



Craven County

North Carolina Begins Here

Community Health Assessment 2007



**Craven County Health Department
And
ENRICH Healthy Carolinians Taskforce**

Forward

Craven County is a dynamic community, rich in history and full of southern charm. The County is located in eastern North Carolina with its County Seat in historic New Bern, the state's first capitol. In numbers, the county has experienced moderate growth. With our moderate climate and our beautiful waterways we have become an attractive retirement location, making the concerns of aging an important issue. As in most counties, a lack of public transportation is a significant factor when planning services. The population is becoming more culturally diversified by the addition of Hispanic immigrants, and refugees from Asia and central Europe. A new strategy was used to gather input to the Community Assessment for 2007. A statistically significant sample of households was randomly selected to be interviewed. Teams visited respondents and asked questions regarding current health issues and concerns of the community. The resulting sample proved to be more representative of the demographics of our county than the hit and miss of survey completion in previous years.

Both objective and subjective information are represented in this document. Along with the obvious restrictions of resources, it will be used to guide our efforts to serve the citizens through public health. We want to thank all of those citizens who participated in the community survey process. Your valuable input is very important. Our strong belief in the public health mission and our genuine concern for the citizens of Craven County makes getting up and coming to work each and every morning worthwhile.

Copies of this document will be made available to the public at the New Bern Craven County Public Library and the Craven Community College library. A copy of this document and a power point presentation overview of the document will be posted on the Craven County web site at www.cravencounty.com and upon request we are always willing to present the contents to your civic organization or group. For presentations please call 252-636-4969.

Sincerely,

Wanda L Sandelé, Health Director

JoAnn Gottsleben, Executive Director for ENRICH

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Introduction

The Craven County Community Assessment team was made up of representatives from both the Health Department Staff and members of our Healthy Carolinians Task Force locally known as ENRICH (Eastern Neuse River Initiative for Community Health). The members of ENRICH critiqued and analyzed the survey used in 2003 and decided that it was too long. The group worked together and produced a shorter survey they felt would be easier to administer and better received by the public.

The Health Department staff began to investigate the possibility of performing surveys by using GIS capabilities to randomly select 210 households in Craven County. The Health Department staff invited ENRICH members to join them for a presentation in January of 2007 presented by Steve Ramsey, team leader/industrial hygienist for PHRST 5. Steve described a statistically significant process where you randomly select 210 households from your county, place the survey on a hand held PDA device and complete your surveys door to door in about a two to three day time frame. Following the presentation we all agreed this would be an excellent way to proceed with our collection of primary data from the citizens of our county.

After the meeting in January we maintained correspondence with Steve Ramsey and asked him to assist us with the process. After many date changes we finally agreed upon dates that would work for both Steve and the Health Department. We chose August 27, 28, 29 of 2007.

A lot of time was spent prior to the survey dates in preparation. We decided to make this not only a community assessment exercise but to use our incident command structure as if we were responding to a true disaster. We purchased blue vests to identify our surveyors as public health people; we organized ten teams of two each and separated them into two divisions. We selected a team leader for each division. Each team was essentially made up of one environmental health person and one clinical or ENRICH person. We used the county's automobiles to avoid paying the cost of personal mileage and we also used county cell phones for communication. A packet of materials including laminated copies of the survey in English and Spanish, pens, pencils, a highlighter and a clipboard was prepared for each team of two. We arranged for lunch on day one after the initial training and we arranged for bag lunches that could be taken into the field on day two. We also arranged for water to be sent with each team at the beginning of their day. The Health Department purchased lunch bags with our logo on them to give out to survey participants as an incentive. We had a meeting on August 13, 2007 to give the teams a brief overview of what to expect on the survey days.

On the morning of August 27, 2007 Steve Ramsey arrived at the Health Department with a PDA for each team already loaded with our survey. He completed the random GIS sample of 210 households and created a map which broke out those households into 10-12 sections. Steve gave the group detailed instructions for the use of the PDA's. He instructed the group to move to the next available house if no one was home at the particular point selected by GIS. Each team was then given the opportunity to choose the area they preferred to work in and that process flowed very smoothly. The safety officer of our command center gave the group a briefing and reminded them to stay hydrated and avoid unsafe situations. She reviewed contact numbers, command structure and times to check in. The teams were then served lunch and left to go out into the field until 7:00 pm that evening.

All the teams returned at 7:00 pm and several teams were able to finish all of their surveys. We served cookies and soda and enjoyed some fellowship as the team members talked about their day. Each team turned in their PDA's and other equipment and a meeting time of 9:00 am the next morning was set.

At 9:00 am on August 28th we determined that only 6 teams were needed to complete the remaining surveys. Those teams who needed to finish the surveys from the previous day were selected and the other teams were allowed to volunteer which worked out fine. The teams were given their equipment and a lunch before going out into the field with a scheduled return time of 4:00 pm. The day went smoothly and everyone returned on time with all but a few of the surveys completed. All equipment was returned and Steve was able to download the survey results leaving us with a report upon his departure.

Teresa Ellen RN, MPH and Debra Yarbrough then analyzed and interpreted the survey results. A report was written and these results are included in the document that follows this explanation of the assessment process.

Next, secondary health data from the North Carolina State Center for Health Statistics was gathered and compared to the results of the primary data collected. Both sets of data were put into a power point presentation and presented to the Craven County Board of Health and the ENRICH Healthy Carolinians group. Based on both sets of data the groups were asked to prioritize the health issues to be addressed by the Craven County Health Department and ENRICH for the next four years.

The report that follows is a compilation of the county history, demographic profile, primary data, secondary data, trend data, existing and needed health resources, at risk population groups, and the resulting health priorities.

About Craven County

Historical Information

In 1660 King Charles II issued the "Carolina Charter" granting eight of his supporters the title of "Lord Proprietor" over large areas of land claimed by England in the New World. The area from Virginia to the Spanish border of Florida and as far west as was known at that time, was named Carolina after the king himself (Carolus, the Latin word for Charles). The original Lord Proprietor of Carolina was William, Earl of Craven for which Craven County was named.

The original inhabitants of Craven County were the Tuscarora Indians. The first settlement in Craven County was the city of New Bern that now serves as the county seat. New Bern was founded in 1710 by Baron Christopher de Graffenried with Swiss and German colonists and is the second oldest town in North Carolina. New Bern is located at the junction of the Neuse and Trent rivers. In 1765 Royal Governor William Tryon established New Bern as the first capital of the colony of North Carolina. In 1770, the first governor's residence was constructed. It was named Tryon Palace after the first colonial governor, William Tryon. New Bern remained the center of political power until 1794 when a growing population in the center of the state necessitated the capital be moved to a more centrally located Raleigh, NC.

New Bern continued to prosper as a port, exporting pitch, tar, lumber, and agricultural products. The city became a railroad center during the middle of the nineteenth century, because the advent of larger boats made the river less navigable. After the end of the Civil War, New Bern and Craven County again prospered as a lumber center, using local forests of pine, cypress, oak, and other hardwoods. By 1915, more than 16 lumber mills were operating in and around the county.

During three centuries, New Bern and Craven County have contributed to the history of the state and nation. The first printing press in the American colony was established in New

Bern, and in 1741, the first colonial newspaper, pamphlet and book were printed there. In 1791, President George Washington visited New Bern spending two nights there while on a southern tour. New Bern was also the first city to celebrate Washington's Birthday.

Craven County is home to many battle sites from the Civil War. In the aftermath of the Civil War, medical student Caleb Bradham was forced to return to New Bern and work after his parents' business failed, and he could no longer afford school. He eventually became a pharmacist, and created a tasty beverage known locally as "Brad's Drink". The beverage became so popular that he patented it in 1898 under the name Pepsi-Cola.

Today Craven County continues to grow and prosper, with a rich cultural past and a proud history. Many beautiful old homes and other historical buildings can still be seen as one travels around the county.

Geographical Information

Craven County is located in The Coastal Plains section of North Carolina at the confluence of the Neuse and Trent Rivers. It is situated approximately halfway between New York and Florida. According to the 2000 census data, Craven County covers 708.43 square miles of land area. The Coastal Plains section of North Carolina is characterized by flat land to gently rolling hills, however Craven County is essentially topographically flat. The average elevation for Craven County is 17.5 ft. above sea level. Craven County is comprised of 157,000 acres of forest, mostly pine, that support pulp manufacturing and other forest related industries. The leading crops of this area are cotton, soybeans, corn for grain, tobacco, hay, and wheat.

