



Buncombe County 2009 Health Report

NC DHHS - State of the County Health (SOTCH) Report

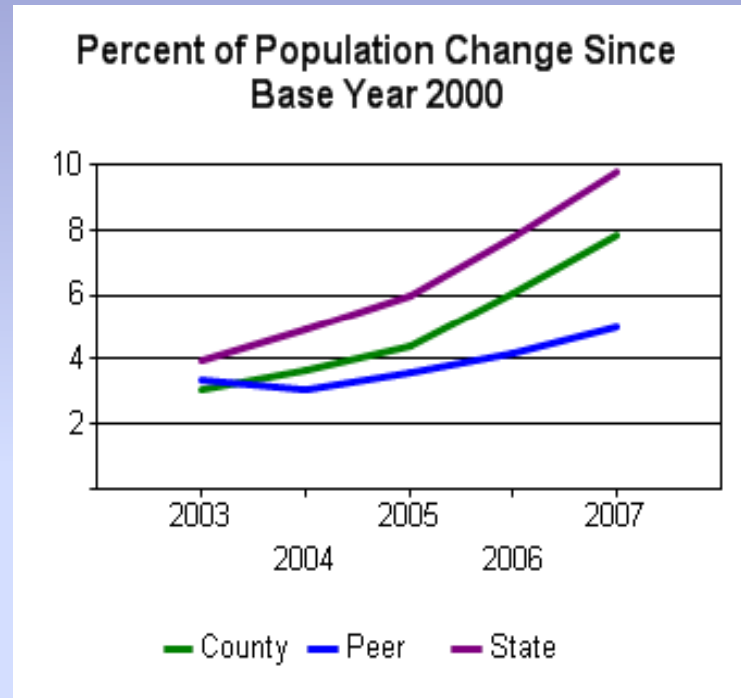
Prepared by Buncombe County Health Center and Health Partners
December 7, 2009

Contents of Report

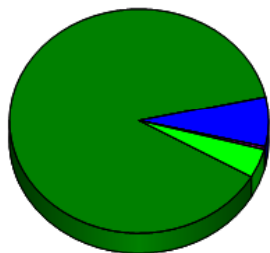
- Demographics
- Community Health Priorities – data & community action updates
- Behavior Risk Factors
- Leading Causes of Death
- Chronic Disease Trends
- Communicable Disease Trends
- Emerging Health Issues
- Dissemination of Report

Buncombe County Demographics

2007 Buncombe County Population by Race	Number of Citizens
White	196,730
Black	16,147
American Indian	954
Other (non-Hispanic)	9,259
TOTAL	223,090

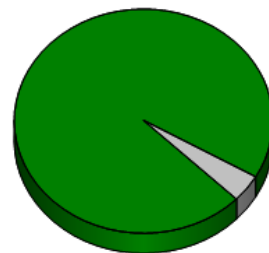


Race Value Graph



■ 2007 - White
■ 2007 - Black
■ 2007 - American In...
■ 2007 - Other

Ethnicity Value Graph



■ 2007 - Hispanic
■ 2007 - Non Hispanic

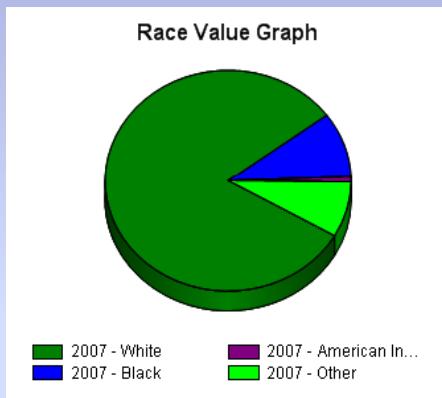
NC Peer Counties:

Burke, Davidson, Randolph

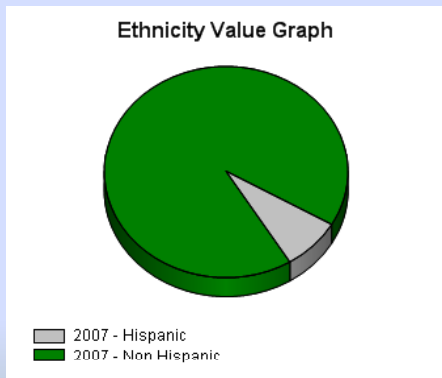
Source: NC CATCH (data warehouse); Population data is provided by Claritas, a third party Information resource company

Buncombe County Demographics

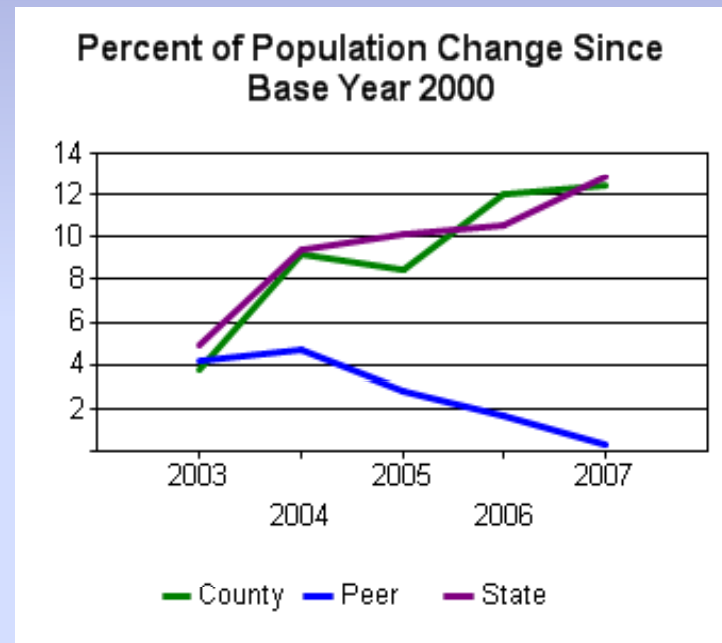
BC Population Ages 1 – 4 years



RACE	Population (number)
White	8,037
Black	947
American Indian	77
Other	800



Ethnicity	Population (number)
Hispanic	778
Non Hispanic	9,066



NC Peer Counties:

Burke, Davidson, Randolph

Source: NC CATCH (data warehouse); Population data is provided by Claritas, a third party Information resource company

Community Health Priorities

(2006 CHA Priority Issues)

- **Physical activity & nutrition for healthy living**
 - Childhood and adult obesity prevention
- **Access to whole person care**
 - Primary care, dental, mental health, and preventive
- **Economic access to care**
 - Care for the uninsured and underinsured
- **Mental Health**
 - Integrated care
- **Health Equity and Health Parity**

Obesity

Community Health Priorities
Partner Update - Obesity

Healthy Buncombe

Physical Activity and Nutrition Coalition



- Bicycle Rodeos – training children and parents in bicycle safety
- BMI measurement in all elementary schools
- Reframing obesity as a community-wide justice issue and not simply a result of bad individual behaviors
- *Focus on policy and environmental change*
- www.healthybuncombe.org

Community Health Priorities Partner Update - Obesity

Pioneering Healthier Communities

- Focus on policy & built environment, not direct programs
 - Engaging community leaders and elected officials
- Made \$30,000 in local grants to support physical activity
- Coordinated by the YMCA of Western NC
- www.activateasheville.org



Community Health Priorities Partner Update - Obesity

Health Partners

- Healthy Carolinians coalition
- Collaborative group that meets to plan, share information & promote resources for healthy living
- 60 volunteers & representatives of local groups on the team
 - Events of partners listed at www.healthpartnerswnc.org
- Highlighted partner activities follow



Community Health Priorities

Partner Update - Obesity

Kids in Parks

– National demonstration program through the Blue Ridge Parkway Foundation, Blue Cross Blue Shield of NC and Blue Ridge Parkway



- **New Track Trail** includes an interactive website, trail maps, and treasure hunt activities along the trail to encourage families with children to get outside and be active on the Blue Ridge Parkway.
- Over 500 people attended the grand opening this Fall.
- 35% said they had never visited the Parkway
- 95% would come again.

Community Health Priorities

Partner Update - Obesity

Buncombe County Cooperative Extension

- 61 3rd grade students reached through the nine-week SNAP-Ed program
- 35 people participated in the East Smart, Move More, Weigh Less weight management program
- 10 facilitators were trained to offer the Families Eating Smart and Moving More programs out in community locations
- The Expanded Food and Nutrition Program and its partners have served 90 lower-income families.

Buncombe County Parks, Greenways & Recreation Services

- Two new feasibility studies are underway to provide the analysis needed for an additional 30 miles of potential bike and pedestrian trails along the Swannanoa and French Broad Rivers.

