

STATE OF THE COUNTY HEALTH REPORT FOR 2009

**Craven County Health Department
And
Healthy Carolinians of Craven and
Pamlico Counties**

State Of The County Health Report

- Update of Craven County's health statistics.
- Review of the selected health priorities.
- Progress made in the last year.
- Community input regarding selected health priorities and progress made.

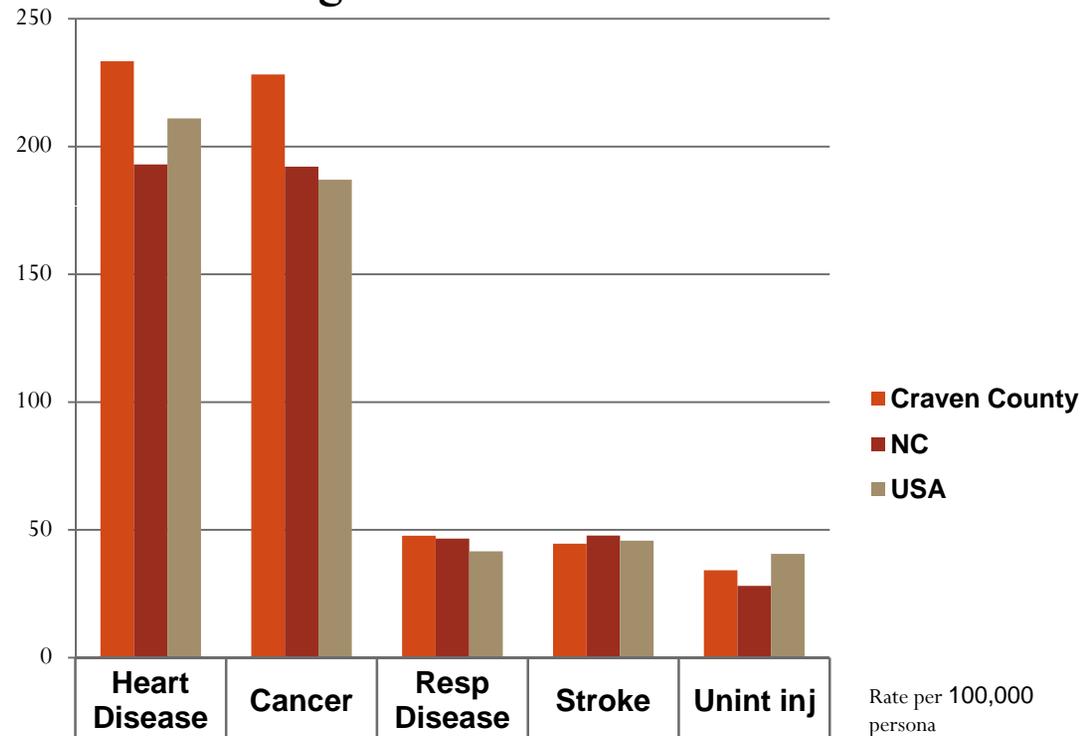
Community Assessment

- Process to determine the major health concerns in the county.
- Gives statistical data on how the county ranks compared to North Carolina's rates and National rates.
- Craven County community assessment completed in 2007.
- New Assessment to be completed in 2011.

Leading Causes of Death

- Heart Disease once again surpasses Cancer as leading cause of death in Craven County.
- Heart Disease, Cancer, and Resp. Disease rates exceed State and National rates.
- Respiratory Disease third leading cause of death in Craven County.
- Stroke third for State and nation

Leading Causes of Death 2007



| | Heart Disease | Cancer | Resp Disease | Stroke | Unint inj |
|----------------------|---------------|--------------|--------------|-------------|-------------|
| Craven County | 233.4 | 228.2 | 47.7 | 44.6 | 34.2 |
| NC | 193 | 192.1 | 46.6 | 47.8 | 28.1 |
| USA | 211 | 187 | 41.6 | 45.8 | 40.6 |

Rate per 100,000 persons

USA data 2006

Cancer Incidence in Craven County 2002-2006 per 100,000 Persons

| Site | North Carolina | Craven County |
|---------------|----------------|---------------|
| Colon/Rectum | 48.4 | 53 |
| Lung/Bronchus | 75 | 86.7 |
| Female Breast | 147.2 | 151.8 |
| Prostate | 153.2 | 200.7 |
| All Cancers | 477 | 549.3 |

NC Cancer Registry

Cancer rates all exceed state and national rates. NC ranks 36th out of 50 for Cancer Incidence Nationally.