The climate of Craven County changes little from year to year. The summers are generally sunny and hot, the winters are mild, and snow is rare. The area's average temperatures and rainfall are as follows (New Bern Chamber of Commerce, 1999)

Average Annual Temperature	62.2° F
Average High Temperature	73.8° F
Average Low Temperature	52.9° F
Average Annual Precipitation	54.9"

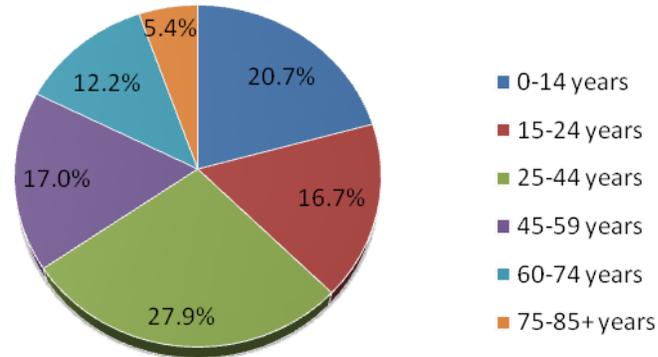
Demographic Information

According to the US Census Bureau the 2006 estimated population of Craven County is 94,875. From April 1, 2000 to July 1, 2006 the population has grown by 3.7%. Craven County is largely rural with no major metropolitan areas. It is comprised of two cities (New Bern and Havelock) and six other incorporated towns (Vanceboro, Bridgeton, Cove City, Riverbend, Trent Woods and Dover). New Bern is the county seat. The population for these cities and towns can be broken down as follows:

New Bern	23,195
Havelock	22,846
Trent Woods	4,195
River Bend	2,942
Vanceboro	896
Cove City	426
Bridgeton	320
Dover	443

The following pie chart illustrates the Craven County population by age:

**POPULATION BY AGE GROUP
CRAVEN COUNTY**



Craven County has 42,221 housing units with 34,582 households. There are on average 2.5 persons per household. The average family size is 2.93 and the home ownership rate is 66.7%.

The following table outlines the racial composition of Craven County:

Racial Composition of Craven County

Race	Number of Citizens	Percent
White	68,594	72.3%
African American	23,339	24.6%
Hispanic or Latino	3,415	3.6%
Asian	1,138	1.2%
American Indian	474	0.5%
Hawaiian/Pacific Islander	95	0.1%
Two or More Races	1,328	1.4%

(US Census, 2005)

Socioeconomic Information

The median household income in Craven County is \$39,141 (NC Department of Commerce, 2004). According to the NC Dept. of Commerce in 2004 the percentage of persons living below poverty is 13.7%. The percentage of children living below poverty is 19.7%.

Craven County has a total work force of 40,862, which is 43% of the total population. The unemployment rate as of June 2007 is 4.7%. The tables below give a breakdown of the majority of the workforce in Craven County by type of business and the major employers (NC Department of Commerce, 2006).

Major Employers in Craven County		
Agriculture	410	1.00%
Construction	1,815	4.30%
Finance/Ins	721	1.70%
Government	12,801	30.60%
Manufacturing	4,805	11.50%
Retail Trade	4,785	11.40%
Wholesale Trade	937	2.20%
Real Estate	387	0.09%
Health Care/Social Asst.	6,377	15.30%
Educational Services	2,968	7.10%
Accommodation and food	3,517	8.40%
Public Administration	7,011	16.80%

Top Manufacturers (4th Quarter 2006)	
Hatteras Yachts	1,000+
BSH Home Appliances	1,000+
Moen Incorporated	500-999
Weyerhaeuser Company	250-499
Maola Milk & Ice Cream	100-249
CPI	50-99
Wheatstone Corporation	50-99
Alyward Enterprises Inc.	50-99
South Tech Plastics Inc.	50-99
New Bern Building Supply	50-99

Top Non-Manufacturing Employers (4th Quarter 2006)	
Department of Defense	1,000+
Craven County Schools	1,000+
Craven Regional Medical Center	1,000+
State of North Carolina	500-999
Craven County	500-999
Craven Community College	500-999
Wal-Mart Associates Inc.	250-499
City of New Bern	250-499
Vertex Aerospace LLC	250-499
Cherry Point MCCA	250-499

Health Insurance

According to a report written by the Sheps Center for Health Services Research from the University of North Carolina at Chapel Hill in 2005, 2,611 Craven County citizens were without health insurance. Craven County ranked 24th out of the 100 counties in NC. The following table breaks this down according to age range and provides a comparison to the state of NC as a whole.

	Uninsured		
	Ages 0-17	Ages 18-64	Ages 0-64
Craven County	10.9%	20.5%	17.5%
North Carolina	11.3%	19.5%	17.2%

Education

The education system in Craven County includes elementary, secondary, and post-secondary schools. The county offers public school and private school options for children through eighth grade. The public school system is comprised of 23 schools serving nearly

14,809 students. There are fifteen elementary schools, five middle schools and three high schools. The school system offers special programs for gifted students as well as students with emotional or mental handicaps. Each school is staffed with a registered nurse and full-time counselors. The ethnic distribution is 56% white, 33% black, and 0.2% American Indian, 1.5% Asian, 4.7% Hispanic, and 3.6% Multi-Racial. Enrollment in the elementary and middle school is approximately 10, 512 students and the teacher to student ratio is one to 26. The county averages for standardized testing for the children in third to eighth grade who are on grade level in reading is 88.1%. This is 3.2% higher than the state average of 84.9%. Enrollment in the high schools is approximately 4207 students and the teacher to student ratio is one to 29. The graduation rate for all the students who begin ninth grade is 60%. This is low compared to the national level of 67.18%.

The private school system includes St. Paul’s Education Center that is located in New Bern and serves 300 students from pre-K through eighth grade, Annunciation Catholic School in Havelock grades K – 8, Liberty Christian School in Havelock grades K-8 and Ruth’s Chapel church school in New Bern that offers grades K-12. Another option for county residents is to send their children to Arendell Parrot Academy. The Academy offers instruction to children from pre-K through twelfth grade. However it is located outside the county in nearby Kinston, North Carolina, a forty-five minute commute each way. Post- Secondary education includes a community college and a Bachelor degree option from the satellite of a nearby four-year college. Approximately 69% of the high school seniors plan to go to college. Craven Community College is located in New Bern and has a campus in Havelock. The college offers associates degrees in arts or science and offers more than 30 vocational or technical programs. The college serves approximately 12,000 students each year. The four-year degree college option is Mount Olive College at New Bern. This satellite campus has been in New Bern for 10 years. Additional post-secondary options located in nearby cities outside of the county include East Carolina University, Lenoir Community College, Carteret Community College and Pamlico Community College.

Crime

In Craven County the crime rate has changed very little over the last five years. Our index or overall crime rate for 2006 was 4,175.7 per 100,000 persons. The NC state rate was 4,649.8 per 100,000 persons. Property was the largest group of crimes reported with larceny ranking second. The table below illustrates the crime rates in Craven County per 100,000 persons for various offenses over the last five years.

Year	Index Rate	Violent Rate	Property Rate	Murder Rate	Rape Rate	Robbery Rate	Assault Rate	Burglary Rate	Larceny Rate	MVT Rate	Arson Rate
2002	4,394.6	487.9	3,906.7	2.3	28.4	110.3	346.9	1,027.0	2,747.8	131.9	8.0
2003	3,855.5	336.0	3,519.5	2.3	27.2	52.0	254.5	1,014.8	2,340.7	164.0	4.5
2004	4,401.9	336.4	4,065.6	6.7	22.5	66.4	240.7	1,105.8	2,779.7	180.0	13.5
2005	4,318.5	418.7	3899.8	3.4	24.7	80.8	309.8	992.3	2,731.2	176.2	6.7
2006	4,175.7	400.0	3,775.7		32.4	100.6	267.1	961.0	2,589.0	225.7	11.2

(NC State Bureau of Investigation)

Faith Community

There are over 300 churches in Craven County. Early North Carolina settlers brought their faiths with them and contributed immeasurably to the civilization of the Craven County area. Craven County has always been a haven for religious freedom and almost all religious denominations are represented. The Catholic Church is the earliest church recorded in NC and one of the earliest synagogues in the south is located in New Bern and is still practicing.

The faith community has become a very important tool in Craven County for the dissemination of health care related information. Many of our churches have sponsored or participated in health fairs, screenings and a host of other health promotion activities. This is an especially important venue for the African American community. Some of the larger churches have established their own nurse parish programs to assist their parishioners when they are ill.

Recreation

Craven County is located in the Coastal Plains section of North Carolina at the confluence of the Neuse and Trent Rivers. The easy access to the water, the terrain, as well as the temperate climate lends itself to a plethora of outdoor recreation including sailing, boating, fishing, hunting, golf, and a host of other activities.

With over 150 historic landmarks, a magnificent palace and gardens, two adjoining beautiful rivers, 157,000-acre national forest, a variety of cultural, and educational attractions, Craven County offers just about anyone a place for recreation, education, and enjoyment.

