

ANNUAL REPORT 2015



Cumberland County Department of Public Health



Public Health
Prevent. Promote. Protect.

A warm, orange-toned photograph of a woman with long dark hair smiling broadly while holding a baby. The baby is wearing a light-colored, textured outfit with a ruffled collar and small floral details. The background is softly blurred, showing what appears to be a window with blinds.

Mission

To provide high quality service in a professional, efficient, and fiscally responsible manner while improving the health of Cumberland County

Vision

To have healthy people living in a healthy community

Values

Innovation Seek, explore and invent new ways to serve our community through disease prevention and health promotion

Collaboration Partner with various community organizations as a means to strengthen our ability to meet the needs of our community

Integrity Doing the right thing based on wisdom, knowledge, truth and respect

Diversity Respecting the nobility, value and uniqueness of each human being

Quality Always striving for excellence

Table of Contents

Introduction	4
Leadership Team	5
Awards	6
Grants	8
Teen Wellness Task Force/RealTalk	10
Environmental Health	12
Care Management Program Services	14
Women, Infants, and Children Nutrition Program	16
Women’s Preventive Health Services	18
Adult, Immunization & Dental Clinics.....	20
Child Health Clinic	
School Health.....	21
Communicable Disease Control.....	22
Jail Health.....	23
Tobacco Control	24
Preparedness	25
Health Education	
Pharmacy.....	26
Medical Laboratory	
Medical/Vital Records.....	27
Human Resources	
Student Internships	
Finance	Back Cover

Introduction

The Cumberland County Department of Public Health provides an array of services to the citizens of the county. The department's mission is to provide high-quality service in a professional, efficient and fiscally responsible manner while improving the health of Cumberland County.

Federal, state and county tax dollars help fund the Health Department. Grants and fees for service generate additional funds. The Department of Public Health is governed by the Cumberland County Board of Health, which is composed of 11 members appointed by the County Board of Commissioners.

The Health Department was founded in 1911 as the Cumberland County/Fayetteville City Board of Sanitation and Health, but it had no paid employees. In 1923, a part-time physician and two nurses were hired as the first paid employees.

Today, the department has a budget of over \$20 million and 282 employees working from the Public Health Center located at 1235 Ramsey Street and three satellite offices. A variety of personnel are employed including physicians, public health nurses, finance staff, communicable disease control specialists, community health assistants, computer personnel, dentists, dental assistants and a hygienist, environmental health specialists, public health educators, housekeepers, licensed practical nurses, medical lab personnel, management support staff, nutritionists, pharmacists, physician extenders and social workers.

Board of Health

Christopher Frank, Chair
Public Representative

Barbara Stelly, Vice Chair
Public Representative

Pamela Pollock
Registered Nurse

Dr. Sanjay Shah
Physician

Dr. Oliver Hodge, Jr.
Dentist

Dr. Carl Creech
Pharmacist

Dr. William Philbrick
Optometrist

David Greyshock
Professional Engineer

Dr. Vikki Andrews
Public Representative

Dr. Heather Burkhardt
Veterinarian

Dr. Jeannette Council
Commissioner

The Leadership Team



The Cumberland County Department of Public Health is committed to addressing key health issues to improve health outcomes for Cumberland County. Public Health has a variety of long-term partnerships with community and collaborative partners, which consistently work together to address the key health issues identified in the Community Health Assessment.

The Leadership Team assists the Public Health Director in accomplishing the department's goals and directives and ensuring the agency provides the 10 Essential Public Health Services, as well as many others, to all community members in order to have healthy people living in a healthy community. The Leadership Team meets on a weekly basis to review progress on goals and directives.

The Leadership Team consists of: Buck Wilson, Public Health Director; Rod Jenkins, Deputy Health Director; Dolly Huffman Clayton, Local Public Health Administrator; Dr. Lan Tran-Phu, Medical Director; Wanda Tart, Director of Nursing; Daniel Ortiz, Environmental Health Director; Candi York, Accountant; John Holmes, Human Resources; and Ashley Yun, Administrative Assistant to the Public Health Director.



Pictured front row, left to right: Wanda Tart, Director of Nursing; Dr. Lan Tran-Phu, Medical Director; Ashley Yun, Administrative Assistant to the Public Health Director; Candi York, Accountant;
Back Row, left to right: Rod Jenkins, Deputy Health Director; John Holmes, Human Resources; Daniel Ortiz, Environmental Health Director; Dolly Huffman Clayton, Local Public Health Administrator; and Buck Wilson, Public Health Director.

Board of Health Receives Award



The Cumberland County Board of Health was named the 2015 Outstanding Board of Health of the Year by the Association of North Carolina Boards of Health for their leadership in public health accomplishments. The 2015 Board of Health Chair, Mr. Chris Frank, accepted the award on January 20, 2016, at the State Health Director's Conference in Raleigh. Throughout 2015, the Board of Health focused on areas in legislative/government, collaborations/partnerships, innovation, health department activities and volunteer efforts to support public health initiatives throughout the community and to strengthen the Cumberland County Department of Public Health and its efforts to create a healthy community for everyone.

Pictured left to right: Mr. Rod Jenkins, Deputy Health Director; Dr. Vikki Andrews, BOH member; Ms. Barbara Stelly, 2016 BOH Chair; Mr. Chris Frank, 2015 BOH Chair; Mr. Buck Wilson, Health Director. **Not pictured:** 2015 BOH Members: Dr. Heather Burkhardt, Dr. Oliver Hodge, Dr. Carl Creech, Dr. Jeannette Council, Dr. William Philbrick, Ms. Pamela Pollock, Mr. David Greyslock and Dr. Sanjay Shah.

