

Fiscal Year 2015 Annual Report



It is what we do. It is who we are. It is a commitment that extends beyond these walls.

This is Public Health



Public Health

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Our Mission

*Working with Our Community to Prevent Disease,
Promote Health, and Protect the Environment.*

Our Vision

Healthy Durham, Join Us!
People, Partners, Places, Policy, Practice

Durham County Board of Health

James M. Miller, DVM - *Chairperson, Veterinarian Member*
Teme M. Levbarg, PhD, MSW - *Vice Chairperson, Public Member*
F. Vincent Allison III, DDS - *Dentist Member*
Mary Braithwaite, MD - *Physician Member*
Heidi Carter, MSPH - *Public Member (for Engineer)*
Stephen Dedrick, RPh, MS, ScD (hon) - *Pharmacist Member*
Arthur Ferguson, BS - *Public Member*
Mary Ann Fuchs, DNP, RN, NEA-BC, FAAN - *Registered Nurse Member*
Brenda Howerton - *Durham County Board of County Commissioners Liaison Member*
Rosemary Jackson, MD - *Public Member*
Dale Stewart, OD - *Optometrist Member*

Durham County Department of Public Health Leadership Team

Gayle Harris, MPH, RN - *Public Health Director*
Joanne Pierce, MA, MPH - *Deputy Public Health Director*
Eric Ireland, MPH, REHS - *Deputy Public Health Director*
Arlene Seña, MD, MPH - *Medical and Laboratory Director*
Mel Downey-Piper, MPH, CHES - *Health Education Director*
Michele Easterling, MPH, RD, LDN - *Nutrition Director*
James Harris Jr., MA, PhD - *Dental Director*
Marcia Johnson, MPA - *IT Administration Division Director*
Rosalyn McClain - *Senior Administrative Assistant*
Melissa Martin, MEd - *Administrator, Laboratory and Pharmacy Services*
Eric Nickens Jr., MA, CHES - *Communications and Public Relations Manager*
J. Christopher Salter, REHS - *Environmental Health Director*
Hattie Wood, RN, MSN, MHA - *Community Health and Nursing Director*

Public Health Director's Message

Greetings,

On behalf of the Durham County Board of Health and staff, it is my pleasure to present to you the Fiscal Year 2015 Annual Report of the Durham County Department of Public Health. We are very grateful for the support that the department received from the Durham County Board of Commissioners, the County Manager and his administrative staff and our many community partners as we worked toward ensuring health and well-being for all.



Gayle B. Harris, MPH, RN
Public Health Director
Durham County

For this report, the department's Leadership Team chose the theme ***This is Public Health***. This theme was introduced in a campaign in 2009 when the Association of Schools and Programs of Public Health (ASPPH) launched the ***This is Public Health*** campaign "to let people know that public health affects them on a daily basis and that we are only as healthy as the world in which we live" (www.uab.edu, October 3, 2015). In line with that intent, we hope that this report will give you more insight into how our work positively impacts life in Durham County.

Throughout the past year, the more than 200-member workforce of the department either showed up or stood ready to provide services that ensured that Durham County fulfilled its responsibility of meeting North Carolina's statutory requirements for all local public health departments. To that end, more than 200,000 treatments/encounters, in addition to countless partner meetings, were made to accomplish these ten essential public health services:

1. Monitoring health status to identify community health problems.
2. Diagnosing and investigating health hazards in the community.
3. Informing, educating, and empowering people about health issues.
4. Mobilizing community partnerships to identify and solve health problems.
5. Developing policies and plans that support individual and community health efforts.
6. Enforcing laws and regulations that protect health and ensure safety.
7. Linking people to needed personal health care services and ensuring the provision of health care when otherwise unavailable.
8. Ensuring a competent public health workforce and personal health care workforce.
9. Evaluating effectiveness, accessibility, and quality of personal and population-based health services.
10. Conducting research.

This report highlights some of the innovative and evidence-based programs and practices implemented by the department from July 1, 2014, through June 30, 2015.

You will discover more about our efforts to reduce the incidence of new HIV cases in our community, increase access to well-child assessments through school-based services using the Enhanced Role Registered Nurse model, collaborate in innovative ways to identify issues impacting young children, create environmental and policy changes that make healthy choices easy choices, thwart the spread of disease related to international and local causes, provide educational opportunities that help members of our community make better choices, and create workforce development opportunities as a part of succession planning.

For more information about other services offered by the department, please visit dconc.gov/publichealth.

THIS is Public Health!



PrEP-ing Against the Spread of HIV

PrEP: Pre-Exposure Prophylaxis for the Prevention of HIV

One pill, once a day, everyday,
to decrease the risk of getting HIV.



Public Health

Durham County had one of the highest rates of newly diagnosed HIV infections in North Carolina in 2014. Therefore, Public Health took the initiative to implement a new strategy to reduce HIV infections among high risk individuals. While early detection, effective treatments, and continued engagement in care are essential HIV prevention efforts, there is now an additional tool, pre-exposure prophylaxis (PrEP), that empowers HIV negative individuals to protect themselves from HIV infection.

PrEP involves taking a pill that contains two HIV medications every day. These are some of the same medicines used in people who are already infected.

Referrals for PrEP were initiated at Public Health for patients seen in the Adult Health Clinic. Since that time, 34 clients have been referred to the Lincoln Community Health Center Primary Care, Duke, and UNC clinics for evaluation and follow-up appointments. Over half of those clients have made an appointment for care and services. Through a professional collaboration with Lincoln, we will continue to assist these clients with ongoing testing, evaluation and counseling.

Many clients do not have a primary care provider, even if they are insured. PrEP links clients to a provider as an opportunity to establish a medical home and become more focused on their personal health. By utilizing PrEP as a prevention tool, we can assist more clients in Durham County decrease their risk of getting HIV. Ultimately, we can minimize the spread of HIV in our community.

