

New Hanover County Health Department



Third Quarter Report January 1, 2016 – March 31, 2016

Zika Virus and Environmental Health

Zika is a disease caused by the Zika virus, which is spread to people primarily through the bite of an infected Aedes species mosquito. The most common symptoms of Zika are fever, rash, joint pain, and conjunctivitis (red eyes). On February 1, 2016, the World Health Organization (WHO) declared Zika virus a Public Health Emergency of International Concern (PHEIC). Since February, Zika virus infection has been reported in other countries and territories and will likely continue to spread.

The Health Department's Epidemiology Team, Communicable Disease and Environmental Health Services staff has since made huge strides to educate the community about Zika and the control of mosquito populations. Reviewing our archive of mosquito species data, we determined that it has been many years perhaps 1990s or earlier since we have trapped the species known to carry and transmit the Zika virus, Aedes aegypti. The Aedes aegypti species is believed to have been displaced by the related southeast Asian species Aedes albopictus throughout North Carolina and surrounding states. Both species, however, are known to transmit dengue and chikungunya viruses, hence the concern Aedes albopictus may also be an adaptable or competent Zika disease vector.

These mosquitoes typically lay eggs in and near standing water in things like buckets, bowls, animal dishes, flower pots and vases. They prefer a blood meal from people and are most aggressive during daytime hours, but also known to bite during evening hours.

Mosquitoes become infected when they feed on a person already infected with the virus. Infected mosquitoes can then spread the virus to other people through bites.

Along with other active North Carolina Vector Control Programs, our staff is participating in a summer long study to get a current index of mosquito species found throughout the state. We are setting ovitraps which are designed to attract egg laying mosquitoes, and collecting larval samples from representative locations throughout New Hanover County.

Over 136 years of
Public Health Service



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Our mission is to promote a safe and healthy community

Our vision is healthy people living in a safe environment to sustain a strong community focused on prevention and wellness

Health Programs Administration

Environmental Health Services

Services	3 rd Qtr. 14/15	3 rd Qtr. 15/16
Total Establishment/Facility Inspections	834	870
Re-Inspections (to inspect more than once)	13	13
Permits Issued	109	182
Public Festival Permits/Temporary Food Establishments	59	75
Compliance, Complaint and Consultative visits	408	580
Swimming Pool Inspections (Public pools/ spa)	12	13
Water Samples Collected (Bacteriological and Other)	59	96
Customer Service Requests for Vector Control	6	19
Spraying-Man Hours	0.00	0.00
Acres Larvacided	0.00	13.82
Mosquito Light Trap Totals	394	5205

Health Promotion

Services	3 rd Qtr. 14/15	3 rd Qtr. 15/16	Trained health educators give community presentations and provide programs on various subjects (sexual health, nutrition, stress, injuries, tobacco etc.) for free. Health promotion outreach events are conducted at various locations such as churches, schools, worksites, community centers and county buildings by request.
Outreach Events	38	30	
People Educated	1,369	467	
HIV Tests Completed	113	170	
Condoms Distributed	2,175	2,593	
Helmets Distributed	0	0	
Car Seats Distributed	1	10	
Car Seats Checked	3	12	

Personal Health Services

Clinic Services

Services	3 rd Qtr. 14/15	3 rd Qtr. 15/16
Child Health Visits	26	22
STD visits	696	772
Family Planning Visits	608	643
BCCCP Clients	18	31
Limited Physicals (Adults & Children)	40	0
TB Skin Test Read	476	430
Travel Clinic Visits	67	77
Clients Receiving Immunizations; Ages 0-18 years	218	237
Clients Receiving Immunizations; Ages 19+	785	732
Refugee Health Clients (Unduplicated)	20	3

STD- Sexually Transmitted Disease **BCCCP-** Breast and Cervical Cancer Control Program **TB-** Tuberculosis

Lab Services

	3 rd Qtr. 14/15	3 rd Qtr. 15/16
<u>In House Procedures</u>		
Gonorrhea Cultures	667	544
Hematology	1,200	1,195
Pregnancy Testing	289	348
Syphilis Screening	795	742
Urinalysis	35	43
Water Bacteriology	35	49
<u>Referral Procedures</u>		
Chlamydia / Gonorrhea	563	503
HIV	789	802
Lead	393	407
Pap Smears	228	181

Samples may include blood, urine, or other bodily fluid.
Water Bacteriology tests are samples from wells.