In Craven County we have over 15 parks and recreation centers. There are four walking trails located throughout the county and many of the schools have walking trails also.

The County has eight 18-hole golf courses that offer varying degrees of difficulty for golfers of all levels to enjoy.

Air and Water Quality

Craven County's Air quality is considered to be very good. We have very few Title V facilities emitting pollutants. The climate is generally very humid and the abundance of flora and fauna can sometimes make breathing difficult for asthmatics and those with allergies.

The water quality of the county is also considered good as the North Carolina Division of Water Quality performs regular coliform counts in the Neuse River that are all within normal limits. The local Health Department's division of environmental health is responsible for monitoring the private wells and septic systems that exist in the county. There are four public water systems in Craven County (Craven County water system, City of New Bern water system, City of Havelock water system and the First Sanitary District water system), and there are many existing private wells. We have many different types of septic systems used in the county and the most prominent of these are the conventional system with shallow placement and the gravity fill system. Craven County, The City of New Bern, and The City of Havelock all have public sewage systems.

Transportation

There is no major interstate that runs through Craven County. Highway 70 serves as the main corridor through the county and runs east to the Atlantic coast and west toward Raleigh, the state capital, and to Interstates 95 and 40. Highways 17, 55 and 43 are the other highways located within the county.

Air travel for the county is provided by Craven Regional Airport. US Airways Express offers daily flights to Charlotte, NC and Delta offers daily flights to Atlanta, GA for connecting flights. Federal Express, UPS and Airborne Express provide airfreight services.

Southern Railway provides freight train services in the county. No passenger train service is available but can be accessed in Wilson, NC about a 1.5 hour drive away.

Trailways provides bus services from a station located in New Bern; however there is no city or county bus service available.

Craven Area Regional Transit Services (CARTS) provides limited van routes for low income patients. They provide a fixed route to local medical and social services facilities.

Existing Health Care Resources

Craven County is lucky to have many health care resources available in the community. Below you will find a listing and brief description of most of those facilities.

Craven Regional Medical Center

Craven Regional Medical Center is a 313 bed, full-service acute care facility with comprehensive inpatient services. The medical center offers medical/surgical, neurosurgical care, intensive and intermediate care, cardiac care, women's care, pediatric care and cancer care. Adult psychiatric care is available for inpatients on a private unit and for outpatients through its partial hospitalization program. The Medical Center has a rehabilitation unit with 20 inpatient rehab beds that is recognized as one of the state's outstanding facilities. The Medical Center offers state-of-the-art treatment, diagnostic and therapeutic services. Emergency care is available seven days a week, 24 hours a day. The hospital specializes in cardiac care, with the area's most advanced services for diagnosing and treating heart disease including interventional cardiology and open-heart surgery. The medical center has an accredited cancer care program. There are 200 physicians and more than 1500 professional and support staff.

The Medical Center has two freestanding centers for outpatient care. Craven Diagnostic Center provides radiography, CT scanning, stereo tactic mammography and bone densitometry. Craven Surgery Center is a new, state-of-the-art complex built to meet the demand for outpatient surgical technology. Craven Heart Care is the name given to the comprehensive cardiac services including surgery provided by Craven Health Care.

The Medical Center also has a free standing Home Health agency that offers skilled nursing, physical therapy, speech therapy, nutrition therapy, social work, aides and psychiatric nursing to home bound patients.

Craven County Health Department

The Craven County health department provides the following health care services for adults:

- Communicable Disease detection and surveillance
- Family Planning Clinic
- Maternity Clinic and Maternity Care Coordination
- Immunizations
- Refugee physicals
- Breast and Cervical Cancer Control Program

Complete child health services to children from birth to age 19 include:

- Primary care
- Well child physicals
- Immunizations
- Cardiac and Behavioral Health clinics
- Child Services Coordination for children birth to age five who are at risk for developmental problems or have special needs.

Dental Health services are provided through a strong partnership between local and state dental professionals.

- Services provided by local public health dentist and staff include a mobile dental clinic which offers comprehensive dental care to school aged children on site at elementary schools.
- Services provided by the state public health dental hygienist include screening, assessment and referral for elementary school children and education provided to individuals and groups in prevention of dental diseases.

Craven County Health Department Home Health and Hospice services include:

- 24 hour skilled nursing care
- Occupational therapy, speech therapy and physical therapy
- Additional support services such as social worker, aide service, and nutritional counseling
- Home health and hospice care

Physician Practices

There are over 40 physician practices in Craven County that provide a wide range of specialties from primary care to dermatology, podiatry, OB/GYN, orthopedics, pediatrics, cardiology, gastroenterology, general and thoracic surgeons, nephrology, psychiatry, neurology, plastic surgery, ENT, Allergy, pulmonology, infectious diseases, oncology and urology. Many of these offices also house their own diagnostic equipment.

Mental Health

Craven County is home to Eastern Carolina Behavioral Health Services which is now the regional Local Mental Health Entity (LME) for seven counties. They are responsible for referral and coordination of mental health services and have contracts with many local mental health practitioners to provide services to their clients. Although we have many Psychiatrists, Psychologists, and licensed therapists in the county there are still multiple issues to overcome with regards to access. Those clients who have no insurance continue to have difficulty finding practitioners willing to provide services. There is also a deficit of practitioners who provide services to children. The Craven County Health Department has recently secured a grant to collocate behavioral health services within its pediatric primary care clinic. The expected outcome is that patients are more likely to keep appointments when they are located at the same facility as their primary care physician or practitioner.

Oral Health

Craven County has a plethora of dental practices in the county. Most however, do not provide services to Medicaid clients and to the uninsured. There is one practice located in New Bern that primarily provides services to Medicaid clients. The Craven County Health Department has a mobile dental unit that provides preventive and restorative care to school age children in Craven, Pamlico, and Jones counties. Services are provided on a sliding scale fee and no child is turned away due to an inability to pay. The mobile dental unit also provides care to pregnant women and other adults when appointments are not booked for children.

MERCI Clinic

The MERCI Clinic located in New Bern is a nonprofit community clinic staffed primarily by volunteers, who provide free healthcare services for adults of Craven, Pamlico and Jones counties that are medically uninsured and whose income is less than 200% of poverty level.

Secondary Health Data

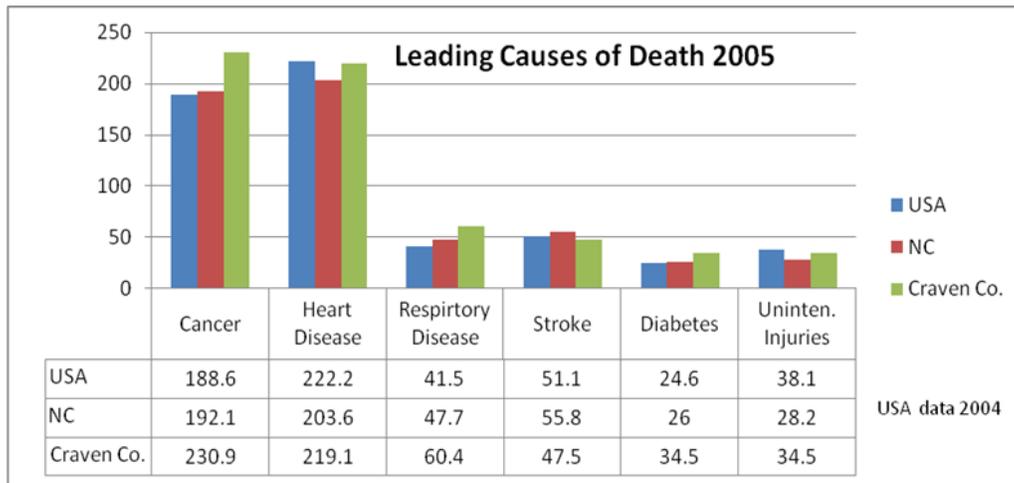
Deaths

The 2005 unadjusted death rate for Craven County is 973.3 per 100,000 persons, which is higher than the NC state rate of 856.7 per 100,000. Unlike state and national data cancer has surpassed heart disease as the number one cause of death in the county and respiratory diseases have surpassed cerebrovascular disease as the third leading cause of death. Below is a list of the 2005 leading causes of death for Craven County and a graph depicting a comparison of rates from Craven County, The state of North Carolina and the United States.

