

CHA Research Assets Inventory for the Cabarrus Public Health Research Institute (PHRI)

For more information about potential research opportunities utilizing these programs/assets, please visit www.cabarrushealth.org/programs/phri or contact:

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Clinical Services

Program	Overview of Program	Population Served	Partners	Funding Sources
Family Care Coordination	<p>Provides case management for pregnant women and children through age 5.</p> <p>Several different programs:</p> <ol style="list-style-type: none"> 1) Intensive Home Visiting 2) Maternal Care Coordination 3) Child Services Coordination 4) Health Check Coordination <p>For more information: http://www.cabarrushealth.org/programs/fcc/</p>	<ul style="list-style-type: none"> • 1) Pregnant teens ages 13-20 in Cabarrus County. Wide ranges of races. Only for 1st time pregnancies. 50 currently enrolled • 2) Pregnant Women through pregnancy and until their child is 2 months old. All ages. Grant covers Non-Medicaid (majority Latino). The others are Medicaid (range of races). Visited once a month until baby turns 2 months old. Currently 200 are enrolled or on a waiting list. • 3) Children birth to age 5 with physical, mental, or developmental disabilities or those considered high risk. Each visited 	<ul style="list-style-type: none"> • 1) Referred through our clinics, school health, and self-referred • 2) Referred through our clinics, and other health clinics and self • 3) Referred through health clinics, hospitals, schools, daycare, preschools, and CDSA (Children's Development Services Agency) • 4) Clients names provided through the 	<ul style="list-style-type: none"> • 1) Smart Start and Teen Pregnancy Prevention Initiative grant • 2) Medicaid and grant from the state • 3) Medicaid and grant from the state • 4) State funded

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		<p>at least every 3 months up to age 5. Currently 220 children are being served or on a waiting list.</p> <ul style="list-style-type: none"> • 4) Serve children birth to 21 years old who receive Medicaid or NC Health Choice to improve access to preventive health services. 	<p>Medicaid recipient list.</p>	
<p>WIC (Women, Infants, and Children) Program</p> <p>High Risk Clinic/ Nutrition</p>	<p>WIC – Nutrition Education and Referral Program for pregnant, breastfeeding, & post-partum Women, Infants, and Children up to age 5. This is a federally funded program administered by the USDA. Clients may receive Grocery Store and Farmers Market coupons – currently 32 stores in the county are participating and one farmers market. WIC food items changed on October 1st to include more whole grains, and fruits & vegetables and less milk, juice, & eggs to be cost-effective.</p> <p>BREASTFEEDING-Participants receive breastfeeding promotion, support, education, & supplies. A mini grant was obtained a few years ago because our children participants had a higher average for being overweight or at risk for overweight than children in the state.</p> <p>MNT – Medical Nutritional Therapy</p>	<ul style="list-style-type: none"> • ~5,000 participants • ~45% are Latino • Cabarrus County Residents & other eligible non-Cabarrus County Residents • Pregnant Women, breastfeeding women, and children from birth up to age 5. • Low to Moderate Income/Many on Medicaid – To be income eligible their gross income for a family of 4 has to be \$40,793 or below (they still have to bring ID, residence and income proof and determine nutrition eligibility/ counseling before being able to fully participate and receive coupons) • Can receive breast pump and supplies from WIC. • Breastfeeding classes at the hospital taught in English by lactation consultants. Spanish breastfeeding classes taught at Health Alliance. • Tri-Vitamins available for totally breastfed infants on WIC or not. • MNT – for children up to age 21 on Medicaid with billable medical conditions and Rx and medical information from doctor. 	<ul style="list-style-type: none"> • Cooperative Extension – Family and Consumer Science Program (information sharing) • Hospitals • CHA Maternity Clients & private OB clinics • Long Pre-School and McKnight Head Start • NC WIC Directors (NCALND)–scholarships applications for public health nutritionists, information sharing & support for directors. • State WIC Program (have regional consultants) • National WIC Association • Referrals from pediatric clinics for WIC & Nutrition Services • WIC Grocery Stores and WIC pharmacies (vendors) 	<ul style="list-style-type: none"> • Federal Funds granted by the Women’s and Children’s Health Section of the Nutrition Services Branch • MNT-Medicaid

