

# **STATE OF THE COUNTY HEALTH REPORT FOR 2010**

**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 begin Jan. 2011

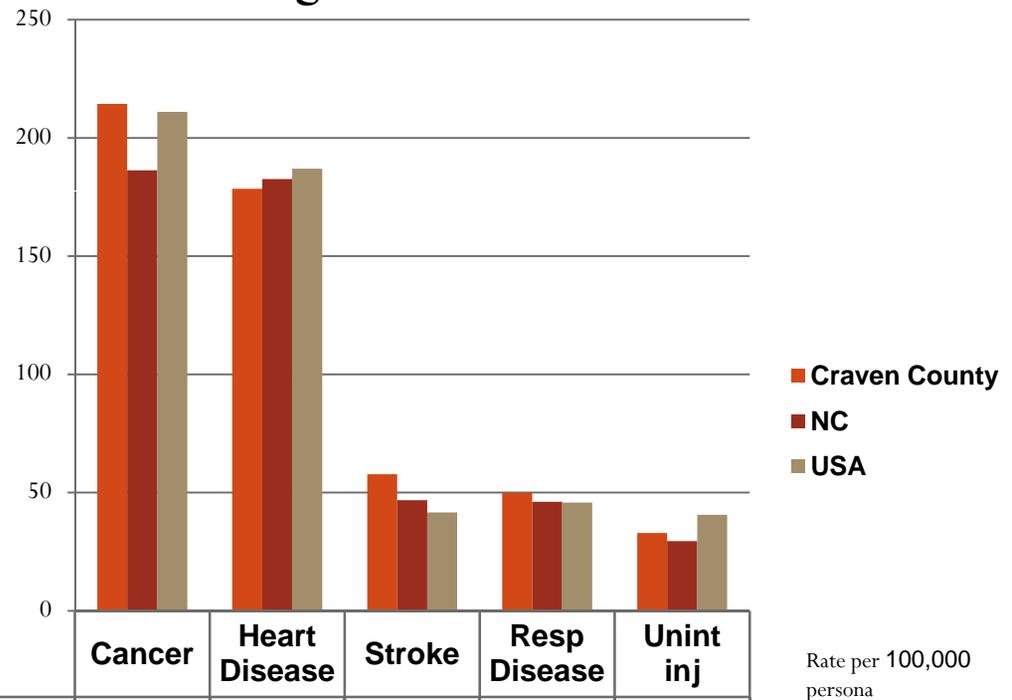
# Population Demographics

- The 2009 estimated population for Craven County is 98,529
- 7.7% increase from the 2008 estimate
- 72.8% White, 23.7% African American and 3.9% Hispanic
- 51.2% female and 48.8% Male

# Leading Causes of Death

- Cancer is the leading cause of death in Craven County for 2009.
- Cancer, Resp. Disease, and stroke rates exceed State and National rates.
- Stroke has replaced Resp. disease as the third leading cause of death
- National rates are from 2006

**Leading Causes of Death 2009**



	Cancer	Heart Disease	Stroke	Resp Disease	Unint inj
Craven County	214.4	178.5	57.8	49.9	32.9
NC	186.3	182.6	46.8	46.1	29.5
USA	211	187	41.6	45.8	40.6

# Age Adjusted Cancer Incidence Rates in Craven County 2003-2006 per 100,000 Persons

Site	North Carolina	Craven County
Colon/Rectum	47.4	47.6
Lung/Bronchus	75.8	89.1
Female Breast	149.6	142.6
Prostate	153.8	195.5
All Cancers	487	542.4

NC Cancer Registry

Cancer rates all exceed state rates with the exception of female breast. NC ranks 36<sup>th</sup> out of 50 for Cancer Incidence Nationally.