Leading Causes of Death

The leading causes of death for Craven County are:

1. Cancer
2. Diseases of the heart
3. Chronic lower respiratory diseases
4. Cerebrovascular disease
5. Unintentional Injuries
6. Diabetes Mellitus
7. Alzheimers Disease
8. Influenza and Pneumonia
9. Motor vehicle injuries
10. Nephritis, nephrotic syndrome



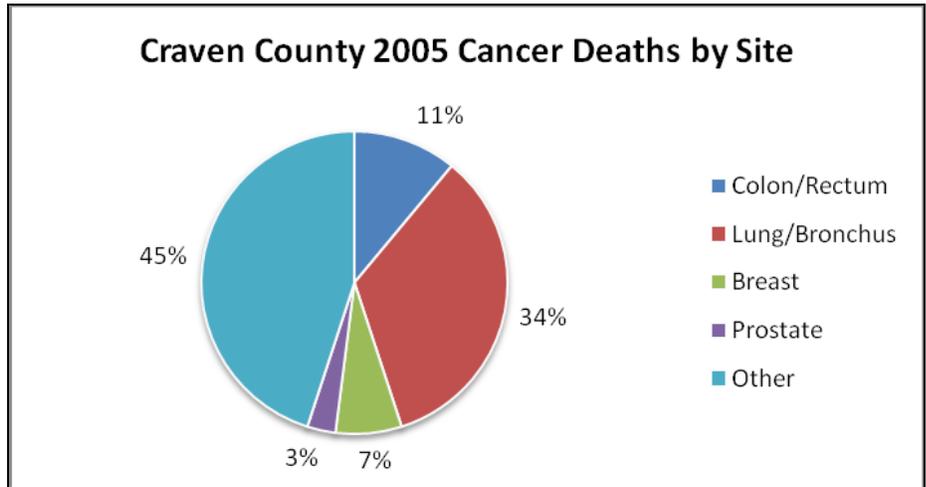
All leading causes of death with the exception of chronic lower respiratory diseases have higher rates in the minority versus the white population. Health disparities between the white and minority populations is a public health concern of the utmost importance at the local, state and national levels. Closing this gap is one of the Healthy People 2010 goals. Below is a table illustrating these disparities in Craven County from 2001-2005.

Leading Causes of Death

	Whites	Minorities	Total
Cancer	202.0	256.8	212.9
Heart Disease	216.5	247	223.5
Chronic Lung Diseases	51.4	29	47
Stroke	55.1	79.7	60.8
Unintentional Injuries	17.9	21.7	18.7
Diabetes	24.5	54.9	30.4

Cancer

Cancer is the second leading cause of death in NC and in the United States. In Craven County it is the leading cause of death. Cancer is expected to surpass Heart Disease as the leading cause of death nationally by the year 2015. The majority of cancer deaths occur in four sites: lung, colon, female breast, and prostate. The chart below illustrates the leading causes of cancer death in Craven County by site.



(NC Cancer Registry)

In 2004, 578 cancer cases were reported for Craven County residents. These numbers are expected to increase as the population ages. In addition, Craven County is known for being a retirement area and we expect our percentage of residents over 65 will continue to grow. Below is a chart with the projected number of cancer cases for Craven County in 2007.

2007 Projected Cancer Cases in Craven County	
Lung/Bronchus	65
Colon/Rectum	50
Female Breast	70
Prostate	80
All Cancers	485

(NC Cancer Registry)

According to the American Cancer Society the leading causes of cancer deaths for men versus women are as follows:

Leading Causes of Cancer Death	
Men	Women
Lung	Lung
Colon	Breast
Prostate	Colon

The good news is that over 60 percent of all cancers are related to personal lifestyle or environmental factors, such as smoking and diet, and are preventable.

Infant Mortality

Infant mortality has increased over the last five years in Craven County; however, our rates have consistently been below the state rate. Just as with the leading causes of death, infant mortality rates are also greater in the minority population. The table below illustrates the infant mortality rates for Craven County and the state of NC for the last five years (2002-2006).

Infant Mortality				
	Year	White Rate	Minority Rate	Total Rate
Craven County	2006	6.8	8.8	7.4
	2005	5.4	12.0	7.2
	2004	6.3	13.0	8.2
	2003	2.7	12.0	5.2
	2002	4.5	4.8	4.6
North Carolina	2006	6.0	13.6	8.1
	2005	6.4	14.9	8.8
	2004	6.2	15.6	8.8
	2003	5.9	14.0	8.2
	2002	5.9	14.2	8.2

(NC State Center for Health Statistics)

Live Births

The live birth rate for Craven County from 2001-2005 was 16.8 per 1,000 women as compared to 14.1 for the state of North Carolina and a national birth rate of 14.0 per 1,000 women. We contend that having a military base with large numbers of child bearing age women is one of the reasons we tend to have a high birth rate in the county.

Low Birth Weight

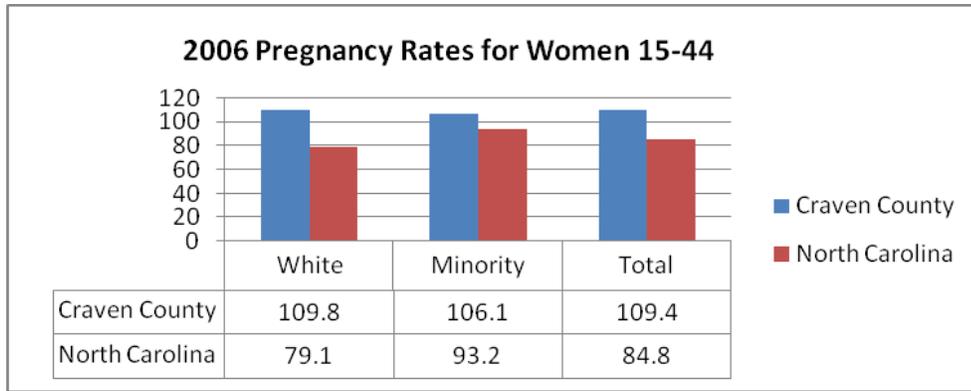
In Craven County our percent of low birth weight babies has been consistently lower than the state percentage; however, both county and state rates exceed the national low birth weight rate. Of additional concern is the disparity of low birth weight babies between the white and minority populations. The following table compares the low birth weight rates of Craven County and North Carolina.

Low Birth Weight			
	White	Minority	Total
Craven County	7.0%	13.4%	8.8%
North Carolina	7.4%	13.4%	9.0%

(NC State Center for Health Statistics)

Pregnancy

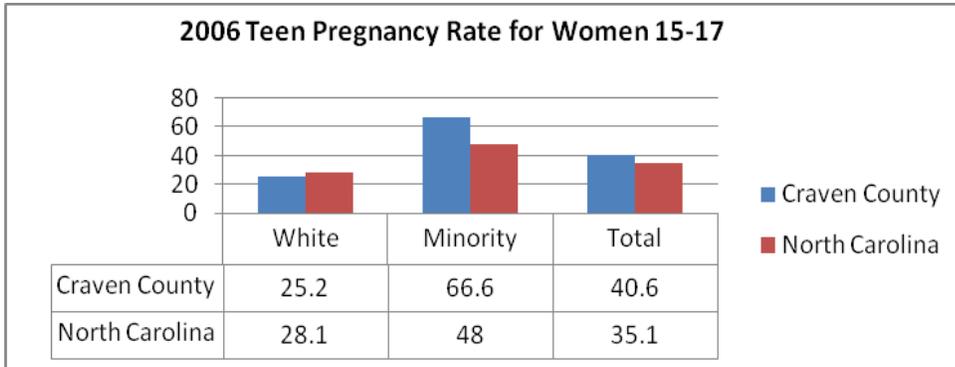
The graph on page 13 outlines the Craven County pregnancy rates per 1,000 women for 2006 verses the North Carolina state rates. Once again we attribute the high numbers of pregnancies to having a military base with a large number of women between the ages of 15-44.



(NC State Center for Health Statistics)

Teen Pregnancy has always been a concern in Craven County. We have consistently exceeded state and national rates for several years. Our minority rate is the statistic of greatest concern as it exceeds the state rate by 13.0 points from 2001-2005 (NC 53.6 and CC 66.9).

When we look at teen pregnancy we focus on the 15-17 year old statistics as this removes some of the 18-19 year olds who are married to young Marines. Below is a graph that depicts the teen pregnancy rates per 1,000 women for Craven County and North Carolina in 2006.



(NC State Center for Health Statistics)

Additionally, in Craven County we have a repeat pregnancy rate (2005) of 29.1 per 1,000 women 17 and under as compared to the NC state rate of 15.8.

Immunization Rates

The 2006 immunization rate for children appropriately immunized by age 24 months in Craven County was 97%. We were one of the top three counties exceeding the state rate of 82%.

