



Cumberland County
Department of Public Health



Public Health
Prevent. Promote. Protect.



2016
Annual
Report

Our Mission

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

Our Vision

To have healthy people living in a healthy community

Our 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



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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 **271** 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, a dentist, a dental assistant 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

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Veterinarian

Jeannette Council, Ed.S.
Commissioner Appointee



The Leadership Team

The Cumberland County Department of Public Health is committed to addressing key health issues to improve health –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.



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

Grants

In 2016, the Cumberland County Department of Public Health was successful in its pursuit of grant funding. The department received **\$541,541** in grants.

The awards include the following:

National Association of City and County Health Officials (NACCHO) Award: \$6,916

Awarded to the Cumberland County Department of Public Health's Environmental Health Division to conduct a Risk Based Data Collection study of a random sampling of permitted establishments throughout the county. The grant money paid for materials associated with the data collection process to support real time data entry during the baseline study. The intent is to enhance Environmental Health's ability to achieve greater conformance with the Food and Drug Administration's Voluntary National Retail Food Regulatory Program Standards.

Maternal Health Grant: \$80,722

Awarded to Richmond County Health Department, the Cumberland County Department of Public Health entered into a subcontract of grant funds for the implementation of Long-Acting Reversible Contraception Program (LARC), Ten Steps for Successful Breastfeeding, and Clinical Effort Against Secondhand Smoke Exposure (CEASE). These funds also support the Community Action Team in their efforts to ensure sound delivery of services and achievements of performance measures. It also supports and maintains community partnerships to achieve collective impact work addressing infant mortality, birth outcomes, and child health.

North Carolina Division of Public Health Award: \$453,903

Awarded to Cumberland County Department of Public Health as part of a three-year grant program, receiving \$151,301 annually for the next three fiscal years. These funds ensure Cumberland County is able to continue to provide essential services through the Family Planning Clinic. This funding was awarded as part of a new application process to receive Title X federal funding for the Title X Family Planning program. The program is designed to provide comprehensive family planning services to all who want and need them, with priority given to persons from low-income families.





The county's statistics show a **decrease**
in teen pregnancies of **8.96%** since 2014

Teen Wellness Task Force and Real Talk

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 May 2016 at E.E. Smith 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 2016 event, information about teen pregnancy statistics was provided and the E.E. Smith, 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. During the 2016 event, more than 400 participants attended, including 320 students.

The 2015 pregnancy rate for Cumberland County teens ages 15-19 was 42.7 out of every 1,000 girls. The 2015 pregnancy rate for North Carolina teens ages 15-19 was 30.2 out of every 1,000 girls. The county's statistics show a decrease in teen pregnancies of 8.96 percent since 2014; 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.

realtalk 



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 2016, a total of 5,375 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 63 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. 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 12 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 2016, four Program Standard grants were awarded. Three of the four grants totaling \$9,000 were awarded through the Association of Food and Drug Officials (AFDO). The fourth grant of \$6,916 was awarded by the National Association of City and County Health Officials (NACCHO) FDA Retail Program Standards Mentorship Program to advance conformance in the Retail Program Standards program. 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 2,484 four-month supplies of mosquito dunks free to Cumberland County residents in 2016. In addition to providing free mosquito control, Environmental Health partnered in a voluntary program to survey potentially disease-carrying mosquitoes as part of a statewide public health response to the Zika virus. The survey will be used to update the distribution range of two mosquitoes known to carry the Zika virus. Environmental Health worked with Fort Bragg and N.C. State University to conduct the mosquito survey using ovitraps to collect mosquito eggs and larva of the *Aedes aegypti* and *Aedes Albopictus* mosquitoes. Samples were collected from May through October and a final statewide survey report will be sent for review by the N.C. Department of Health and Human Services. Cumberland County is one of 15 counties and three military installations that volunteered to participate in the survey.

Rabies Vaccination Clinics

In 2016, Environmental Health Specialists worked to protect dogs and cats by providing rabies vaccination clinics at predetermined sites in the county in both the Spring and the Fall. These clinics resulted in the administration of approximately 1,900 rabies vaccinations.