Community Health Priorities Partner Update - Obesity

Community-wide Planning for Obesity Prevention

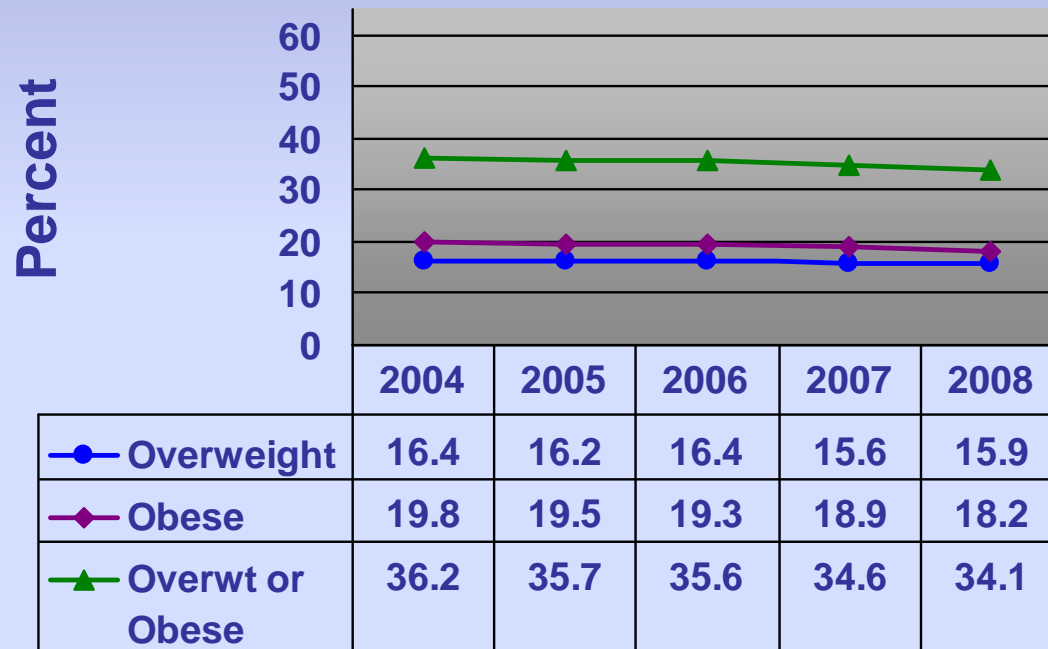


- There have been three different sessions dedicated to community collaboration and group planning for obesity prevention in 2009. Over 40 organizations and volunteers participated.
- These sessions have led Buncombe County along the path towards a comprehensive, obesity prevention-focused Health Systems Analysis project that will begin in December 2009. An application for funding is pending.

Community Health Priorities

Obesity - Children

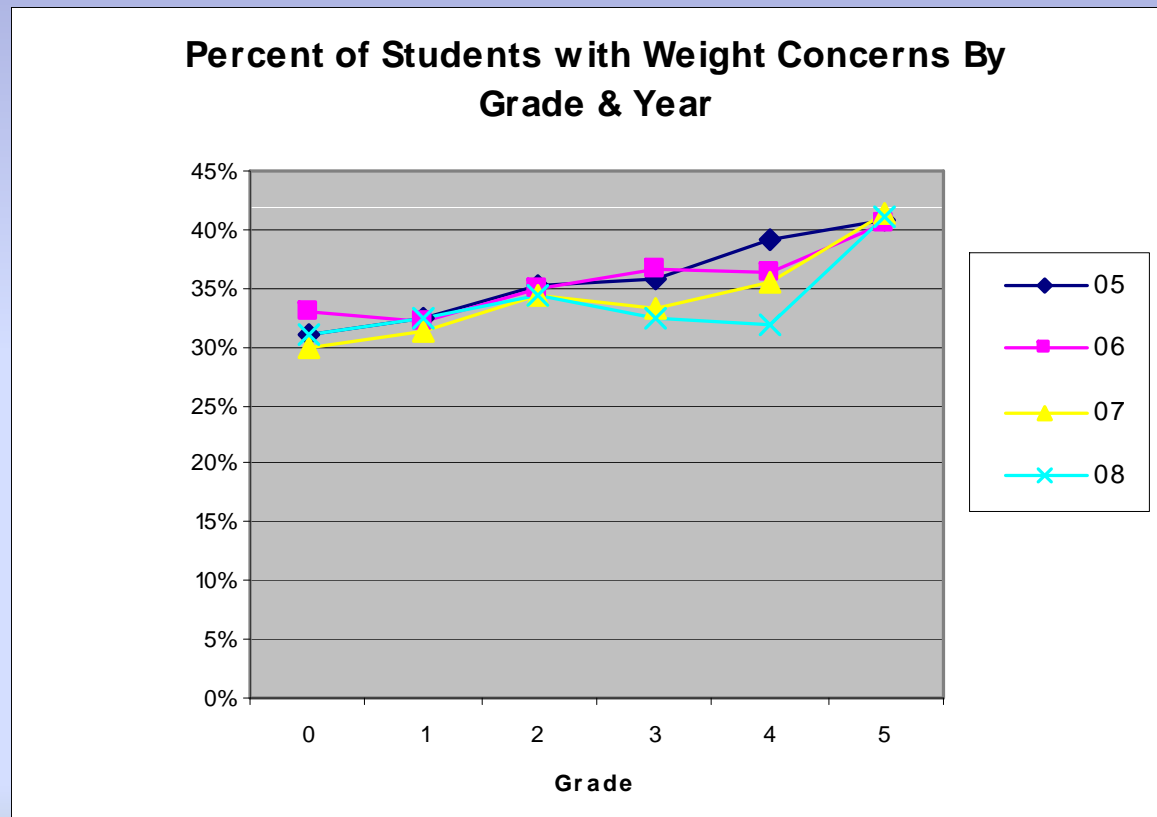
Weight Status of Buncombe County K-5 Students



Source: Buncombe County School Health Advisory Council & Buncombe County Health Center (local BMI data on 12,891 elementary students in 2008)

Community Health Priorities

Obesity - Children

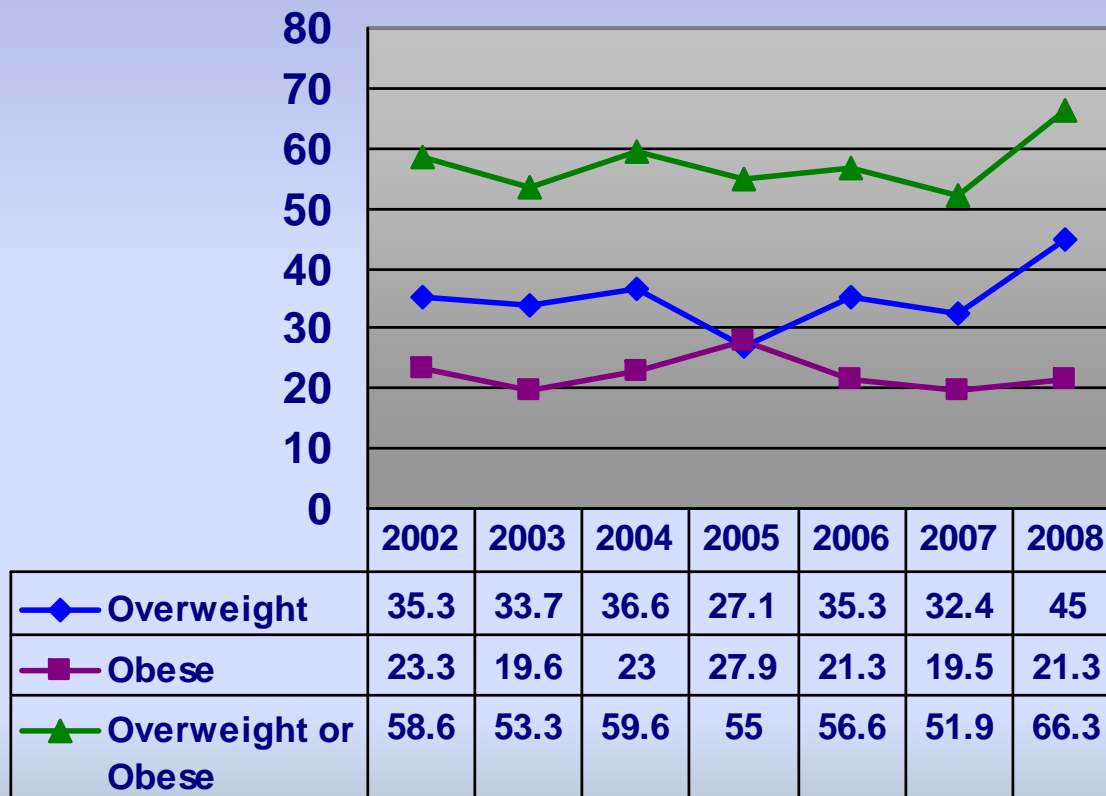


Source: Buncombe County School Health Advisory Council & Buncombe County Health Center (2008 local BMI data)

