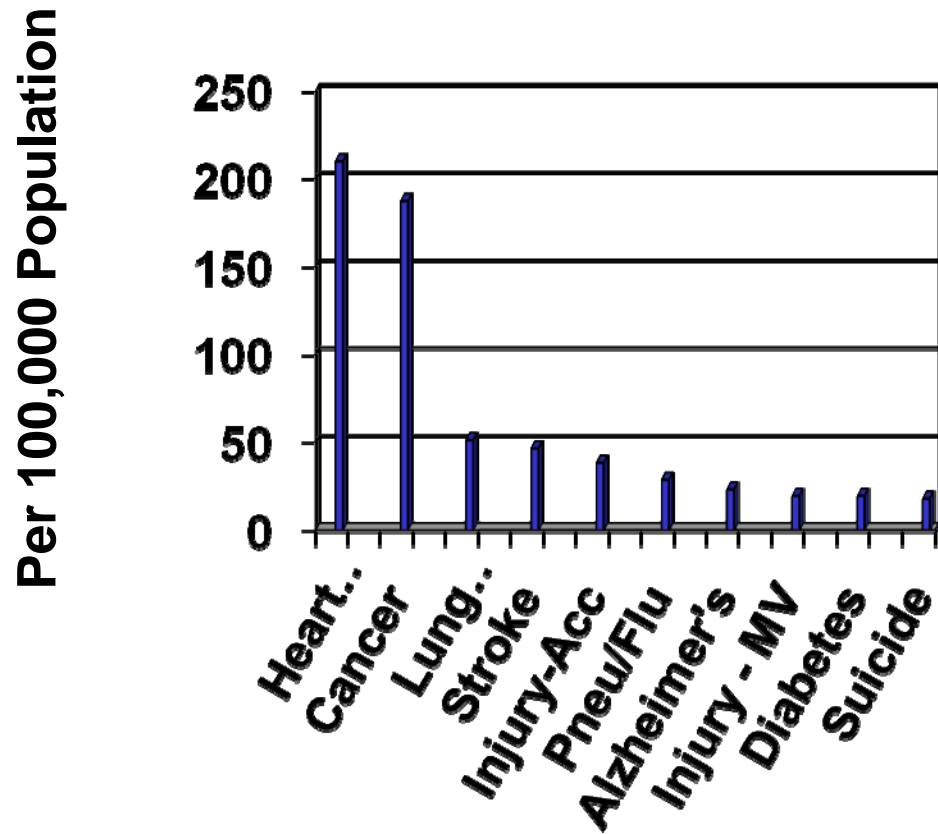


Haywood County Population by Race/Ethnicity



- White non-hispanic 95.4%
- White - hispanic 1.7%
- African American 1.4%
- Native American .6%
- 2+ Races .6%
- Asian American .3%

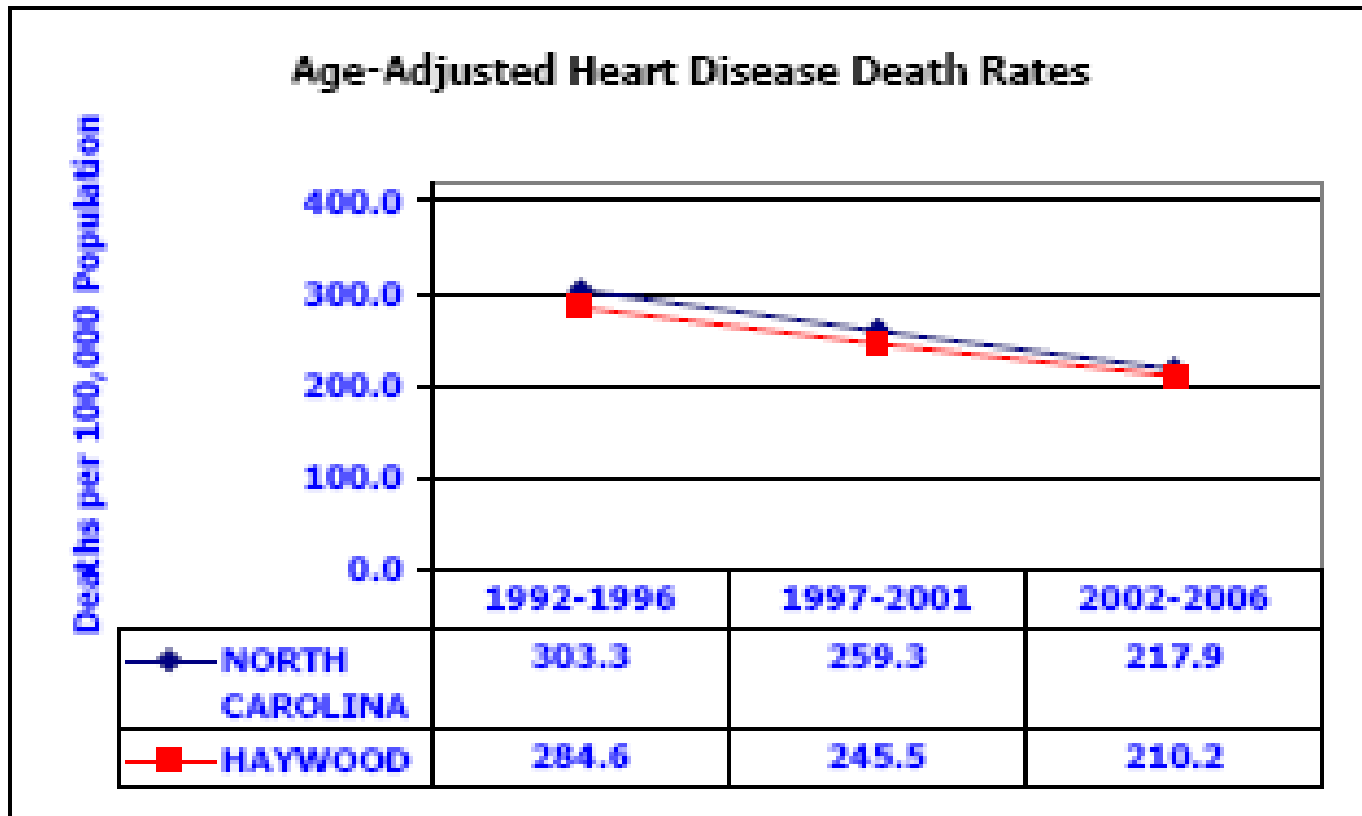
Leading Causes of Death in Haywood County 2002-2006