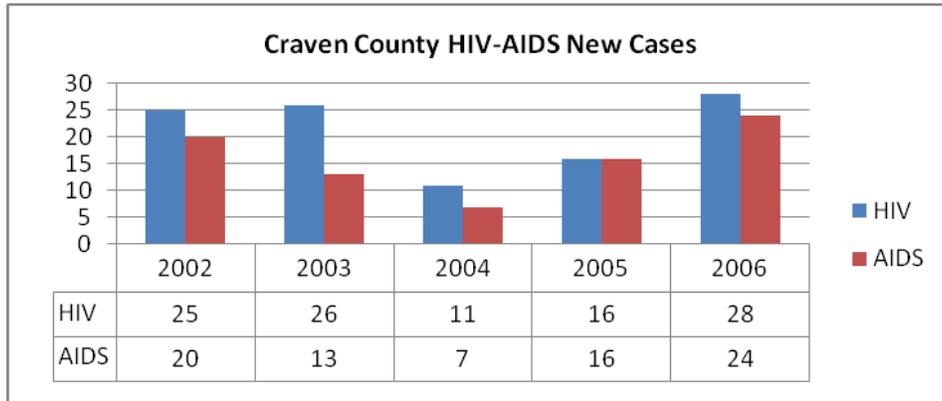
Lead Screening

Lead Screening is another area where we are proud to say that Craven County exceeds the state rate of 42.8% of 1-2 year olds screened. In Craven County, 63.1% of 1-2 year olds were screened for lead in 2006.

HIV and Sexually Transmitted Infections

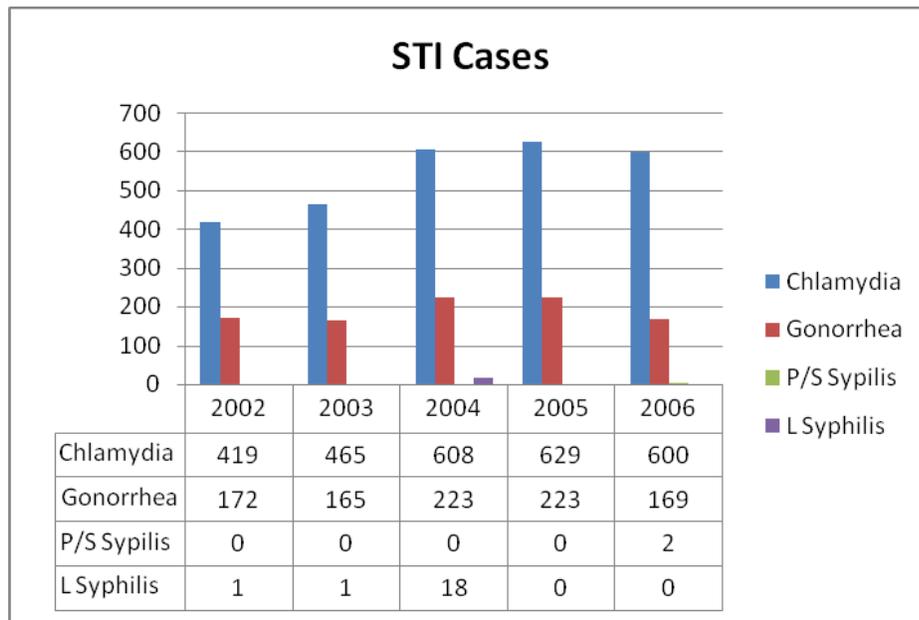
The AIDS rate for Craven County from 2001-2005 was 14.1 per 100,000 persons. The state AIDS rate from 2001-2005 was 12.2 per 100,000 persons. While the state and local rates have continued to grow, the National rate has remained at 14 per 100,000 persons. The

graph below shows the number of new HIV and AIDS cases in Craven County over the last five years.



(NC Dept of Public Health, Communicable Disease Branch)

The numbers of Sexually Transmitted Infection (STI) cases in Craven County have steadily grown over the last few years with a slight decline in numbers of cases for 2006. Chlamydia continues to be our most prevalent STI and after several years with no cases of primary syphilis we had two cases in 2006. The graph below shows the number of STI cases for Craven County over the last five years.



(NC Dept of Public Health, Communicable Disease Branch)

Obesity

According to the 2005 Behavior Risk Factor Surveillance Survey, 61.8% of respondents in the Craven County region report they are overweight or obese. The same survey reveals that 62.6% of respondents across NC report they are overweight or obese. Nationally the National Health and Nutrition Survey (NHANES) reveals 66.3% of Americans over 20 report they are overweight or obese.

Smoking

Tobacco use continues to be the single leading cause of preventable illness and death in the United States. According to the Behavior Risk Factor Surveillance Survey, 44.6% of those surveyed in the Craven County region reported smoking on a daily basis. Unfortunately, this number has continued to rise as it was 38.4% in 2004 and 39.2% in 2005. These percentages are all greater than those reported for the state (37.6% in 2004, 37.0% in 2005 and 36.8% in 2006). The largest group of smokers is the 18-24 year olds. This is very frustrating given the fact this age group has received more information regarding the harmful effects of smoking than any of those who are older.

Suicide

According to the NC State Center for Health Statistics, the Suicide rate for Craven County is 11.1 per 100,000 persons from 2001-2005. This is compared to the NC state rate of 11.6 per 100,000 persons. In Craven County suicide occurs more often in whites versus minorities and occurs more frequently in males versus females.

Substance Abuse

Statistics regarding substance abuse are not readily available; however, we can say we are seeing a growing number of patients in the clinics at the Health Department with substance abuse issues. Access to outpatient treatment for substance abuse is difficult as there are limited numbers of providers.

Primary Health Data

The community survey process was completed by randomly selecting 210 households across Craven County using GIS technology providing us with 90% confidence and an error margin of 5.7%. The survey was loaded onto personal digital computers and surveyors went door to door. **Appendix A** contains hard copies of the Community Assessment Survey in both English and Spanish. Survey results were entered into Epi Info statistical software for data compilation. Below is a summary of the survey results.

Question #1: Listed below are health concerns in the United States. Please check the three that you are most interested about in our community.

The top five answers were as follows:

1. Cancer
2. Heart Disease
3. Diabetes
4. High Blood Pressure
5. Obesity/Overweight

Question #2: What Specific things do you think can be done to improve the health of the community?

The top five answers were as follows:

1. Education about Healthy Behavior
2. Cost of Health Care Needs to be Reduced
3. Access to Healthcare/Insurance
4. Transportation
5. Mosquito/Vector Control

Question #3: Listed below are some unhealthy behaviors that may cause poor health. Please check the top three behaviors you think keep people in our community from being healthy.

The top five answers were as follows:

1. Alcohol Abuse
2. Drug Abuse
3. Not Getting Doctor Check Ups
4. Tobacco Use
5. Lack of Exercise

Question #4: Do you consider yourself:

- Just Right - 48.4%
- Overweight - 44.9%
- Underweight - 4.0%
- Obese - 2.5%

Question #5: Do you have a child in your household that is overweight?

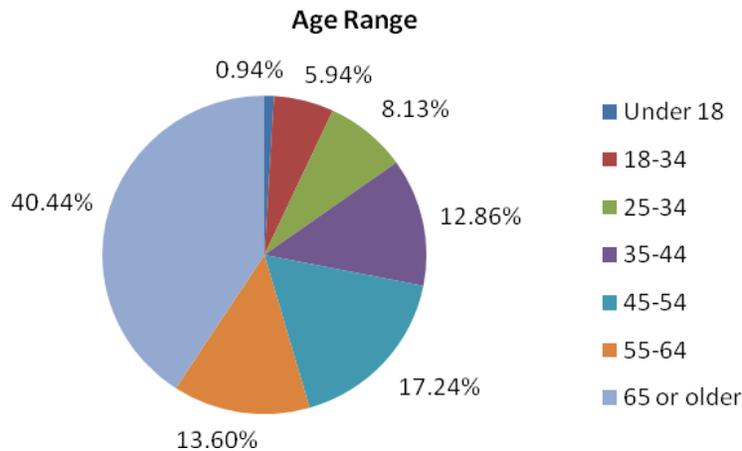
- Yes – 8.2%
- No - 91.5%
- No Answer - 0.27%

Question #6: Have you or a current family member ever been diagnosed with asthma?

- Yes - 26.75%
- No - 72.48%

Statistical Information

1. What is your age range?



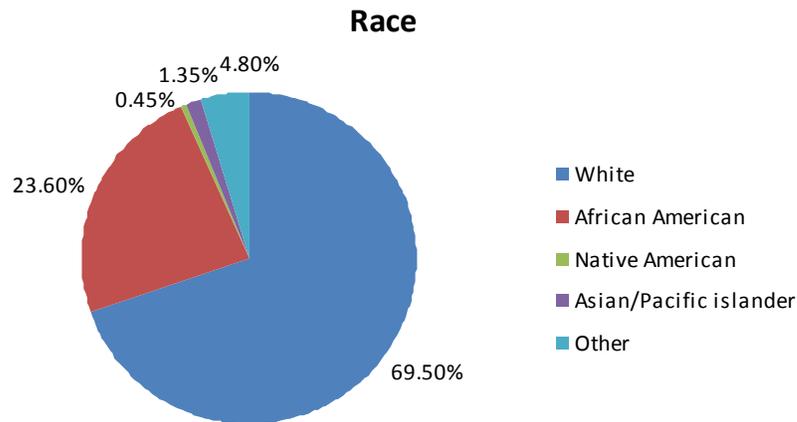
2. Are You?