Community Health Priorities

Obesity - Adults

Percentage of Buncombe Adults 18 - 64
Who are Overweight or Obese

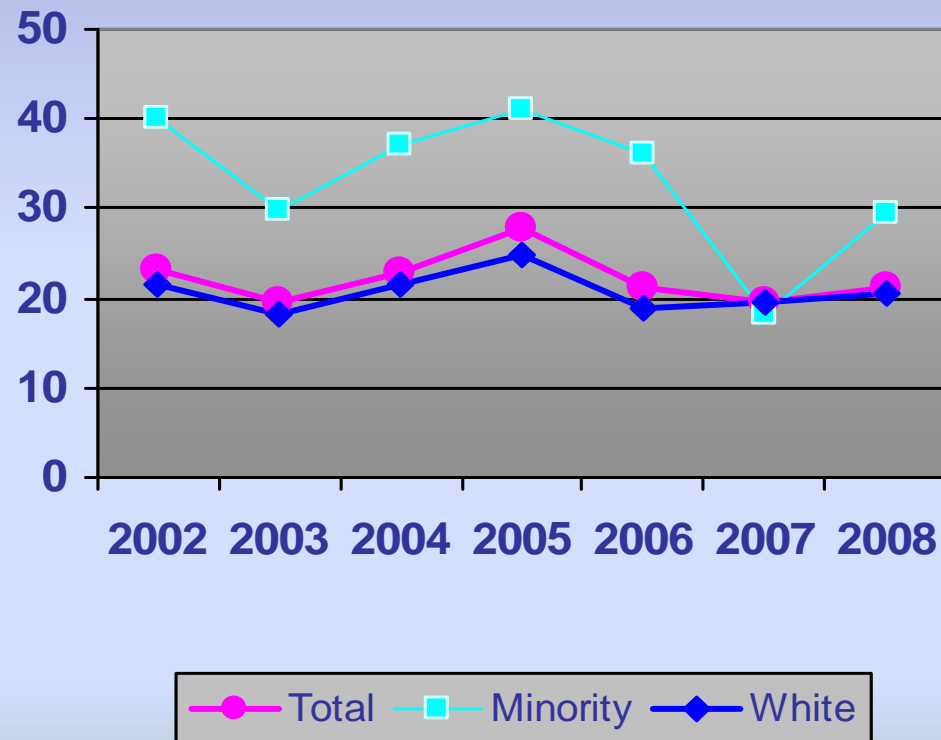


Source: NC BRFSS (Behavioral Risk Factor Surveillance System)

Community Health Priorities

Obesity - Adults

% BC Adults Obese by Race

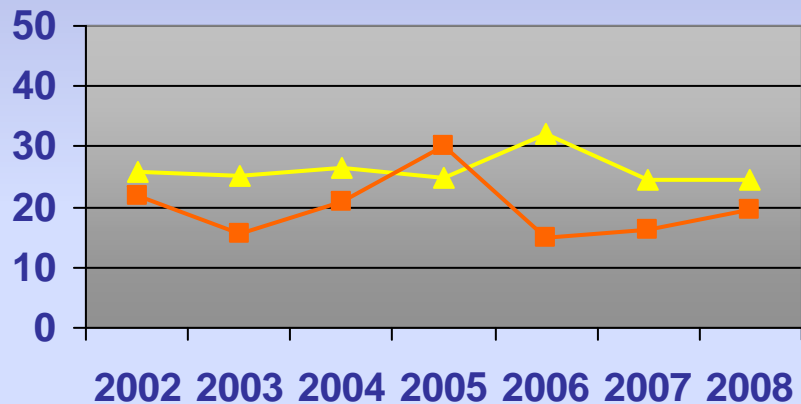


Source: NC BRFSS (Behavioral Risk Factor Surveillance System)

Community Health Priorities

Obesity - Adults

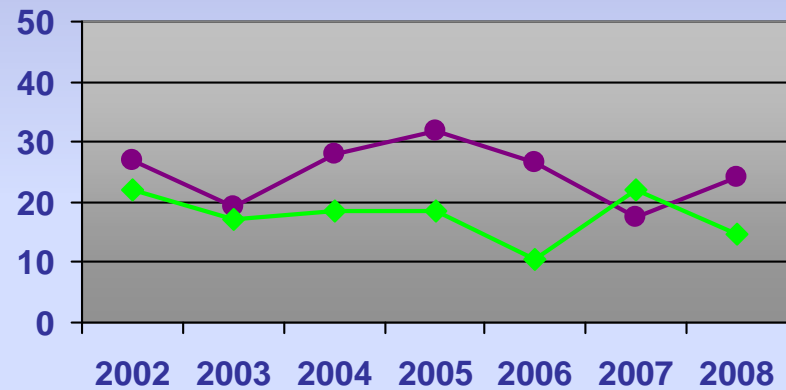
% BC Adults Obese by Education Level



▲ <= HS

■ Some College

% BC Adults Obese by Income



● <\$50,000

◆ \$50,000+

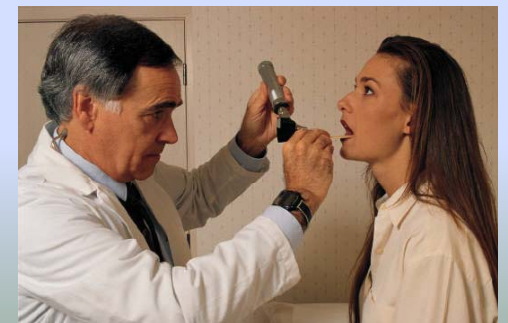
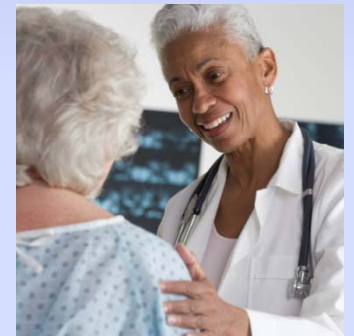
Source: NC BRFSS (Behavioral Risk Factor Surveillance System)

Access to Health Care & Insurance

Community Health Priorities Partner Update – Access to Healthcare

The Community Providers' Forum
continues to serve as a resource for:

- Sharing information between health care providers on changes in patient services
- Working through barriers in referrals for uninsured patients
- Helping uninsured & underinsured community members access care
- Safety Net services brochure is kept updated and is posted on-line at www.healthpartnerswnc.org



Community Health Priorities

Partner Update – Economic Access to Care

Expanding access to low-cost medical care

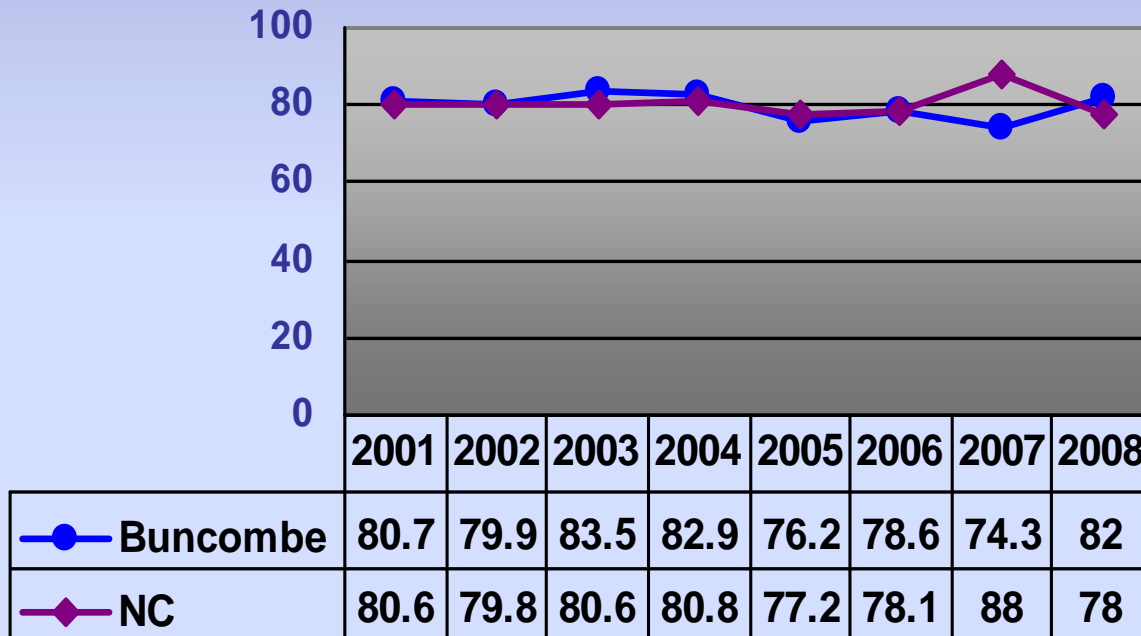
Transfer of care from the Health Center to WNC Community Health Services

- Starting in January 2010, Buncombe County will transfer its 10,000 patient primary care practice to WNCCHS, Asheville's Federally Qualified Health Center
- The transfer will allow our community to take advantage of additional federal dollars and extend primary care services to an estimated 5,000 additional buncombe County residents in 2010.
- The partnership with a federally funded Community Health Center will allow for enhanced reimbursement for services, reduced cost of prescription drugs and reduced cost in malpractice insurance, which increases funds to support an increase in services for un- and underinsured.