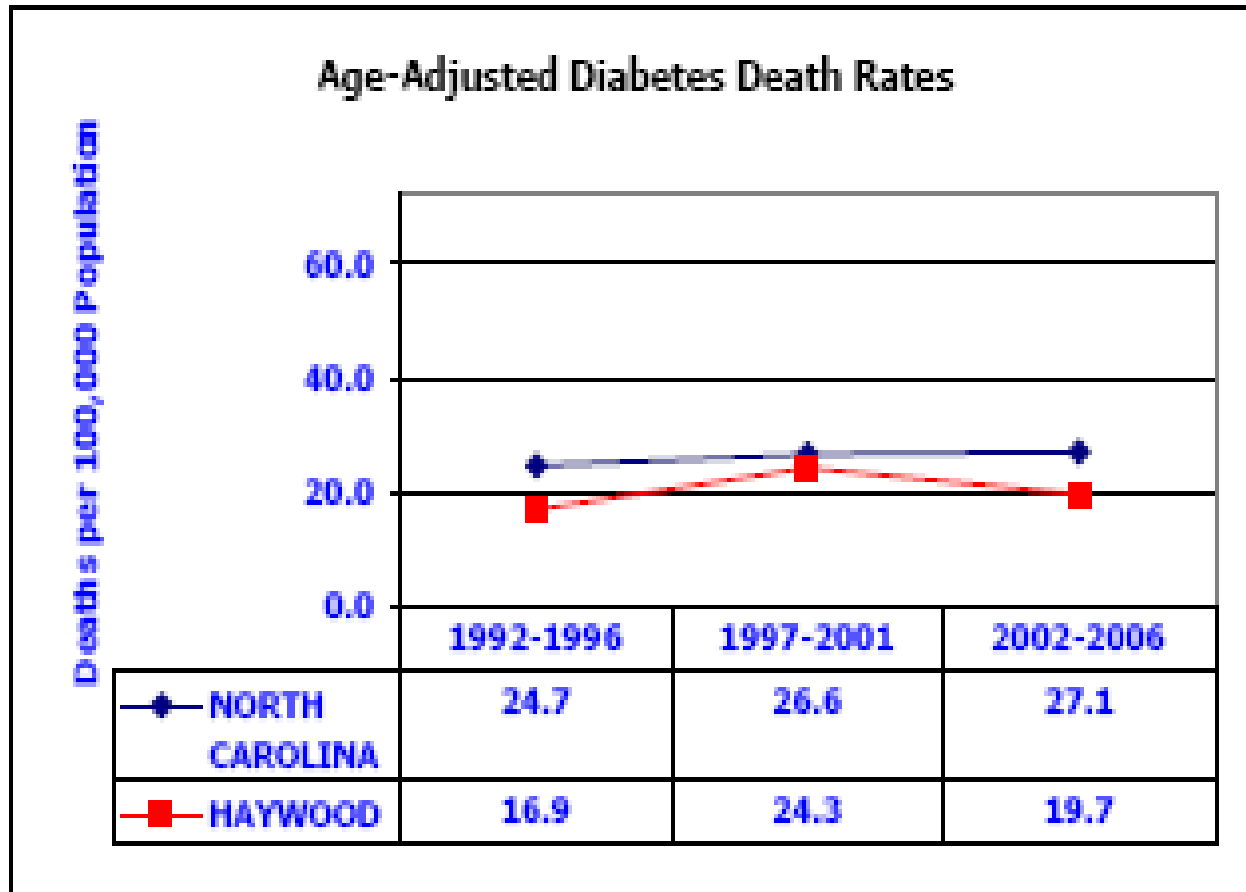
Haywood County Mortality

	County	Peer	State	Year	County State Diff.
Diabetes Deaths /100,000	18.8	29.9	25.4	2006	-0.35 Lower
Chronic Liver Disease, Cirrhosis Deaths/100,000	10.5	18.5	8.8	2006	0.16 Higher
Heart Disease Deaths /100,000	189.4	213.9	198.7	2006	-0.05 No Significant Difference
Cancer Deaths /100,000	187.9	182.8	195.8	2006	-0.04
Breast Cancer Deaths / 100,000	30.9	25.2	24.9	2006	0.19 Higher
HIV Disease Deaths /100,000	1.7	11.0	4.8	2006	-1.82 Lower
Pneumonia, Flu Deaths /100,000	17.9	19.2	20.0	2006	-0.12 No Significant Difference
Intentional Self Harm (Suicide) /100,000	20.6	39.5	12.3	2006	0.40 Higher