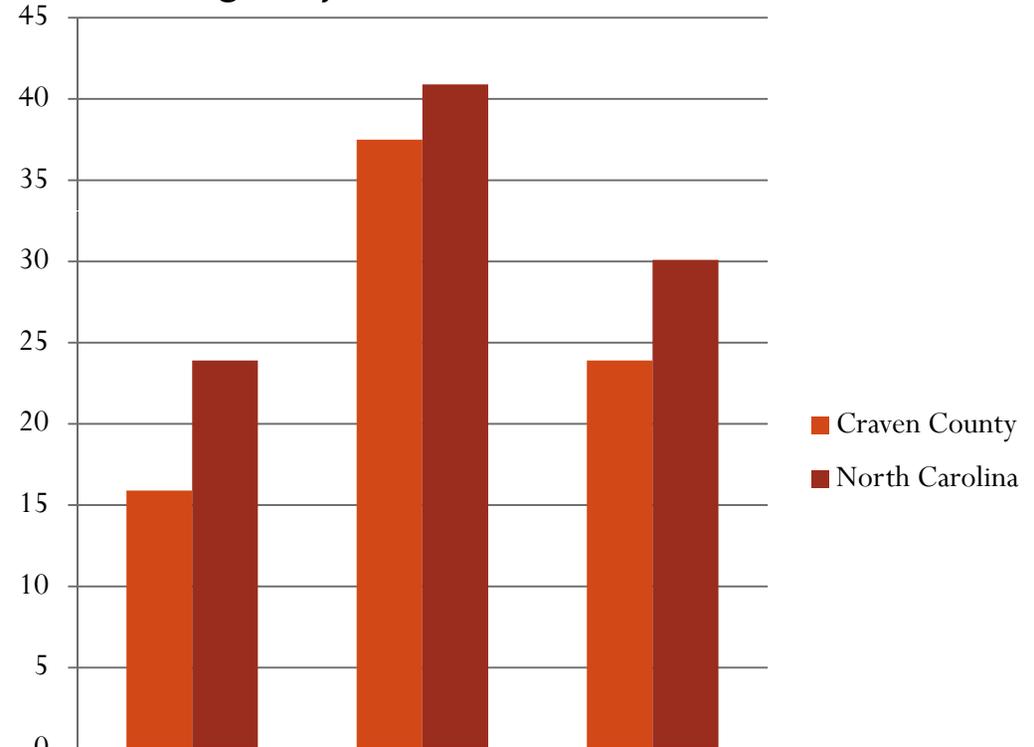
# Infant Mortality

	Year	White Rate	Minority Rate	Total Rate
Craven County	2009	7.4	15.4	9.5
	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
North Carolina	2009	5.4	14.1	7.9
	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

# Teen Pregnancy

- 15-17 year old rates decreased again from 2008-2009.
- Total rate decreased from 37.4 down to 23.9 per 1,000 women.
- Craven County for the first time in years does not exceed the state rate for 15-17 year olds.
- Minority rates continue to be significantly higher than white rates.