▶▶▶ This is **Public Health**

- Provides an innovative prevention strategy for reducing newly diagnosed HIV infections.
- Empowers individuals at high risk of acquiring HIV infection by providing a pill in addition to usual prevention methods.
- Increases access to care by leveraging existing clinic services and collaboration with other providers to provide PrEP.

Launch of CHAPP Aims to Keep Kids Healthy and in School



The Child Health Assessment and Prevention Program (CHAPP) is an innovative, on-site care delivery model initiated in Durham County. CHAPP was developed from an identified community need.

Envisioned as a public health, school-based wellness program providing additional, convenient access to well-child assessments, the program began at five elementary schools in Durham County and is the first of its kind in North Carolina.

CHAPP sites provide services by appointment to children, from birth to age 18, who reside in Durham County. In partnership with Durham Public Schools and Duke Medicine, the goal of CHAPP is to ensure students are healthy and ready to learn.

Why make an appointment if a child does not feel sick? There are many important reasons for parents to consider well-child appointments, including early identification of health care issues, staying up-to-date on immunizations, and establishing a trusted relationship with a health care provider.

Early Identification of Health Issues

Unexpected findings on a wellness assessment can include medical conditions, illnesses, or developmental delays of which parents were unaware. This does not occur frequently, but when a vision or hearing deficit is identified, an elevated lead screening is noted, or a developmental screening marker is scored outside the normal range, early identification, referral and treatment for previously unknown health conditions may lessen the impact of chronic and acute physical and developmental problems.

Immunizations

After the kindergarten health assessment and prior to middle school, parents may lose track of recommended immunizations. Additionally, middle and high school students may not receive important recommended vaccines, such as Gardasil to protect against HPV (human papillomavirus).

Referral to Medical Home

CHAPP refers patients back to their medical home to reestablish and maintain continuity of care with the child and health care provider.

Healthy children learn better in school. CHAPP is committed to keeping Durham County's children healthy, so they can develop the necessary skills and attain an education that will shape their futures.



This is Public Health

- Reduces emergency department visits, unscheduled doctor visits, missed days in school, and missed days of work.
- Connects children who do not have a primary care provider at the time of their appointment to a medical home for future health care needs.
- Delivers education, anticipatory guidance, community resource materials and referrals based on the specific or future needs parents may have for their child(ren).

Collaborating and Innovating for Brighter Smiles

A year of firsts can easily sum up the activities for Public Health's Dental Division. Through the creation of innovative partnerships, children's oral health in Durham County will continue to thrive in the years to come.

This fiscal year, the division collaborated with Durham Head Start to host the inaugural Head Start Health Fair and Registration Day.

The two day event, which served 161 children, provided a one-stop location for health screenings as well as academic and fine motor skills assessments for children ages three and four. The fair also ensured children were able to have assessments and screenings completed prior to the time frame mandated by the state (30 days after the first day of school) and prior to the start of school, eliminating disruption to the school day.



In addition to screenings, families were given information about additional services offered by public health, such as nutrition education and Triple P (Positive Parenting Program). Parents were also able to schedule continued health services, including dental treatment.

Numerous parents expressed their appreciation for the event. This collaboration has created a model for other communities in North Carolina and throughout the country. For example, Mercer County Head Start in Ohio has reached out for information on our partnership.

Another first for the division occurred when autism trainings were conducted to improve the quality of services provided to children with special needs. Children with autism can find new experiences, including going to the dentist, very challenging. For division staff, it was important to provide specific training to ensure that both the team and the children could have a successful dental visit.

To put the training concepts into clinical use, the Tooth Ferry Coordinator brought a student with autism on the mobile treatment unit to receive services. The interaction impressed the student's teacher so much that she referred the coordinator to the University of North Carolina's LEND (Leadership Education in Neurodevelopmental and Related Disabilities) Program. In the coming year, participation in the year-long program will enhance our dental staff's knowledge and skills in establishing and maintaining relationships with children, parents, and educators who cater to special needs.



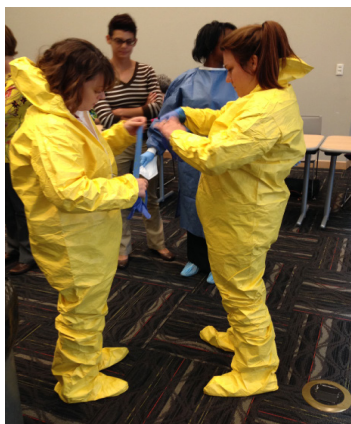
This is Public Health

- Assessed the dental health of 161 children during a two day event.
- Initiated a model for dental health services for other communities in the state and country.
- Participation in the LEND Program enhances staff knowledge and skills to establish and maintain relationships with children with special needs, their parents and caregivers, and their educators.

Monitoring for Ebola Among West African Travelers

When the first case of the Ebola virus was confirmed in the United States, public health officials reacted quickly to prevent transmission of the disease and expanded prevention efforts. Through a massive collaborative effort, federal, state and local public health officials implemented a system of post-arrival monitoring of travelers from West African countries affected by the Ebola virus. The monitoring is still in effect today.

Our Communicable Disease program has been an active partner in the Ebola response and monitoring program. Through activation of its Epidemiology Team and implementation of an Incident Command System (ICS), public health has worked with local partners to create a coordinated response to the Ebola threat, in order to keep the community safe.



TOP: Staff practice donning Personal Protective Equipment (PPE) in preparation for Ebola response. BOTTOM: Leadership across county departments meet to discuss plans for a potential Ebola response in Durham County.



Medical and Laboratory Director Arlene Seña talks with ABC 11 Eyewitness News reporter Anthony Wilson before an Ebola education event for Durham's Liberian community.