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	<p>is provided to high risk children. (They would like to do more, but there are many rules with this, lots of paperwork and only R.D.'s can see)</p> <p>For more information: http://www.cabarrushealth.org/programs/wic/index.htm</p>			
<p>Communicable Diseases</p>	<p>Includes testing and treatments for STDs (State mandated services are provided without charge; primary care services are available on a fee for service basis as of July 1st), HIV/AIDS testing and case management (Case Managers help clients with transportation, coordinating medical care, paying for medications, and/or applying for disability, etc) international travel, immunization services, and TB testing.</p> <p>Communicable Disease (CD) is a state mandated program for communicable diseases that are reportable to the state. Clients who are diagnosed/suspected of having these diseases are contacted, interviewed, and sometimes treated prophylactically to prevent further spread of disease.</p> <p>For more information:</p>	<ul style="list-style-type: none"> • 197 reportable CD cases (910 including STD/TB) • STDs – mandated services. Very few have payer source or Medicaid. All age – teens and up. Most are under the age of 45. Patients are from mostly Cabarrus County, but some from Rowan, Stanly, and Mecklenburg. More males. • HIV/AIDS – 65 clients currently + a waiting list of 19 people (mostly through Ryan White grant, very few Medicaid). Case managers lose clients from moving, dying, or non-compliance with program policy. • 16,085 immunizations were given during the 2009 fiscal year. • International Travel – Immunizations for all ages. 3 clients per day or more on average. • Immunizations – done for everyone, however, children are state-supplied. TB testing and medication for patients is also state-supplied. • Referrals are usually by self or the 	<ul style="list-style-type: none"> • Maternity clinic. • Private Providers • Churches 	<ul style="list-style-type: none"> • Ryan White Part A funds HIV Case Management program • State funds from Epidemiology/Communicable Disease Branch • Medicaid, Insurance and Patient fees for services

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	http://www.cabarrushealth.org/programs/cd/	maternity clinic. <ul style="list-style-type: none"> For international travel referrals are mostly through private providers and churches. 		
Maternity Services	Provides pregnant women with medical care throughout the pregnancy, delivery, and postpartum period. Identifies women w/ Gestational Diabetes and high blood pressure (occurs in about 10% of the patients seen, which is expected for indigent populations but somewhat higher than average population). For more information: http://www.cabarrushealth.org/programs/clinic/maternalhealth.htm	<ul style="list-style-type: none"> 963 unduplicated patients seen during the 2008-2009 fiscal year Women – mostly 20-29 year olds Cabarrus & Rowan Counties 60% are Latinos Majority are at or below poverty level 	<ul style="list-style-type: none"> Referrals from DSS, CCHC, Inc., other clinics, self-referrals Other CHA clinics (WIC, Dental, FP, CH, school health) Partner with CCHC to provide MH care at Logan site 1 ½ days per week 	<ul style="list-style-type: none"> Medicaid Medicare Private insurance State grant Patient fees
Family Planning	Assists women and men in understanding human reproduction and planning pregnancies. This program offers education, medical evaluation, contraceptive methods, and/or referral services. For more information: http://www.cabarrushealth.org/programs/clinic/familyplanning.htm	<ul style="list-style-type: none"> 2,071 (236 new, 1,835 continuation) unduplicated patients seen during the 2008-2009 fiscal year Mostly women, but is open to men 20-40 year olds, however some teens are also seen Cabarrus & Rowan Counties ~60% are Latinos Majority are at or below the poverty level 	<ul style="list-style-type: none"> Referrals from DSS, CCHC, Inc., other clinics, self-referrals Other CHA clinics (WIC, Dental, MH, CH, school health) Partnering with CCHC, Inc. providing Latino Family Planning services at McGill, Logan sites 1 ½ days/week 	<ul style="list-style-type: none"> Medicaid Private insurance State grant Patient fees
Child Health Clinic	Provides well-child exams as well as sick care for children. Also identifies	<ul style="list-style-type: none"> 2,305 (145 new, 2,160 continuation) unduplicated patients seen during the 	<ul style="list-style-type: none"> School Systems Department of Social 	<ul style="list-style-type: none"> Medicaid Private insurance

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	<p>asthmatics and eczema in children.</p> <p>For more information: http://www.cabarrushealth.org/programs/clinic/childhealth.htm</p>	<p>2008-2009 fiscal year</p> <ul style="list-style-type: none"> • Majority seen are ages 0-5 years old • 5% of clients are ages 11+ • 68% are Latino • 88-89% are Medicaid patients • Some private & self-insurance 	<p>Services</p> <ul style="list-style-type: none"> • Other clinics within CHA (WIC, Dental, MH) 	<ul style="list-style-type: none"> • State grant • Patient fees • CCP
<p>ADHD Neuro-behavioral Clinic</p>	<p>Diagnosis and treatment of ADD/ADHD in children and adolescents</p> <p>For more information: http://www.cabarrushealth.org/services/adhd/index.htm</p>	<ul style="list-style-type: none"> • 187 unduplicated patients seen during the 2008-2009 fiscal year • Ages 3-21 years old 	<ul style="list-style-type: none"> • School Systems • Physician Offices • Some are self-referred 	<ul style="list-style-type: none"> • Medicaid • Private insurance • CCP
<p>Prostate Health & BCCCP</p>	<p>Prostate screening and delivery of education materials and resources.</p> <p>Breast and Cervical Cancer Control Program (BCCCP) – mammograms and PAP smears for women who qualify</p> <p>For more information: http://www.cabarrushealth.org/programs/healthpromotion/bcccp.htm</p>	<ul style="list-style-type: none"> • Currently approximately 250 clients • Males age 35+ • Priority given to African Americans in Cabarrus County • Current Cabarrus County BCCCP clients continue to be served through CHA program. Clinical breast exam, PAP smear (if applicable) and mammogram provided 	<ul style="list-style-type: none"> • Churches • African American Barber Shops • CMC-NE Breast Health Center 	<ul style="list-style-type: none"> • OMH Grant (Medicare/Medicaid/Insurance for F/U if needed) • State/Federal BCCCP grant • Komen grant • NC Office of Minority Health and Health Disparities.
<p>Innovative Approaches-A Systems Approach for Children /Youth w/Special Health Needs</p>	<p>This newly funded grant, as of February 1st, 2010, addresses the gaps, system improvements and needs in the Cabarrus, Rowan and Stanley systems of care for children with special health care needs.</p>	<ul style="list-style-type: none"> • The target population will be children birth to 21 years of age with a special health care need. 	<ul style="list-style-type: none"> • Cabarrus Health Alliance • Southern Piedmont Community Care Program • Rowan County Health Department and Stanly County Health 	<ul style="list-style-type: none"> • NCDHHS- Office of Women's and Children's Health • Medicaid, Insurance and Patient fees for services