2009 Teen Pregnancy Rate for Women 15-17

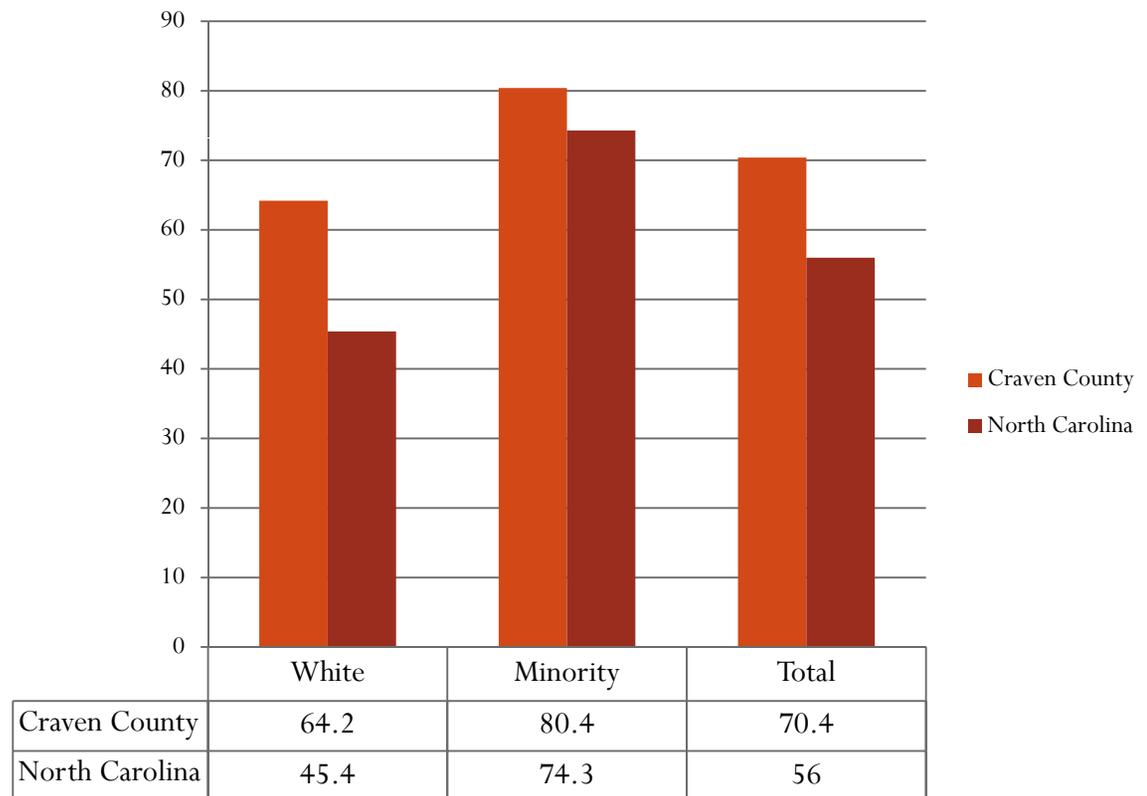


	White	Minority	Total
Craven County	15.9	37.5	23.9
North Carolina	23.9	40.9	30.1

# Teen Pregnancy

- 15-19 year old rates also decreased from 2008-2009
- Total rate fell from 77.5 in 2008 to 70.4 in 2009.
- Craven County rates still exceed state rates for 15-19 year olds.

2009 Teen Pregnancy rate for Women 15-19

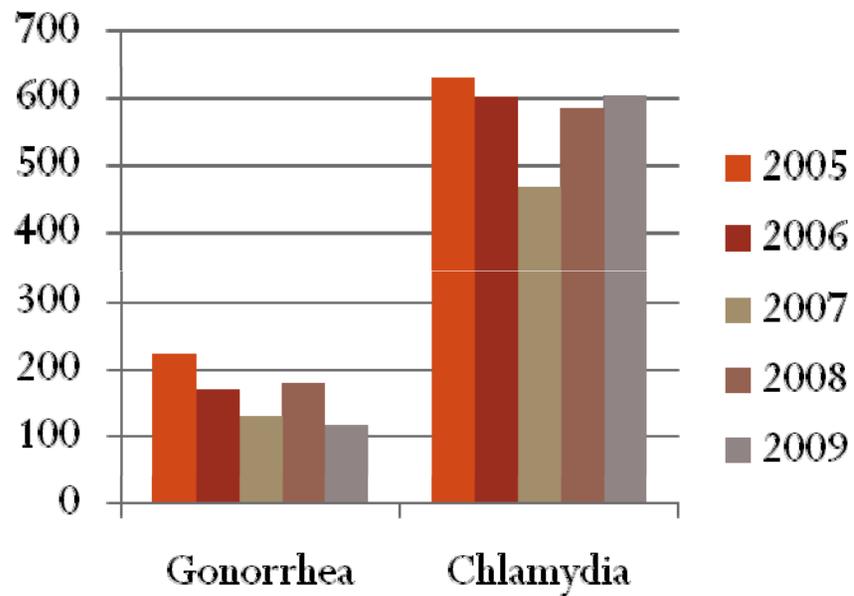


## Other Maternal Child Data

- Craven County live birth rate for 2009 is 17.7 per 1,000 women compared to 14.2 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 9.3% compared to 9.1% for the state of NC and 8.2% per 1,000 women nationally.
- Lead Screening: In 2009 60.9% of 1-2 years olds were tested for elevated lead levels as compared to a statewide average of 49.4%.