Permits Issued

322

Food and Lodging
(new permits)

573

Septic System Repair/
New Construction

144

Well (new permits)

Complaint Investigation

310

Food and Lodging

67

Sewage

68

General Sanitation

10

Smoking

3,270

Consultative Visits/
Contacts

457

Water Samples

424

Soil Evaluations

Care Management Program Services

The Cumberland County Department of Public Health's high-risk care management programs have provided services to the women and children of Cumberland County for six years. 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 with county agencies and state DPH and HHS departments allows the staff to better support the patients. The employees in these programs continue to participate on local committees and boards, such as the Fostering Health Committee and Teen Wellness Taskforce. They support other agencies with organized community events as well as leading and hosting community events such as Post-Partum Depression and National Prematurity Awareness Month educational activities here at the Health Department.

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, postpartum follow up care, positive mental and physical health and continuation of primary medical care for health promotion and disease prevention.



Provision of services for the 2016 year includes, but is not limited to, the following patient-related activities:

Unique patients contacted	2,236
Completed patient phone calls	11,856
Home visits	480
Hospital visits	38
Pregnancy assessments	13,024
Correspondence	4,506
Pregnancy Medical Home visits	596
Face-to-Face patient encounters	1,224

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, resolving toxic stress conditions, assist Department of Social Services social workers with continuity of care for children in foster care, developmental therapy and/or therapy and receipt of local and out-of-county medical specialists to ensure they receive necessary care.

Provision of services for the 2016 year includes, but is not limited to, the following patient related activities:

Unique patients contacted	3,490
Completed patient phone calls	15,281
Home visits	595
Comprehensive health assessments	8,810
Face-to-face patient encounters	676
Primary Medical Home visits	314
Community Encounters	383
Correspondence	8,724

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Women, Infants, and Children Nutrition Program

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 and Thursdays 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, whole grains, 1% low-fat milk and low-fat yogurt.

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.

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The 2016 assigned monthly client base caseload is 13,471. The most current participation report from the state revealed that the Cumberland County WIC Program had a monthly participation of 12,480 participants, this is below the 97% participation requirement to maintain funding at current levels. Participation is low across the state and many efforts have been made to increase participation, to include partnering with various agencies and media announcements.

In February, WIC hosted a free workshop at the Health department for staff and professionals providing breastfeeding support within our community, Ft. Bragg, and surrounding counties. The topic was “Breastfeeding: When Mom and Baby are Separated” and it was presented by Norma Escobar, IBCLC, RLC, Perinatal Region V Breastfeeding Coordinator.

During the month of August, the WIC Program Breastfeeding Peer Counselors were nominated by a member of the community to receive recognition for the breastfeeding support they provide. The Breastfeeding Coalition of Cumberland County presented them with a certificate during World Breastfeeding Week Celebration.

The Cumberland County WIC Program participated in multiple community outreach events during 2016.

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.



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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. The Family Planning Clinic served 3,057 patients and provided over 20,551 services during 2016.

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 **307** patients in 2016.

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 provides services for eligible women in the BCCCP clinic. The program served **108** women that received diabetes and cholesterol screenings during 2016.



The Maternity clinic served **467** patients and provided **14,304** services in 2016.

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 OB/GYN for ongoing prenatal care with delivery services and also makes referrals to Cape Fear Valley Perinatology.

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 **467** patients and provided **14,304** services in



Adult Health Primary Care Clinic

The **Adult Health Primary Care Clinic** provides comprehensive medical care for patients that have acute and chronic diseases. A sliding fee scale service is available to patients who financially qualify and the Cumberland County Department of Public Health is contracted with Medicaid, Medicare, and Blue Cross Blue Shield. For patients that do not meet the sliding scale qualifications or have insurance with a company listed above, a \$10.00 fee per visit per client is charged. During 2016, the Adult Health Primary Care Clinic provided **11,031** services to include office visits, labs, nurse triage visits, and blood pressure checks to **1,155** 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 **7,514** clients last year and administered **12,089** vaccinations. In 2016, Immunizations placed **3,312** and read **3,309** PPD (purified protein derivative) skin tests, which is a method used to diagnose silent (latent) tuberculosis (TB) infection. In addition, staff provided **53** tuberculosis (TB) screens. Flu vaccinations accounted for **1,516** 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 2016 by completing **4,475** 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 **1009** (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. A total of **8,747** children were screened at 51 of the 52 Cumberland County Elementary Schools, grades EC, Pre-K, Kindergarten, 2nd, and 5th. These screenings are done in hopes of keeping children out of the Emergency Room.