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			Department <ul style="list-style-type: none"> • Carolinas Medical Center-NorthEast • Cabarrus Partnership for Children • Piedmont Behavioral Health • Cabarrus County Department of Social Services • Cabarrus County and Kannapolis City School Systems • Family members: Three family members will participate on the IA steering committee, which will provide insight and parent's perspective on the service system and how it currently operates. 	

Health Initiatives

Program	Overview of Program	Population Served	Partners	Funding Sources
<p>Tobacco Prevention</p>	<p>Funded by Health and Wellness Trust Fund, this program is dedicated to teen tobacco use prevention and cessation. Participants include youth from area high school leadership classes, the Beta Club, our Priority Population teen task force and student council members. Our community group, the Teen Task Force, is comprised of high school youth who have volunteered from all the high schools within Cabarrus County.</p> <p>For more information: www.cabarrushealth.org/TRU</p>	<ul style="list-style-type: none"> • Currently there are 15 active teens in grades 10th-12th • Target audience is youth 12-18 • Leadership teachers are involved from Central Cabarrus, Hickory Ridge, and Concord High School. The Sophomore Student Council advisor at Mt. Pleasant works with her student council and the Beta Club at A.L. Brown conducts activities through its afterschool program. • School Nurses and 6th grade Health Teachers are trained as part of the program. • Formerly restaurants were targeted to put smoking policies into place – this has changed due to new legislation. • Gas stations and other vendors that sell tobacco are also targeted. • Pediatric staff at CHA, dental society members, and clinic staff have been trained on the 5 A's for cessation. 	<ul style="list-style-type: none"> • Concord City Schools • Kannapolis City Schools • CHA Pediatric staff • Dental Society Members • Other HWTF Teen Tobacco Grantees (51 currently) • Other Health Departments • Tobacco Control Branch • American Cancer Society 	<ul style="list-style-type: none"> • Health and Wellness Trust
<p>ALMA (Adolescent Latinos Motivating Actions/ Priority Populations)</p>	<p>As part of the TRAIL program, ALMA aims to provide culturally and linguistically appropriate resources and outreach efforts to improve the health and wellness of Latino youth and their families in Cabarrus County. In particular, ALMA focuses on abstinence based teen pregnancy prevention in Kannapolis City Schools.</p>	<ul style="list-style-type: none"> • 2009-2010 ALMA High School Mentors group is currently made up of 9 students (11th and 12th graders) from Cabarrus County and Kannapolis City High Schools. • Graduate Translation/Translation Studies Students from UNCC • Hispanic Learning Center – Latino Elementary School students and their parents as well as ESL teachers, staff, 	<ul style="list-style-type: none"> • Hispanic Learning Center • El Templo de Redencion • St. James Catholic Church • St. Joseph Catholic Church • Kannapolis Middle School • A.L. Brown High School 	<ul style="list-style-type: none"> • Office of Population Affairs, Office of Adolescent Pregnancy Prevention