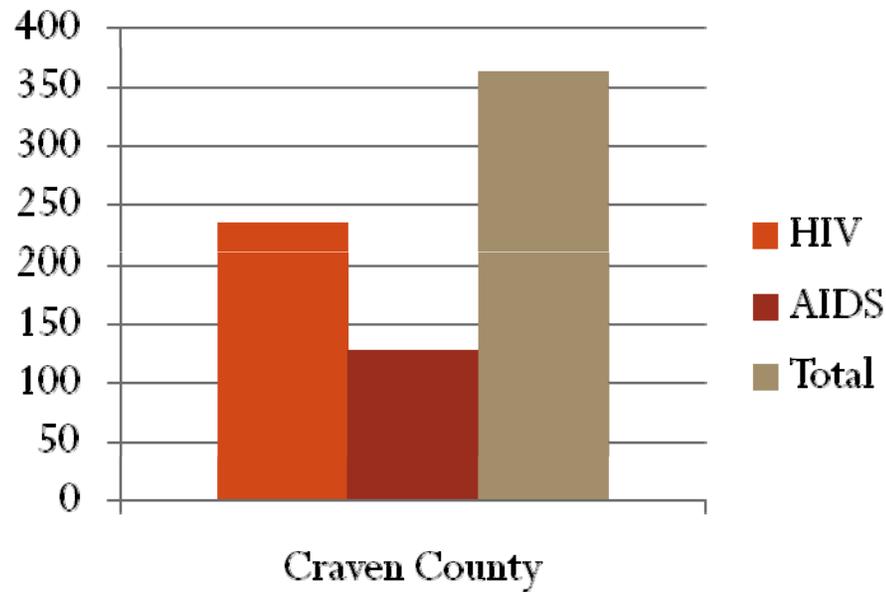
# Gonorrhea & Chlamydia Cases 2005-2009

Gonorrhea cases decreased in 2009, while Chlamydia cases showed a slight increase over 2008.



Craven County	2005	2006	2007	2008	2009
<b>Gonorrhea</b>	223	169	130	180	116
<b>Chlamydia</b>	629	600	467	584	602
<b>NC</b>					
<b>Gonorrhea</b>	15,069	17,309	16,659	14,866	11,355
<b>Chlamydia</b>	31,185	33,614	30,612	37,555	34,088