To date, over 80 travelers from Liberia, Sierra Leone and Guinea have been monitored by our public health nurses. Through each contact, the nurses have learned about West African culture and the varied experiences of these travelers. Monitored travelers have included diplomats, students, parents, physicians, public health workers, and tourists.

One of those African travelers, a 25-year-old male who required monitoring for Ebola symptoms, was in awe of the abundance of food in grocery stores and the wide selection of goods, clothing and cars in the United States. He also had to adjust to the weather, as well as the cultural and ethnic diversity in the area.

During his monitoring period, he developed a strong bond with our public health nurses, who helped him get adjusted to life in Durham County. Once his monitoring was complete, he was reunited with his family. His experience was gratifying and provided a great example of public health in action.

▶▶▶ This is Public Health

- To date, over 80 Durham County travelers who visited the affected areas have been monitored.
- Preparation strengthens relationships with emergency management, healthcare providers and hospitals when there is a public health threat in our community.

Working Smarter for the Future in Environmental Health



The General Inspections section met the challenge of a 20% increase in mandated restaurant and food service inspections that were required over the previous year. Public Health conducted more than 4,000 inspections and visits for Fiscal Year 2015. The General Inspections section implemented innovative changes to their inspection activities based on data collected through a collaborative quality improvement (QI) initiative. Staff shared ideas and utilized measures that improved efficiency as well as consistency in applying North Carolina Food Code.

Administrative cross-training proved to be very valuable to the division's overall operational and customer support efforts. Staff received insight on numerous administrative duties, which allowed for a better understanding of daily functions. The initiative also increased the division's comradery as it allowed staff to gain a mutual respect for everyone's positions.



A Registered Environmental Health Specialist fills in during lunchtime at Environmental Health's reception desk.



Public Health Preparedness, in conjunction with public health staff, administered 187 flu vaccines to employees within one hour, as an exercise to demonstrate public health's ability to provide mass vaccination to a large number of people in a short period of time. Incident Command System (ICS) was implemented and the exercise was conducted smoothly. In addition to meeting Centers for Disease Control and Prevention (CDC) Strategic National Stockpile requirements, the vaccinations ensured that public health staff would potentially be at lower risk to become infected with influenza.

A member of the Central Registration staff plays the role of an elderly woman during the vaccination exercise.

▶▶▶ This is Public Health

- General Inspections performed over 4,000 inspections in Fiscal Year 2015, a 20% increase in mandated inspections over Fiscal Year 2014.
- Public Health Preparedness provided training and exercises for staff in preparation for environmental and communicable disease threats.

DINE Expands to Serve Childcare



Durham's Innovative Nutrition Education (DINE) program is a hands-on nutrition education program that aims to improve nutrition habits in school-age children and adults.

This award winning initiative has expanded to serve preschool-age children and their caregivers, a first in the Durham community, as there had not been a comprehensive nutrition program targeting this age group prior to DINE. DINE in Childcare not only teaches nutrition but also improves the environments where children spend their time.

The program utilizes Go NAPSACC (Nutrition and Physical Activity Self-Assessment for Child Care), an evidence-based tool created by the University of North Carolina at Chapel Hill, to improve the nutrition and physical activity environments in childcare centers and homes. DINE staff collaborate with center directors and staff to create policies, improve meal quality and enhance staff's modeling of health behaviors.

Since the program's inception, five childcare centers have enrolled: East Durham Children's Initiative (EDCI) LEAP Academy, Little People Day Care Center, Little Wonders Childcare Center, Russell Memorial Child Development Center and White Rock Child Development Center.

During Fiscal Year 2016, at least 10 additional childcare centers are projected to be enrolled in the program.

Funded by USDA's Supplemental Nutrition Assistance Program-Education (SNAP-Ed), DINE in Childcare accommodates childcare initiatives in which over 50% of the children enrolled receive free or reduced meals.

DINE in Childcare staff also partnered with the Durham County Public Library, EDCI, and Durham Head Start program to instill nutrition habits in preschool-age children.



This is Public Health

Since the inception of DINE in Childcare

- Five childcare centers have enrolled: East Durham Children's Initiative (EDCI) LEAP Academy, Little People Day Care Center, Little Wonders Childcare Center, Russell Memorial Child Development Center and White Rock Child Development Center.
- At least 10 additional childcare centers are projected to be enrolled during Fiscal Year 2016.

Durham Double Bucks Program Helping Those in Need



Durham's Double Bucks program, an initiative implemented in 2014, doubles SNAP - Supplemental Nutrition Assistance Program (formerly known as Food Stamps) benefits up to \$10 at two local farmers' markets. The inaugural year was so successful that it has since expanded. According to the Fair Food Network, Double Bucks helps increase fruit and vegetable consumption, food security, and supports the local economy. As one customer at the Durham Farmers' Market stated, "We have been trying to eat healthier, and the option to use our EBT card at the farmers' market to get \$10 more when we spend \$10 is a great help to our family."

Public Health provided the Durham Farmers' Market and South Durham Farmers' Market with technical assistance, marketing and communication support, and grant writing assistance to fund the program.

In its first year, between the two markets, over 850 customers shopped using EBT. Additionally, more than \$15,000 of produce benefited 300 Durham residents and their families.

The number of customers utilizing Double Bucks is expected to grow dramatically in the next year, as marketing and word-of-mouth increase. It will also go on the road – in fall of 2015, Grocers on Wheels will provide Double Bucks through a program funded by the Robert Wood Johnson Foundation (RWJF) Culture of Health Prize, Partnership for a Healthy Durham, and Public Health.

Grocers on Wheels provides local produce to Durham seniors who may have difficulty with transportation or have other mobility limitations that prevent them from getting to farmers' markets.