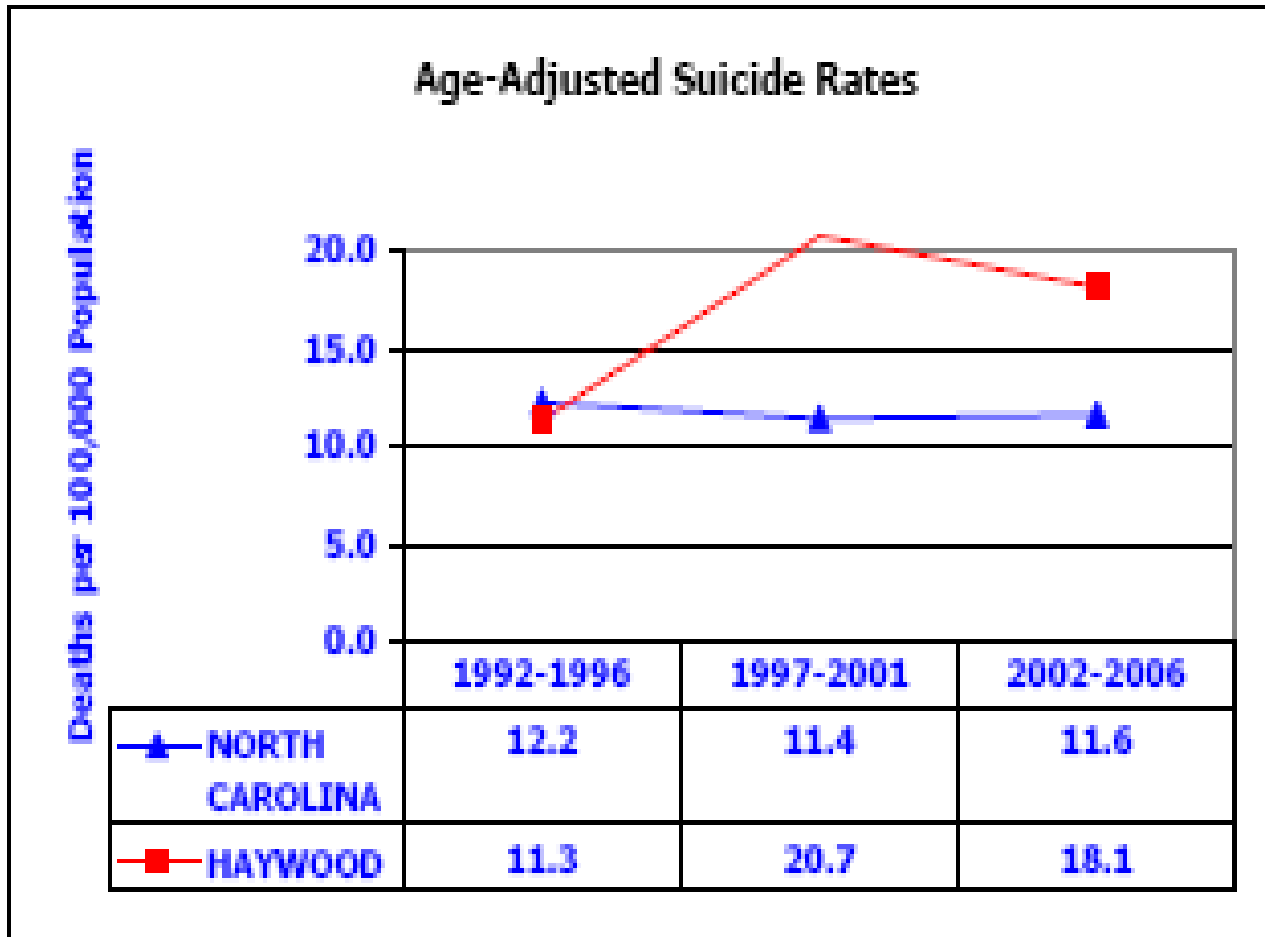
North Carolina & County Trends in Key Health Indicators: Haywood County



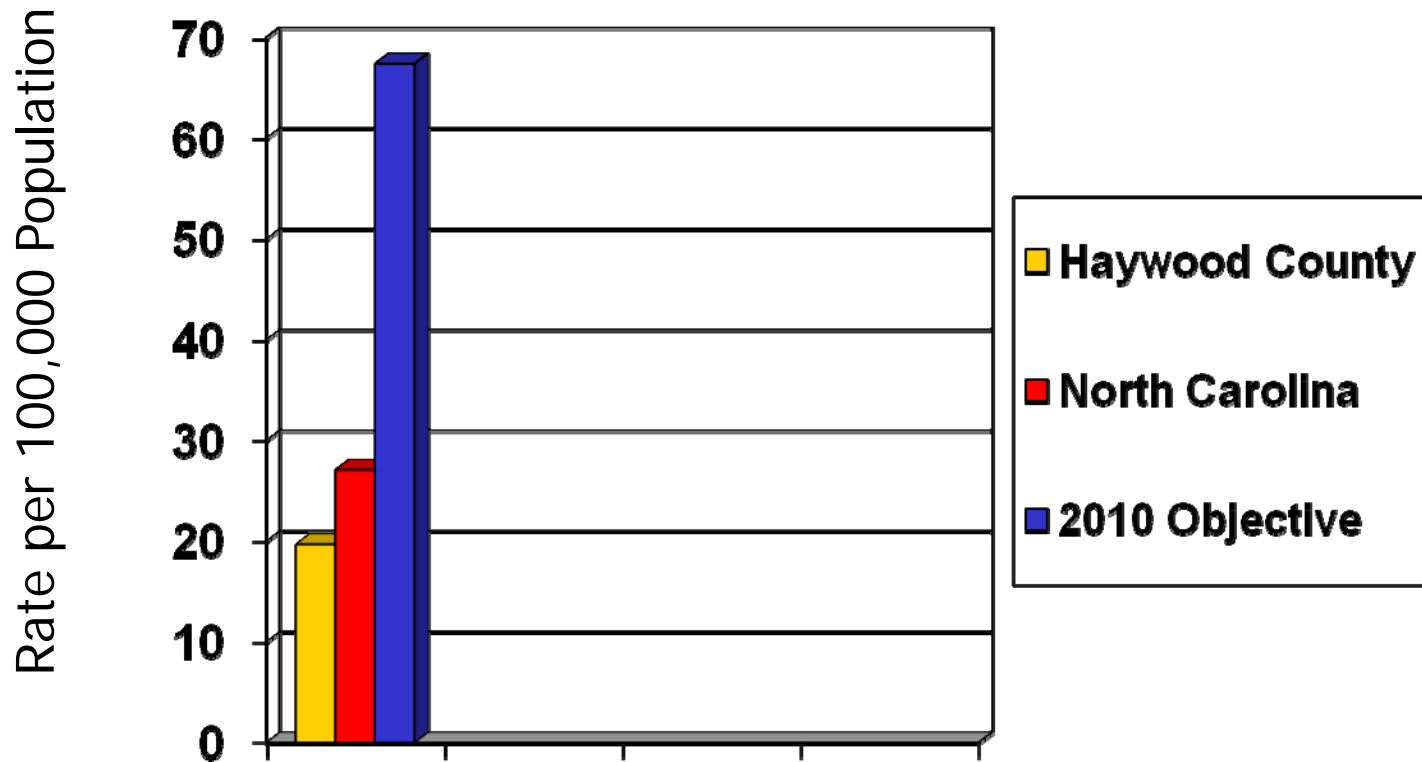
North Carolina & County Trends in Key Health Indicators: Haywood County