# Craven County HIV/AIDS Cases Living as of 2009



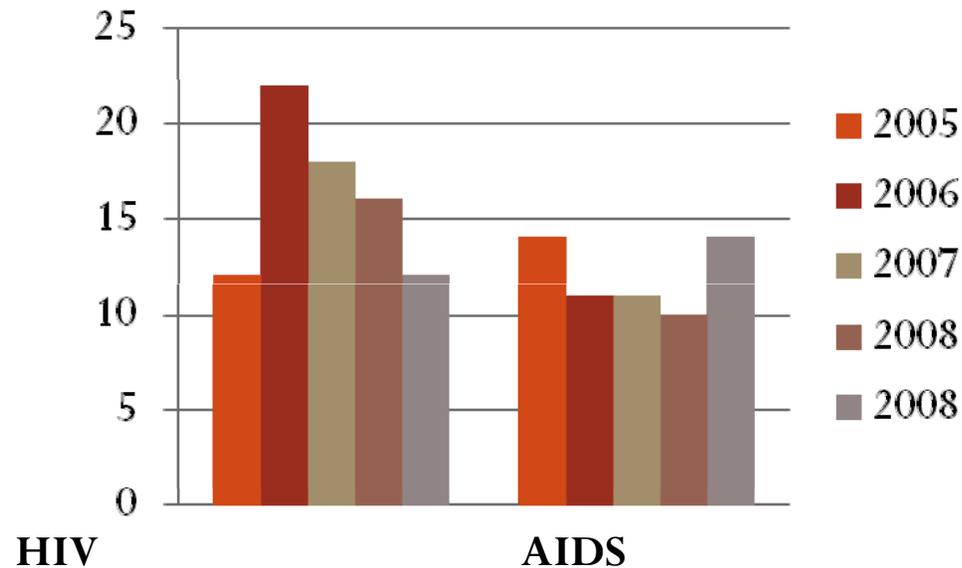
Craven County

HIV	AIDS	Total
235	128	363

\*Total includes cases with unknown county of residence at diagnosis

# HIV and AIDS Cases 2005-2009

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



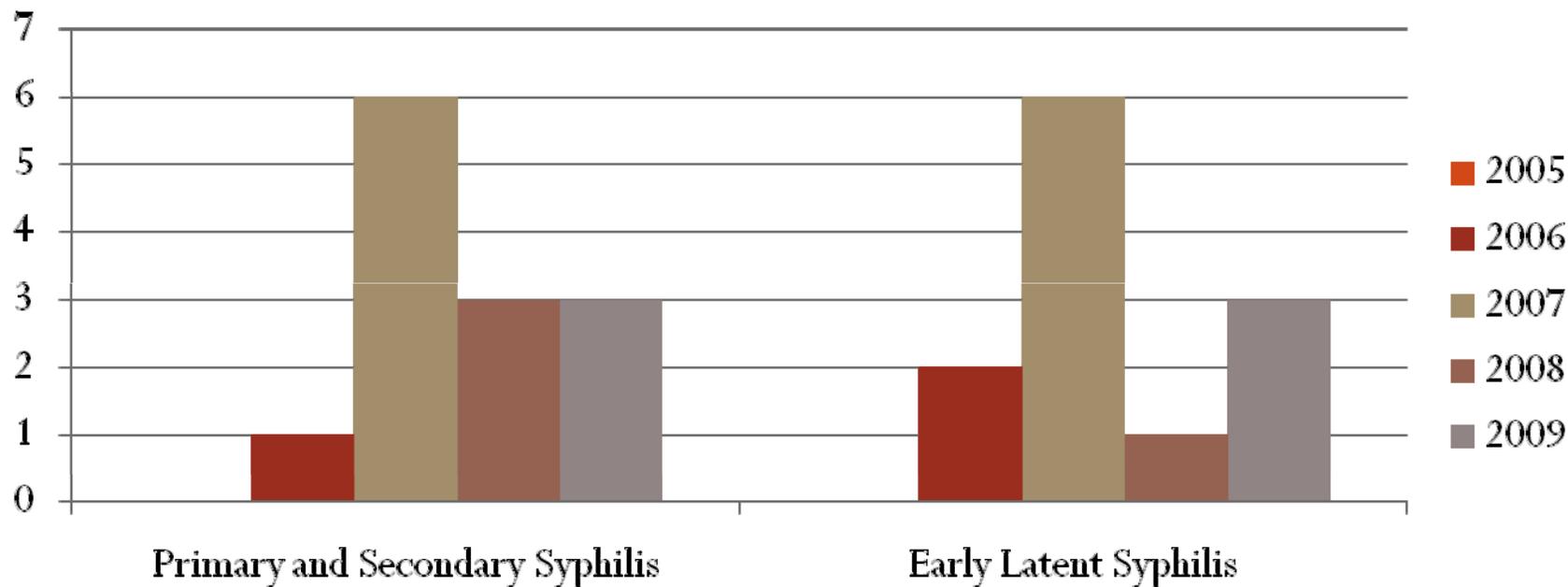
Craven County	2005	2006	2007	2008	2009
HIV	12	22	18	16	12
AIDS	14	11	11	10	14

**Total: HIV 79 Cases**

**Total: AIDS 60 Cases**

**HIV Disease includes all newly diagnosed HIV infected individuals by the date of first report (HIV or AIDS), but does not include inmates at prisons outside of Craven County, as they are now counted as residents of that county.**

# Primary, Secondary & Early Latent Syphilis Cases 2005-2009



Craven County		2005	2006	2007	2008	2009
Primary & Secondary Syphilis		0	1	6	3	3
Early Latent Syphilis		0	2	6	1	3
North Carolina		2005	2006	2007	2008	2009
Primary & Secondary Syphilis		274	309	324	287	319
Early Latent Syphilis		489	602	569	509	242

Adjustments made from the NC State Statistics

# Tobacco Use

- 22.1% of adults responding to the 2009 BRFSS for Eastern NC report they currently smoke cigarettes.
- Smoking rates greatest among young adults 35-44 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.

# Tobacco Use

- PRIDE Survey administered by the Craven County Schools and the Coastal Coalition for Substance Abuse Prevention
- 21.2% of 11<sup>th</sup> graders and 21.9% of 12<sup>th</sup> graders report using cigarettes in the past 30 days.
- 88.6% of 11<sup>th</sup> graders and 88.9% of 12<sup>th</sup> graders realize use poses a moderate to great health risk.
- Age of first use ranges from a low of 10.5% in the 6<sup>th</sup> grade to a high of 13.7% of 12 graders.