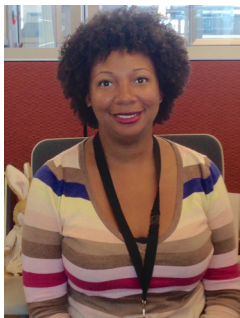
This is Public Health

In the first year of the Double Bucks Program

- Over 850 customers with EBT shopped at the Durham Farmers' Market and South Durham Farmers' Market per year.
- More than \$15,000 of produce benefited 300 Durham residents and their families.

Proud Choices Making an Impact with Durham Teens

Nearly 70% of North Carolina high school seniors have had sex. Less than half of those students used a condom during their last sexual activity, according to Sexual Initiatives for Teens. Durham ranks 36th (out of 100 counties) in the 2013 NC County Health Rankings for the number of teen pregnancies. During the same year, 361 pregnancies occurred among 15-19 year-old girls, and 31.3% were repeat pregnancies. Additionally, youth ages 13-24 accounted for more than 25% of the new HIV infections in the US.



Lakieta Sanders

Public Health Education Specialist Lakieta Sanders implemented Making Proud Choices, an evidence-based HIV risk reduction curriculum for young adolescents at the Durham Teen Center.

This curriculum teaches adolescents that abstinence is the best choice. However, the curriculum also emphasizes that condoms reduce the risk of sexually transmitted diseases (STDs), including HIV, and pregnancy if participants choose to have sex.

Eight sessions were conducted reaching 26 teens.

One teen said, “What I learned from the group is that I should never be afraid to ask my partner to go with me to get tested.”

The teen also expressed interest in participating in FOCUS, a sexually transmitted disease/HIV/unwanted pregnancy prevention program for young adults. The entire group felt Making Proud Choices was useful and would recommend the program to their peers.



This is Public Health

- 31.3% of Durham's teen pregnancies were repeat pregnancies.
- Since the implementation of Proud Choices, eight sessions have reached a total of 26 teens.

Getting Durham Moving ... One Healthy Mile at a Time

Darryl Barnes was used to the constant activity of a large urban area when he lived in New York City. But once he and his family moved to North Carolina, the pace slowed. “Since I moved down South, it is less hustle and bustle for me. I’ve gained 20 to 25 pounds since I’ve been here,” said Barnes.

Once settled in, Barnes and his family were looking for ways to become more active. That is when they discovered a Healthy Mile Trail in the East Durham neighborhood. Created by the Partnership for a Healthy Durham and a number of partners, a Healthy Mile Trail is a one-mile loop with markers painted on Durham neighborhood sidewalks.

There are currently three Healthy Mile Trails in Durham located at East Durham/Holton, Lincoln Community Health Center/NCCU and McDougald Terrace, with plans to create an additional six over the next three years.



The purpose of the trail is to help residents stay healthy by making it easier to be physically active. The desire for Durham County residents to be active in their neighborhoods was first identified in the 2011 Community Health Assessment and recognized again in the 2014 assessment.

Last fall, the Barnes family joined neighbors in participating in a 26-mile marathon walking challenge sponsored by the East Durham Children’s Initiative (EDCI). Group members walked the Healthy Mile Trail at Holton for eight weeks to complete the distance.

Darryl’s wife Lanishia Barnes said of the challenge, “We worked out on the walking trail and got familiar with it so we could walk with or without the group.” The family continued to walk on their own throughout the challenge. At the end of the eight weeks, Lanishia had totaled the largest number of miles and was crowned the winner, with Darryl a close second.

“My wife and I were able to walk together with the baby and spend quality family time together, and by the end of the challenge we had lost some weight. We love the Healthy Mile Trail because it is an activity you can do with your family.”

▶▶▶ This is Public Health

- There are currently three Healthy Mile Trails in Durham: East Durham/Holton, Lincoln Community Health Center/NCCU and McDougald Terrace.
- There are plans to create six additional Healthy Mile Trails in Durham over the next three years to help residents stay active in their communities.

Building Tomorrow's Public Health Leaders Today

Public Health Leaders Academy

The Durham County Public Health Leaders Academy convened its inaugural series of workshops and experiences designed to cultivate leadership excellence. The academy provided opportunities for staff to develop leadership potential and enhance competencies. Participants completed a group project assignment that integrated instruction and reflection to enrich the learning experience for all. Training sessions included Change Management; Communication Skills; Conflict Resolution; Cultural Competency and Equity; Delivering Effective Presentations; Ethics; Leadership Theory; Project Planning; and Public Health: Past, Present and Future.



The objectives of the Durham County Public Health Leaders Academy are designed to

- Promote leadership succession within Durham County Department of Public Health
- Improve organizational effectiveness, efficiency and equity
- Promote individual leadership, self-awareness, growth and change
- Retain talent within the organization

Supervisory Training Program

The Public Health Supervisory Training Program was designed to provide new supervisors with the information needed to complete specific job functions, as well as understanding policies, procedures and protocols to be successful in their position. The program was open to all supervisors within Public Health and was required for those with less than 18 months experience.



Expanding Health Equity

Public Health is having cultural competency conversations to analyze racial/ethnic inequities and the impact of systems on communities of color and people who are poor. These sessions provide opportunities to enhance employees' equity lens to better enable us to provide excellent customer service and be more responsive to needs, while making sure we treat one another with understanding and respect. We are committed to embedding equity into our work using a shared analysis that aims to improve outcomes for all who live, work and play in Durham County.

▶▶▶ This is Public Health

- The Public Health Leaders Academy provides opportunities for staff to develop leadership potential and enhance competencies.
- We are committed to embedding equity into our work using a shared analysis that aims to improve outcomes for all who live, work and play in Durham County.