North Carolina & County Trends in Key Health Indicators: Haywood County



Death Rates from Diabetes in Haywood County



2005-2007 Life Expectancies by Age, Race and Sex Haywood County

Age Group	Total	Sex		Race	
		Male	Female	White	African American
• <1	76.6	73.8	79.2	76.5	N/A
• 1-4	76.3	73.5	78.9	76.2	N/A
• 5-9	72.5	69.5	75.3	72.4	N/A
• 10-14	67.6	64.5	70.5	67.5	N/A
• 15-19	62.6	59.6	65.5	62.5	N/A
• 20-24	57.9	54.9	60.7	57.8	N/A
• 25-29	53.3	50.6	55.8	53.2	N/A
• 30-34	48.5	45.9	50.9	48.4	N/A
• 35-39	43.9	41.3	46.3	43.8	N/A
• 40-44	39.4	36.9	41.7	39.4	N/A
• 45-49	35.1	32.7	37.3	35.0	N/A
• 50-54	30.8	28.8	32.7	30.8	N/A
• 55-59	26.6	24.6	28.4	26.6	N/A
• 60-64	22.5	20.6	24.2	22.5	N/A
• 65-69	18.9	17.2	20.3	18.8	N/A
• 70-74	15.3	13.9	16.4	15.3	N/A
• 75-79	12.2	11.1	13.1	12.2	N/A
• 80-84	9.5	8.6	10.1	9.4	N/A
• 85+	7.3	6.7	7.5	7.2	N/A

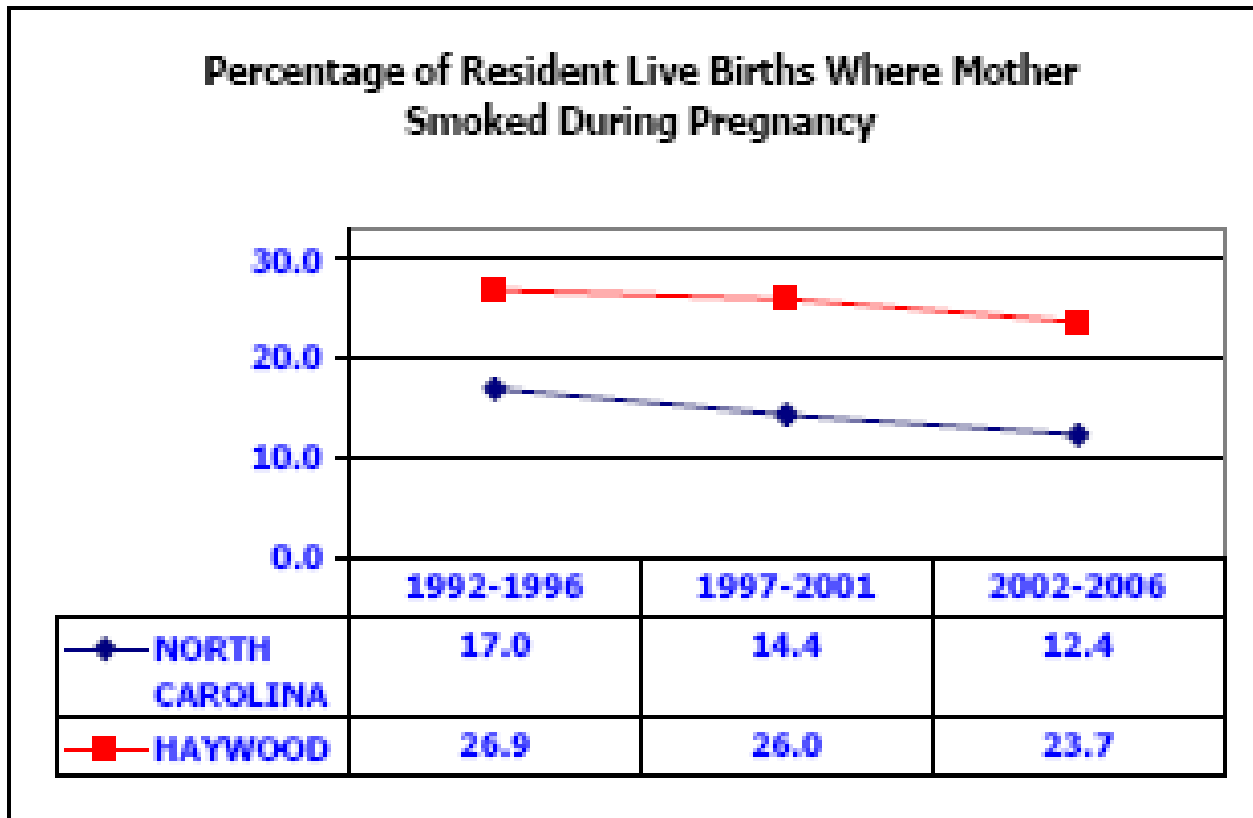
Life expectancy is the average number of additional years that someone at a given age would be expected to live if current mortality conditions remained constant throughout their lifetime N/A means that the live expectancy estimate is suppressed due to (1) a total population (over all age intervals) of less than 1,000 or (2) any age interval population estimate less than 10.