Community Health Priorities

Access to Healthcare

Percentage of Adults Ages 18 - 64 Reporting
A Primary Care Home

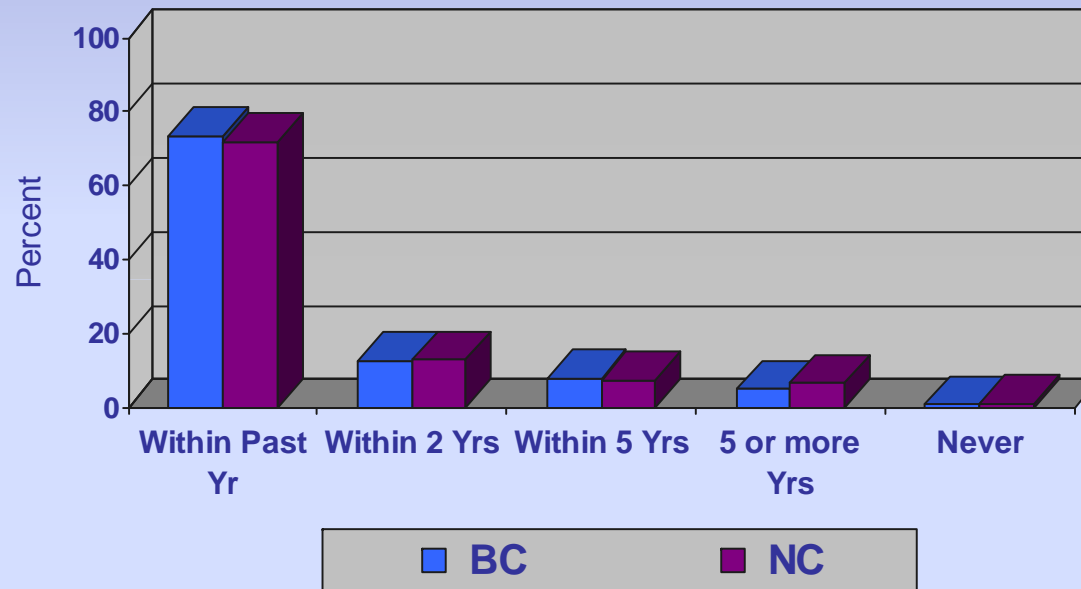


Source: NC BRFSS (Behavioral Risk Factor Surveillance System)

Community Health Priorities

Access to Healthcare

Percent Adults Who Visited a Doctor for Routine Checkup

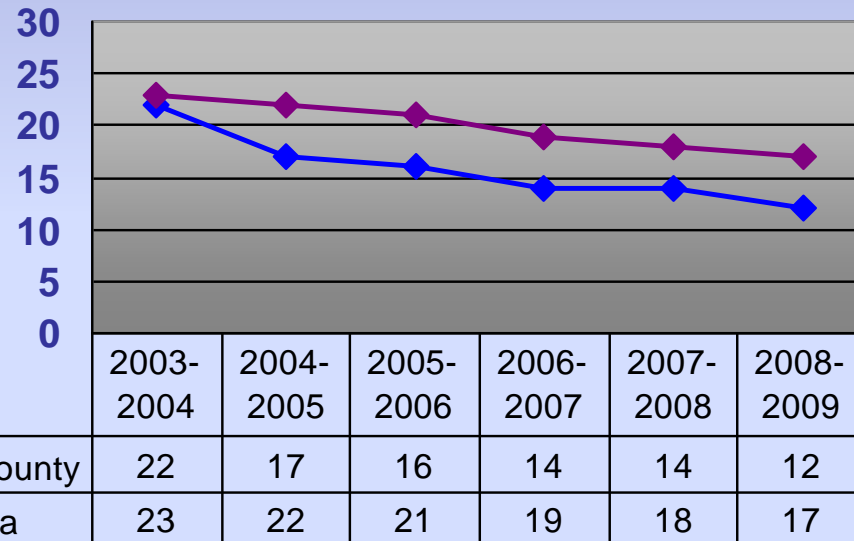
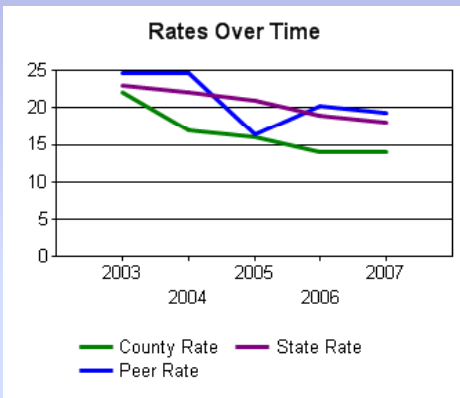


Source: 2008 NC BRFSS (Behavioral Risk Factor Surveillance System)

Community Health Priorities

Access to Dental Care

Percentage of Buncombe Kindergarteners With Untreated Dental Disease

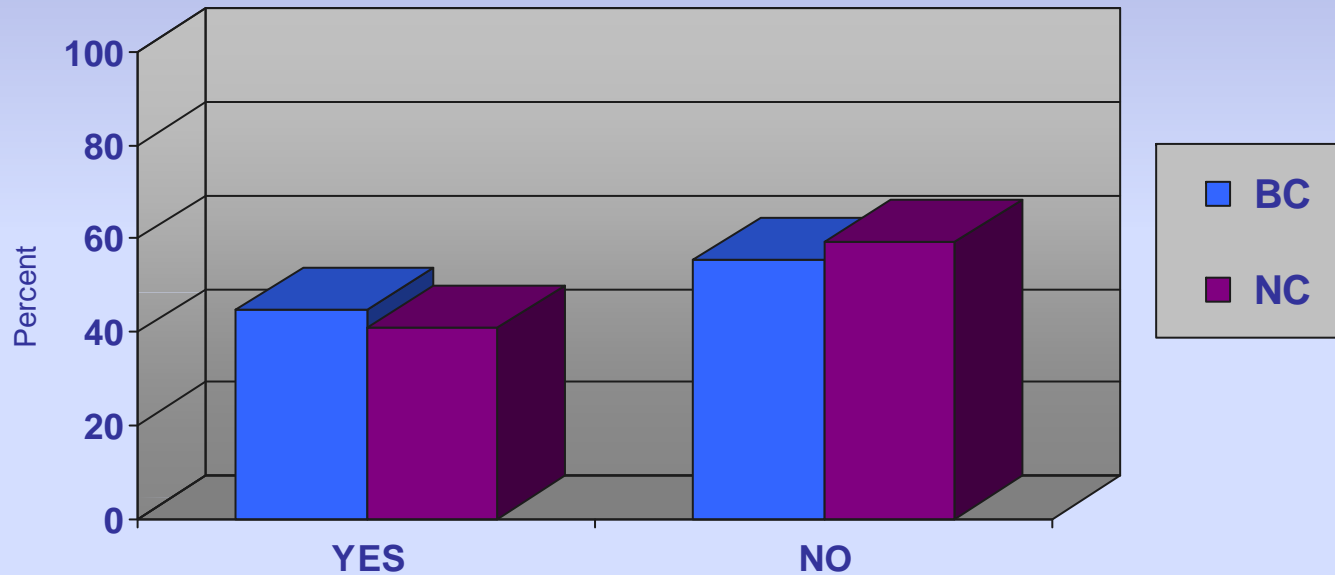


Source: NC Oral Health Data and NC CATCH Data

Community Health Priorities

Access to Preventive Services

Percent Adults Who Had a Flu Shot
This Past Year

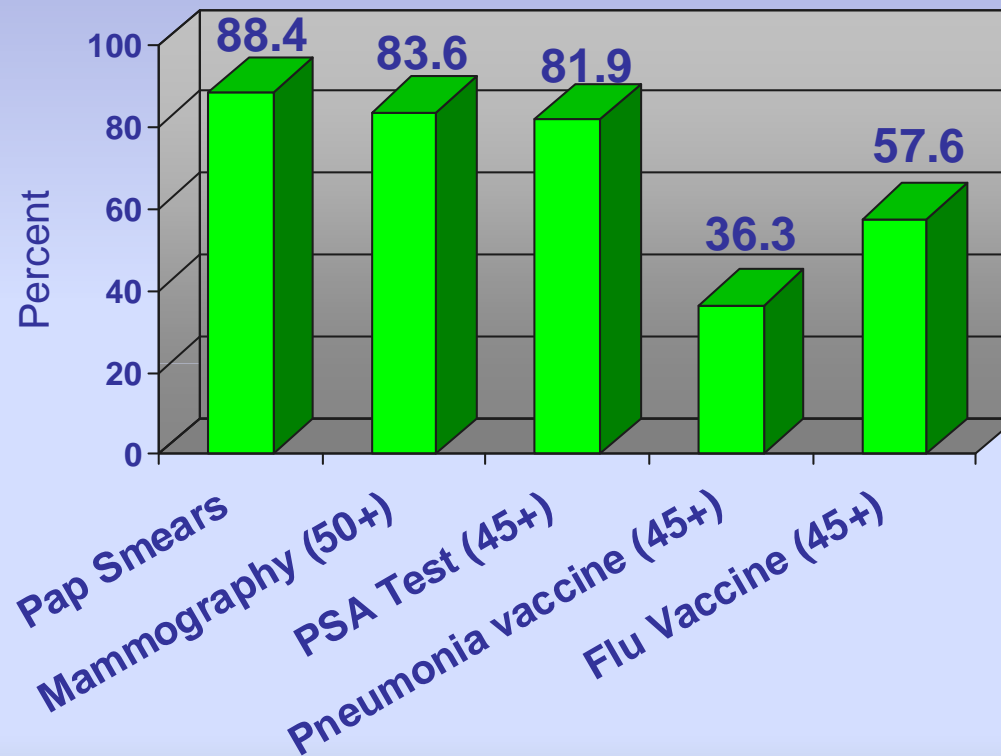


Source: 2008 NC BRFSS (Behavioral Risk Factor Surveillance System)