Additionally, the Dental Clinic conducted a sealant project at W.T. Brown Elementary School in April, participated in the Asthma Action Fair in May, provided education at Operation Sickle Cell's Diabetes Clinic in June. During the summer months, from June to August, the Dental Clinic attended 10 of the Cumberland County Recreation Centers to provide approximately 600 students Dental Health Education and dental necessities. During the months of November and December, the dental team provided Head Start tours to **124** students, parents, and teachers. The Dental Clinic participated in other community events by attending Smithfield Packing in September, Rose Care Shop and the Goodyear Health Fair in October and, the Project Homeless and Hunger Stand-Down in November.

The Dental Clinic also served as an internship and externship site for dental assisting and dental hygiene.

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 2016, the Child Health Clinic administered **8,460** well exams, **237** newborn assessments and **2,483** sick children visits, **467** labs. The Child Health clinic provided **12,860** total services to **1,691** 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 **416** presentations to students, parents, school staff, and/or teachers during the school year. Over **6,500** counseling sessions on various topics such as asthma, diabetes, nutrition, violence/bullying, and hygiene were provided to students.

Nurses reviewed **18,893** Immunization records, provided **8,852** vision screenings, and **6,614** Kindergarten Health Assessments throughout the school year.

They also provided over **4,800** other screenings throughout the year. Nurses monitor medications that are administered during the school day by certified medication clerks. More than **2,800** students have emergency medications in the schools. The nurses held **39,064** conferences with parents, teachers and other professionals to account for **1,953** hours of time over the course of the school year.

In addition, school nurses provided over **3,700** referrals to other services throughout the year. The nurses developed **4,352** nursing care plans to help students address chronic health conditions while in school, such as asthma, diabetes, seizures, cancer and behavioral issues such as ADD/ADHD. In total, 25 full-time nurses, and a full-time supervisor provided **175,585** services for the school year.



Nurses reviewed over **18,893** Immunization records, provided **8,852** vision screenings, and **6,614** Kindergarten Health Assessments throughout 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.

2016 Service Provision:

Cases of Communicable Diseases Reported and Investigated

	Foodborne Illness	159
	Vectorborne Illness	168
	Other Communicable Diseases	75*

*Includes 19 suspected Pertussis cases

In 2016, the Epidemiology Clinic conducted **1,480** 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 2016, there were three confirmed active TB cases that were diagnosed in Cumberland County.

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.

2016 Service Provision: Hepatitis B Cases Reported and Investigated

	Hepatitis B	108
	Perinatal Hepatitis B	9

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 2016 the clinic received **100** reports of bites that needed specimens sent off for rabies testing.

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 2016, CCDPH provided screening for **8** refugees and was notified of **16** immigrants to assess.

In 2016, the Epidemiology staff provided **4,508** 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 **56,980** services were provided in the STD Clinic during 2016. These include exams, labs, treatments, and counseling. Our Communicable Disease Control Specialists (CDCS) increase awareness of high-risk behaviors by utilizing education and community outreach to inform Cumberland County residents.

During 2016, **46%** of the average daily population had a chronic health condition that required routine follow-up from a nurse and a doctor.

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), (8) Licensed Practical Nurses (LPN), (2) Medical Laboratory Technicians (Med Tech), (1) Psychiatrist, (1) Doctor, (1) Licensed Clinical Social Worker, (1) Psychologist, and (1) Management Support Staff. In addition, dental services are offered to inmates through two part-time dentists. For the calendar year, **30,381** nursing contacts for services and **10,286** mental health contacts were provided through jail health. During 2016, 46% of the average daily population had a chronic health condition that required routine follow-up from a nurse and a doctor.

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

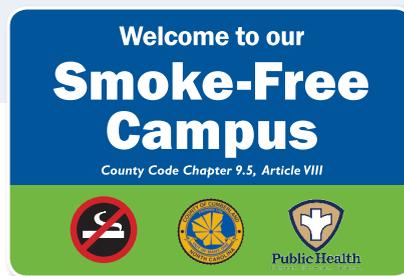
Building

- 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

During 2016, 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. Fayetteville State University received the Truth Initiative's Historically Black Colleges and Universities grant in 2016 and will be working on activities to promote a healthy campus environment.





Preparedness

The **Office of Preparedness & Response** (PHP&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. We continued to carry out the CCDPH All Hazards Plan in 2016.