Haywood County Hospital Discharge – Morbidity

Hospital Discharge	County	Peer	State	Year	Difference between county and state	
AIDS Discharges/10,000	0.9	1.2	2.3	2006	-1.56	Y - Lower
Diabetes Discharges /10,000	15.1	11.7	18.7	2006	-0.24	Y - Lower
Cardiovascular and Circulatory Diseases Discharges /10,000	232.9	194.2	189.7	2006	0.19	Y - Higher
Heart Disease Discharges /10,000	165.4	141.4	129.8	2006	0.22	Y - Higher
Respiratory Diseases Discharges /10,000	141.2	142.6	107.4	2006	0.24	Y - Higher
Pneumonia, Influenza Discharges /10,000	44.1	54.9	37.6	2006	0.15	Y - Higher
Chronic Obstructive Pulmonary Disease Discharges per 10,000	39.2	28.4	33.0	2006	0.16	Y - Higher
Chronic Liver Disease, Cirrhosis	4.0	5.4	3.2	2006	0.20	Y – Higher

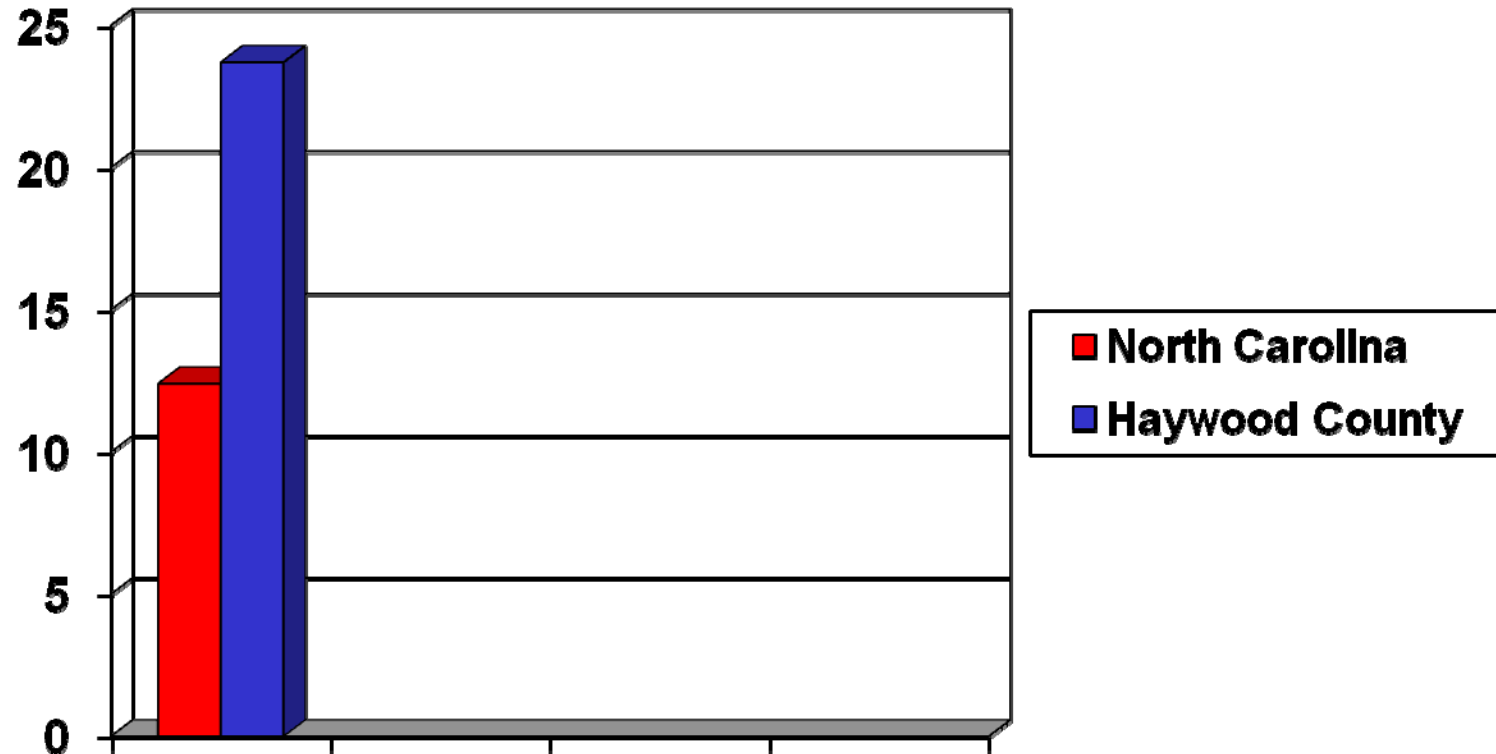
*Only North Carolina facilities participate in the hospital discharge data base and therefore the data will be incomplete for counties where residents leave North Carolina for services.