Public Health Partnering with the Community

- 21st Century Community Learning Center *
- Academy of Nutrition and Dietetics - Pediatric Nutrition Practice Group ■
- American Diabetes Association *
- American Heart Association *
- Antioch Baptist Church *
- Ark Enrichment and Resource Center for Youth and Families *
- Autism Society of North Carolina *
- Beacon Light Church *
- CAARE, Inc. *
- Campus Crossing Apartments *
- Carolina Outreach Services *
- Catholic Charities *
- City of Durham *
- Center for Employment Training *
- Central Intercollegiate Athletic Association (CIAA) *
- Central Park School for Children *
- Cox Barber Shop *
- Cradle Me3 +
- Criminal Justice Advisory Council ■
- Delta Sigma Theta Sorority, Inc. *
- Destiny Cuts and Styles *
- Duke Medicine +
- Duke University *
- Durham Center for Senior Life *
- Durham County Department of Social Services *
- Durham County Detention Center *
- Durham Directors ■
- Durham Beauty Academy *
- Durham County Gun Safety Team ■
- Durham County Head Start *
- Durham County Public Library *
- Durham County Sheriff's Office *
- Durham Crisis Response Center *
- Durham Faith Communities on HIV/AIDS ■
- Durham Farmers' Markets *
- Durham Food Hub ■
- Durham Health Ministry *
- Durham Housing Authority *
- Durham Local Interagency Coordinating Council ■
- Durham's Partnership for Children +
- Durham Police Department *
- Durham Public Schools +
- Durham Together for Resilient Youth (TRY) ■
- East Durham Children's Initiative +
- Ebenezer Baptist Church *
- EFNEP Advisory Council ■
- El Centro Hispano *
- End Poverty Durham ■
- Food Policy Council ■
- Forestview Heights Neighborhood Improvement Association *
- Flashlight Barber Shop *
- Friendly Barber Shop *
- Global Scholars Academy *
- Healthy Families Durham *
- Healthy Start Academy *
- HIV/STD Advisory Council ■
- Imperial Barber Shop *
- Interfaith Food Shuttle *
- Invictus *
- James E. Shepard Sertoma Club *
- John Avery Boys and Girls Club *
- Juvenile Crime Prevention Council ■
- Laurel Oaks Summer Camp *
- Level 51 Apartments *
- Lillian's Beauty Salon *
- Lincoln Community Health Center +
- Little River Community Center *
- Living Healthy Coalition ■
- Local Access to Coordinated Healthcare (LATCH) *
- Mayor's Committee for Persons with Disabilities ■
- Mayor's Poverty Reduction Initiative Health Task Force +
- Meredith College *
- Mount Vernon Baptist Church *
- National Institute of Environmental Health Sciences *
- Nice Trim Barber Shop *
- North Carolina Association of Local Health Directors ■
- North Carolina Central University *
- North Carolina Colorectal Cancer Roundtable Steering Committee-Public Education and Outreach Subcommittee ■
- North Carolina Cooperative Extension Service – Durham County Center *
- North Carolina Department of Health and Human Services *
- North Carolina Diabetes Advisory Council ■
- North Carolina Public Health Association ■
- North Carolina Public Health Foundation +
- North Carolina SNAP-Ed Advisory Committee ■
- North Carolinians Against Gun Violence *
- Northern Piedmont Community Care +
- Northgate Mall *
- Original Styles Barber Shop *
- Partnership for a Healthy Durham ■
- Precision Barber Shop *
- Project Access of Durham County +
- Project Safe Neighborhoods *
- Radio One Raleigh *
- Recovery Innovations *
- Religious Coalition for Non-Violent Durham ■
- Russell Memorial CME Church *
- Safe Kids of Durham County *
- Samuel & Son Barber Shop *
- SEEDS *
- Senior Community Care *
- Shepherd's House Church *
- Signature Kuts *
- Sincerely Yours Salon *
- St. James Baptist Church *
- St. Joseph AME Church *
- Stokesdale Historic Community Association *
- The Art Institute of Raleigh-Durham *
- The Governor Morehead School *
- Thorpe's Barber Shop *
- Threshold Clubhouse *
- Triangle Christian Center *
- Triangle Empowerment, Inc. +
- Triangle J Council on Aging *
- UNC ASCEND Program ■
- UNC School of Dentistry - Department of Pediatric Dentistry *
- UNC School of Medicine - Department of Medicine, Divisions of Infectious Diseases and Pediatrics *
- UNC School of Public Health *
- Improvement Association *
- University of North Carolina at Greensboro *
- Urban Ministries of Durham *
- Veggie Van *
- Visions Counseling Studio *
- Voyager Academy *
- West Durham Baptist Church *
- White Rock Baptist Church *
- Wytha Balance Yoga *
- The YMCA of the Triangle Area, Inc. +

* Collaboration for Services
 ■ Organization with Representation
 (Board and/or Committee)
 + Collaboration for Services and Organization
 with Representation (Board and/or Committee)

Public Health Research: Improving Lives, Advancing Care

Public Health research provides valuable information, which improves the health status of not only Durham County and North Carolina residents, but potentially individuals living in other parts of the country. Several research institutions partner with public health for research opportunities. All research is granted by the approval of the Public Health Director, with direct oversight and review of Institutional Review Board (IRB) activities by the Human Protections Administrator. The table below provides a snapshot of the research currently underway, as well as a brief description of its intended purpose.