Reportable Diseases

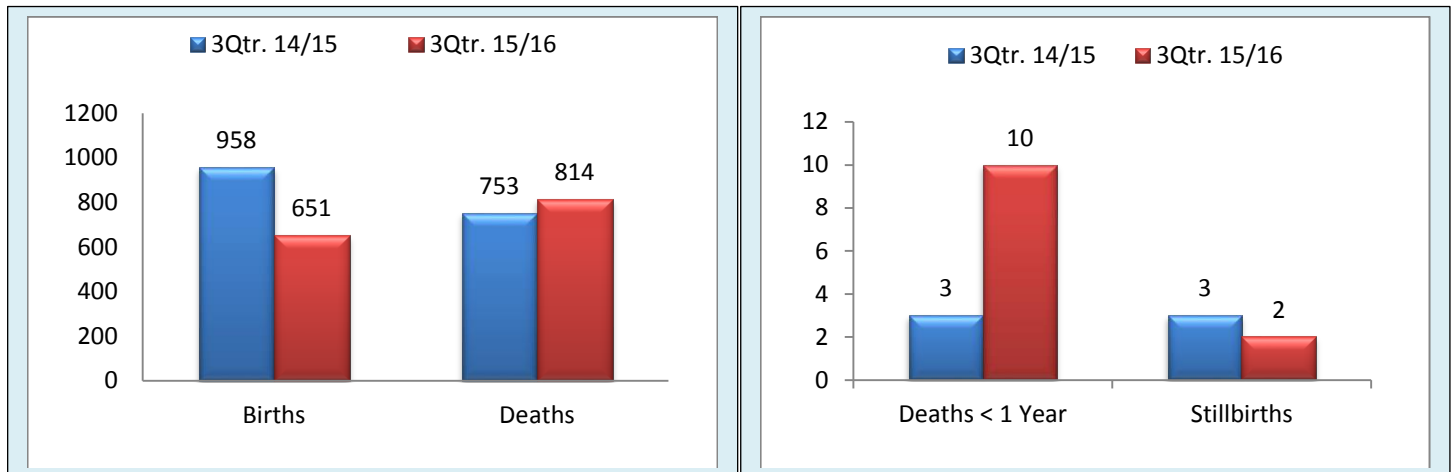
	3 rd Qtr. 14/15	3 rd Qtr. 15/16
Campylobacter	5	8
Chlamydia	316	130
Cryptosporidiosis	1	0
Dengue Fever	0	0
E. Coli shiga toxin producing	0	2
Ebola Monitoring	5	0
Foodborne, other	1	0
Gonorrhea	120	41
Hepatitis B, Acute	0	0
Hepatitis B, Carrier	8	7
Hepatitis C, Acute	0	1
Influenza-like Illness Outbreak	69	0
Legionellosis	2	0
Lyme Disease	0	0
Nongonococcal Urethritis (NGU)	71	58
Norovirus Outbreak/Noro-like Illness	196	40
Pertussis (Whooping Cough)	2	1
Rocky Mount Spotted Fever	0	0
Salmonella	5	9
Shigella	1	1
Streptococcal-Group A Invasive	7	3
Syphilis	10	8
Vibrio	0	0
Zika Inquiries	0	17

Personal Health Services

Community Health

Services	3 rd Qtr. 14/15	3 rd Qtr. 15/16
Homeless Medical Clinic - Visits	319	262
Mobile Dental Unit - # of children provided dental services - Unduplicated count	118	283
Home Visits for TB Related Services-Unduplicated count	n/a	**197
**Not comparable to previous years		TB-Tuberculosis

Vital Statistics



Nutrition

WIC- Supplemental Nutrition Program for Women, Infants, and Children providing nutritious food, nutrition education, and breastfeeding support for pregnant and postpartum women and infants and children up to age 5 years who qualify for the program.	Services	3 rd Qtr. 14/15	3 rd Qtr. 15/16
	WIC Nutrition Visits	2,890	2854
	Value of WIC Food Instruments Redeemed	\$674,263	\$642,159
	General Nutrition Visits	83	100
	New Clients in Breastfeeding Peer Counseling	87	25