North Carolina & County Trends in Key Health Indicators: Haywood County

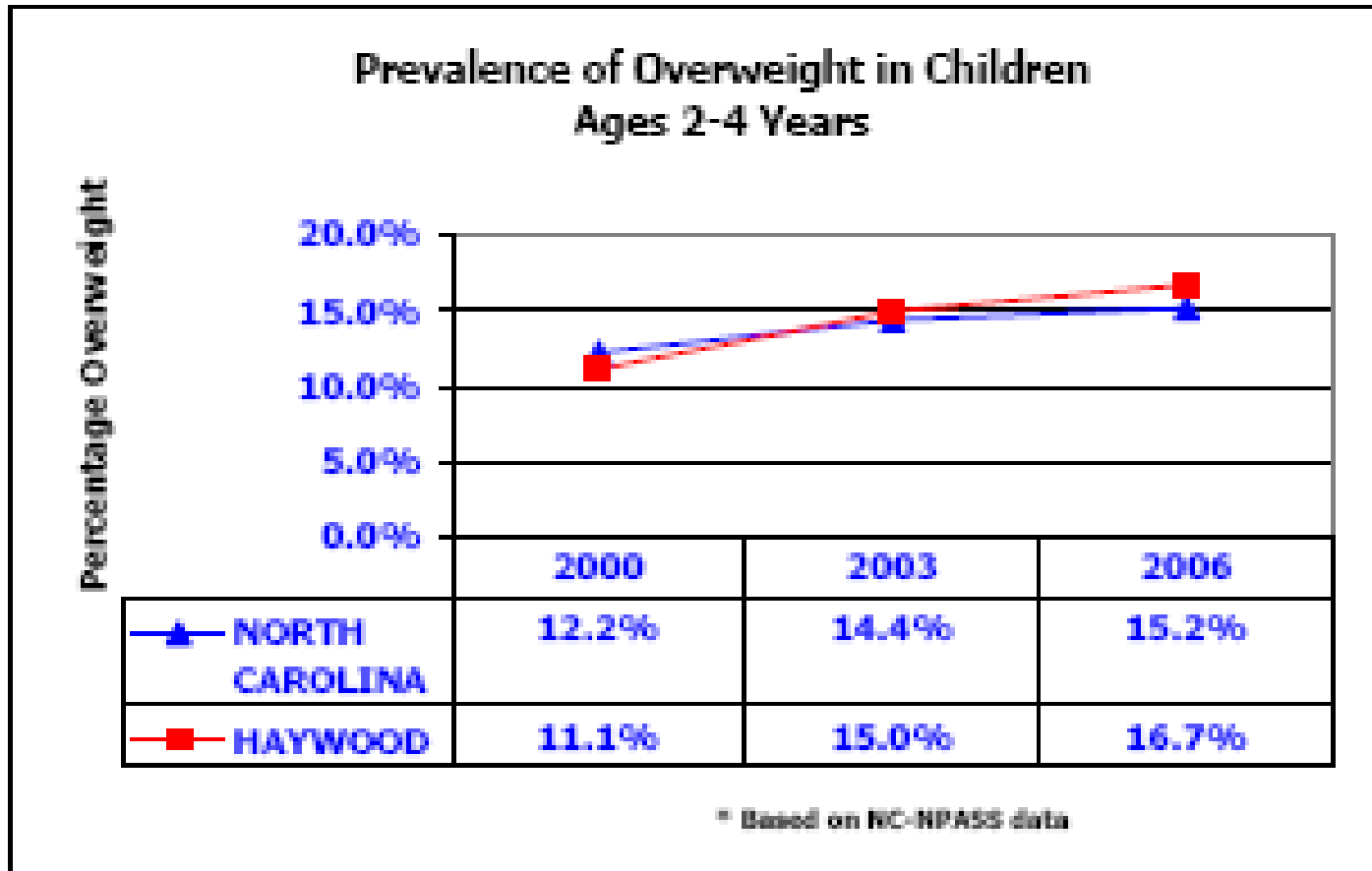


Haywood County Substance Abuse – Tobacco

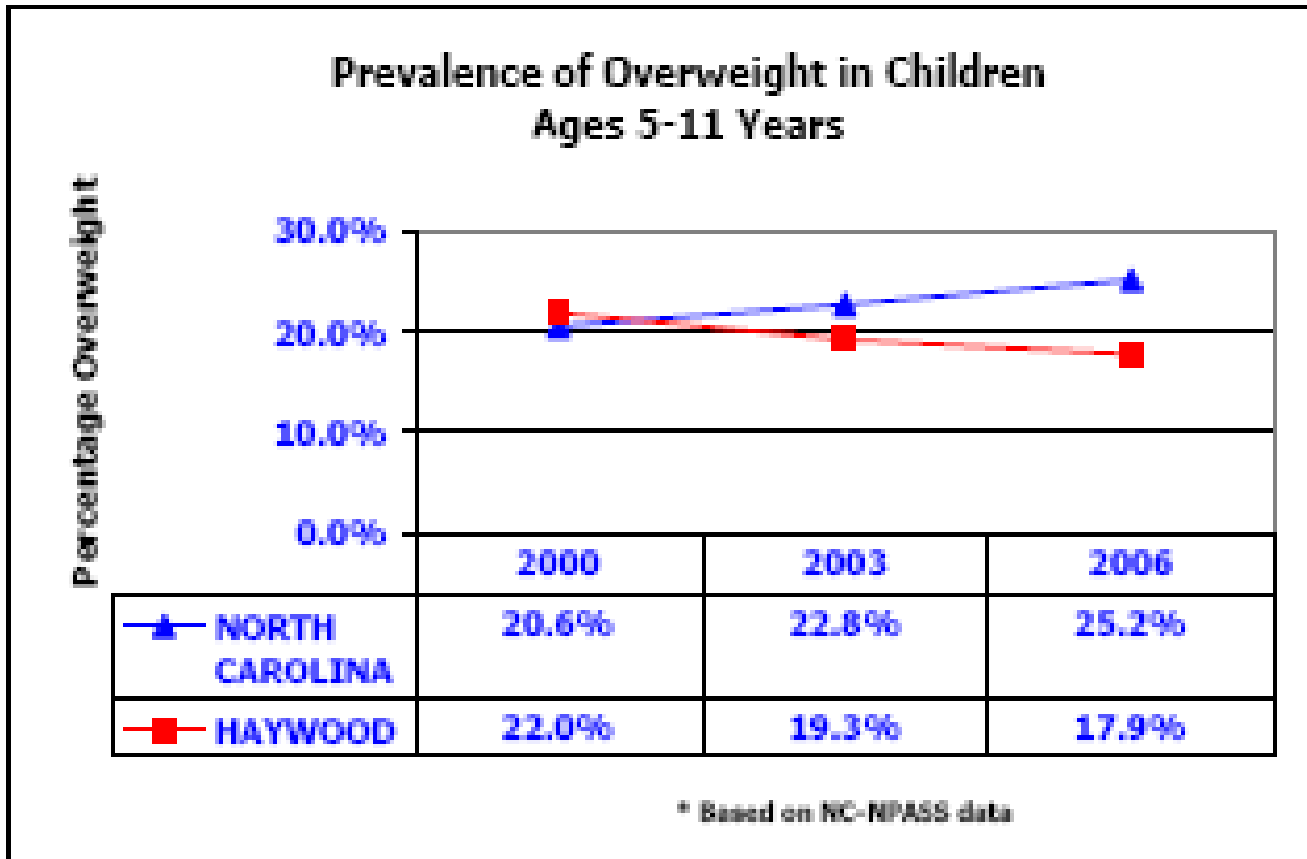
Percent Births to Smoking Moms 2002-2006



North Carolina & County Trends in Key Health Indicators: Haywood County



North Carolina & County Trends in Key Health Indicators: Haywood County



Question: What keeps people in Haywood County from being healthy?

- Unhealthy Food (27 groups)
- Attitude/Don't Care (21)
- Low Income (20)
- Lack of Exercise (19)
- Lack of Knowledge (17)
- No Insurance (17)
- Lack Access to Doctor/Dentist (15)
- Pollution (13)
- Lack of Time (12)
- Smoking/Drinking (12)
- Culture (12)

Question taken from Community Health Assessment survey question.

Haywood County Health Priorities 2009-2012

Total Count – May 22, 2008 Meeting

HEALTH ISSUES	TOTALS
1. Overweight/Poor Nutrition	558
2. Cardiovascular Disease	524
3. Substance Abuse (Drugs/Alcohol/Tobacco)	516
3. Cancer	516
4. Mental Health	494
5. Diabetes	490
6. Lack of Access to Care	489
7. Asthma & Lung Problems	484
8. Dental Health	453
9. STDs, AIDS, Communicable Disease	418

Top Three Health Action Teams of the Healthy Haywood Partnership

2009-1012 Health Action Teams:

Healthy Living

- The Healthy Living team's (previously Obesity Prevention) main focus will be Physical Activity & Nutrition –
- With physical activity and nutrition focus, this will help prevent or better manage chronic and preventable diseases such as: Cancer, Asthma, Diabetes, Cardiovascular Diseases, etc.

Substance Abuse

- Substance Abuse team is a new team that will focus on alcohol, tobacco, and other drugs (alcohol used to fall under Mental Health and tobacco fell under cancer prevention and asthma)

Mental Health

- Mental Health team is an existing team that will continue its work – as mentioned above, substance abuse has become its own team.

35 different groups took part in the Community Health Assessment Survey