NCPHA Awards

The Cumberland County Department of Public Health recognizes our success is due to our collaborative partners and excellent staff. It is with great pride that we share these North Carolina Public Health Association (NCPHA) awards presented at the 2015 NCPHA Conference in September.



Cape Fear Regional Bureau for Community Action, Inc.

Norton Group Award

Cape Fear Regional Bureau for Community Action, Inc.

The Norton Group Award is given to a group for outstanding cooperation and service to public health in North Carolina during the past year. Pictured left to right: Dr. Danny Ellis, Dr. Karen L. Smith, Ashley Rozier, Lisa Macon Harris, & Marlon Hunter

Partners in Public Health Distinguished Group Award

Dr. Esther Smith

This award was established in 1998 to recognize other organizations and professions who have made significant contributions to public health in North Carolina.



Left to right: Dr. Esther Smith, Lisa Macon Harris, & Marlon Hunter

All-Star Awards Laconial Esters

Public Health All-Star Awards are given to someone who epitomizes "Public Health."

Outstanding Contributions to Social Work in Public Health Award Carolyn Barnes

Awarded to an outstanding social worker in recognition of contributions to public health social work.



Laconial Esters



Carolyn Barnes

Jeanne Palmer Health Educator Excel Award

Phyllis McLymore

Awarded to an outstanding health educator in recognition of contributions to promoting the health and well-being of North Carolina residents and/or the health education profession.

NCPHA Service Awards: 25 years

Theresa Renzi and Marian Kuczero

Service awards are provided to individuals who have served in public health 25, 30, 35 and 40 years.



Krystle Vinson



Phyllis McLymore

Nursing Leadership Scholarship Krystle Vinson

Ebola Preparedness Recognition Awards

Alicia Kornegay, Sherrie Miller, Greg Phillips, Heather Salisbury, Sharon Stanley and Buck Wilson

Grant Awards

In 2015, the Cumberland County Department of Public Health was successful in its pursuit of grant funding. The department was awarded \$694,000 in grants. The awards include the following:

2015 FDA Cooperative Long-Term Grant: \$350,000

Awarded to Environmental Health as part of a five-year grant program; \$70,000 per year to fund a new position, the Program Standards Coordinator, responsible for implementing the Retail Program Standards under the direction of the Environmental Health Director.

2015 AFDO: \$3,000

Awarded to Environmental Health to create an updated training manual that includes Retail Program Standards (standardization practices for new and seasoned employees in the Food and Lodging section.)

2015 AFDO: \$20,000

Awarded to Environmental Health to update its online data repository in order to better capture, track, and report information from inspections, visits, complaints and other contact with permitted establishments. Once this update is complete, Environmental Health hopes to share the additional capabilities with users across the state.

2015 AFDO: \$3,000

Awarded to Environmental Health to fund travel costs so three staff could attend the 2015 annual FDA Southeast Food Safety Seminar in Baton Rouge, Louisiana.

2015 Delta Dental Award: \$2,000

Awarded to the Dental Clinic to host clinic tours for Head Start children and help reduce the children's anxiety about visiting the dentist.

2015 Oral Health Award: \$16,000

Awarded to Dental Clinic to provide training to the dental hygienist and to offer sealants to school children and expand services to pregnant women.

2015 Teen Pregnancy Prevention Initiative-Adolescent Parenting Program: \$300,000

Awarded as part of a four-year grant program; \$75,000 per year to offer a new program, the Adolescent Parenting Program, to pregnant and parenting teens to encourage them to pursue their high school education and improve their health and the health of their children and to reduce unintended pregnancies.



Teen Wellness Task Force and Real Talk



The 2014 pregnancy rate for Cumberland County teens ages 15-19 is **46.9** out of every 1,000 girls

Teenage pregnancy prevention awareness is one area of collaboration with the ongoing efforts of the Teen Wellness Task Force (TWTF) and its annual *Real Talk* event, which occurred in April 2015 at South View High School.

The *Real Talk* event strives to inform, educate and empower community members, teens and adults about the issue of teen pregnancy prevention. At the 2015 event, information about teen pregnancy statistics was provided and both the Pine Forest and South View High Schools' Teen Peer Education Program (PEP) groups presented skits. In addition, more than 40 exhibitors shared information about their services and opportunities.

The 2014 pregnancy rate for Cumberland County teens ages 15-19 was 46.9 out of every 1,000 girls. The 2014 pregnancy rate for North Carolina teens ages 15-19 was 32.3 out of every 1,000 girls. The county's statistics show a decrease in teen pregnancies of 3.5 percent since 2013; but there is still a lot of work to be done in Cumberland County.

The task force continues to increase awareness about teen pregnancy in order to decrease the number of teen pregnancies in the county.



Environmental Health Promotes Public Health Safety



The Environmental Health Division prevents environmental contamination and promotes public health safety for the citizens and visitors of Cumberland County through inspections, education and enforcement of state and local rules/regulations. In 2015, a total of **3,492** environmental and sanitation inspections were completed for restaurants, daycares, hotels, institutions, tattoo parlors and other establishments. Environmental Health also issued permits, provided consultative visits, completed soil evaluations, collected water samples and investigated complaints.