The Office of Preparedness & Response is also responsible for preparedness training, including: Respiratory Protection Training (229 Staff), Medical Countermeasure (219 staff), Local Receiving Site (20 staff), Shelter Training (65 staff), and Personal Protective Equipment (PPE) (249 staff). These programs logged 397 hours of training in 2016.

The Office of Preparedness & Response is developing a partnership with Ft. Bragg for Medical Countermeasure dispensing. Additionally, the office has developed a Mass Fatality Plan for the County and continues to work on the 15 Public Health Target Capabilities.

Pharmacy

The **Health Department Pharmacy** fills prescriptions for patients seen in the Health Department clinics and patients at the Detention Center. The pharmacy provided **5,261** prescriptions to Health Department patients at a value of \$289,297 and **11,184** prescriptions to Detention Center patients at a value of \$863,205. The Pharmacy, located on the first floor of the Public Health Center, is also a medication access program called CCMAP. The Cumberland County Medication Access Program (CCMAP) 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 2016, CCMAP filled **325,057** prescriptions at a value of \$149,532,864. There are currently 2,868 people enrolled in the 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 **29** community health fairs impacting approximately **2,500** participants attending the events.

In 2016, 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.

In March, the Health Education Division partnered with the Fayetteville Metropolitan Housing Authority to host a National Women & Girls HIV/AIDS Awareness Day Event. This event was designed to empower women and girls to make the best choices when it comes to their sexual health. Additional partnerships included: Fayetteville Parks and Recreation Center, to provide educational sessions on HIV/AIDS; Teens Do Care, Inc., to provide program support for expectant and new moms; and Faith Covenant Church East Russell St, where Health Education co-facilitated the Faithful Families Eat Smart Move More Nine Session Program.

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 six programs in the Cumberland County High Schools, impacting 283 teens

Information Systems

The Cumberland County Department of Public Health **Information Systems** division is responsible for the technology needs and services provided to all employees within the Public Health Department. During 2016, the Information Systems team consisted of 1 Computer Systems Administrator II and 2 Computer Systems Administrator I positions. This team supports the Public Health Center on Ramsey Street, WIC Hope Mills, WIC Spring Lake, and Environmental Health in the Historic Courthouse.

During 2016, the information systems team helped complete projects such as the Insight electronic health record (EHR) version upgrade and the medical records scanning project. They also completed approximately **2,200** work orders over the year, as well as many emergency calls. And they welcomed a new Information Systems Manager in July.

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.

The lab tested and processed **41,330** specimens in 2016. 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 fifth 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 staff in the Medical Records Division ensure all patient records are scanned into a document management system which allows the record to be viewed prior to and during appointments. In 2016 the Medical Records Division scanned 340,767 documents and processed 1,476 medical records requests.

The Medical/Vital Records division manager serves as the Health Information Portability and Accountability Act (HIPAA) Compliance Officer and the Patient Privacy Officer. The officer ensures all Public Health employees, medical providers, temporary staff and interns receive HIPAA, Confidentiality and Privacy Act orientation and training prior to working within the agency. The HIPAA Compliance Officer ensures Patient Privacy and Security Policies, Procedures, and the Notice of Privacy Practice is current and up-to-date as according to Federal and State guidelines.

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 **7,228** birth certificates and **2,640** death certificates to include **48** fetal deaths in 2016. The Vital Records Section is also responsible for processing the Affidavits of Parentage (AOP's) in Cumberland County. There were 65 AOP's completed since beginning in June 2016.

Laboratory Test Menu

- 1 HR Glucose Tolerance
- 3HR Glucose Tolerance
- A1C
- Complete Blood Count
- Glucose
- Gonorrhea Culture
- Gram Stain
- Hemoglobin
- Influenza A/B
- KOH Prep
- Lipid Panel
- Mono
- Platelet Count
- Rapid HIV
- Rapid Strep
- RPR (syphilis)
- RPR Titer
- RSV
- Serum Pregnancy
- Stat Male Smear
- Urinalysis
- Urine Culture
- Urine Microscopic
- Urine Pregnancy Test
- WBC Differential
- Wet Prep

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 2016, the department had 280 budgeted positions. 44 new employees were hired, 6 staff members were promoted and another 2 were transferred to other positions within the department. Our licensed medical staff includes the following:

Licensed Practical Nurses	13
Registered Nurses	79
Physician Extenders	8
Medical Doctors	5
Dentist	1
Registered Dieticians	2