Community Health Priorities

Access to Preventive Services

Adult Preventive Service Use

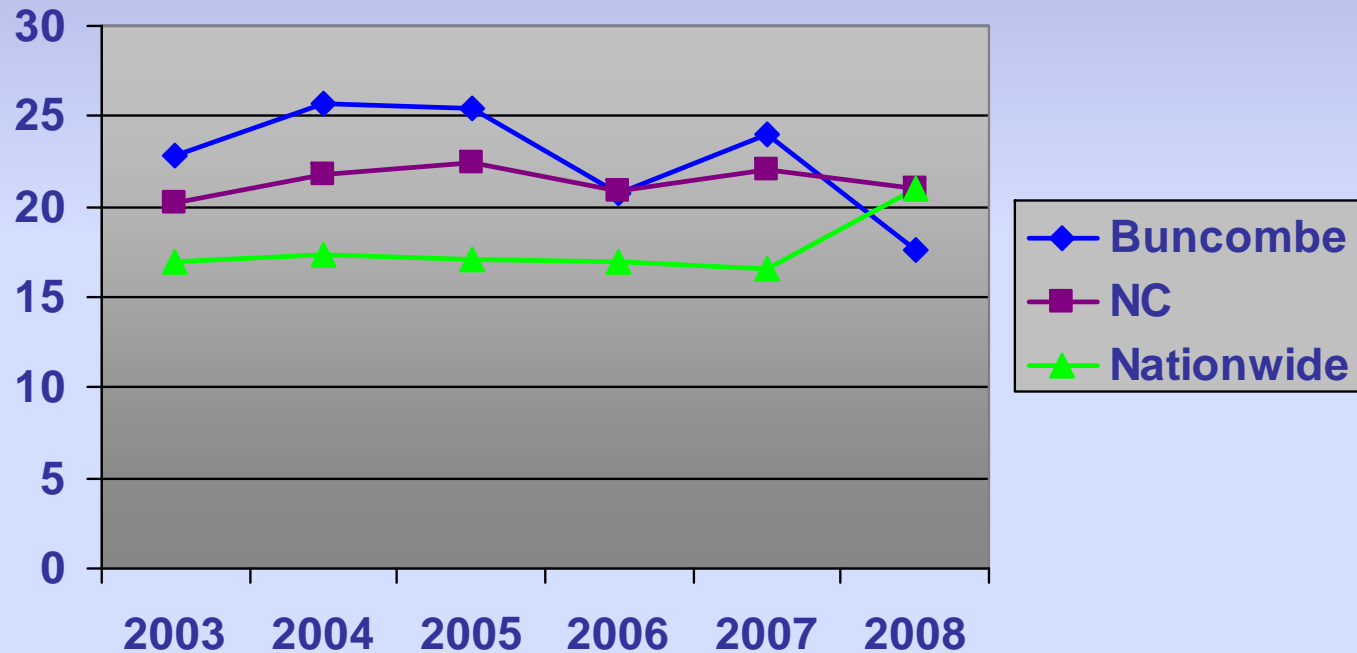


Source: 2008 NC BRFSS (Behavioral Risk Factor Surveillance System)

Community Health Priorities

Economic Access to Healthcare

Percentage of Adults ages 18 - 64
Reporting No Health Insurance Coverage

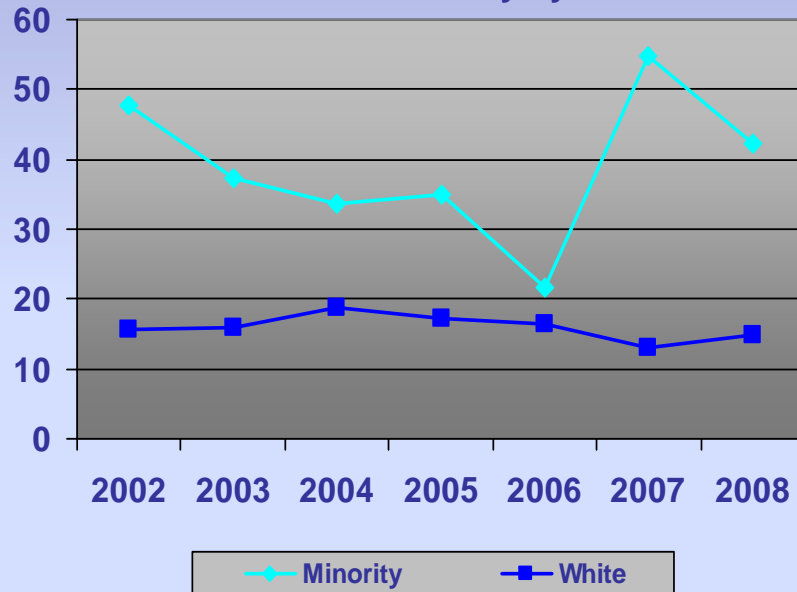


Source: US and NC BRFSS (Behavioral Risk Factor Surveillance System)

Community Health Priorities

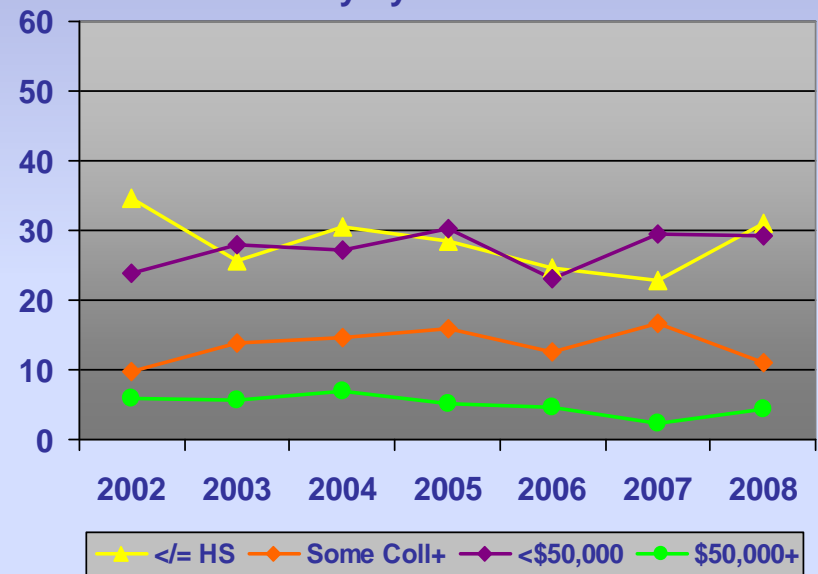
Economic Access to Healthcare

Adults Reporting No Health Care Coverage in Buncombe County by Race



Minority = 42.2%; C.I. (95%) ranges from 20.3 – 67.7%
 Sample size is < 20

Adults Reporting No Health Care Coverage in Buncombe County by Income and Education Level



Source: NC BRFSS (Behavioral Risk Factor Surveillance System)

Community Health Priorities

Economic Access to Healthcare

2006 Health Insurance Status in Buncombe County

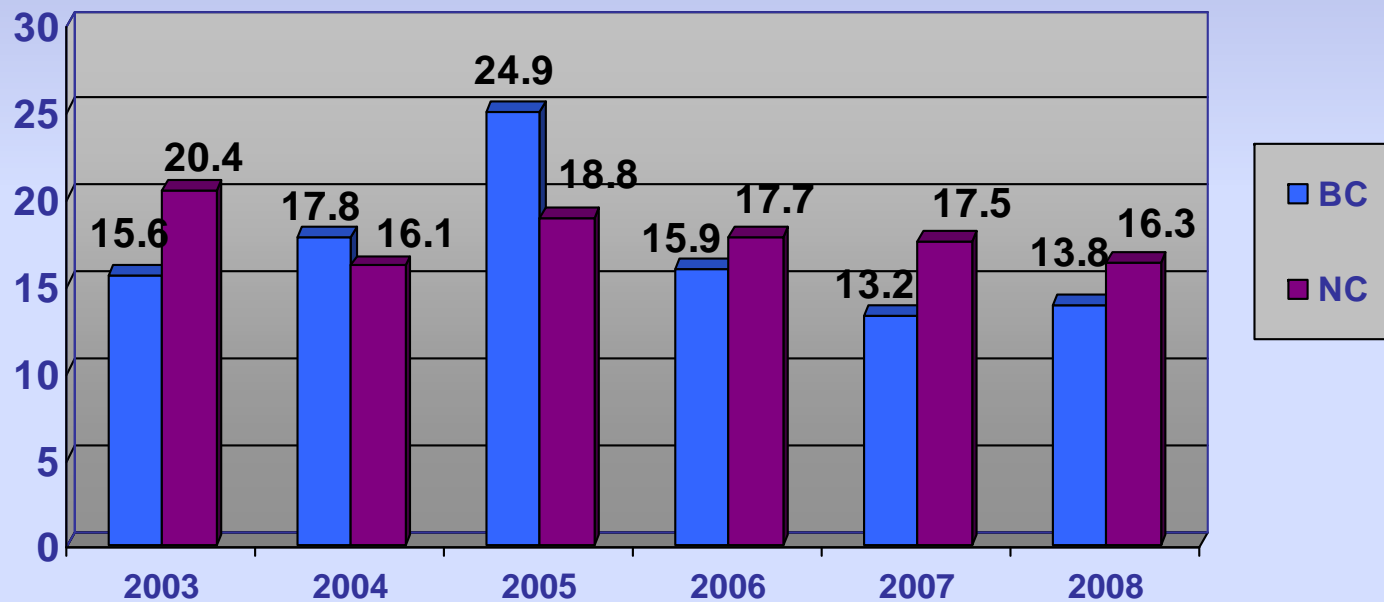
Category	Number
Total Population under 65 in Buncombe County	190,980
Total Uninsured under 65 in Buncombe County	36,879
% of under 65 in Buncombe County Uninsured	19.3
% of 18-64 year olds uninsured	21.8
% of under 65 year olds at or below 200% of poverty uninsured	31.8
18-64 year olds at or below 250% of poverty level uninsured	37.4

Source: Small Area Health Insurance Estimates, US Census, August 2009

Community Health Priorities

Economic Access to Healthcare

Percentage of Those Working for Wages
With No Health Insurance



Source: NC BRFSS (Behavioral Risk Factor Surveillance System)

Mental Health

Community Health Priorities Partner Update – Mental Health

- **Neil Dobbins Detoxification center and ARP/Phoenix**
 - The Neil Dobbins Detoxification Center is stabilizing patients so that they can stay in Buncombe County and do not need to be sent to Broughton State Hospital. To date in 2009, 263 individuals have been stabilized in our own community.
- **Crisis Intervention Training created for officers**
 - Western Highlands and other partners have created a 40 hour training course for law enforcement officers to teach them de-escalation skills when dealing with residents with mental health or substance abuse problems. In 2009, approximately 50 officers have participated in the training.
- **Integrated Care Collaborative (ICC)**
 - The ICC is a group working to encourage integrating behavioral health services into medical health services. This MAHEC group continues to engage new practices and expand options for care.