Health Action Team Progress:

Healthy Living

2009 SUCCESSES

Healthy Living

13 Total Interventions to Achieve by 2012 on this action plan

- **Fitness Challenge**
 - Raised \$24,000/Continue in '10
 - Record breaking 2400 participants
- **Power of Pink (3rd annual)**
 - Fundraising event/Breast cancer detection in Haywood County
 - Support with planning, volunteers & promotion
 - New under Healthy Living
 - Continue in '10
- **Healthy Articles**
 - 3 printed in 2009/Continue in '10
- **Family Fun Day**
 - 10th annual /400+ attended
 - Continue in '10

Health Action Team Progress: *Mental Health*

2009 SUCCESSES

7 Total Interventions to Achieve by 2012

- **Mental Health Display Board**
 - Educate/Break Stigma/Bring Awareness
 - Continue to display in 2010
- **Became involved** in understanding needs of homeless in Haywood County/Continue in 2010
- **Support “Healthy Ideas”**
 - Evidence based screening tool for depression
 - Continue support in 2010

Health Action Team Progress:

Substance Abuse

2009 SUCCESSES

11 Total Interventions to achieve by 2012

- **Healthy Living Summer Camp at PCMDC**
 - 11 students/10 volunteers
 - Continue in 2010
- **Merchant Education**
 - 17 trained/6 volunteers
- **TATU (Teen Against Tobacco Use)**
 - 12 students trained
 - All 5th graders in county to see in 2010
- **Healthy Articles**
 - 4 in 2009/Continue in 2010
- **Support Suboxone Treatment**
 - 3 local doctors now trained in this treatment

Haywood County Health Issues and Initiatives

- The number one most mentioned health concern in Haywood County is **Obesity** and **Poor Nutrition**.
- Haywood county public elementary school children (K-5th grade) have been measured for height and weight and their body mass index for the past eight years.
- These Body Mass Index Assessments document the overweight/obesity problem in the students K – 5th grades. The next slide shows each year's results for comparison.