Summer Food Service Program

Throughout the summer months, Environmental Health participated in the Summer Food Service Program, which included site inspections of more than **79** locations throughout Cumberland County. The Summer Food Service Program's intent is to ensure that low-income children continue to receive nutritious meals when school is not in session. Free meals that meet federal nutrition guidelines are provided to all children 18 years old and under at approved sites.

Temporary Food Establishments

Environmental Health staff inspected and permitted temporary food establishments (TFEs) for more than 80 events held in the county throughout 2015. Some of the more popular events included the Cumberland County Fair, the Dogwood Festival, the International Folk Festival and Fayetteville State University's Homecoming. Environmental Health Specialists permitted more than 16 individual food vendors at some of these events to ensure the public is protected against foodborne illnesses.

Environmental Health joined the FDA Retail Program Standards in 2014. In 2015, four Program Standard grants were awarded. Three of the four grants totaling \$26,000 were awarded through the Association of Food and Drug Officials (AFDO). The fourth grant of \$70,000 per year for five years, totaling \$350,000, was awarded through FDA for Advancing Conformance with the Voluntary National Retail Food Regulatory Program Standards. The program consists of nine standards; each one focused on necessary requirements to be more uniform and consistent in providing quality risk-based inspections and reduce foodborne illness across the United States.

Mosquito Control

In an effort to combat the mosquito population, Environmental Health's Mosquito Prevention Program provided **2,300** four-month supplies of mosquito dunks free to Cumberland County residents.

Water Quality

By December 2015, construction on a public water line extension project for the Bullard Circle community was nearing completion. This potable drinking water project was the result of an arsenic investigation completed in 2014 in which 27 private wells were found to have significant levels of arsenic.

Rabies Vaccination Clinics

In April 2015, Environmental Health Specialists worked to protect dogs and cats by providing rabies vaccination clinics at predetermined sites in the county. In addition to the multi-site Spring clinics, the department expanded services and held a Fall clinic in October that resulted in the administration of **1,727** rabies vaccinations.

Permits Issued

213

Food and Lodging
(new permits)

418

Septic System Repair/
New Construction

129

Well (new permits)

Complaint Investigation

238

Food and Lodging

70

Sewage

40

General Sanitation

10

Smoking

4,167

Consultative Visits/
Contacts

425

Water Samples

The Cumberland County Department of Public Health's high-risk care management programs recognized their fifth year of service on March 1, 2016. These services are provided by public health social workers and nurses. The programs continue to work diligently toward achieving positive birth and health outcomes for the women, children and families of Cumberland County by providing excellent quality care.

Care Coordination for Children (CC4C) and **Pregnancy Care Management (PCM)** continue to be pacesetters for other programs throughout the state. Care Managers extend their services beyond a phone call, meeting clients in the community during visits to the patient's home, Pregnancy Medical Home, primary and pediatric offices, hospital and other locations. Developing a longstanding referral base cultivates services that meet most program and patient needs.

The care management teams have built great partnerships. Retaining and fostering new relationships such as collaborating with Alliance Behavioral Health, Alcohol/Drug Council of North Carolina Perinatal Substance Use Project and Southern Regional Area Health Education Center (SR-AHEC) allows the staff to better support the patients. Maintaining positions on various community committees and boards and participating in community events, such as Homeless Stand Down, Community Connections Resource Fair and the Foster Parent Summit, keep the focus on providing quality healthcare services to women, children and families.



Care Management Program Services

Pregnancy Care Management

Pregnant and postpartum women receive supportive health, medical and educational services to improve and promote healthier pregnancies and births. Pregnancy Medical Homes continue to work with Pregnancy Care Managers by screening and referring patients with high-risk conditions. Care Management encourages early and continuous prenatal care, positive mental and physical health and continuation of primary medical care.

Provision of services for the 2015 year includes, but is not limited to, the following patient-related activities:

Unique patients contacted	2,177
Completed patient phone calls	11,661
Home visits	318
Hospital visits	79
Pregnancy assessments	9,275
Correspondence	2,864
Pregnancy Medical Home visits	537
Face-to-Face patient encounters	933

Care Coordination for Children

The population of infants and children who have been admitted to neonatal intensive care units (NICU), have chronic medical conditions, live in a toxic and stressful environment or receive foster care services through the Department of Social Services (DSS) has fluctuated over the year. Care Management focuses on connecting patients with a primary medical home, home health medical services, developmental therapy and local and out-of-county medical specialists to ensure they receive necessary care.

Provision of services for the 2015 year includes, but is not limited to, the following patient related activities:

Continuous Benchmark ranking throughout the state with Data Dashboard performance measures.	
Unique patients contacted	3,584
Completed patient phone calls	26,117
Home visits	1,285
Comprehensive health assessments	11,934
Face-to-face patient encounters	2,132
Primary Medical Home visits	435
Correspondence	8,730

Women, Infants, and Children Nutrition Program



The Cumberland County WIC Program is the **third largest** program in the state.