Title of Research	Description
Cervical Intrapapillary Neoplasia Cohort Study (CINCS)	This project studied factors associated with patients not attending clinic for follow-up of cervical lesions, such as differences in access to care, patient/provider communication, and factors that are yet unknown and how those factors increase the risk of non-adherence to recommended care.
Strategies to Reduce Non-Adherence to Scheduled Follow-up Appointments for Cervical Intraepithelial Neoplasia-1 in African American, Hispanic, and White Women	A CINCS sub-study, this project studied factors associated with patients of various ethnic and racial groups not attending clinic for follow-up of cervical lesions, such as differences in access to care, patient/provider communication, and factors that are yet unknown; as well as how those factors increase the risk of non-adherence to recommended care.
Women's Healthcare Experience: Qualitative Pilot Study	This study explored the healthcare experiences and self-advocacy behaviors of female survivors of physical, sexual or emotional abuse.
A Randomized Trial to Prevent Cytomegalovirus (CMV)	This study evaluated whether maternal administration of CMV hyperimmune globulin (Cytogam) will lower the rate of congenital CMV infection among the offspring of women who have been diagnosed with primary CMV infection during early pregnancy.
ARRIVE - A Randomized Trial of Induction Versus Expectant Management	This study compared two methods of efficacy. Women randomized to induction of labor were induced via oxytocin at 39 weeks 0 days to 39 weeks 4 days. Those with an unfavorable cervix (modified Bishop score < 5) underwent cervical ripening (method left to the discretion of the patient's physician) in conjunction with or followed by oxytocin stimulation unless there was a contraindication.
Baby Steps II	This study assessed the feasibility, acceptability, and preliminary efficacy of an SMS text-based intervention to help pregnant women quit smoking.

Title of Research	Description
Postpartum Relapse Prevention Intervention	A sub-study of Baby Steps II, this study focused on pregnant women who are currently not smoking.
Community Education About Smoke Exposure (CEASE)	Utilizing various communication media, the study's goal was to educate the public on the effects of exposure to tobacco smoke on children's brain development, particularly the link between exposure to tobacco smoke and the risk of ADHD in children.
Anticardiolipin Antibodies and the B-cell Response in Syphilis Patients	This study evaluated the immune response in patients with syphilis infection in order to determine how to interpret antibody detection tests used for diagnosis and monitoring after treatment.
A Prospective Multi-center Study to Demonstrate the Clinical Performance of "artus© <i>T. vaginalis</i> QS-RGQ MDx Kit" on detecting the Presence of <i>Trichomonas vaginalis</i> in Subjects using DNA Samples from Clinical Specimens	This study determined the use of a new detection method for <i>Trichomonas vaginalis</i> , which is a common sexually transmitted infection among women and men, but for which we have limited tests available for use in the STD Clinic.
DMID 14-0014 - A Randomized, Open-Label Phase 2 Study to Evaluate the Efficacy and Safety of a Single Dose of Oral AZD0914 Compared to Intramuscular Ceftriaxone in the Treatment of Male and Female Subjects with Uncomplicated Gonorrhea	This study was a randomized, open-label Phase 2 study sponsored by the National Institutes of Health and conducted in the STD Clinic by UNC-Chapel Hill research staff, which evaluated the efficacy and safety of a single dose of oral AZD0914 compared to Ceftriaxone in the treatment of male and female subjects with uncomplicated gonorrhea.
Durham Diabetes Coalition	The Durham Diabetes Coalition (DDC) is a collaborative partnership among Duke University, the Durham County Department of Public Health, the University of Michigan, and many Durham community partners. Funds from the Bristol Myers-Squibb Foundation and the Center for Medicare and Medicaid Innovations supported this project. The research portion of DDC focused on developing and implementing a data-driven risk scoring and outcome monitoring system, helping to target interventions based on individual, neighborhood, and community risk.

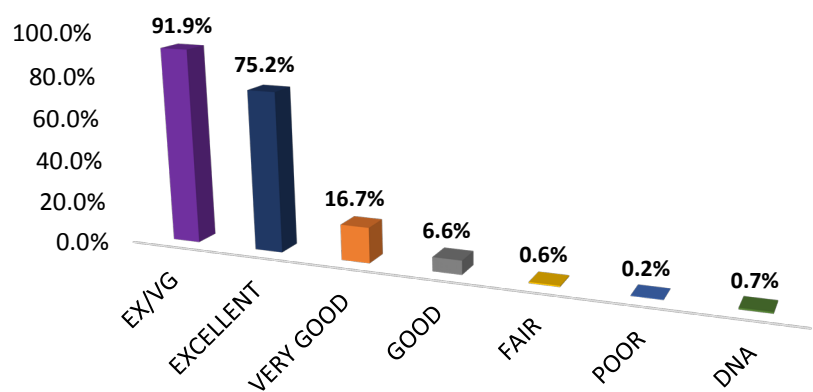
This is Public Health

- The Department partnered with various academic institutions on 11 research studies during FY 2015.
- Findings from these research studies will not only provide valuable information to advance care but will improve the status of individuals beyond Durham County.

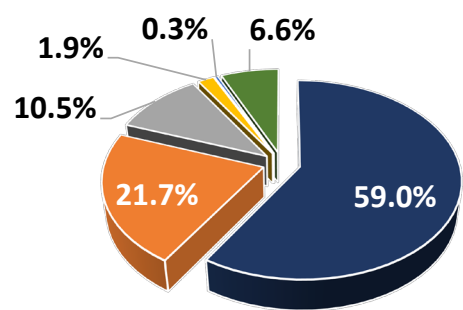
Statistics and Demographics

Client Satisfaction Survey Results

2014-15 Overall Customer Survey Results
Rating of Services Received
(3477 Surveys)

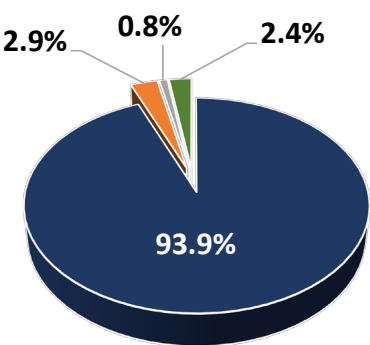


2014-15 Overall Customer Survey Results
Hours/Days Opened
(3477 Surveys)



■ EXCELLENT ■ VERY GOOD ■ GOOD ■ FAIR ■ POOR ■ DNA

2014-15 Overall Customer Survey Results
Recommend Service/Event
(3477 Surveys)