Body Mass Index Measurements for Haywood County Elementary Schools 2001 - 2009

School Year	% OW and Obese	% Overweight	% Obese	# of Morbidly Obese
• 2009 – 2010	40%	18%	22%	65
• 2008 – 2009	40%(39.6)	19% (18.71)	21% (20.92)	72
• 2007 – 2008	39%	18%	21%	65
• 2006 – 2007	36.66%	18%	18%	72
• 2005 – 2006	37%	18.5%	18.5%	50
• 2004 – 2005	38%	19%	19%	54
• 2003 – 2004	35%	17%	18%	62
• 2002 – 2003*	35%	17%	18%	8
• 2001 – 2002	32%	16%	16%	*Did not compute the first year.

*In year 2002-2003 only one school was measured for Body Mass Index calculations. This is the results of just one school.

2009 Body Mass Index Data

Haywood County Elementary Schools Overall statistics

- 60 % are at healthy weight and/or underweight.
- 40% of students are overweight and/or obese.
 - 22% of students are obese. Up one percentage point from last year.
 - 18% of students are overweight. Down one percentage point from last year.
- 65 students are morbidly obese, down from last year's 72.
- The obesity & overweight percentage rate did not change from last year.
- The % of Overweight and/or Obese is 40% - same as last year.
- *Note -Many more absences this year due to flu – approximately 226 absences*

HAYWOOD COUNTY COMMUNICABLE DISEASE REPORT THRU NOVEMBER 2009

• ANIMAL BITES/Domestic		163
• ANIMAL BITES/Wild		6
• CAMPYLOBACTER INFECTION		3
• ENCEPHALITIS (LAC)		4
• HEMOPHILUS INFLUENZAE		2
• H1N1		25
• HEPATITIS B, Carriage		1
• HEPATITIS C, ACUTE	1	
• HIV INFECTION		4
• MENINGITIS, PNEUMOCOCCAL		1
• PERTUSSIS (Whooping Cough) Lab confirmed		9
• ROCKY MOUNTAIN SPOTTED FEVER		1
• SALMONELLOSIS		6
• TUBERCULOSIS		1
• SYPHILIS		1
• GENITO-URINARY (non-PID) Gonorrhea		10
• CHLAMYDIA - Lab confirmed		63
• NONGONOCOCCAL URETHRITIS (NGU)		4

Haywood County Environmental Health Data 2009

- Onsite Wastewater Activity Thru 10/09
 - Site Visits 2485
 - Number of Applications 434*
 - Sites Evaluated 470
 - Total Number of permits
issued through 10/09 is 1048

* Does not include applications submitted in 1/09

Haywood County Well Program Activity Thru 11/09

- New Well Permit Activity
 - Permits issued 153
- Wells sampled 128
- Annual Drought-Related Well Permit totals 44

Haywood County Environmental Health Risk Assessment Thru 11/09

- Well Test Results
 - 28% or 34 well samples tested positive for Total Coliforms
 - No E. Coli was found in any well tests
- Onsite Wastewater Activity
 - Sewage Complaints Investigated 78
 - Notices of Violations Issued 13
- Environmental Complaints Reported by the Public
 - Sewage 33
 - Vector (Rats & Mosquitoes) 9
 - Food Related 20
 - Trash 6
 - Other 7

Haywood County New Initiatives

- MOMS – Moms On the Move – an upcoming program we hope to kick-off this spring. Open to all women in Haywood County, but will focus on the women in HCHD programs, especially the WIC program. This nutritional education and physical activity program will meet one to two times per week for exercise and nutritional information. Incentives and awards will be given to participants. A survey will be conducted in November, December and January with all available WIC clients to determine their needs, and interest for the “MOMs” project.
- Working with the School Health Advisory Council to improve the Haywood County School’s Wellness Policy and implement more enforcement of the Schools’ Snack Policy and the 100% Tobacco Free Schools Policy.
- Establish a Water Policy for Haywood County Health Department, which would include the Board of Health and all Healthy Haywood’s Health Action Teams and partnership activities.
- Quitline Mousepads Promotion – This project promotes the Quitline Mousepads which will be used at every computer in the Haywood County Library System. 50 Quitline Mousepads were distributed to all four Haywood County Libraries in Waynesville, Canton, Maggie Valley, and Fines Creek.
- 100% Smoke Free Restaurant Coaster Campaign – Will begin working on this project over the next two months.

Haywood County Emerging Issues for 2010

- H1N1 Flu Response & Prevention Efforts.
- Implementation of new State Smoking Law.
- Amend & Implement Board of Health Solid Waste Rule.
- Address budget issues including changes in Medicaid funding & Case Management Services.
- Continue Operation & Maintenance Program for certain types of septic systems.
- Review environmental health concerns such as possible soil & water contamination and agricultural land development.
- Recruit a Dentist for the Dental Program.