The Women, Infants, and Children (WIC) Program is a supplemental food and nutrition program that has been operating in Cumberland County since 1978. The Cumberland County WIC Program is the third largest WIC program in the state. Services are provided daily at the Public Health Center and two full-service satellite clinics in Hope Mills and Spring Lake. The program offers extended hours to 7 p.m. on Tuesdays at the main site and on Mondays at the Hope Mills location. The clinics operate during lunch hours and walk-ins are welcome daily. The program's goal is to promote healthful lifestyle behaviors and provide current, sound nutrition guidance to all eligible pregnant, post-partum and breastfeeding women, as well as infants and children up to age 5, by offering a combination of nutrition education and supplemental foods. In most recent years, the food packages have been expanded to include fruits, vegetables and whole grains. In January 2015, the state implemented a standard issuance of 1% low-fat milk to women and healthy weight children over 2 years of age. This change is in an effort to help combat the incidence of childhood obesity in North Carolina. In October 2015, whole-grain pasta and low-fat yogurt were added to the food package. According to the most recent data, the incidence of children ages 2 to 4 years who received WIC services in Cumberland County has declined by 5.7 % in the last three-year period surveyed. The program strives to provide a warm and friendly environment for WIC Program clients. There is a lactation room where mothers can have a comfortable setting to breastfeed infants in private, if desired, while attending clinic appointments. Due to the overall decline in WIC participation across the state and the country, the 2015 basic assigned monthly client base caseload is **13,471**, down from **14,760** in 2014. The most current participation report from the state revealed that from January 2015 to September 2015 the Cumberland County WIC Program had a monthly participation of **13,123** participants, which meets the 97% participation requirement to maintain funding at current levels.

The North Carolina WIC Program Crossroads computer system, which was implemented in July 2014, is working very well. The system was updated several times in 2015, which has alleviated any initial flaws in the system. Crossroads continues to streamline the WIC process and improves overall customer service and quality, thereby reducing customer wait times.

The Cumberland County WIC Program participated in multiple community outreach events during 2015.

WIC is a major contributor to local breastfeeding support efforts and actively participates in the Cumberland County Breastfeeding Coalition. The coalition's mission is to promote, protect and support breastfeeding through a cooperative network of individuals, agencies and organizations in Cumberland County. It is made up of representatives from area hospitals, the WIC Program, community groups, non-profit organizations, healthcare professionals, government agencies and individuals interested in the promotion of breastfeeding in Cumberland County.

According to the most recent data, the incidence of children ages

2 to 4 years who received WIC services

in Cumberland County has

declined by 5.7 %

in the last three-year period surveyed.



Women's Preventive Health Services

Women's Preventive Health Services includes Family Planning and Maternity Clinics, as well as the Breast and Cervical Cancer Control Program (BCCCP) and WISEWOMAN programs.

Family Planning Clinic

The Family Planning Clinic serves women of child bearing age desiring to plan and space births by providing contraceptives and preconception counseling. One of the goals of the clinic is to reduce infant mortality and morbidity by decreasing unintended pregnancies. The clinic offers many forms of birth control to accomplish this goal, including long-acting reversible contraceptives (LARC) such as Mirena and Paragard Intrauterine devices, and the subdermal implant Nexplanon. In 2015, the Family Planning Clinic served **2,838** patients and provided **4,309** services. One goal for the upcoming year is to increase the number of patients served. Family Planning is one of the selected clinics offering extended hours of operation until 7 p.m. every Tuesday to meet the needs of the teen population. The Cumberland County Department of Public Health extends thanks to Dr. Esther Smith and Mrs. Vernetta Ferrell, CNM (certified nurse midwife) who volunteer their services to enable the clinic to offer the extended service hours.

Breast and Cervical Cancer Control Program/WISEWOMAN

The North Carolina Breast and Cervical Cancer Control Program (NC BCCCP) provides free or low-cost breast and cervical cancer screenings and follow up to eligible women in North Carolina. Breast and Cervical Cancer Medicaid (BCCM) provides funding for cancer treatment to NC BCCCP-enrolled patients who are diagnosed with breast or cervical cancer and meet additional requirements. A woman must be enrolled in the Breast and Cervical Cancer Control Program prior to a cancer diagnosis to be eligible for Breast and Cervical Cancer Medicaid. The program served **496** patients in 2015.

The **Well-Integrated Screening and Evaluation for Women Across the Nation (WISEWOMAN)** Project provides cardiovascular disease screening, intervention, counseling and referral services to BCCCP enrolled women. WISEWOMAN provides low-income, underinsured, or uninsured 40- to 64-year old women with the knowledge, skills, and opportunities to improve their diet, physical activity, and other life habits to prevent, delay, or control cardiovascular and other chronic diseases. The NC WISEWOMAN project began providing services for eligible women on October 28, 2015, in the BCCCP clinic. A total of 19 women received diabetes and cholesterol screening in the 4th quarter of 2015. In addition, two women received New Leaf Training in the same quarter.

Maternity Clinic

The Maternity Clinic strives to reduce the maternal and infant mortality and morbidity by providing access to early and continuous prenatal care. The Department of Public Health contracts with Cape Fear Valley Perinatology and Cape Fear Valley OB/GYN for ongoing prenatal care with delivery services.

The clinic offers prenatal patients a unique service, in-house ultrasounds conducted by a private physician. Comprehensive prenatal and postpartum education is provided throughout the patient's pregnancy. Other services offered include: a Registered Dietitian who conducts nutritional assessments and assists patients with setting and meeting nutritional goals, nurses who conduct several screenings during pregnancy to monitor and assist the patient with a healthy lifestyle for a happy healthy outcome. Some of these screenings include: depression, smoking cessation, screenings for psychosocial needs and assess for obstacles from keeping prenatal appointments. Maternity clinic served **611** patients and provided **2,657** services for FY 2015.