Student Internships

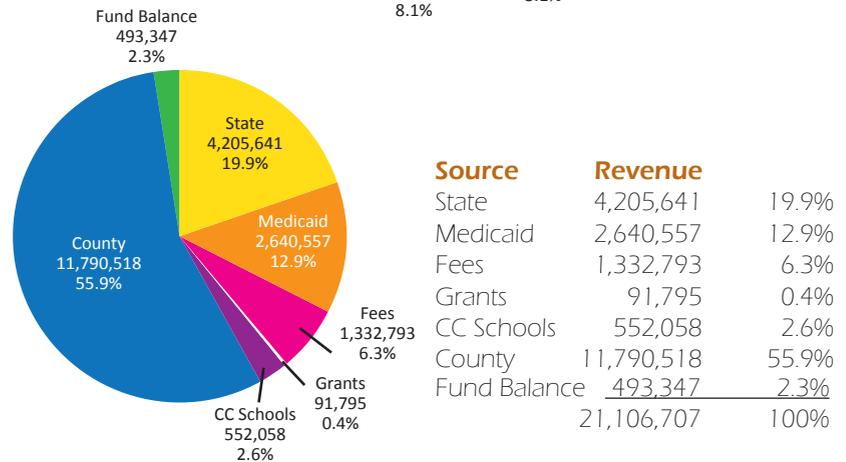
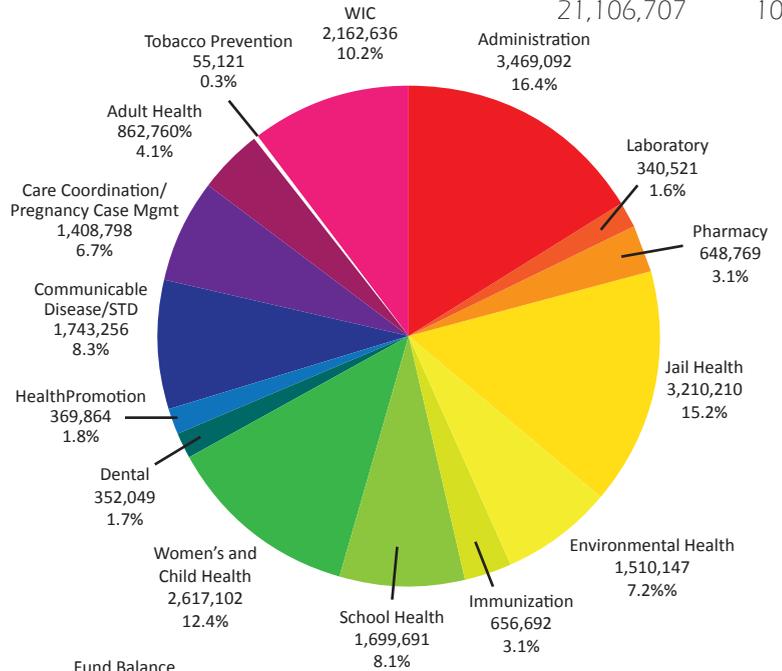
Public Health is committed to training the next generation of public health professionals by offering internship opportunities for a variety of public health areas including administration, nursing, social work, management support and foreign language interpreting. In 2016, public health provided internship 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	3,469,092	16.4%
Laboratory	340,521	1.6%
Pharmacy	648,769	3.1%
Jail Health	3,210,210	15.2%
Environmental Health	1,510,147	7.2%
Immunization	656,692	3.1%
School Health	1,699,691	8.1%
Women's and Child Health	2,617,102	12.4%
Dental	352,049	1.7%
Health Promotion	369,864	1.8%
Communicable Disease/STD	1,743,256	8.3%
Child Coordination/Pregnancy Case Mgmt	1,408,798	6.7%
Adult Health	862,760	4.1%
Tobacco Prevention	55,121	0.3%
WIC	<u>2,162,636</u>	<u>10.2%</u>
	21,106,707	100%

Expenses



Source	Revenue	Percentage
State	4,205,641	19.9%
Medicaid	2,640,557	12.9%
Fees	1,332,793	6.3%
Grants	91,795	0.4%
CC Schools	552,058	2.6%
County	11,790,518	55.9%
Fund Balance	493,347	2.3%
	21,106,707	100%



Accredited by the
North Carolina
Local Health Department
Accreditation Board

CUMBERLAND COUNTY



Public Health
Prevent. Promote. Protect.

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.