Tobacco Use in Craven County

- 30% of adults currently smoke cigarettes.
- 62.1% of high school students and 33.5% of middle school students in this region have tried tobacco.
- 15.1% of women smoke while pregnant.
- Smoking rates greatest among young adults 18-24 years of age.
- Smoking highest among groups with lower educational attainment and lower income.
- 60% of Craven and surrounding county adults have made a serious quit attempt.

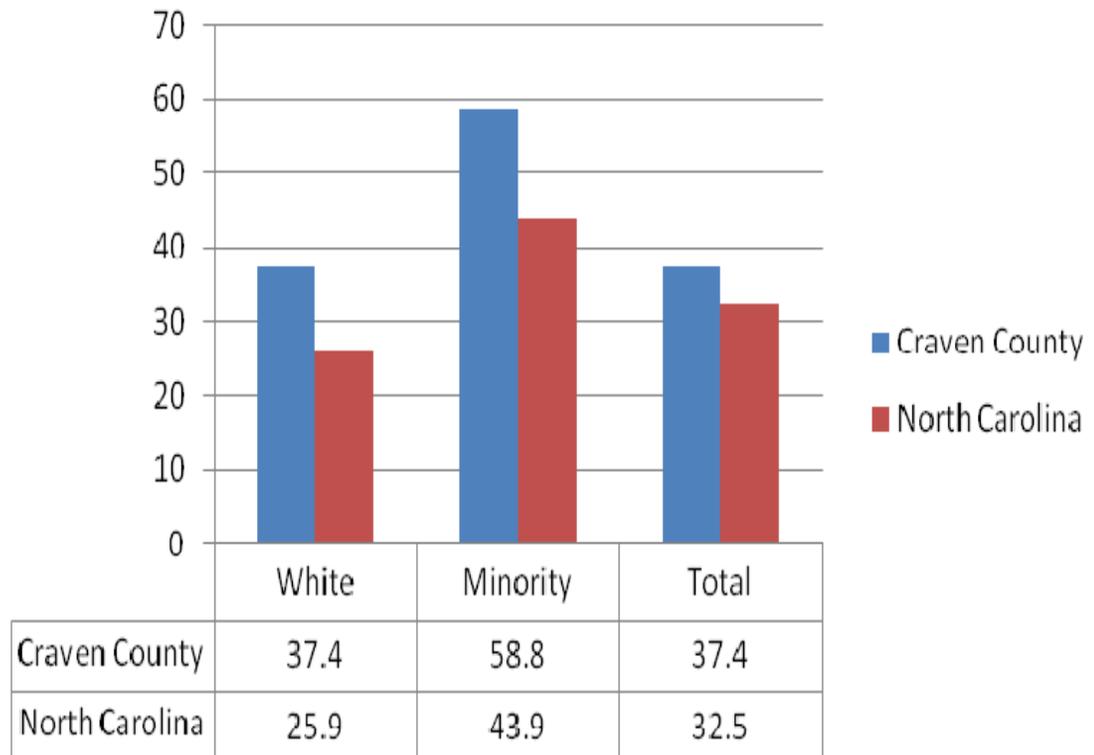
Infant Mortality

| | Year | White Rate | Minority Rate | Total Rate |
|----------------|------|------------|---------------|------------|
| Craven County | 2008 | 5.8 | 13.3 | 8.1 |
| | 2007 | 7.9 | 19.4 | 11.2 |
| | 2006 | 6.8 | 8.8 | 7.4 |
| | 2005 | 5.4 | 12.0 | 7.2 |
| | 2004 | 6.3 | 13.0 | 8.2 |
| | | | | |
| North Carolina | 2008 | 6.0 | 13.5 | 8.2 |
| | 2007 | 6.3 | 13.9 | 8.5 |
| | 2006 | 6.0 | 13.6 | 8.1 |
| | 2005 | 6.4 | 14.9 | 8.8 |
| | 2004 | 6.2 | 15.6 | 8.8 |

Teen Pregnancy

- 15-17 year old rates decreased from 2007-2008.
- 15-19 year old rates also decreased from 2007-2008 with the exception of the minority rate.
- Craven County rates routinely exceed state rates.
- Minority rates are consistently higher than white rates.