Adult Health Primary Care Clinic

The Adult Health Primary Care Clinic provides comprehensive medical care for patients with acute and chronic diseases.

A sliding fee scale service is available to patients who financially qualify, and some third-party insurances are accepted.

During 2015, the Adult Health Primary Care Clinic provided **4,157** services to **2,481** residents of Cumberland County.

Immunizations Clinic

The Immunizations Clinic is staffed by registered nurses and administrative support. The clinic is a walk-in clinic and serves the general public by administering both required and recommended vaccinations to children and adults. It is a regional immunizations clinic, as many of the vaccines needed by overseas travelers are offered, including typhoid and yellow fever.

The clinic served **5,675** clients last year and administered **12,689** vaccinations. In 2015, Immunizations placed **3,867** and read **3,527** PPD (purified protein derivative) skin tests, which is a method used to diagnose silent (latent) tuberculosis (TB) infection. In addition, staff provided 40 tuberculosis (TB) screens. Flu vaccinations accounted for **2,928** of the immunizations given.

Dental Clinic

In North Carolina, only 55% of Public Health Departments have a dental practice on site and Cumberland County is one of them. The Dental Clinic positively impacted the citizens of Cumberland County in 2015 by completing **4,142** total procedures including: exams, radiographs, cleanings, hygiene education, fluoride, sealants, fillings, space maintainers, stainless steel crowns and referrals. The Dental Clinic is committed to providing their patients, from 6 months to 20 years of age, with excellent comprehensive dental care.

The clinic served **1,216** (6-month to 20-year-old) patients. During the school year, the clinic visited all Cumberland County elementary schools to identify children in need of dental care, collected data regarding caries risk, and alerted parents to the dental needs of their children in pre-K, Kindergarten, Second Grade, exceptional children, and Fifth Grade. A total of **7,357** children were screened. These screenings are done in hopes of keeping children out of the Emergency Room. The Dental Clinic also served as an internship and externship site for dental assisting, dental hygiene and doctoral students.



Child Health Clinic

The Child Health Clinic provides medical screenings for children from birth to 18 years of age. Services include primary care (including sick children); physical examinations that include a developmental screening; dental, hearing and vision screenings; preventive education; nutrition and laboratory screening.

The Child Health Clinic has one enhanced role nurse who performs well-child physicals to enhance services offered to the children of Cumberland County. The Child Health Clinic is a Carolina Access provider. Fees for services are based on family size and income. In 2015, the Child Health Clinic administered **1,435** well exams, **178** newborn assessments and **1,300** sick children visits, for a total of **2,913** services provided to the children of Cumberland County.

School Health

The school health program is a team of public health registered nurses who provide screening, education, counseling, and other health services to over **50,000** children in the Cumberland County School System. The team gave **572** presentations to students, parents, school staff, and/or teachers during the school year. Over **4,500** counseling sessions on various topics such as asthma, diabetes, nutrition, violence/bullying, and hygiene were provided to students.



Nurses reviewed over **19,400** Immunization records, provided **9,168** vision screening, and **7,084** Kindergarten Health Assessments throughout the school year.


They also provided over **4,600** other screenings throughout the year. Nurses monitor medications that are administered during the school day by certified medication clerks. More than **2,700** students have emergency medications in the schools. The nurses held **42,645** conferences with parents, teachers and other professionals to account for over **2,000** hours of time over the course of the school year.

In addition, school nurses provided over **3,000** referrals to other services throughout the year. The nurses developed nursing care plans to help over **1,500** students address chronic health conditions while in school such as asthma, diabetes, seizures, cancer and behavioral issues such as ADD/ADHD. In total, 19 part-time, 6 full-time nurses, and a half-time supervisor provided **97,622** services for the school year.

Communicable Disease Control

The Communicable Disease Control Division includes two clinics – Epidemiology and Sexually Transmitted Disease (STD). The Epidemiology Clinic monitors, surveys, investigates and reports communicable diseases (including, but not limited to, foodborne and vectorborne diseases) and provides treatment under circumstances that require public health action in order to prevent or diminish the magnitude of an outbreak. The North Carolina Electronic Disease Surveillance System (NCEdSS) is the statewide database used by the Epidemiology Clinic to access information and report cases.

2015 Service Provision: Cases of Communicable Diseases Reported and Investigated

	Foodborne Illness	215
	Vectorborne Illness	103
	Other Communicable Diseases	69*

*Includes 42 suspected Pertussis cases

In 2015, the Epidemiology Clinic conducted **1,207** patient visits. One component of the Epidemiology Clinic is the local Tuberculosis (TB) Control Program. The Department of Public Health follows strict N.C. TB Control Guidelines in order to serve Cumberland County residents who are diagnosed with active TB disease and latent TB Infection. In 2015, there were three confirmed active TB cases that were diagnosed in Cumberland County and one that transferred to Cumberland County from another state.

The Epidemiology Clinic also receives reports of acute and chronic Hepatitis B that requires follow-up. A secondary component of the Hepatitis B Program is Perinatal Hepatitis B, which requires case management and assurance of follow-up care by the primary care provider of both the infected mother and her infant.

2015 Service Provision: Hepatitis B Cases Reported and Investigated

	Hepatitis B	72
	Perinatal Hepatitis B	11

The Epidemiology Clinic is also responsible for the Rabies Program, which includes maintenance of a log of bite reports received from Cumberland County Animal Control. Animal bites/scratches/exposures that carry a risk of rabies are investigated to provide rabies education and advice to those that may need rabies prophylaxis. In 2015, the clinic received **135** reports of bites.