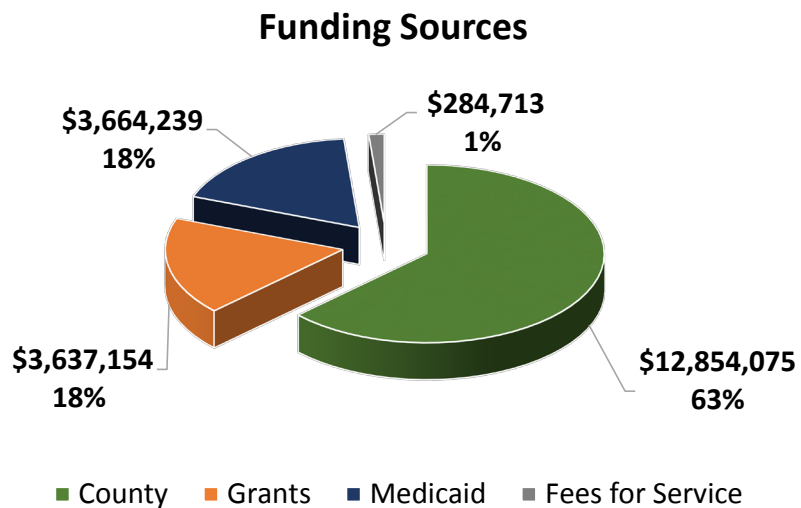
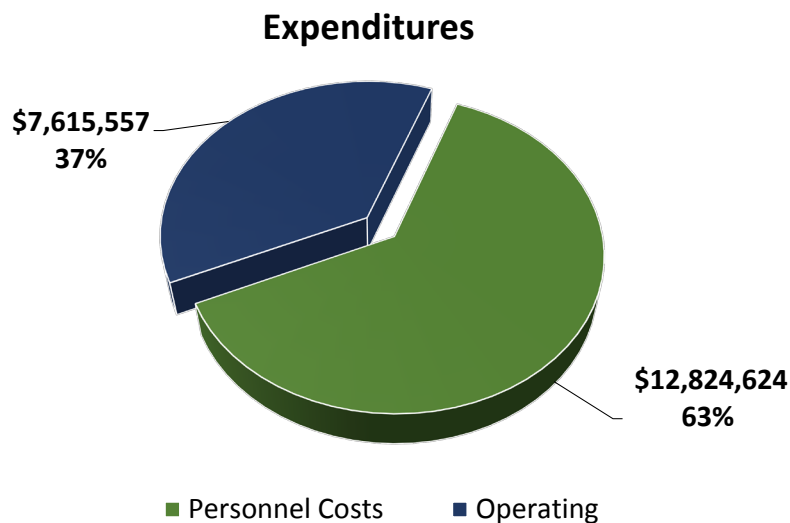
■ YES ■ NOT SURE ■ NO ■ DNA

Clinical and Community Outreach Statistics

	Total
Screenings	29,783
Treatments/Encounters	198,453
Educational Presentations	3,236
Participants in Educational Presentations	47,908

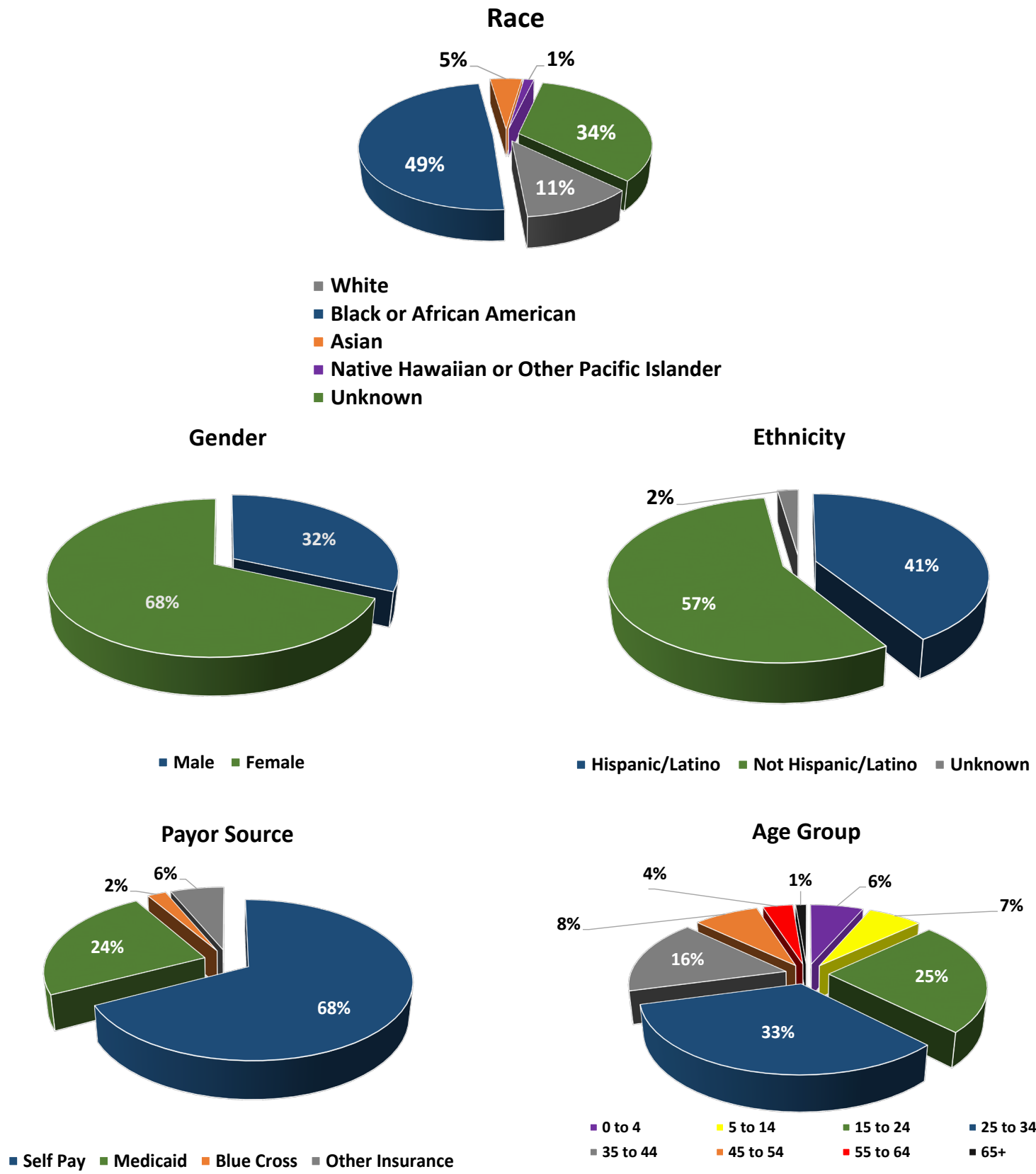
Fiscal Year 2015 Expenditures and Revenue Sources