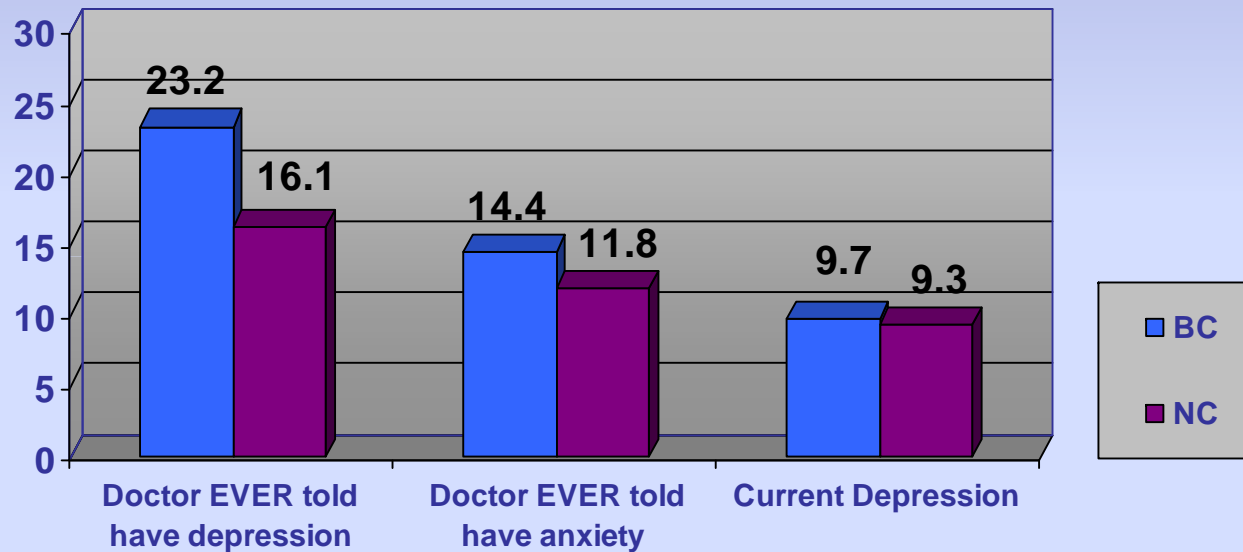
Community Health Priorities Partner Update – Mental Health

- **Diversion services at Buncombe County Jail**
 - Buncombe County has begun to fully implement both pre-booking and post-booking diversion programs at the Detention Facility to divert into treatment persons with mental illness and/or substance dependence. An estimated 7,290 saved days in jail is estimated for Fiscal year 2010.
- **Fast Track of SSI and SSDI eligibility**
 - Pisgah Legal Services has successfully implemented the SOAR Disability Project to fast-track SSI and SSDI eligibility for persons who are homeless or at risk for homelessness. In addition to a regular income, disability provides these persons with health insurance—Medicaid or Medicare

Community Health Priorities

Mental Health Care

Percentage Adults Experiencing Anxiety or Depression



Source: 2007 NC BRFSS (Behavioral Risk Factor Surveillance System)

NOTE: These are optional questions and are asked every two years.

**Health Equity
&
Health Parity**

Community Health Priorities

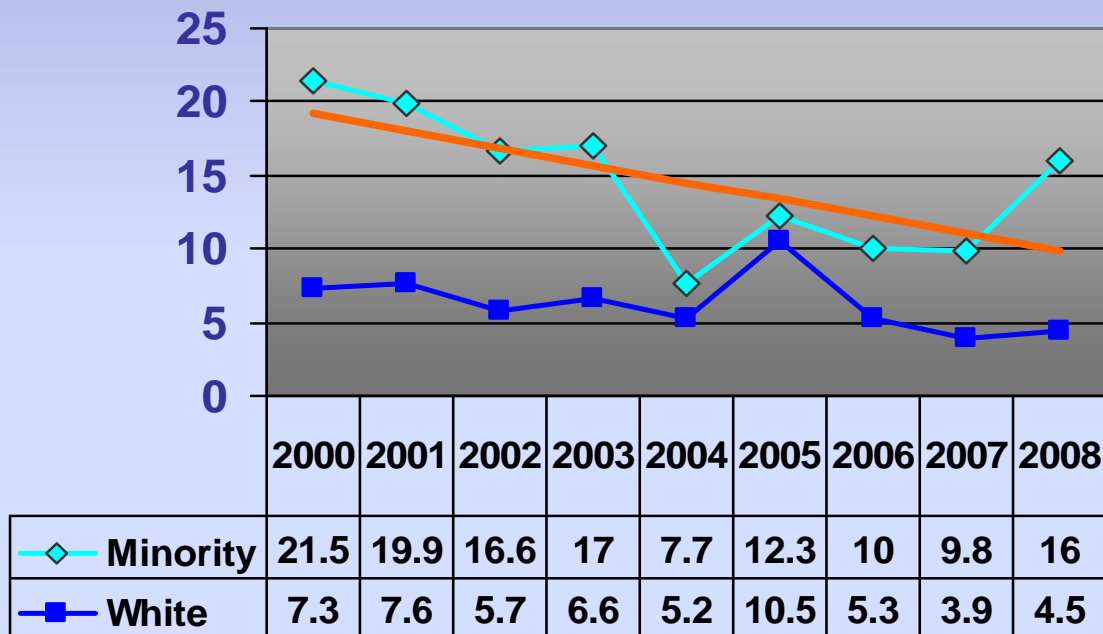
Partner Update – Health Equity & Health Parity

- **Health Equity Team** partnership between Health Partners, ABIPA and Just Economics
 - 2009 focus on increasing awareness by showing the *Unnatural Causes: Is Inequality Making Us Sick?* documentary as part of a Healthy Carolinians six-county initiative
 - Partnership building to develop a Buncombe County health equity consortium. Hosted the Dr. Charles E. Blair Health Equity and Parity conference in October as a key health equity awareness event in our community.
- **ABIPA (Asheville Buncombe Institute for Parity Achievement)** provides outreach, screenings, and case management focusing on heart disease, cancers and diabetes. Activities include, for example:
 - 100 men screened for prostate cancer
 - 20 women screened for breast cancer, 30 additional women educated about breast cancer
 - *Sista to Sista* breast cancer support group meeting held monthly for women of color

Community Health Priorities

Health Parity

Buncombe Infant Mortality Rate
per 1,000 Live Births

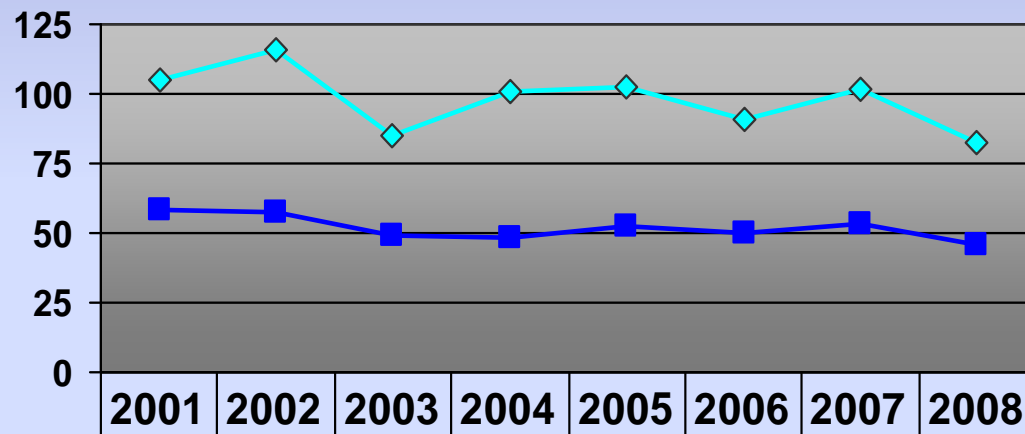


2008 - Total
number of
births = 2,738

Community Health Priorities

Health Parity

Buncombe Adolescent Pregnancy Rate
per 1,000, Ages 15-19



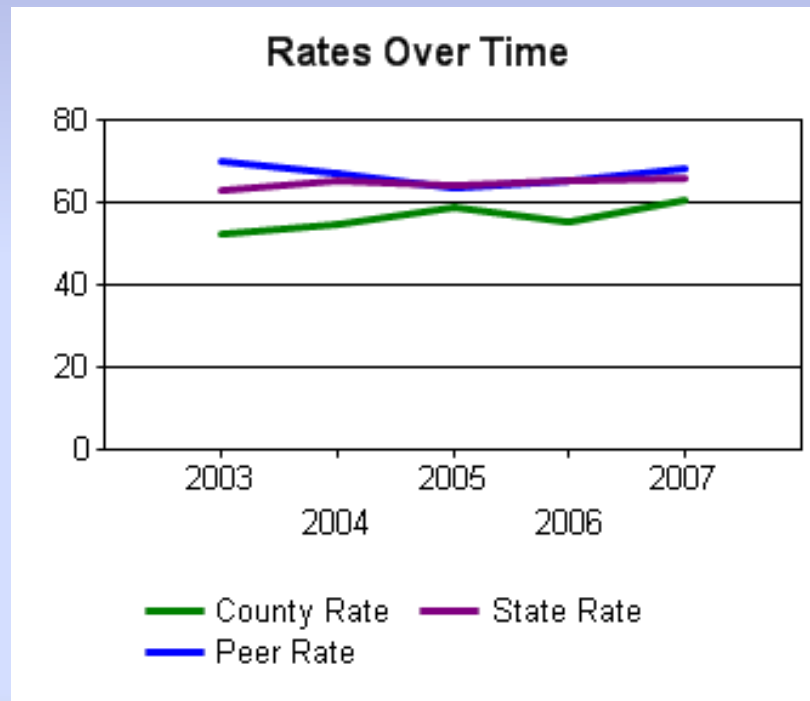
**2008 - Births
for ages 15 – 19
= 293**