- Male - 42.3%
- Female - 57.5%
- No Answer - 0.2%

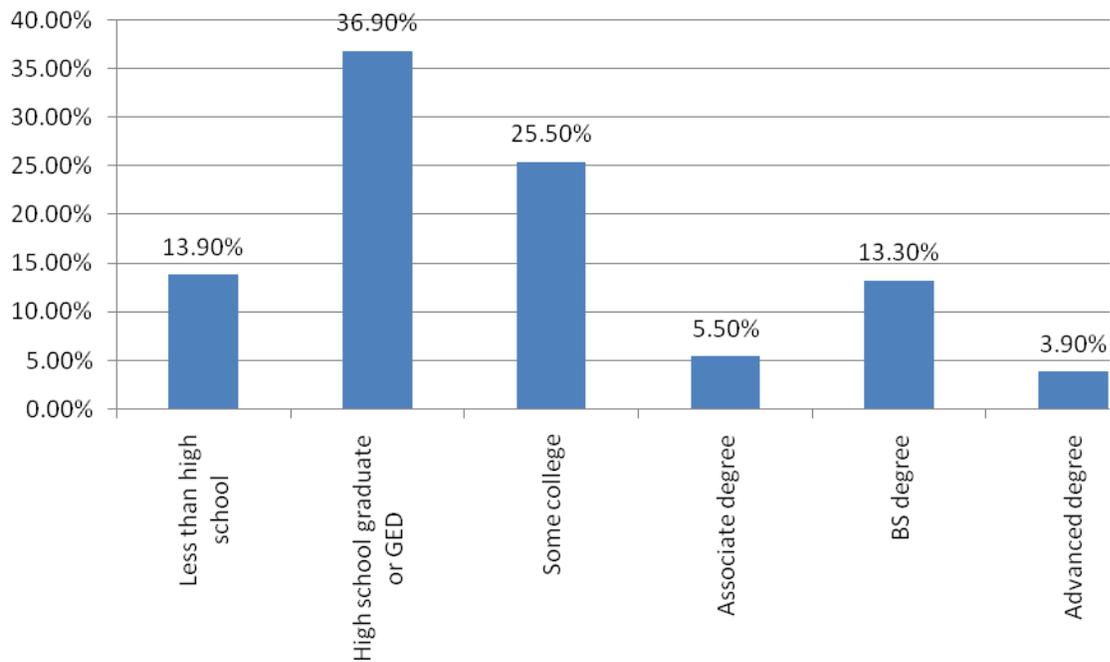
3. Are you of Hispanic Origin?

- Yes: 4.4%

4. What is your race?



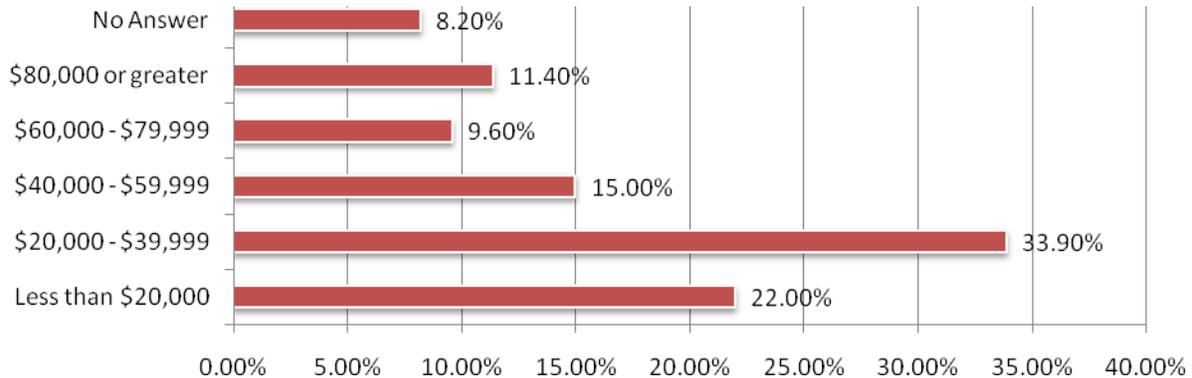
5. How much school have you completed?



6. What is your job field?

- | | |
|---------------------|----------------------|
| 1. Retired 25.0% | 7. Unemployed 4.3% |
| 2. Homemaker 13.8% | 8. Disabled 4.0% |
| 3. Government 9.6% | 9. Agriculture 2.25% |
| 4. Business 8.8% | 10. Retail 2.0% |
| 5. Industry 8.0% | 11. Student 1.6% |
| 6. Health Care 6.5% | |

7. What is your household income?



8. What type of health Insurance do you have?

- Medicare/Medicare Combination: 40.3%
- Private and or Employer Provided: 38.8%
- No Insurance: 9.1%
- Medicaid Only: 7.9%
- VA: 3.1%

9. What is your city or town?

- | | |
|------------------|----------------------|
| ▪ New Bern 51.4% | ▪ Riverdale .1% |
| ▪ Havelock 18.2% | ▪ Clarks 2.0% |
| ▪ Vanceboro 8.8% | ▪ Grifton 1.5% |
| ▪ Dover 3.5% | ▪ Fort Barnwell 1.0% |
| ▪ Cove City 3.4% | ▪ Cayton .8% |
| ▪ Rhems 2.8% | ▪ Tuscarora .5% |
| ▪ Riverbend 2.7% | ▪ Flat Swamp .3% |
| ▪ Ernul 2.5% | ▪ Spring Hope .3% |

Based on the above reported results it was determined that our results were skewed to the elderly population with 40.44% of the respondents 65 or over. The age and racial demographics are very close to those of the entire county. Next survey process we will attempt to survey on a Saturday or add an additional evening.

Health Priorities

All of the information in this report was presented to the ENRICH Healthy Carolinians Task Force and the Craven County Board of Health in a Power Point presentation. Based on the information presented they were asked to choose the top five health concerns they felt should be addressed for the next four years by both the Health Department and ENRICH.

The results are as follows:

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

Other issues that were not selected but will be addressed with existing Health Department initiatives are:

1. STI's
2. Adult Asthma

Populations at Risk

Minorities:

For just about every health indicator mentioned in this report the statistics for the minority population are higher than those for the white population. There are many reasons for these results; higher numbers of minorities live at or below poverty level, cultural factors and access to health care are just a few. The Craven County Health Department and ENRICH continue to be dedicated to closing the gap. The health department offers access to those who are unable to pay due to income, we provide interpreter services for those who are not English proficient and we also consider cultural sensitivity an important customer service.

Uninsured/Underinsured:

With the current cost of health care and health insurance the numbers of uninsured in Craven County will only continue to grow, we already exceed state rates for those 17 and older. Access to health care for this population is limited. Many are denied access due to an inability to pay a medical bill in full. Often a diagnosis is made too late; therefore, resulting in a poor prognosis. Much work needs to be done to plan for the needs of this population. We do have the MERCI clinic located in New Bern; however they are a nonprofit organization that depends upon donations and grant monies for survival. They cannot begin to provide care for all of those who are or will be in need.

Elderly:

Due to our moderate climate and our beautiful waterways, Craven County has become an attractive retirement location. As a result, our numbers of senior individuals is growing. The cost of health care is a significant factor for this population. As we age, it is a fact of life that we will encounter more health issues. Medicare provides some coverage for the cost of health care but does not cover all of the costs. We have expanded the quantity of life for our aged, but not the quality of life. Here in Craven County we take our seniors and their health issues very seriously and many of our priorities are those disease processes seen more frequently in this population.

Summary

Through strong community partnerships a strategic plan will be formulated based on these issues and an effort will be made to address each priority with at least one initiative in the next four years. The issues identified in this report will serve as a guide for the future course of both the Craven County Health Department and the ENRICH Healthy Carolinians task force.

A special thanks goes out to all of those groups and individuals whose team efforts made this document a successful report.