# Obesity

- According to the 2009, Behavioral Risk Factor Surveillance Survey, 69.6% of respondents in Eastern NC report they are overweight or obese. 65.0% of respondents across NC report that they are overweight or obese.

# Socioeconomic Data

- Unemployment rates have decreased slightly from 10.3% in October of 2009 to 8.8% September of 2010.
- 19% of persons 0-64 and 22% of adults 19-64 in Craven County are uninsured as compared to 25% of adults in NC and 22% of adults nationwide.
- In 2009 14.6% of Craven County citizens living below poverty up from 13.9% in 2008.
- We have seen the number of patients in our clinics continue to steadily increase over the last two years.

# Environmental Health

- Craven County was in a state of disaster due to flooding from excessive rainfall in October 2010. The environmental health section visited 142 homes to distribute packets of information related to cleaning up after a flood. We provided information to the FEMA Disaster Assistance Center to distribute this information to additional victims.
- The Children's Environmental Health Section became accredited trainers for Lead Safety in Renovation, Repair and Painting by both the EPA and the State of North Carolina and has taught close to 400 students prevent childhood lead poisoning through safe work practices.

# Environmental Health

- New permits for food service establishments - In 2010 (through November), 56 new permits were issued compared to 53 in 2009, a 6% increase.
- Applications for plan reviews - 49 applications were received in 2010 (through November) and 35 in 2009, a 40% increase.
- The Environmental Health Section is reorganizing to respond to the workload by training Environmental Health Specialists in other sections to work independently in permitting and/or inspecting tattoo artists and parlors, swimming pools, and child care centers.

# Emerging Issues

- Health Care Reform
- Access to Primary Care for Adults
- State Budget Cuts

# 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 and the program was discontinued.
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 CarolinaEast Medical Center. He travels to African American churches throughout Craven, Pamlico and Jones counties teaching the importance of prostate cancer screening and early diagnosis. This year 184 men were screened.
2. The Breast and Cervical Cancer Control Program has received continued 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. We are in our second year of operations with this grant.
2. Last year we took 15 youth to the first TRU training and started 1 school based and 1 community based TRU Crew. This year we have sustained both TRU Crews and have added 2 more community TRU Crews, 1 with a focus on the Havelock area to target military families and we have added an additional TRU Crew in the schools in collaboration with the SADD(Students Against Destructive Decisions) and FCCLA(Family Career and Community Leaders of America) Clubs.

# Tobacco Use Continued

3. Last year we had 14 TRU meetings. So far this year there have been 9.
4. Currently our focus is to maintain the existing crews and work on becoming more knowledgeable by attending more trainings. In addition to encourage sustainability we are taking 4 adult leaders to be trained so that they can begin facilitating the TRU meetings. Our current partners include Antioch Church of Christ, Pamlico County High School, Arapahoe Charter School, PORT Human Services, The Coastal Coalition for Substance Abuse, New Bern High School, West Craven High School, and Havelock Parks and Recreation Department. Our youth trained the Volunteer youth this Summer and we also have a presence on facebook.

# Progress Made

- **Heart Disease**

The Health Department received a grant from the CRMC Foundation in 2009 for \$4,500.00 to purchase new state of the art CPR equipment and a new AED. We continue offer CPR classes not just to required staff such as nurses but to any employee who would like to be certified.

- **Teen Pregnancy**

“ Making Proud Choices” teen pregnancy curriculum purchased in 2010. We are in the planning stages of where in the community we might offer the classes in 2011.

# Other Initiatives

- **HIV/STI**

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 along with the jails in Pamlico, Jones and Lenoir counties. The program began in August of 2008 and to date we have tested 1710 individuals. We have identified 14 positive for HIV, 115 positive for Hepatitis C and 13 positives for Syphilis. Not all are first timers some are old cases that get put into care for the first time.

- **Adult Asthma Program.**

While the state rate for “all ages” hospitalizations with a primary diagnosis of asthma continues to drop (from 116.2 to 115.4), Craven County’s rate continues to increase (162.9 to 168.8 in 2008). In 2008 we began a new adult asthma education class taught at the local free clinic. We taught 11 patients in 2008, 18 in 2009 and 12 so far in 2010.

# 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 **health@cravencounty.com** or call **(252) 636-4920**.