The Epidemiology Clinic is responsible for locating refugees and immigrants (that meet certain criteria) who settle in Cumberland County to assure screening for communicable diseases and follow-up. In 2015, CCDPH provided screening for two refugees and was notified of 13 immigrants to assess.

As for Ebola Response, which is mandated by the CDC and NC Department of Health and Human Services, the Epidemiology Clinic responded to the Ebola outbreak in West Africa by providing direct active monitoring and/or active monitoring for 11 individuals for a period of 21 days after their return from an Ebola-affected country.

In 2015, the Epidemiology staff provided **2,017** services to patients through home visits, clinical services, reporting and investigation.

The sexually transmitted disease clinic (STD) provides screenings, diagnosis, treatment and counseling for Chlamydia, Gonorrhea, Syphilis, Trichomoniasis, Candidiasis, Genital Warts, Genital Herpes, Bacterial Vaginosis and HIV. The purpose of the STD program is to reduce the incidence of STDs in Cumberland County by providing preventive and therapeutic treatment for all reported cases and contacts. Over **7,409** services have been provided in the STD Clinic. Our Communicable Disease Control Specialists (CDCS) increase awareness of high-risk behaviors by utilizing education and community outreach to inform Cumberland County residents.

Jail Health

Jail Health's top priority is to ensure that all inmates have access to care while incarcerated. Jail Health provides examination, detection and treatment of inmates with chronic health conditions, and those who have contagious diseases.

The Jail Health Program is a 24/7 operation with the following staff: (7) Registered Nurses (RN), (7) Licensed Practical Nurses (LPN), (2) Medical Laboratory Technicians (Med Tech), (1) Psychiatrist, (1) Doctor, (1) Licensed Clinical Social Worker, and (2) Management Support Staff. In addition, dental services are offered to inmates through on staff (1) Dentist and (1) Dental Hygienist. For the calendar year, **36,731** contacts for services provided through jail health. During 2015, Jail Health staff established and maintained strong partnerships with the following community organizations: Alliance Behavioral Health and Cumberland County Re-entry Council to help with decreasing the recidivism rate. Mental Health staff members collaborate with Alliance Behavioral Health's Critical Time Intervention Program (CTI) by referring inmates receiving mental health services through the Jail Health Program.

Jail Health continues to work in collaboration with jail custody staff to ensure that continuity of care is maintained for all inmates receiving services according to the 2014 Standards for Health Services in Jails.

Tobacco Control

In the Spring of 2015, Cumberland County received funding from the Tobacco Prevention and Control Branch of the North Carolina Department of Public Health to fund a Regional Tobacco Control Manager position for Region 6, which covers 10 South Central N.C. counties: Cumberland, Hoke, Harnett, Lee, Moore, Montgomery, Randolph, Richmond, Anson, and Scotland Counties. The Regional Tobacco Control Manager provides expert leadership and guidance on evidence-based tobacco prevention and control strategies that reduce secondhand smoke exposure, prevent the initiation of tobacco use, and promote cessation services for those who wish to quit.

Over the five-year grant period, the Regional Tobacco Control Manager will be involved in the following activities:

Increasing

- Number of community colleges and universities with 100% tobacco-free campuses
- Implementation and enforcement of the 100% Tobacco-Free Schools policy
- Tobacco use screening and cessation counseling in medical practices

Building

- Community awareness of tobacco product advertising and promotion at point-of-sale

Promoting

- Smoke-free outdoor dining policies in local restaurants
- 100% smoke-free or tobacco-free government buildings, grounds, and public places
- Benefits of smoke-free multi-unit housing
- 100% smoke-free mental health and substance abuse facilities
- NC Quitline and other tobacco cessation programs

Over the past six months, tobacco prevention and control activities in Cumberland County have included working with students from Methodist University on assessing the need for strengthening the current campus tobacco-use policy; presenting on the benefits of tobacco-free campus policy to the Fayetteville Technical Community College Board of Trustees; working toward strengthening Cumberland County's smoke-free policies; and working with Fayetteville State University's Student Services to bring attention to the dangers of electronic cigarettes, as well as traditional tobacco products.

Preparedness



The North Carolina Office of Preparedness & Response (NCPHP&R) develops and exercises Preparedness & Response Plans for the agency to use in the event of natural or manmade disasters. One of the plans developed in 2015 was the CCDPH All Hazards Plan, which includes 16 operational guides. In 2015, the agency participated in several exercises including a Hurricane Table Top, Active Shooter Table Top and a County HazMat Full Scale Exercise.

The Office of Preparedness & Response is also responsible for preparedness training, including: Respiratory Protection Training (233 Staff), Medical Countermeasure (254 staff), Local Receiving Site (14 staff), Shelter Training (67 staff), and Personal Protective Equipment (PPE) (79 staff). These programs logged **444.5** hours of training.

The Office of Preparedness & Response had its two-year audit and site visit from NCPHP&R and there were no discrepancies found in this program.

Health Education

The Health Education Division is responsible for planning, organizing and implementing health education programs for clinic patients, community groups, civic organizations, private agencies, work-sites and schools. The division provides innovative educational programs that promote the physical, emotional, and social well-being of individuals and communities. Throughout the year, Health Education staff participated in 23 community health fairs impacting **3,441** participants attending the events.