2008 Teen Pregnancy Rate for Women 15-17

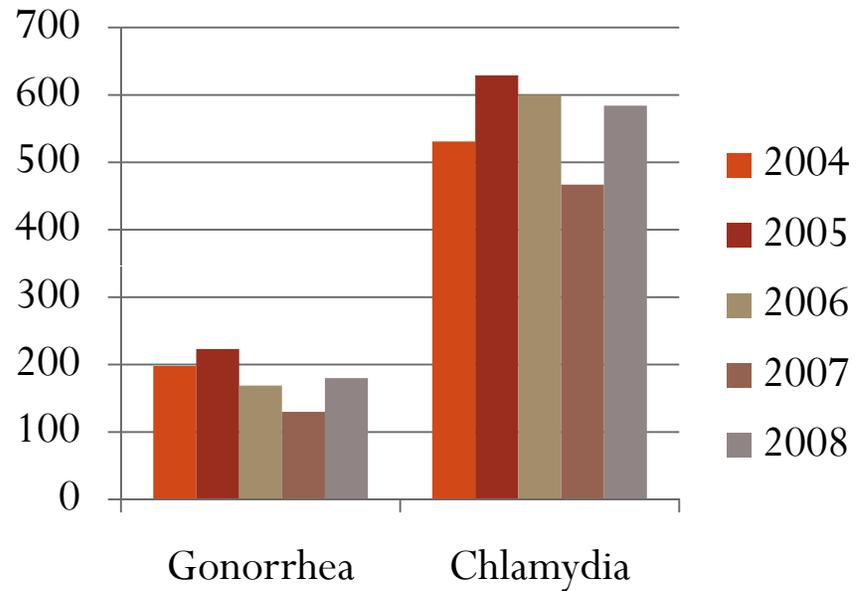


Other Maternal Child Data

- Craven County live birth rate is 16.7 per 1,000 women compared to 14.4 per 1,000 women for the state of NC and 14.3 per 1,000 women nationally.
- Low birth weight rate in Craven County is 8.6% compared to 9.2% for the state of NC and 8.2% per 1,000 women nationally.
- Immunization Rates : The 2008 immunization rate for children appropriately immunized by age 24 months was 94% . We consistently exceed state immunization rates.
- Lead Screening: In 2008 58.8% of 1-2 years olds were tested for elevated lead levels as compared to a statewide average of 46.8%.