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	<p>For more information: http://www.cabarrushealth.org/trail/alma.aspx</p>	<p>and volunteers involved in the program.</p> <ul style="list-style-type: none"> • Latino Faith Based youth are from El Templo de Redencion in Concord, St. James Catholic Church in Concord, and St. Joseph Catholic Church in Kannapolis • 7th and 8th grade Latino students from Kannapolis Middle School. • 9th grade students from Latino A.L. Brown High School. 	<ul style="list-style-type: none"> • UNCC 	
<p>TRAIL (Taking Responsible Actions In Life)</p>	<p>This program is one of 26 federally funded pregnancy prevention demonstration projects. It incorporates four major components: Abstinence Education, Youth Development, Parental Involvement and Social Norms Marketing. TRAIL was selected as a cross-site evaluation grantee in which data will be used to educate the research field on adolescent pregnancy prevention and successful programs practices.</p> <p>For more information: www.trailnow.com</p>	<ul style="list-style-type: none"> • 750 7th and 8th grade students at Kannapolis Middle and their parents • 350 9th grade students at A.L. Brown and their families • Teachers and staff at A.L. Brown (mostly 9th grade teachers are involved) • TRAIL has a control site, which is Concord Middle School – these students, their families, and teachers are just surveyed, but they do not receive the program. • This year, the program added a low-dose site in which students receive only the abstinence curriculum. They are involved in the evaluation component as well. • 21 High School Mentors are involved; mostly 11th and 12th grade students from Cabarrus County Schools. This includes A.L. Brown, Concord High School, and Northwest High School. • Administrators and Principals at participating schools 	<ul style="list-style-type: none"> • Kannapolis Middle School • Cabarrus County Schools – A.L. Brown, Concord High School, and Northwest High School • UNCC • Principals, teachers, and staff from UNCC • Duke University 	<ul style="list-style-type: none"> • Office of Population Affairs, Office of Adolescent Pregnancy Prevention

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		<ul style="list-style-type: none"> • Around 15 college students from UNCC help teach curriculum in health classes. These students are nominated by their department head at UNCC. 		
<p>Regional Heart Disease and Stroke Prevention Program</p>	<p>Focuses on systems-level change to create communities, work places, schools and health care systems that are supportive of cardiovascular health promotion and the secondary prevention of cardiovascular disease (CVD). The HDSP Program seeks to work with multiple partner organizations - both public and private - in settings across the state to address hypertension and high cholesterol, as well as physical inactivity, unhealthy eating, tobacco use, diabetes and overweight/obesity. Local initiatives include training health care providers and EMS, promoting quality improvement programs in hospitals, engaging businesses in employee wellness programs, train-the-trainer programs in African American churches, and CVD public awareness campaigns.</p> <p>For more information: http://www.cabarrushealth.org/programs/heart/ www.startwithyourheart.com</p>	<ul style="list-style-type: none"> • 16 counties that make up the South Central Region of NC (Alexander, Anson, Burke, Cabarrus, Caldwell, Catawba, Cleveland, Gaston, Iredell, Lincoln, Mecklenburg, Montgomery, Richmond, Rowan, Stanly, Union) • Hospitals • Primary Care Physicians • ER Physicians • Cardiologists • Neurologists • EMS Providers • Nurses • Worksites • Schools • Churches 	<ul style="list-style-type: none"> • State HDSP Branch (DHHS) • Other HDSP Regional Coordinators (Eastern, Northeastern, Western) • American Heart/American Stroke Association • Health Care Providers • EMS • Churches • Businesses • Legislators • Justus Warren HDSP Task Force • NC Stroke Advisory Committee (SAC) • Charlotte AHEC • IPIP (Improving Performance In Practice) • Tri-State Stroke Network (TSSN) • North Carolina Stroke Care Collaborative (NCSCC) • Local Health Departments 	<ul style="list-style-type: none"> • Centers for Disease Control and Prevention (CDC)

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<p>Healthy Lives, Healthy Futures (HLHF) Program</p>	<p>Community based program funded by the Kate B. Reynolds Charitable Trust. Designed to reduce the risk of chronic diseases such as diabetes, heart disease, and stroke among low income communities through behavior changes in physical activity, nutrition, and tobacco use. Utilizes a train-the-trainer model for lay community health advocates in underserved sites, including African American churches and Senior Centers in Cabarrus, Mecklenburg, and Rowan counties.</p> <p>For more information: www.hlhf.org</p>	<ul style="list-style-type: none"> • 500 participants currently enrolled. • Currently 10 African American churches and 6 senior sites are participating in the program. • Marjory are African Americans and most are at high risk or already have a chronic disease. • Ages 16 and over are currently eligible to participate. • A youth component is being developed and will be launched in the next 1-2 years. • By the end year 7 (2014), HLHF plans to enroll at least 33 sites and over 2,000 active participants. 	<ul style="list-style-type: none"> • Cabarrus County Department of Aging • Local Senior Centers • Multiple churches from Cabarrus, Rowan, and Mecklenburg counties • American Heart/American Stroke Association • Presbyterian Health Ministry • CMC-NE Parish Nursing and Health Ministry 	<ul style="list-style-type: none"> • Kate B. Reynolds Charitable Trust
<p>Childhood Obesity Prevention</p>	<p>This program started with a statewide competitive grant in 2008. CHA formed the Childhood Obesity Prevention Partnership (COPP), which seeks to reduce the rate of childhood overweight and obesity in Cabarrus County by working collaboratively with community partners. COPP was adopted as a subgroup of Healthy Cabarrus in 2009.</p> <p>The program is currently working with two grants, which are described in more detail in a separate box:</p> <ul style="list-style-type: none"> • Mobilizing Healthcare 	<ul style="list-style-type: none"> • Youth in Cabarrus County (birth to age 18) 	<ul style="list-style-type: none"> • Cabarrus County Schools • Kannapolis City Schools • Local pediatric providers • Cabarrus County and Kannapolis Parks & Recreation • Child care centers • CMC-NE • Cabarrus Partnership for Children (Smart Start agency) 	<ul style="list-style-type: none"> • National Initiative for Children’s Healthcare Quality (NICHQ) • National Association of County and City Health Officials (NACCHO) • Healthy Cabarrus