References

- Behavioral Risk Factor Surveillance System (BRFSS);** 2005; <http://www.cdc.gov/brfss>
- Chamber of Commerce, New Bern, NC;** <http://www.newbernchamber.com>
- Craven County Health Department;** <http://www.cravencounty.com>
- Craven County Schools;** <http://schools.craven.k12.nc.us/>
- Craven County website;** <http://www.cravencounty.com>
- Economic Development Commission;** <http://www.craven.acn.net>
- Havelock, City of;** <http://www.cityofhavelock.com>
- National Center for Health Statistics;** <http://www.cdc.gov/nchc>
- National Health and Nutrition Examination Survey;** <http://www.cdc.gov/nchs/nhanes.htm>
- NC Department of Commerce;** <http://www.commerce.state.nc.us>
- NC Division of Tourism;** <http://www.visit.nc.org>
- NC Employment Security Commission;** <http://www.esc.state.nc.us>
- NC office of State Planning;** <http://www.ospl.state.nc.us>
- NC State Center for Health Statistics;** <http://www.schs.state.nc.us>
- NC State Bureau of Investigation;** <http://sbi.jus.state.nc.us>
- New Bern, City of;** <http://www.ci.new.bern.nc.us>
- UNC Sheps Center for Health Services Research;** www.shepscenter.unc.edu
- US Census Bureau;** <http://quickfacts.census.gov/qfd/states/37/37049.html>

Appendix A



Craven County

Community Health Assessment Survey



1. Listed below are health concerns in the United States. Please check the three that you are most concerned about in our community.

- | | | |
|---|--|--|
| <input type="checkbox"/> Access to health care | <input type="checkbox"/> Flu/Pneumonia | <input type="checkbox"/> Obesity/Overweight |
| <input type="checkbox"/> Accidental Injuries (Burns, Poisoning) | <input type="checkbox"/> Food Poisoning | <input type="checkbox"/> Respiratory Lung Disease |
| <input type="checkbox"/> Air or Water Pollution | <input type="checkbox"/> Heart Disease | <input type="checkbox"/> Sexual Assault/Rape |
| <input type="checkbox"/> Alzheimer's/Dementia | <input type="checkbox"/> High Blood Pressure | <input type="checkbox"/> Sickness from animals (Rabies, West Nile) |
| <input type="checkbox"/> Asthma | <input type="checkbox"/> HIV/AIDS | <input type="checkbox"/> Stroke |
| <input type="checkbox"/> Cancer | <input type="checkbox"/> Infant Deaths | <input type="checkbox"/> Suicide |
| <input type="checkbox"/> Car Accidents | <input type="checkbox"/> Lack of Basic Needs (Food, Water, Home) | <input type="checkbox"/> Water Safety/Drowning |
| <input type="checkbox"/> Dental Health Problems | <input type="checkbox"/> Liver Disease | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Diabetes | <input type="checkbox"/> Mental Health | |

2. What specific things do you think can be done to improve the health of the community?

3. Listed below are some unhealthy behaviors that may cause poor health. Please check the top three behaviors you think keep people in our community from being healthy.

- | | | |
|---|---|--|
| <input type="checkbox"/> Alcohol Abuse | <input type="checkbox"/> Not Getting Doctor Check Ups | <input type="checkbox"/> Poor Hand Washing |
| <input type="checkbox"/> Child Abuse | <input type="checkbox"/> Not Getting Immunizations | <input type="checkbox"/> Reckless Driving |
| <input type="checkbox"/> Domestic Violence | <input type="checkbox"/> Not Using Child Safety Seats | <input type="checkbox"/> Teen Pregnancy |
| <input type="checkbox"/> Drinking & Driving | <input type="checkbox"/> Not Using Helmets (Bicycle, ATV) | <input type="checkbox"/> Tobacco Use |
| <input type="checkbox"/> Drug Abuse | <input type="checkbox"/> Not Using Seat Belts | <input type="checkbox"/> Unsafe Sex |
| <input type="checkbox"/> Elder Abuse | <input type="checkbox"/> Poor Dental Care | <input type="checkbox"/> Violent Behavior |
| <input type="checkbox"/> Lack of Exercise | <input type="checkbox"/> Poor Eating Habits | <input type="checkbox"/> Youth Violence |
| <input type="checkbox"/> Other _____ | | |

4. Do you consider yourself: (Please Check One)

- Overweight Underweight Obese Just Right

5. Do you have a child in your household that is overweight? (Please Check One)

Yes No

6. Have you or a current family member ever been diagnosed with asthma? (Please Check One)

Yes (How Many? _____) No

STATISTICAL INFORMATION:

1. What is your age range?

Less than 18 45-54
 18-24 55-64
 25-34 65 or older
 35-44

2. Are You?

Male Female

3. Are you of Hispanic origin?

Yes No

4. What is your race?

White/Caucasian Asian/Pacific Islander
 Black/African American Other _____
 Native American

5. How much school have you completed?

Less than a high school graduate Associate degree
 High school graduate or GED Four-year degree (Bachelors)
 Some college Advanced degree in college (Masters, PhD)

6. What is your job field?

Agricultural Health Care
 Business Student
 Industry Homemaker
 Government Unemployed
 Education Other (please list) _____

7. What is your household income?

Less than \$20,000 \$60,000 - \$79,999
 \$20,000 - \$39,999 \$ 80,000 or greater
 \$40,000 - \$59,999

8. What type of health insurance do you have?

Medicare Private and/or Employer-provided Insurance
 Medicaid Other (please list) _____
 No Insurance

9. What is Town? _____

10. What is your zip code? _____



CONDADO DE CRAVEN ENCUESTA DE LA EVALUACION DE SALUD DE LA COMUNIDAD



1. Esta es una lista de preocupaciones de salud en los Estados Unidos. Por favor de marcar **tres** de estas que ha usted le preocupa mas en nuestra comunidad.

- | | | |
|---|---|---|
| <input type="checkbox"/> Acceso al cuidado de Salud | <input type="checkbox"/> Flu/Pulmonía | <input type="checkbox"/> Salud Mental |
| <input type="checkbox"/> Lesiones Accidentales
(Quemaduras,Envenenamiento) | <input type="checkbox"/> Envenenamiento de Alimentos | <input type="checkbox"/> Obesidad/Sobrepeso |
| <input type="checkbox"/> Contaminación
(Aqua/Aire) | <input type="checkbox"/> Enfermedades del Corazon | <input type="checkbox"/> Enfermedad Respiratoria del Pulmon |
| <input type="checkbox"/> Alzheimer's/Demencia | <input type="checkbox"/> Presion Sanguinea Alta | <input type="checkbox"/> Asalto Sexual/Violacion |
| <input type="checkbox"/> Asma | <input type="checkbox"/> VIH/SIDA | <input type="checkbox"/> Enfermedades de Animales (Rabia, Nilo Oeste) |
| <input type="checkbox"/> Cancer | <input type="checkbox"/> Muerte Infantil | <input type="checkbox"/> Derrame |
| <input type="checkbox"/> Accidentes de Carros | <input type="checkbox"/> Falta de Necesidades Basica
(Comida,Agua,Hogar) | <input type="checkbox"/> Suicidio |
| <input type="checkbox"/> Problema de Salud Dental | <input type="checkbox"/> Enfermedad del Higado | <input type="checkbox"/> Seguridad en el Agua/ Ahogamient |
| <input type="checkbox"/> Diabetes | | <input type="checkbox"/> Otra |

2. Que cosas en especifico usted cree que se pueden hacer para mejorar la Salud en la Comunidad?

3. Esta es una lista de Conducta insalubre que puede causar una salud pobre. Por favor de marcar las **Tres** conductas que usted cree que puede prevenir nuestra comunidad de ser saludable.

- | | | |
|--|--|--|
| <input type="checkbox"/> Abuso de Alcohol | <input type="checkbox"/> No hacerse chequeos medicos | <input type="checkbox"/> lavado de mano pobre |
| <input type="checkbox"/> Abuso de ninos | <input type="checkbox"/> No recibir vacunaciones | <input type="checkbox"/> Manejando Descuidado |
| <input type="checkbox"/> Violencia Domestica | <input type="checkbox"/> No usar los asientos de Para ninos | <input type="checkbox"/> Embarazo en los jóvenes |
| <input type="checkbox"/> Tomar y manejar | <input type="checkbox"/> No usar los cascos (bicicleta,ATV) | <input type="checkbox"/> Uso de tabaco |
| <input type="checkbox"/> Abuso de droga | <input type="checkbox"/> No usar los cinturones De seguridad | <input type="checkbox"/> Sexo sin proteccion |
| <input type="checkbox"/> Abuso a los mayores | <input type="checkbox"/> Salud Dental Pobre | <input type="checkbox"/> Conducta Violenta |
| <input type="checkbox"/> Falta de Ejercicio | <input type="checkbox"/> Habitros de Alimentos pobre | <input type="checkbox"/> Violencia juvenil |
| <input type="checkbox"/> Otro | | |

4. Usted se considera(Por favor de marcar uno)

- Sobrepeso
 Bajopeso
 Obeso
 Justamente bien

Craven County Community Health Assessment Survey



1. Listed below are health concerns in the United States. Please check the three that you are most concerned about in our community.