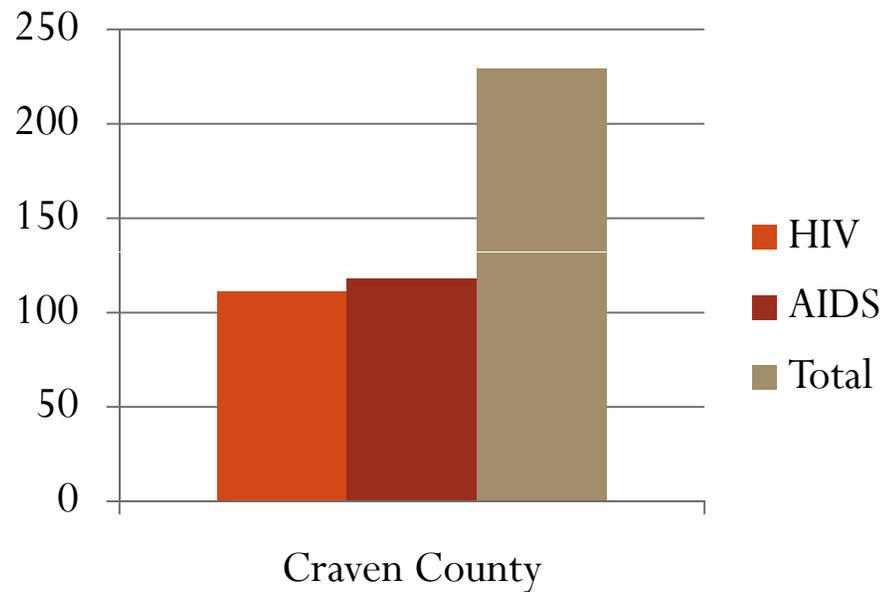
Gonorrhea & Chlamydia Cases 2004-2008

Gonorrhea & Chlamydia cases
Decreased in 2007 but increased in
2008



| Craven County | 2004 | 2005 | 2006 | 2007 | 2008 |
|------------------|--------|--------|--------|--------|--------|
| Gonorrhea | 198 | 223 | 169 | 130 | 180 |
| Chlamydia | 531 | 629 | 600 | 467 | 584 |
| NC | | | | | |
| Gonorrhea | 15,198 | 15,069 | 17,309 | 16,659 | 14,866 |
| Chlamydia | 28,998 | 31,185 | 33,614 | 30,612 | 37,555 |

Craven County HIV/AIDS Cases Living as of 2008



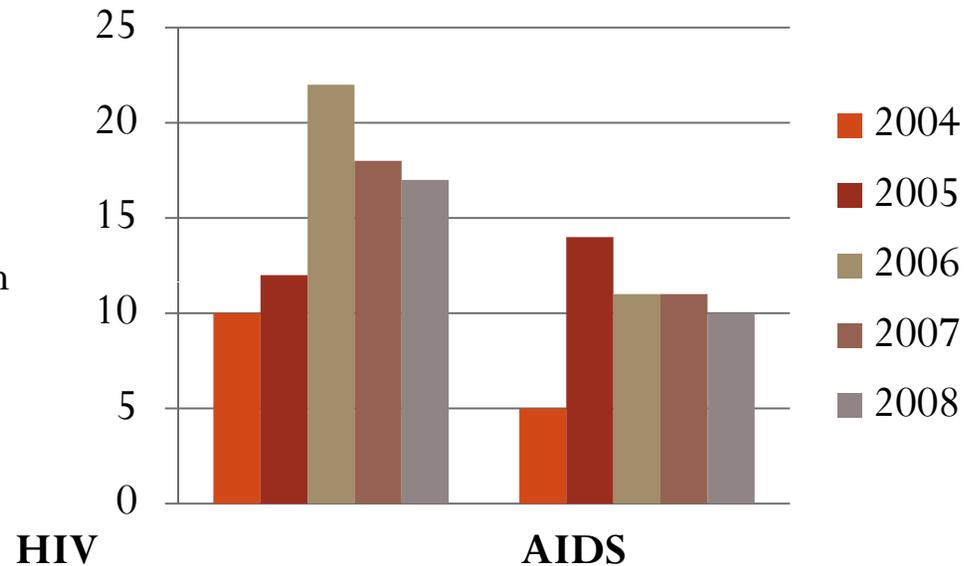
Craven County

| HIV | AIDS | Total |
|-----|------|-------|
| 111 | 118 | 229 |

*Total includes cases with unknown county of residence at diagnosis or cases that were diagnosed at a long-term care facility such as prisons

HIV and AIDS Cases 2004-2008

There has been a slight decrease in both HIV & AIDS cases over past couple of years due to reclassification of the disease.