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	<p>Professionals as Advocates in the Fight Against Childhood Obesity (funded through NICHQ)</p> <ul style="list-style-type: none"> Action Communities for Health, Innovation, and EnVironmental ChangE (ACHIEVE) (funded through NACCHO) <p>For more information: http://www.cabarrushealth.org/healthycabarrus/COPP.htm</p>			
<p>Mobilizing Healthcare Professionals to Serve as Advocates for Childhood Obesity</p>	<p>This project seeks to create ENGAGED local healthcare professionals in childhood obesity prevention. The project team will train 30 local healthcare professionals in advocacy, work with them to develop an individual advocacy plan, and provide resources so they can make a difference in settings of their interest.</p> <p>For more information: http://www.nichq.org/advocacy/about/index.html</p>	<ul style="list-style-type: none"> Train healthcare professionals- includes traditional professionals, such as physicians, nurses, school nurses Train non-traditional professionals whose decisions have an impact on the health of youth, including child care center staff, school center staff, etc. 	<ul style="list-style-type: none"> Schools Partnership for Children Community Care Plan Carolinas Medical Center-NorthEast Local providers Childhood Obesity Prevention Partnership (COPP) and its partners 	<ul style="list-style-type: none"> National Initiative for Children’s Healthcare Quality (NICHQ)
<p>Action Communities for Health, Innovation, and EnVironmental</p>	<p>ACHIEVE aims to bring together leaders from all sectors of a community to build healthier communities by promoting policy, systems, and environmental change</p>	<ul style="list-style-type: none"> Youth, but specific population has not yet been determined because community action plan has not yet been developed 	<ul style="list-style-type: none"> Childhood Obesity Prevention Partnership (COPP) and its partners Unsure of specific partners at this time, 	<ul style="list-style-type: none"> National Association of County and City Health Officials (NACCHO)

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<p>Change (ACHIEVE)</p>	<p>strategies that focus on physical activity and improved nutrition to prevent obesity.</p> <p>As part of the project, we will use a CDC tool to conduct a more focused community assessment about obesity needs/issues and then develop a community action plan using those results.</p>		<p>but expect to include schools, parks & recreation, local government, community organizations</p>	
<p>Healthy Cabarrus</p>	<p>Healthy Cabarrus (HC) is a community health initiative with the mission of uniting and mobilizing community partners to identify and address health needs. HC also develops the Community Needs Assessment every four years. Healthy Cabarrus is a Certified Healthy Carolinians partnership, certified by the North Carolina Governor’s Task Force for Healthy Carolinians. The partnership was established in 1998 through joint efforts of CMC-NorthEast and Cabarrus Health Alliance.</p> <p>For more information: http://www.cabarrushealth.org/healthycabarrus/</p>	<ul style="list-style-type: none"> • Multiple populations served through the many task forces under HC. The populations served are most often the underserved, including the uninsured, minority, and low income. • The HC priority areas that are currently being addressed are access to dental care, childhood obesity (COPP Partnership), Health Disparities: Prostate Cancer in African American men, Teen Health Issues- Teen Tobacco Use, and Access to Mental Health. 	<ul style="list-style-type: none"> • More than 35 community partners comprise the advisory board and more than 75 partners participate in the collaborative work of the partnership. • Cabarrus Community Health Centers/ NC House of Representatives • Cabarrus County Schools • Cabarrus County Department of Social Services • Community Outreach Coordinator, CMC-Northeast • Cabarrus Regional Chamber of Commerce • Kannapolis City Schools • Cabarrus County 	<ul style="list-style-type: none"> • CMC-NorthEast • Cabarrus Health Alliance • Kate B. Reynolds Charitable Trust • Statewide Health Promotion Funding

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			Department of Aging <ul style="list-style-type: none"> • Duke Translational Medicine Institute • City of Kannapolis • City of Concord • Cabarrus Cooperative Christian Ministry • CMC-NorthEast, Parish Nursing • Cabarrus Partnership for Children • Piedmont/Cabarrus Community Care Plan • Piedmont Behavioral Healthcare • Copperfield Internal Medicine • CMC-NorthEast Latino Health Ministry • United Way of Central Carolinas, Inc. • Cabarrus College of Health Sciences 	
Health Promotion	Health Promotion works to better the health of the community, individuals, and employees through prevention, education, and implementation of curricula/ programs related to health education topics. Current focuses include: physical activity, nutrition, and tobacco prevention. An Employee Wellness Committee has been developed and implemented at Cabarrus Health Alliance that	<ul style="list-style-type: none"> • Cabarrus County residents – mostly ages 18-60 • Cabarrus Health Alliance Employees • Varies worksites • Churches • Community Members 	<ul style="list-style-type: none"> • Businesses • Churches • Worksites • Physical Activity and Nutrition Branch • NC Division of Public Health, DHHS • Local Health Departments across the state of North Carolina 	<ul style="list-style-type: none"> • NC Department of Health and Human Services, Physical Activity and Nutrition Branch