In 2015, the Health Education Division collaborated with various agencies/organizations to implement action plans to address the top health concerns identified in the 2013 Community Health Assessment: (1) Chronic Diseases (heart, diabetes and cancer), (2) Lack of Physical Activity, (3) Sexually Transmitted Infections and (4) Teen Pregnancy Prevention.

The Health Education Division partnered with faith-based organizations and work-sites to conduct Faithful Families Eating Smart and Moving More program impacting **106** participants, as well as Chronic Disease and Diabetes Self-Management programs. To raise colorectal cancer awareness, Health Education participated in 19 community events impacting 585 participants.

The Health Education Division partnered with Cumberland County Schools to implement Making Proud Choices (MPC), an evidenced-based intervention program to reduce teen pregnancy, sexually transmitted infections and HIV among adolescents. They provided 41 programs to eight high schools and two local universities impacting **1,663** teens. In addition, they provided 23 handwashing/hygiene programs to **725** youth. As part of Teen Pregnancy Prevention Month activities in May, **157** students in three high schools participated in the T-shirt design contest, which resulted in five students selected to record public service announcements, which were then broadcast on local radio stations. Throughout the year, health educators worked with eight high schools, two local universities and one community-based organization.

Pharmacy

The Health Department pharmacy fills prescriptions for patients seen in the Health Department clinics and patients at the Detention Center. The pharmacy provided 9,083 prescriptions to Health Department patients at a value of \$582,355.44 and **11,257** prescriptions to Detention Center patients at a value of \$828,127.32. The Pharmacy, located on the first floor of the Public Health Center, is part of a Medication Access Program called CCMAP. The Cumberland County Medication Access Program is dedicated to improving the quality of life for eligible residents of Cumberland, Hoke, Harnett and Sampson counties by operating a licensed, non-profit pharmacy that assists patients with obtaining medication for chronic disease. The medication access program began in 2002 when the Cape Fear Valley Board of Trustees hired its first program manager for CCMAP. The staff collaborated with Better Health of Cumberland County, the CARE Clinic, the mental health center, the Department of Social Services and the Department of Public Health to jumpstart the program. As of 2015, CCMAP filled **302,383** prescriptions at a value of \$141,416,386. There are currently **3,337** people enrolled in the program. During the year, CCMAP participated in Operation Homeless Connect, the Asthma Action Fair and the Umoja Festival.

Laboratory Test Menu

CBC
Glucose
1 HR Maternity
Glucose
Rapid Strep
Hemoglobin
3 HR GTT
RPR
RPR Titer
Urinalysis
Microscopic
Urine Culture
KOH Prep
Urine Pregnancy
Serum Pregnancy
Gonorrhea Culture
Wet Preps
Gram Stains
Stat Male Smears
Influenza A/B
Occult Blood
Rapid HIV
RSV
Monospot



Medical Laboratory

The Cumberland County Department of Public Health Laboratory is a full-service Clinical Laboratory Improvement Amendment (CLIA) certified laboratory with two certificates. The lab has a Certificate of Compliance to perform Moderate Complexity Testing and a Certificate of Waiver to perform waived testing. In 2015, the lab added another tech to its staff and Monospot and RSV were added to the laboratory test menu.

The lab tested and processed more than **35,000** specimens in 2015. The lab is currently enrolled in a proficiency program with the American Proficiency Institute in which all staff participates quarterly to verify competency. The CCDPH lab is inspected every two years by CLIA and has passed its fourth consecutive inspection with no deficiencies or citations.

Medical/Vital Records

The Medical Records Division is responsible for the retention of all patient records. The Cumberland County Department of Public Health began the transition to electronic health records in April 2014. All clinics within the Health Department, with the exception of the Dental Clinic, have gone to electronic health records. The Medical Records Division staff ensure all active patient records are scanned in a document management system that allows the record to be viewable prior to and during an appointment.



Scanned documents 536,943 Medical records requests 1,575

The department supervisor serves as the Health Information Portability and Accountability Act (HIPAA) Officer. The officer ensures all public health employees receive initial and updated trainings, as well as maintains up-to-date information for policies and the Notice of Privacy Practice. All members of the Public Health staff, providers, temporary staff and interns receive HIPAA, Confidentiality and Privacy Act training.

The Vital Records Division processed **7,195** birth certificates and **2,598** death certificates to include fetal deaths in 2015. Vital records implemented the updated certificate of death and developed a reporting system to capture fetal deaths.

Human Resources

Cumberland County Department of Public Health employs a dedicated and diverse workforce focused on our mission to provide high quality service in a professional, efficient, and fiscally responsible manner while improving the health of Cumberland County. Our Human Resources division is responsible for recruitment, selection, staff development, employee relations and retention.

During 2015 the department had **275** budgeted positions. 39 new employees were hired, 11 staff members were promoted and another 9 were transferred to other positions within the department. Our licensed medical staff includes the following:

Licensed Practical Nurses	9
Registered Nurses	81
Physician Extenders	7
Medical Doctors	4

Student Internships

Public Health is committed to training the next generation of public health professionals by offering internship opportunities for a variety of public health areas including administration, nursing, social work, management support and foreign language interpreting. In 2015, public health provided internship opportunities for more than **100** future public health professionals from a variety of local and distance education institutions including Methodist University, Campbell University, Fayetteville State University and Fayetteville Technical Community College.