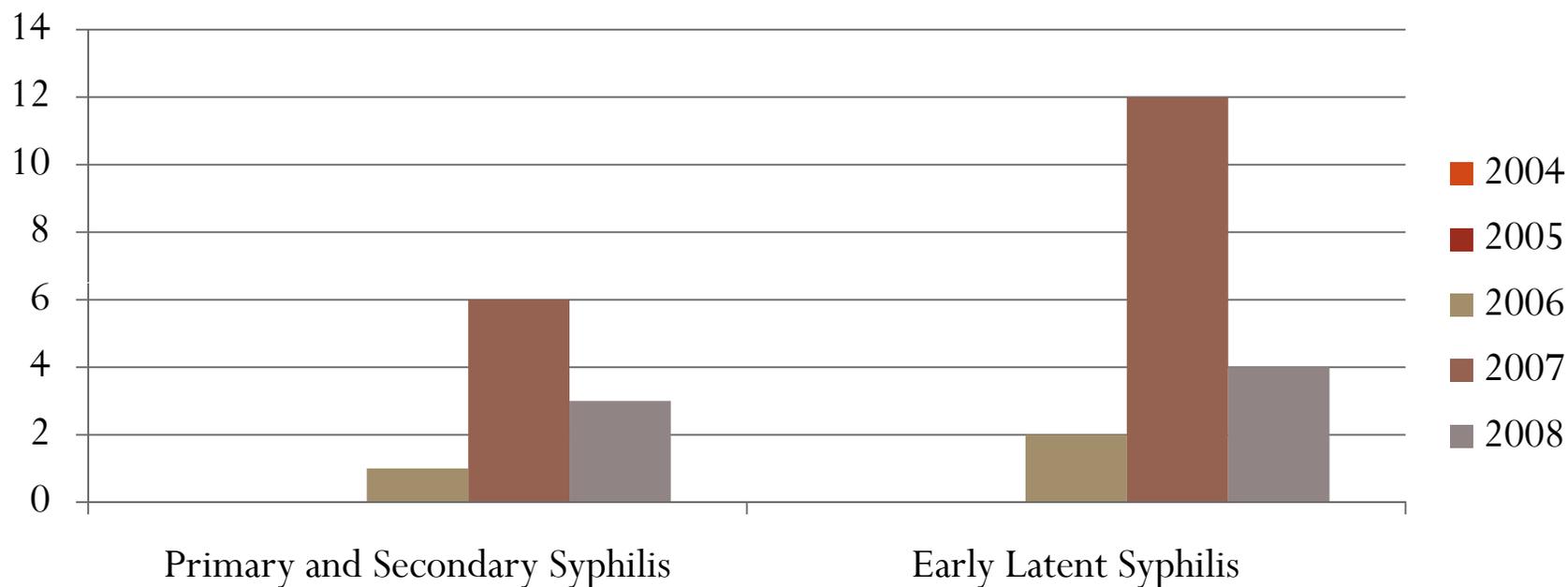
| Craven County | 2004 | 2005 | 2006 | 2007 | 2008 |
|---------------|------|------|------|------|------|
| HIV | 10 | 12 | 22 | 18 | 17 |
| AIDS | 5 | 14 | 11 | 11 | 10 |

Total: HIV 79 Cases

Total: AIDS 51 Cases

HIV Disease includes all newly diagnosed HIV infected individuals by the date of first report (HIV or AIDS)

Primary, Secondary & Early Latent Syphilis Cases 2004-2008



| Craven County | | 2004 | 2005 | 2006 | 2007 | 2008 |
|------------------------------|--|------|------|------|------|------|
| Primary & Secondary Syphilis | | 0 | 0 | 1 | 6 | 3 |
| Early Latent Syphilis | | 0 | 0 | 2 | 12 | 4 |
| North Carolina | | 2004 | 2005 | 2006 | 2007 | 2008 |
| Primary & Secondary Syphilis | | 192 | 274 | 309 | 324 | 287 |
| Early Latent Syphilis | | 453 | 489 | 602 | 569 | 509 |

Obesity

- According to the 2008 BRFSS for Eastern NC 65.7% of respondents reported being overweight or obese.
- According to the NC Nutrition and Physical Activity Surveillance System 14.9% of Craven County children 2-18 years of age are overweight and 18.3% are obese.
- In 2008 NC ranked 8th worst in the nation for adult obesity.

Socioeconomic Data

- Unemployment rates have increased in Craven County from 6.8% in October of 2008 to 10.3% in October of 2009.
- Multiple businesses have closed due to tough economic times.
- Number of uninsured citizens continues to rise with the increase in unemployment.
- In 2007 13.9% of Craven County citizens living below poverty.
- We have seen the number of patients in our clinics steadily increase over the last year.

Environmental Health

- We have no major industries in Craven County that create air quality issues; however, our 2007 rate of hospital discharges with a primary diagnosis of asthma is 162.9 per 100,000 persons and exceeds the state rate of 116.2 per 100,000 persons. Craven County rate increased from 06-07 while the NC state rate decreased.
- Craven County experienced a large fish kill this year, however, all of the scientific evidence points to low dissolved oxygen in the water.
- Poor soils in the county make permitting of septic systems difficult, especially as the county grows and becomes more developed. Repair of old systems can be a challenge also.

H1N1

- First cases identified in the United States in April 2009.
- Craven County had the first NC cluster of H1N1 cases in May 2009. These cases were in a group of Marines from Cherry Point.
- Craven County experienced the only school closing in NC due to H1N1.
- We began vaccination efforts in October of 2009 inoculating only those persons on the CDC's list of target groups. In December of 2009 vaccination was made available to all.
- 2nd wave of H1N1 is winding down but we anticipate a third wave during our traditional flu season of January – March.