(Total for Fiscal Year 2015: \$20,440,181)



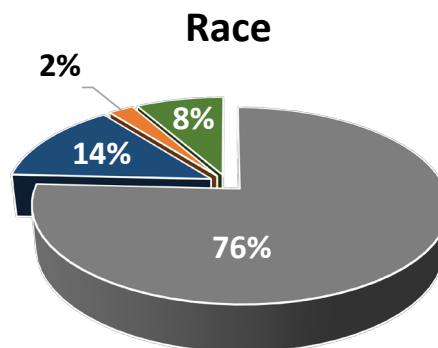
Medical Patient Demographics

Total Number of Patients Seen During FY 2014-15: 11,690

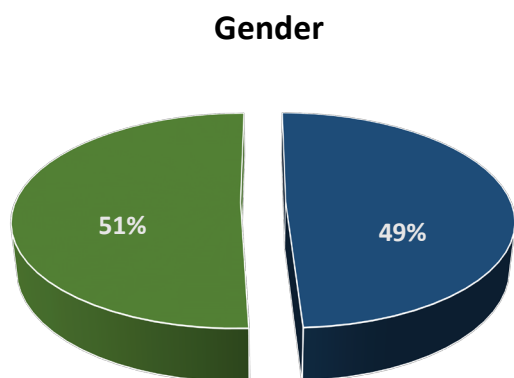


Dental Patient Demographics

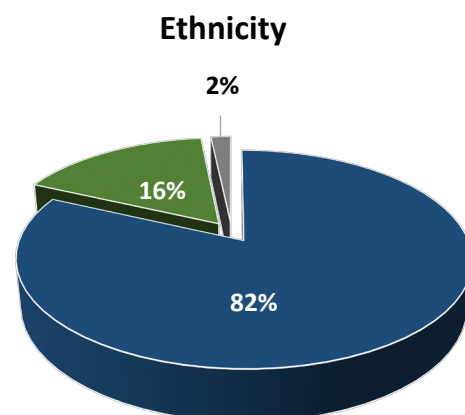
Total Number of Patients Seen During FY 2014-15: 2,309



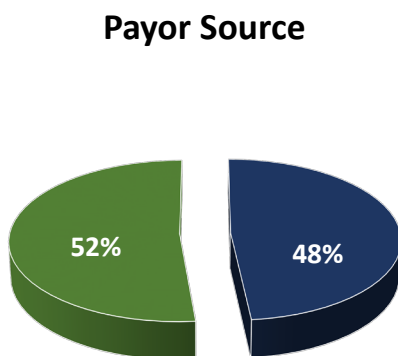
■ White
■ Black or African American
■ Asian
■ Unknown



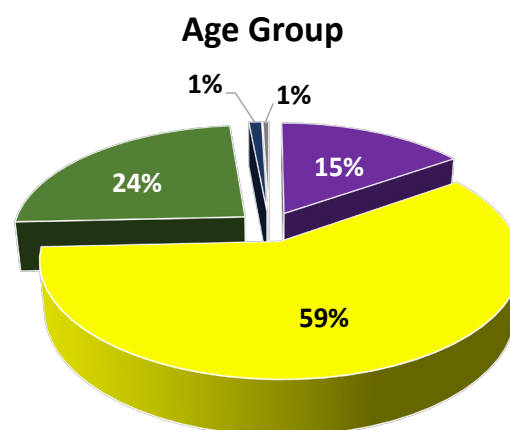
■ Male ■ Female



■ Hispanic/Latino ■ Not Hispanic/Latino ■ Unknown



■ Self Pay ■ Medicaid



■ 0 to 4 ■ 5 to 14 ■ 15 to 24 ■ 25 to 34 ■ 35 to 44

Bahama Bethesda Brightleaf Bragtown
Campus Hills Central Park Croasdaile
Cole Mill Colonial Village Darby Glen Duke Park
East Durham Edgemont Eno Trace Farrington
Forest Hills Gorman Highgate Hillside
Hope Valley Horton Hills Huntington Ridge
Knollwood Lakewood Park Landon Farms
Lattamoor Lebanon Long Meadow Lyon Park
Mary Dell Merrick Moore Morehead Hills
Northeast Hills Northgate Park Oak Grove
Old Farm Old East Durham Old Five Points
Old North Durham Old West Durham
Orchard Ridge Parkwood Penrith Pine Valley
Redwood Red Mill Research Triangle Park
Ridgefield Rigsbee Hill River Forest Rockwood
Rougemont Southpoint Spring Valley
Stadium Heights Treyburn
Trinity Park Valleybrook
Walltown Watts-Hillandale
Wellons Village West End
Whitney Park Woodcroft



Public Health



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