◆ Minority	105	116	85.1	101	102	90.7	102	82.6
■ White	58.7	57.9	49	48.5	52.5	50.2	53.7	45.7

Community Health Priorities

Health Parity

Teen Pregnancy rate per 1,000 girls ages 15 – 19
Buncombe County Compared to State and Peer Counties



NC Peer Counties:

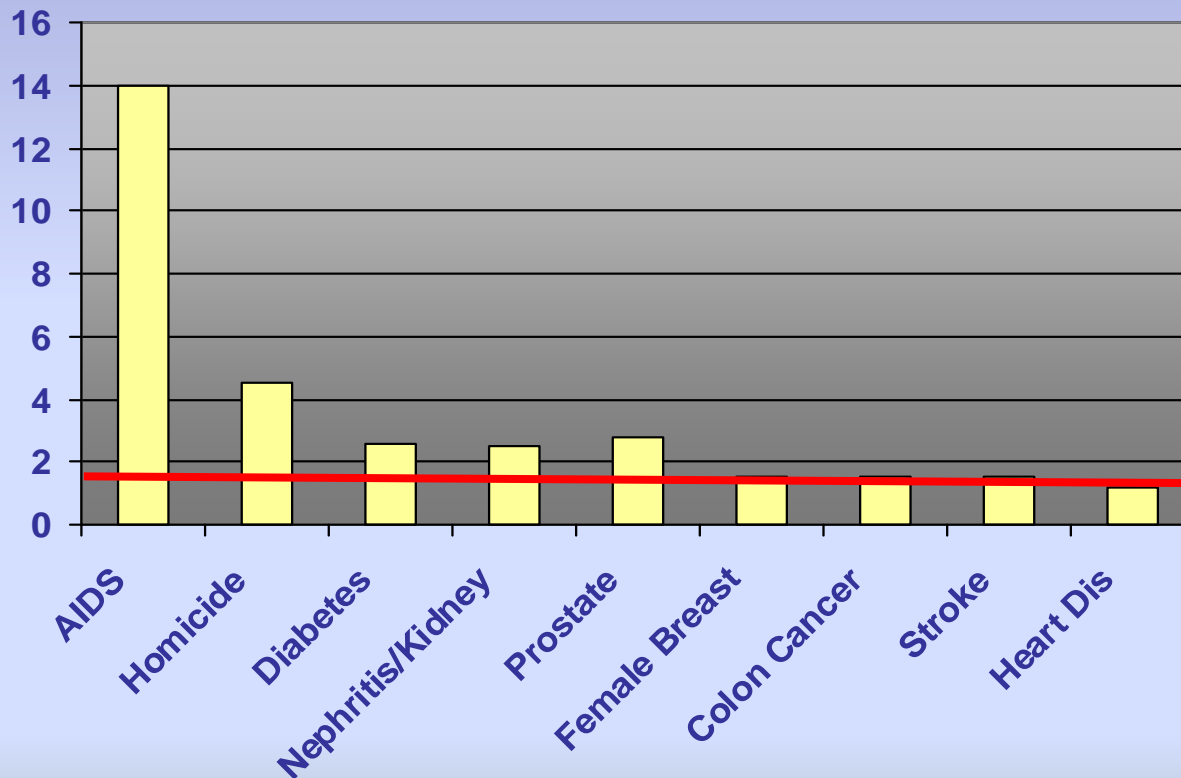
Burke, Davidson,
Randolph

Source: NC CATCH, Adolescent Health - Teen Pregnancy Data

Community Health Priorities

Health Parity

Buncombe Disparity Ratios Death Rates 2004 - 2008



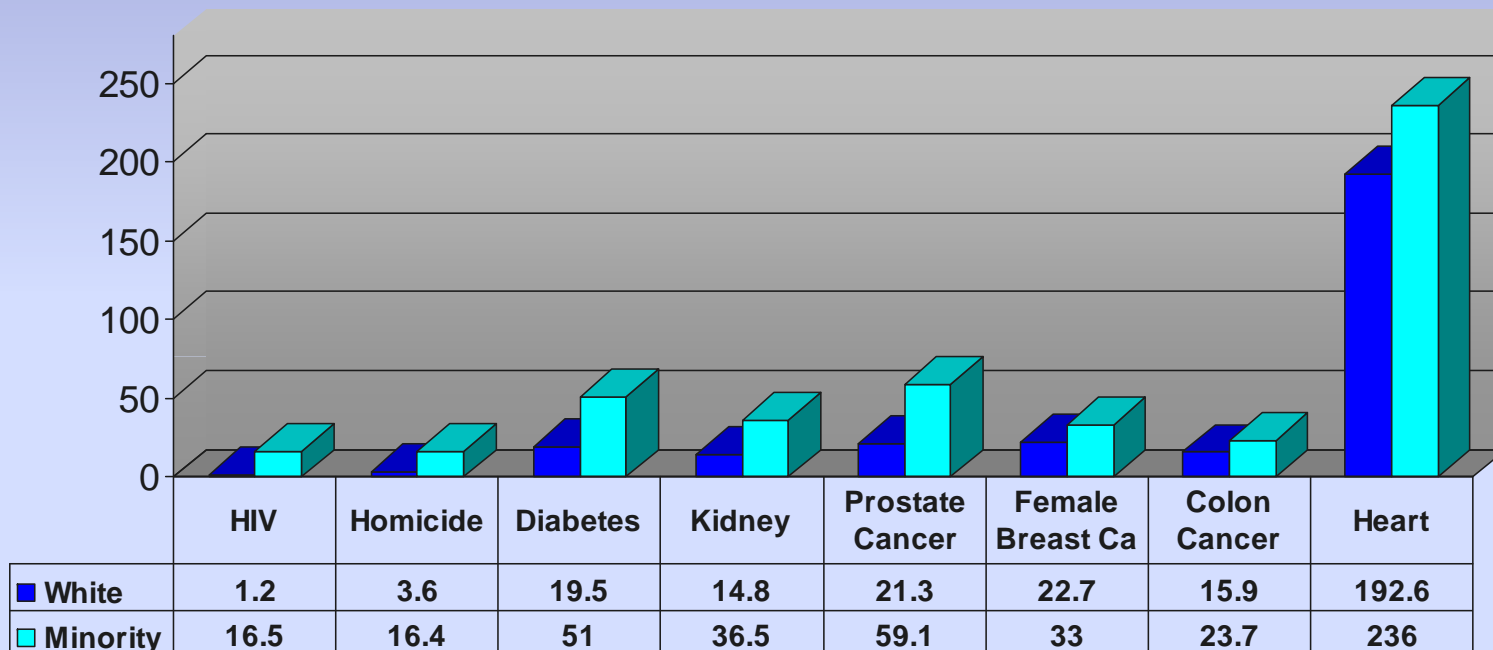
"2"
means
minority
death rate is
twice as high

Source: NC SCHS – 2010 County Health Data Book
Rates per 100,000 population and age-adjusted. Standard = US 2000 population

Community Health Priorities

Health Parity

2004 - 2008 Race-Specific Age-adjusted
Death Rates for Buncombe County



Source: NC SCHS – 2010 County Health Data Book
Rates per 100,000 population and age-adjusted. Standard = US 2000 population

Community Health Priorities

Health Parity

Vulnerable populations may face unique health risks and barriers to care, requiring enhanced services and targeted strategies for outreach and case management.