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	<p>meets monthly to discuss ways to better the health of employees. The Wellness Committee currently offers at least 1 exercise per day, Monday through Friday, either at lunch or in the evening to promote physical activity. Lunch-N-Learns are also held at least 4 times a year for employees as well. Topics include heart disease and stroke prevention, physical activity, nutrition, and tobacco prevention among many others.</p> <p>For more information: http://www.cabarrushealth.org/programs/healthpromotion/</p>			
<p>Diabetes Patient Self – Management Program</p>	<p>The Diabetes Patient Self-Management Program (DPSM) is a physician-referral program that teaches participants self-management techniques to better control their diabetes. The program includes an initial one-on-one visit with a Registered Dietician, a day-long skill building class, healthy cooking classes and grocery store tours, and then a 3-month follow-up visit. The curriculum for the skill-building class was developed by the NC Department of Health and Human Services, Division of Public Health, Diabetes Prevention and Control Program.</p>	<ul style="list-style-type: none"> • Currently serving 52 patients • The goal is to serve an additional 150 patients by the end of 2010 • Individuals with Type 2 Diabetes • Uninsured/Low-Income • Racial makeup is mixed • 40+ year olds served • Serves residents of Mecklenburg, Rowan, and Cabarrus Counties 	<ul style="list-style-type: none"> • McGill Clinic • Logan Clinic • CHA programs/clinic • Churches • Parish Nurses • Physicians in Mecklenburg, Rowan, and Cabarrus Counties 	<ul style="list-style-type: none"> • Kate B. Reynolds Charitable Trust • Reimbursement from Medicare, Medicaid and Blue Cross Blue Shield • Sliding fee scale

Dental

Program	Overview of Program	Population Served	Partners	Funding Sources
Dental Services	<p>Offer oral health education, preventive and restorative dentistry services to residents of Cabarrus County. Three collaborations are currently in place:</p> <p>1) With Maternal Child Health – Pregnant women need to take care of oral needs before they deliver because different diseases and other illnesses can be passed to the baby. (ex. periodontal disease). Dental caries in pregnant women can inoculate in children ages 1-2.</p> <p>2) Smart Start and pediatricians – Children with a higher number of dental caries also have more consumption of empty carbohydrates which can then lead to obesity.</p> <p>3) CCP – adult care – there is a lower number of emergency visits due to dental issues (previously 100-150 visits per month, now down to 65-90 visits per month). Targets adults with chronic disease that can be influenced by oral health.</p> <p>For more information: http://www.cabarrushealth.org/services/dental/index.htm</p>	<ul style="list-style-type: none"> • 13,000 patient visits per year • Currently see mostly all children (70%) except adults through CCP grant (these adults have to qualify based on income after Medicaid declines usually) • Around 60% of patients are Hispanic 	<ul style="list-style-type: none"> • Maternal, child health • Pediatricians • Family Practice physicians • Smart Start community partners 	<ul style="list-style-type: none"> • Patient Fees • CCP Grant • Medicaid and Insurance Reimbursement for services

Environmental Health

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<p>Environmental Health</p>	<p>Environmental Health is a mandated service.</p> <p>Health and Sanitation Inspections Including: Restaurants, Swimming pools, Nursing Homes, Hotels, Childcare, Schools, Food Facilities, Food and Lodging, Onsite Wastewater, Drinking Water, Wells/ Water Sampling, Mosquito Control, Child Care Centers, Pools, Tattoo, Lead. Mosquito control only is offered in the unincorporated parts of the county, the City of Concord and the Town of Mt. Pleasant. Pest Control advice is also given. Mosquito and pest control are no mandated activities.</p> <p>For more information: http://www.cabarrushealth.org/programs/environmentalhealth/</p>	<ul style="list-style-type: none"> • Residents of Cabarrus County • Restaurants and other businesses 	<ul style="list-style-type: none"> • Cabarrus County Government • Potential Partner – Tourism Agencies 	<ul style="list-style-type: none"> • County Contributions and Fees