- | | | |
|---|--|--|
| 2.43% Access to health care | 1.07% Flu/Pneumonia | 6.58% Obesity/Overweight 5th |
| 1.33% Accidental Injuries
(Burns, Poisoning) | 1.01% Food Poisoning | 2.29% Respiratory Lung Disease |
| 5.58% Air or Water Pollution | 9.32% Heart Disease 2nd | 1.91% Sexual Assault/Rape |
| 6.45% Alzheimer's/Dementia | 9.13% High Blood Pressure 4th | 2.11% Sickness from animals
(Rabies, West Nile) |
| 1.98% Asthma | 3.53% HIV/AIDS | 2.86% Stroke |
| 14.7% Cancer 1st | 0.77% Infant Deaths | 0.4% Suicide |
| 5.2% Car Accidents | 3.81% Lack of Basic Needs
(Food, Water, Home) | 1.27% Water Safety/Drowning |
| 2.59% Dental Health Problems | 0.26% Liver Disease | 1.65% Other-totaled 12* |
| 9.23% Diabetes 3rd | 1.52% Mental Health | 1.03% No Answer |

Other	#	% of Question	% of Total
Police presence / law enforcement	5	38.369	.63
Access to healthcare/medication/insurance	2	23.802	.39
Other	3	22.051	.36

Water quality	1	9.529	.16
Mosquito / vector control	1	6.25	.10
Total	12	100	1.65

Primary Survey Results

Working Together For Your Health

Craven County Health Department 2818 Neuse Blvd PO Drawer 12610 New Bern, NC 28561 (252) 636-4920

2. What specific things do you think can be done to improve the health of the community?

We did not provide answers on the survey form, but the surveyors were instructed to group the answers given into one of these broad categories. There were 71 “Other”, which have been merged into similar answers and are listed below.

	#	%
Other	71	36.343
Education about healthy behavior	53	22.963
Costs of healthcare needs to be reduced	45	18.651

Access to services needs improvement	19	11.116
Transportation needs improvement	17	7.365
No Answer	7	3.562
	212	100

	#	%
Access to healthcare/medication/insurance	13	19.237
Mosquito / vector control	8	11.296
Water (recreational) quality	6	9.868
Police presence / law enforcement	8	8.967
Information about resources	5	8.718
Diet / nutrition / healthy food	6	7.196
Unsure	4	7.094

Community involvement / pride	5	5.507
No answer	3	5.235
Other	4	4.902
Air pollution / quality	4	4.197
Exercise	3	3.019
Better Education	1	2.73
No smoking inside	1	2.04
Total	71	100.00

3. Listed below are some unhealthy behaviors that may cause poor health. Please check the top three behaviors you think keep people in our community from being healthy.

- | | | |
|-----------------------------------|--|------------------------------|
| 15.29% Alcohol Abuse 1st | 11.23% Not Get Doctor Check Ups 3rd | 1.47% Poor Hand Washing |
| 2.16% Child Abuse | 1.67% Not Getting Immunizations | 3.20% Reckless Driving |
| 3.02% Domestic Violence | 0.55% Not Using Child Safety Seats | 1.72% Teen Pregnancy |
| 8.31% Drinking & Driving | 0.85% Not Using Helmets
(Bicycle, ATV) | 8.97% Tobacco Use 4th |
| 12.93% Drug Abuse 2nd | 1.06% Not Using Seat Belts | 2.35% Unsafe Sex |
| 1.02% Elder Abuse | 1.22% Poor Dental Care | 1.52% Violent Behavior |
| 8.72% Lack of Exercise 5th | 8.33% Poor Eating Habits | 1.40% Youth Violence |
| 1.51% Other – totaled 9** | 1.5% No Answer | |

**OTHER	#	% of Answer	% of Total
Don't know	1	25.5	.39
Obesity	1	22.0	.33
Lack of Information on Mental Health	1	14.8	.22
Elderly Abuse in Nursing Homes	1	12.9	.19

Lack of Awareness	1	7.7	.12
Education	1	7.4	.11
Alcohol and Drugs	1	4.7	.07
Poor Health Care	1	2.5	.04
Speeding	1	2.5	.04
Total	9	100	1.51

Working Together For Your Health

Craven County Health Department 2818 Neuse Blvd PO Drawer 12610 New Bern, NC 28561 (252) 636-4920

4. Do you consider yourself: (Please Check One)

98 (44.9%) Overweight, 8 (4.0%) Underweight, 5 (2.5%) Obese, 100 (48.4%) Just Right, 1 (.3%) No Answer

5. Do you have a child in your household that is overweight? (Please Check One)

17 (8.2%) Yes 194 (91.5%) No 1 (0.27%) No Answer

6. Have you or a current family member ever been diagnosed with asthma? (Please Check One)

54 (26.75%) Yes 156 (72.48%) No
(How Many? 1 family member = 42 (19.66%), 2 = 7 (4.70%), 3 = 2 (0.81%), 5 = 1 (0.31%),

STATISTICAL INFORMATION:

2. What is your age range?

2 (0.97%) Less than 18 41 (17.24%) 45-54
12 (5.94%) 18-24 31 (13.66%) 55-64
12 (8.13%) 25-34 82 (40.44%) 65 or older
31 (12.86%) 35-44

2. Are You?

90 (42.3%) Male 121 (57.5%) Female 1 (0.2) No Answer

3. Are you of Hispanic origin?

7 (4.4%) Yes 203 (94.9%) No 1 (0.5%) Not Sure 1 (0.27%) No Answer

4. What is your race?

148 (69.5%) White/Caucasian 2 (1.35%) Asian/Pacific Islander
51 (23.6%) Black/African American 9 (4.8%) Other - Total of 9 answered ***
1 (0.45%) Native American 1 (.27%) No Answer

***OTHER (total of 9 answered): 6 Hispanic / Latino, and 3 Listed a Multi-Cultural category

5. How much school have you completed?

32 (13.9%) Less than a high school graduate 11 (5.5%) Associate degree
79 (36.9%) High school graduate or GED 25 (13.3%) Four-year degree (Bachelors)
55 (25.5%) Some college 8 (3.9%) Advanced degree in college (Masters, PhD)
2 (0.9%) No Answer

6. What is your job field?

5 (2.25%) Agricultural 14 (6.5%) Health Care
24 (8.8%) Business 3 (1.6%) Student
19 (8.0%) Industry 26 (13.8%) Homemaker
20 (9.6%) Government 7 (4.3%) Unemployed
7 (4.05%) Education 86 (40.8%) Other (please list)
1 (.27%) No Answer

JOB OTHER	#	% of Answer	% of Total
Retired	52	61.486	25.1
Other	19	23.362	9.5

Disabled	8	9.041	3.7
Retail	5	6.132	2.5
Total	84	100	40.8

Working Together For Your Health

Craven County Health Department 2818 Neuse Blvd PO Drawer 12610 New Bern, NC 28561 (252) 636-4920

7. What is your household income?

50 (22.0%) Less than \$20,000
 67 (33.9%) \$20,000 - \$39,999
 31 (15.0%) \$40,000 - \$59,999

21 (9.6%) \$60,000 - \$79,999
 22 (11.4%) \$80,000 or greater
 21 (8.2%) No Answer

8. What type of health insurance do you have?

21 (10.1%) Medicare
 12 (6.6%) Medicaid
 1 (.27%) No Answer

85 (38.8%) Private and/or Employer-provided Insurance
 73 (35.1%) Other (please list) _____
 20 (9.1%) No Insurance

INSURANCE OTHER	#	%	% of Total
VA	6	9.0	3.1
<i>Medicaid and Medicare</i>	11	19.5	6.9
Medicaid with or without private	4	3.6	1.3

Medicare combinations	51	66.5	23.3
Other	1	1.4	.5
TOTAL	73	100	35.1

9. What is your Town? _____

10. What is your zip code? _____

TOWN	#	%
NEW BERN	124	51.443
HAVELOCK	26	18.17
VANCEBORO	19	8.782
DOVER	8	3.450
COVE CITY	7	3.407
RHEMS	3	2.83
RIVERBEND	3	2.746
ERNUL	5	2.519

CLARKS	2	2.0
GRIFTON	3	1.547
FT BARNWELL	3	1.045
CAYTON	3	.83
TUSCARORA/NEW BERN	1	.476
FLAT SWAMP	1	.348
SPRINGHOPE	1	.277
RIVERDALE	1	.131
Total	210	100

ZIP	#	%
0	2	.782
28523 - Cove City	7	3.380
28526 - Dover	12	4.805

28527 - Ernul	8	3.323
28530 - Grifton	3	1.535
28532 - Havelock	26	18.028
28560 - New Bern	51	16.202

28562 - New Bern (outlying)	84	43.231
28586 - Vanceboro	19	8.713
TOTAL	212	100

Primary Survey Results

Working Together For Your Health

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