Vulnerable Populations Include People Who¹:	
Have no high school diploma (among adults age 25 and older)	27,490
Are unemployed	4,937
Are severely work disabled	6,525
Have major depression	13,118
Are recent drug users (within past month)	14,647
¹ The most current estimates of prevalence, obtained from various sources were applied to 2005 mid-year county population figures	

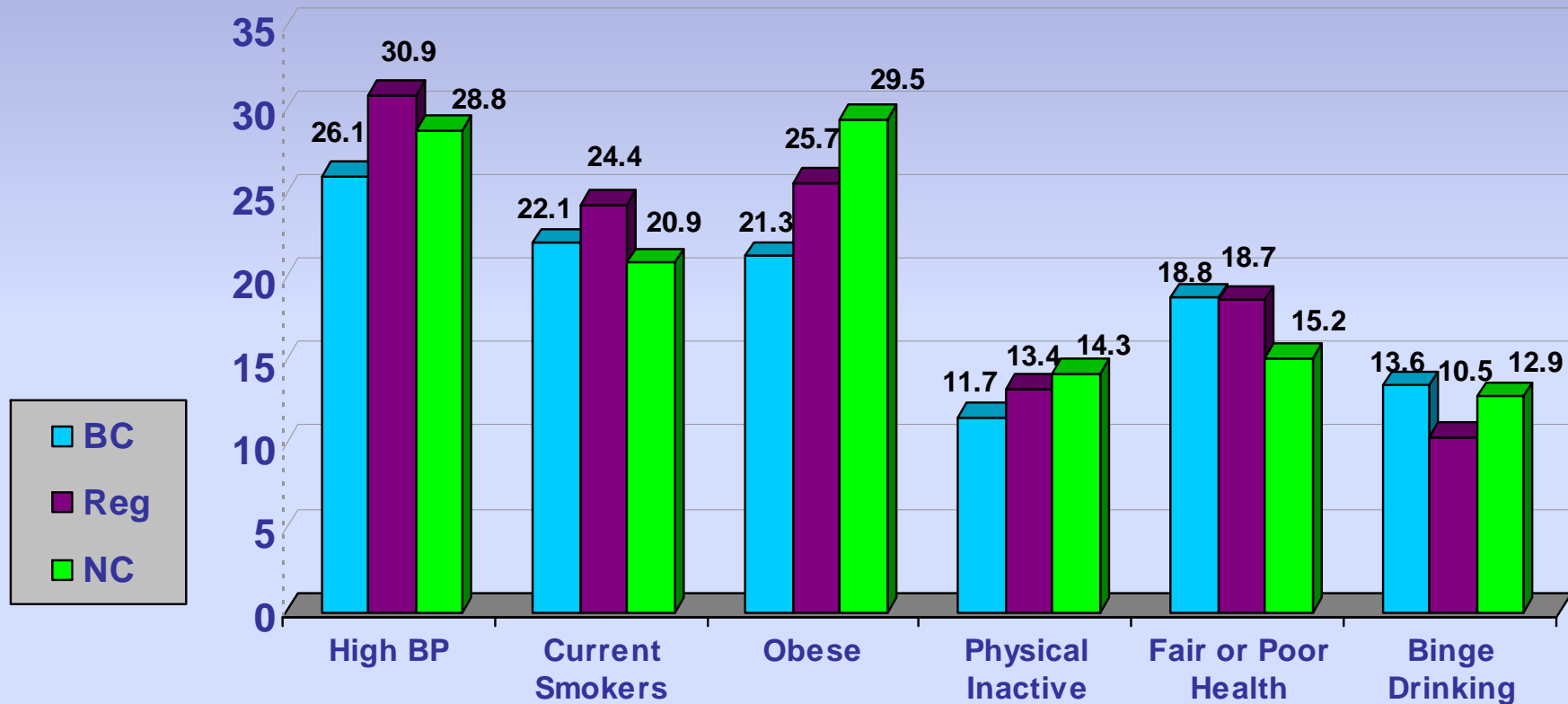
Leading Causes of Death

2008 Leading Cause of Death	Minority			White		
	Rank	#	%	Rank	#	%
Diseases of the heart	1	39	23	1	484	23
Cancer	2	38	22	2	451	21
Cerebrovascular disease	3	12	7	4	128	6
Chronic lower respiratory diseases	4	8	5	3	163	8
Nephritis and kidney diseases	5	8	5	8	39	2
Homicide	6	6	4			
Alzheimer's disease	7	4	2	5	113	5
Diabetes mellitus	8	4	2	10	32	2
Influenza and pneumonia	9	4	2	7	45	2
Aortic aneurysm	10	3	2			
All other unintentional injuries				6	78	4
Chronic liver disease and cirrhosis				9	32	2
All other causes		44	26		552	26

Source: NC State Center for Health Statistics, 2010 County Health Data Book

Behavior Risk Factors

Selected Behavior Risk Factors for Adults by Percent



Source: NC CATCH 2007 & 2008 BRFSS (Behavioral Risk Factor Surveillance System)

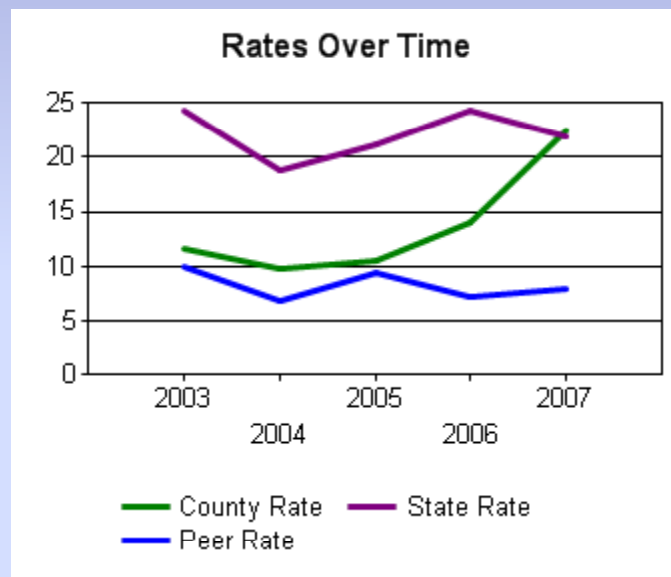
Communicable Disease Trends

Selected Reportable Communicable Diseases, Buncombe County	October Y-T-D 2008	October Y-T-D 2008	October Y-T-D 2007
AIDS	9	18	21
HIV Infection (state reporting standards will change #'s)	45	30	59
Gonorrhea (all categories)	127	195	214
Chlamydia	533	672	523
Nongonococcal urethritis (NGU)	27	93	100
Syphilis, Primary	8	7	1
Syphilis, Secondary	3	1	0
Syphilis, Latent (all categories)	14	11	8
Hepatitis A	0	1	2
Hepatitis B, Acute	2	2	8
Hepatitis B, Carrier	15	7	20
Influenza, Novel Virus	38		
Lyme Disease	6	5	1
Rocky Mountain Spotted Fever	7	2	8
Streptococcal Infection, Group A	6	9	5
Tuberculosis	6	7	14
Whooping Cough	8	2	12

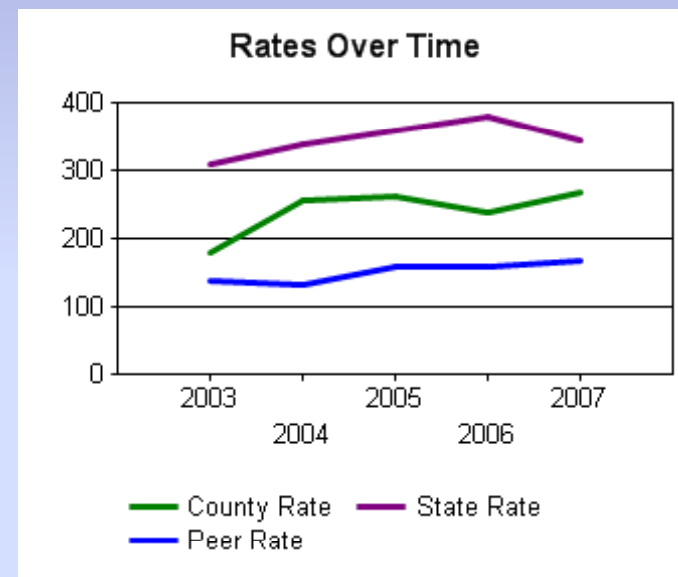
Source: BC Health Center – FY 10 Monthly Morbidity Summary Report

Communicable Disease

**Buncombe County
HIV Disease rate per 100,000**



**Buncombe County
Chlamydia rate per 100,000**



Emerging Issues

- Beginning Jan 1, 2010, over 19,000 un/underinsured patients at BC Health Center will transition their primary care home to WNC Community Health Services.
- For the second consecutive year there is a slight rise in the number of Syphilis cases, which merits careful monitoring and increased public information.
- H1N1 flu vaccine distribution & public information continue as the number of cases continues to rise.
- The number of unemployed and uninsured increases demand on our public health, safety & emergency services.

Data Sources

- NC CATCH (NC health data warehouse)
- US, NC and BC BRFSS (Behavior Risk Factor Surveillance Study)
- NC Vital Statistics
- County Health Data Book
- NC Oral Health Data and Report
- CHSI – Community Health Status Indicator Report
- BC School Health Advisory Council – BMI Data and Report
- BC Health Center – Monthly Morbidity Summary Report
- US Census

For More Information

- **Buncombe County Health Center**

Gaylen Ehrlichman

(828) 250-5045

www.buncombecounty.org

- **Health Partners**

J. Nelson-Weaver

(828) 250-5205

www.healthpartnerswnc.org

Report Dissemination Plan

- Board of Health meeting by Jan 2010
- County Commissioner agenda by Mar 2010
- Health Partners annual meeting in Spring 2009
- Websites: www.healthpartnerswnc.org and www.buncombecounty.org
- BC Health & Human Services management teams
- News release, newsletters and area publications (local media, BC Government e-zine & public access TV programming, Mission SCOPE, Health Partners e-newsletter, etc)
- Public Libraries (hard copy)
- School Libraries (hard copy)