School Health

Program	Overview of Program	Population Served	Partners	Funding Sources
<p>School Health</p>	<p>School nurses are placed in all elementary, middle, and high schools in Cabarrus County Schools and Kannapolis City Schools. They are there to prevent or identify student health or health-related problems. Nurses are assigned to one school where they keep up with the number of students with different types of conditions (i.e. diabetes, ADHD, etc). The information collected is easily accessible. This program experienced a lot of loss this year which will make this year a unique setting.</p> <p>For more information: http://www.cabarrushealth.org/programs/schoolhealth/</p>	<ul style="list-style-type: none"> • 42 school sites which include students from: elementary, middle, and high schools within Concord City Schools and Kannapolis City Schools. • Currently there are 4 nurses assigned to day care centers as well. These are funded by Smart Start. Focus on health and safety issues. Teach staff and children about these topics. (Not sure about funding as of Sept. 1st) • Currently targeting at risk day care centers (with higher number of Medicare/subsidy). Nurses visit all centers and day care homes, but more often to those at high risk. Does not include part time programs (pre-schools or churches – unless full time) 	<ul style="list-style-type: none"> • CCS and KCS school systems (except for Glen Center, they have suspension for middle and high school) • Day care centers • Pre-schools • Churches. • Rowan early college potentially as well. 	<ul style="list-style-type: none"> • School Nurse Program: Cabarrus County Schools; Kannapolis City Schools and Cabarrus Health Alliance. • Daycare nurse program: Smart Start • Contributions and private donations

Human Resources

Program	Overview of Program	Population Served	Partners	Funding Sources
Human Resources	<p>Part of Public Information Officers Group. Complete trainings for dentists, pharmacists, funeral homes, etc. Ability to send messages to all employees (preparedness issues). Works closely with Employee Wellness Program; Offers pool of individuals to study employee practices; Currently have ~260 CHA employees; 95% female; Health care workers in various subsets</p>	<ul style="list-style-type: none"> • CHA Employees 	<ul style="list-style-type: none"> • Physicians • Pharmacists • Pediatricians • Internal Medicine Doctors • Dentists. 	<ul style="list-style-type: none"> • CHA General Administration Funds
Public Health Preparedness and Response Program	<p>PHP&R Program is a state mandated program to help local health departments be prepared in the event of bioterrorism, disaster, or events that require immediate response.</p> <p>Local health departments are required to have written plans for various possible events. These include SNS Plan (Strategic National Stockpile), All-Hazards Plan, Pandemic Influenza, and Smallpox Plan. These plans are required to be updated and exercised on a regular basis.</p>	<ul style="list-style-type: none"> • All of Cabarrus County 	<ul style="list-style-type: none"> • County Emergency management • CMC-Northeast • Local law enforcement, fire, and EMS • DSS • Red Cross and other volunteer organizations • Local school systems • PHRST-7 based in Mecklenburg County 	<ul style="list-style-type: none"> • Funding sources come mainly from the CDC via state.

Information Technology

Program	Overview of Program	Population Served	Partners	Funding Sources
<p>Common Ground Program and SoPHIE (Southern Piedmont Health Information Exchange)</p>	<p>1) Common Ground - started with a Heart Disease focus, but has switched to current focus “Chronic Disease” – still has an EMR focus as well. Has regional focus and partners with other local health departments; focus has been on Business Process Analysis, Business Process Redesign, and Requirements Definition. Two primary parts include the HIS Adoption Project and the EMR Practice Management Evaluation Project.</p> <p>2) SoPHIE – long term goal is to create a health information exchange (HIE) that will link health departments, hospitals, physician practices, and other partners into one portal with EMR’s and other health information.</p> <p>For more information: http://www.cabarrushealth.org/CommonGround/index.htm</p>	<ul style="list-style-type: none"> • Health Care Providers • Anyone involved in health care from a technology perspective • 70 people from SoPHIE participated in the EMR/Practice Management Project, including partners from Duke, UNC, CCNC, DMA, NCIPH, Cabarrus Family Medicine, NC Cooperative Extension, and others. 	<ul style="list-style-type: none"> • 8 local health departments in the Southern Piedmont Region (Cabarrus, Mecklenburg, Iredell, Alexander, Gaston, Catawba, Rowan, Union) • NCHICA – NC Healthcare Information and Communication Association: • SPPPH/Incubators (Southern Piedmont Partnership for Public Health) • PHII (Public Health Informatics Institute) – program office for RWJ Common Ground Program 	<ul style="list-style-type: none"> • Robert Wood Johnson Foundation (Funding has ended) however we expect to continue to move SoPHIE forward as the model for HIE that the public health community prefers)

***Bolded Text:** Number of patients/clinics for a specific program

Cabarrus Health Alliance Board

Cabarrus Health Alliance is governed by a seven member board composed of representatives from the Cabarrus County Board of Commissioners, the Cabarrus County Medical Society, the Cabarrus Physicians' Organization, the Cabarrus County Board of Health, the NorthEast Medical Center Board of Trustees, and two citizens at large.