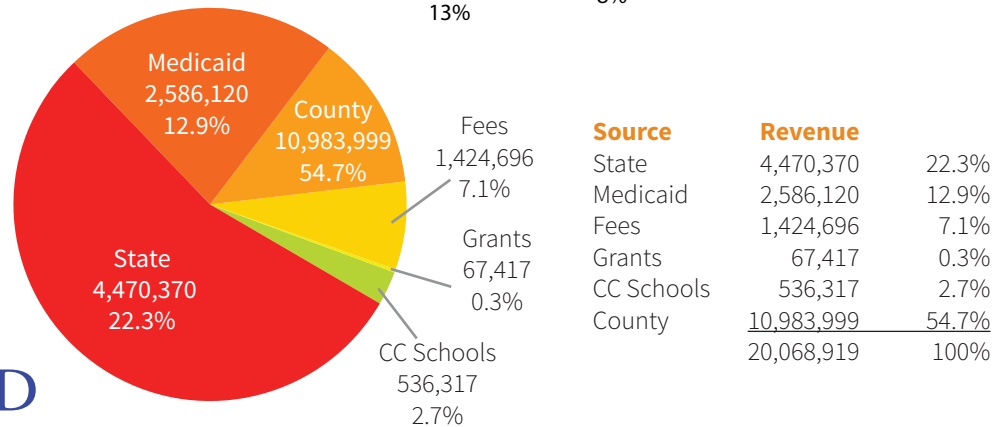
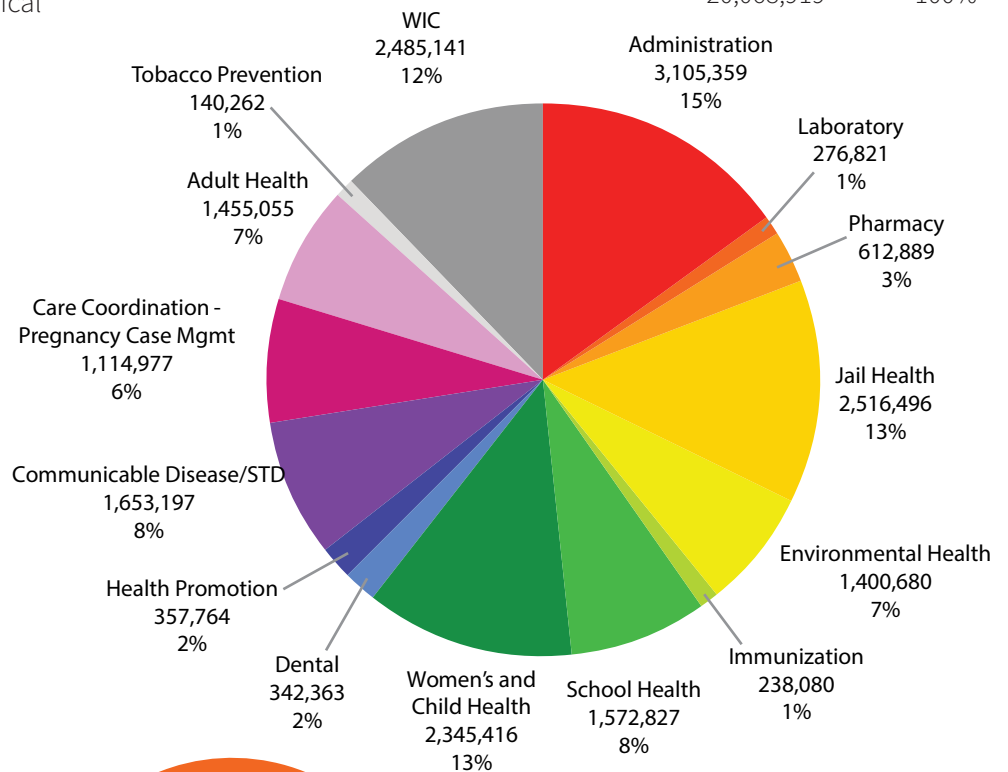
Finance

Programs

Administration	3,105,359
Laboratory	276,821
Pharmacy	612,889
Jail Health	2,516,496
Environmental Health	1,400,680
Immunization	238,080
School Health	1,572,827
Women's and Child Health	2,345,416
Dental	342,363
Health Promotion	357,764
Communicable Disease/STD	1,653,197
Child Coordination/Pregnancy Case Mgmt	1,405,182
Adult Health	1,455,055
Tobacco Prevention	140,262
WIC	<u>2,485,141</u>

Expenses

3,105,359	15%
276,821	1%
612,889	3%
2,516,496	13%
1,400,680	7%
238,080	1%
1,572,827	8%
2,506,805	12%
342,363	2%
357,764	2%
1,653,197	8%
1,405,182	7%
1,455,055	7%
140,262	1%
<u>2,485,141</u>	<u>12%</u>
20,068,919	100%



Public Health
Prevent. Promote. Protect.

CUMBERLAND
COUNTY
NORTH CAROLINA



Accredited by the North Carolina
Local Health Department
Accreditation Board

If you would like more information about the Cumberland County Department of Public Health's programs and services, health-related data, or community resources, please call 910-433-3600 or visit with someone at the information desk or visit our website at co.cumberland.nc.us/health.aspx#. Comments are welcome and can be submitted on our website at co.cumberland.nc.us/health/comment_form.aspx. The Health Department is located at 1235 Ramsey St. in Fayetteville. Buck Wilson, Public Health Director.