Priorities

1. Obesity
2. Cancer
3. Tobacco Use
4. Heart Disease
5. Teen Pregnancy

Progress Made

- **Obesity**

1. Childhood Obesity Initiative: 12 week program offering an initial medical work up followed by 10 weeks of one hour classes that included a healthy snack, nutrition education, exercises and an incentive that coincided with the topic of the day. Each session ended with a medical work up and an evaluation of progress made. This program began Jan. 2009. Unfortunately we did not have any great success stories. The no show rate was high.
2. Maps of walking trails available in Craven County placed on the Health Department web site and hard copies prepared for distribution throughout the county.

Progress Made

- **Cancer**

1. Dr. Barnwell will continue with his Prostate Cancer initiative in collaboration with CEMC. He travels to African American churches throughout Craven, Pamlico and Jones counties teaching the importance of prostate cancer screening and early diagnosis. This year 222 men were screened.
2. The Breast and Cervical Cancer Control Program has received grant funding from the CRMC Foundation to allow us to expand the availability of services beyond state funding.

Progress Made

- **Tobacco Use**

1. We applied for and were awarded a grant from the Health and Wellness Trust Fund for \$282,000 over three years to focus on teen tobacco use.
2. Craven County government buildings went tobacco free as of November 20, 2008.
3. CarolinaEast Medical Center went tobacco free July of 2009.
4. Two large physician practices chose to go tobacco free.
5. N.C. Bars and Restaurants will go smoke free Jan. 1, 2010

Progress Made

- **Heart Disease**

The Health Department received a grant from the CRMC Foundation for \$4,500.00 to purchase new state of the art CPR equipment and a new AED. We offer CPR classes not just to required staff such as nurses but to any employee who would like to be certified.

- **Teen Pregnancy**

A group of community partners came together to collaborate on a teen pregnancy grant and curriculum. We have identified a program called Teen PEP and are working to implement this program in the school system for 2010.

Other Initiatives

- **HIV/STI**

1. The Health Department in partnership with the Craven County Jail initiated HIV, Syphilis, and Hepatitis C testing of inmates. We have also expanded the program into community settings. The program began in August of 2008 and to date we have tested 856 individuals. We have identified 6 positive for HIV, 41 positive for Hepatitis C and 2 positives for Syphilis.
2. Dr. Barnwell working with the African American Churches to decrease the incidence of HIV and STI's using a faith based curriculum.

- **Adult Asthma Program**

1. Asthma Coalition applied for Kate B. Reynolds grant to fund implementation of "Live Well Breathe Well" Asthma program for adults but was not funded. We will try again this year with another funding source.
2. Adult Asthma classes initiated at Merci Clinic and other venues across Craven, Pamlico and Jones Counties

Health Department Programs

ADULT HEALTH

- Maternity
- Family Planning
- Sexually Transmitted Infections
- Communicable Disease
- Breast and Cervical Cancer Control
- Tuberculosis
- Adult Health Immunizations
- Refugee Health
- Maternity Care Coordination

Health Department Programs

CHILD HEALTH

- Primary Care
- Well Child Visits
- Immunization Clinic
- Child Service Coordination
- Childhood Obesity Program
- Cardiac Clinic once a month
- Pediatric Lead Level Testing
- Mobile Dental Unit

Health Department Programs

HEALTH EDUCATION

- HIV/STD education counseling and nontraditional testing
- Health Promotion
- Tobacco Prevention and Control
- Teen tobacco program

NUTRITION

WIC

HOME HEALTH AND HOSPICE

Health Department Programs

ENVIRONMENTAL HEALTH

- Food and Lodging
- On Site Waste Water
- Pediatric Asthma and Lead
- Indoor Air Quality
- Vector Control
- Animal Control

Healthy Carolinians of Craven and Pamlico Counties

- A Healthy Carolinians Task Force
- A coalition of various community, health care and business members.
- We address health care concerns in Craven and Pamlico Counties.
- We invite you to join our coalition!



Questions and Comments

- We value your input and welcome any questions or suggestions. Please feel free to e-mail us at **www.health@cravencounty.com** or call 636-4920 .