Board Members Effective July 1, 2008	
Board Member	Representing
Charles C. Phillips Chairman	Public Member
Carolyn B. Carpenter, Vice Chair	Member/Designee: Cabarrus County Board of Commissioners
Allan R. Krusell, M.D.	Cabarrus County Medical Society
Alex J. Barker, JD, MHA VP, Operations & General Counsel	Member/Designee: CMC NorthEast Board of Directors
Jessica Castrodale	Public Member
Walter Vuchnich, DDS	Public Member
Robert Silver, MD	CMC NorthEast Medical Staff

Southern Piedmont Partnership for Public Health (SPPPH)

The SPPPH includes the following counties: Alexander, Cabarrus, Catawba, Cleveland, Gaston, Iredell, Lincoln, Mecklenburg, Rowan, Stanly, and Union.

Vision of the Southern Piedmont Partnership

Collaborating to Improve Public Health Practice

Mission of the Southern Piedmont Partnership

The Southern Piedmont Partnership for Public Health is a flexible, synergistic, innovative collaborative committed to improving public health practice.

Goals:

- 1) Addressing Clinic Efficiencies:** This two-year project will provide an opportunity for each health department to work with paid or state consultants to identify, develop and implement effective medical models of clinical efficiency to improve public health practice, and ultimately, better serve our communities. A final report will be developed and disseminated to the other Incubator Collaboratives through the Incubator website and conferences.
- 2) Finance & Dental Work Groups:** The Southern Piedmont Partnership will continue funding regular meetings of its regional Finance and Dental work groups. Future discussion will focus on issues related to 1) uncompensated care, 2) financing of clinical public health services, 3) analysis of family planning services outcomes, and 4) assessment and recommendations for local health department readiness for the new statewide Health Information System (HIS). Both workgroups will develop processes for generating revenue and sustaining financial independence, and propose to integrate their efforts with the clinic efficiency project (see Addressing Clinic Efficiencies).
- 3) Grant-Writing Work Group:** In 2006, the Southern Piedmont Partnership established a grant-writing work group whose function was to increase regional collaboration and capacity for developing grant proposals to sustain the work of the partnership. This work group will continue for the next two years focusing specifically on funding opportunities including 1) technology-focused applications for public health practice, 2) infant mortality rate reduction, and 3) increasing Internet access for patients and providers in rural areas. This work group also will develop a regional application seeking the services of a CDC fellow. Products and processes developed by the work group will be shared widely with public health, academic, and private sector partners and colleagues.
- 4) Accreditation – Regional Support:** Due to tremendous response to its initial accreditation support initiative, the Southern Piedmont Partnership will continue to collaboratively develop a “train the trainer” style model through which accredited health departments provide technical assistance to those agencies yet to undergo the accreditation process.

Cabarrus County Demographics

As of the 2000 US Census, there were 131,063 people, 49,519 households, and 36,545 families residing in the county. The population density was 360 people per square mile. The Census population estimate for 2008 was 168,740, which is a change of 28.7%.

Among people at least five years old living in Cabarrus County in 2006-2008, 9% spoke a language other than English at home. Of those speaking a language other than English at home, 78% spoke Spanish and 22% spoke some other language; 59% reported that they did not speak English "very well."

Racial Makeup (Estimates: 2006-2008)

Race	Percentage
White (non Hispanic/Latino)	73.3%
Black	15.1%
American Indian/Alaska Native	0.4%
Asian	1.6%
Native Hawaiian/Other Pacific Islander	Z
Hispanic/Latino	8.9%
Two or more races	1.1%

*Z: Value greater than zero but less than half unit of measure shown

Age Makeup (Estimates: 2006-2008)

Age	Percentage
Under 5 years	8.0%
5 to 9 years	6.9%
10 to 14 years	7.6%
15 to 19 years	6.4%
20 to 24 years	6.1%
25 to 34 years	14.2%
35 to 44 years	15.6%
45 to 54 years	14.3%
55 to 59 years	5.5%
60 to 64 years	5.0%
65 to 74 years	5.7%
75 to 84 years	3.4%
85 years and over	1.3%

Incomes per Household (Estimates: 2006-2008)

Incomes (dollar amount)	Percentage
Less than \$10,000	6.1%
\$10,000 to \$14,999	5.4%
\$15,000 to \$24,999	9.4%
\$25,000 to \$34,999	10.4%
\$35,000 to \$49,999	14.8%
\$50,000 to \$74,999	20.7%
\$75,000 to \$99,999	13.3%
\$100,000 to \$149,999	12.2%
\$150,000 to \$199,999	4.2%
\$200,000 or more	3.3%

Median household income (dollars): \$54,264**Employment by Industry (Estimates: 2006-2008)**

Industry	Percentage
Educational services, and health care and social assistance	20%
Retail trade	13%
Manufacturing	11%
Construction	10%
Finance and insurance, and real estate and rental and leasing	9%
Professional, scientific, and management, and administrative and waste management services	9%
Arts, entertainment, and recreation, and accommodation, and food services	8%
Transportation and warehousing, and utilities	6%
Wholesale trade	4%
Other Services, except public administration	4%
Public administration	3%
Information	2%
Agriculture, forestry, fishing and hunting, and mining	1%

Persons below poverty level (2007): 11.1%References: www.census.gov