Personal Health Services

Maternal Health

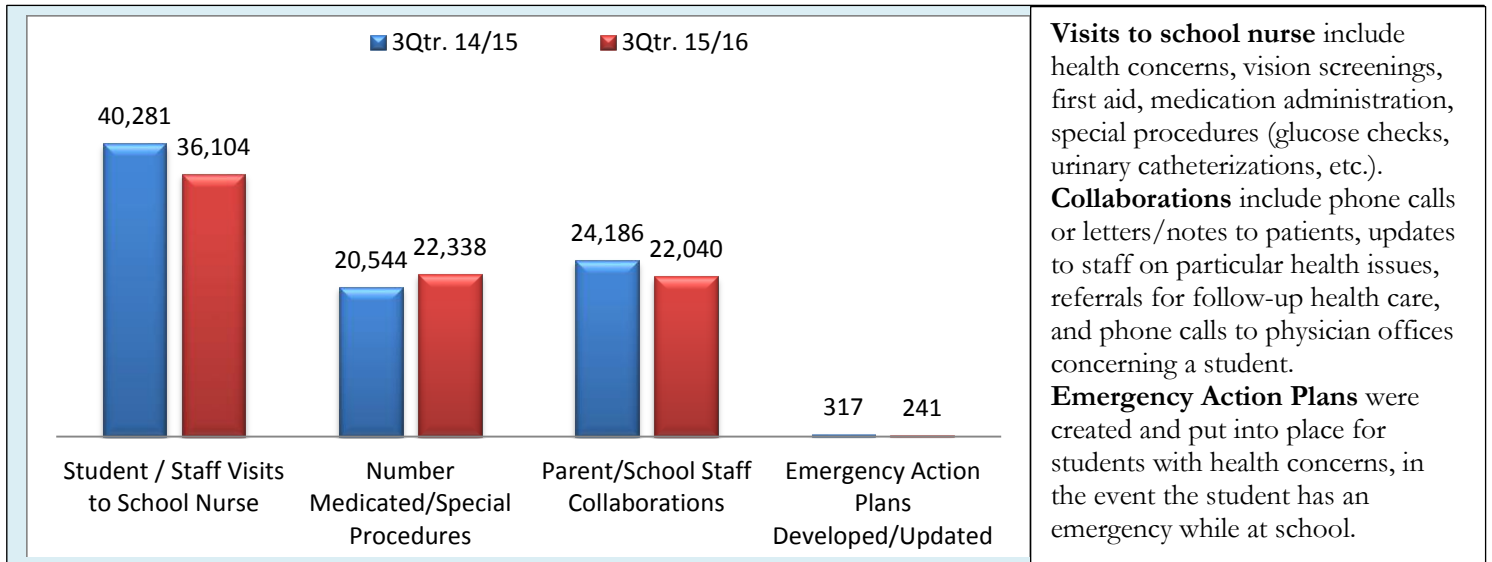
Services	3 rd Qtr. 14/15	3 rd Qtr. 15/16
Pregnancy Care Management Enrolled	452	488
Diabetic Teaching	15	7
Postpartum/Newborn Home Visits	68	56
Health & Behavior Interventions	21	23

Pregnancy Care Management: Case management and home visiting for pregnant women.

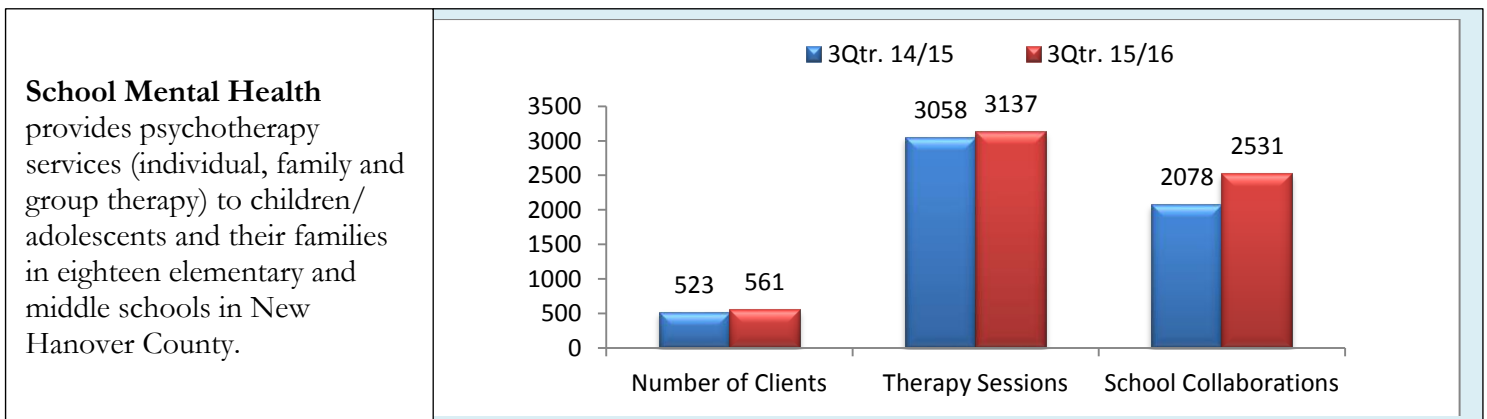
Postpartum/Newborn Home Visits: Home visits for new moms and babies discharged, recommended within 2 weeks, upon discharge from the hospital.

Health and Behavior Interventions: Counseling services for high risk pregnant women.

School Health



School Mental Health

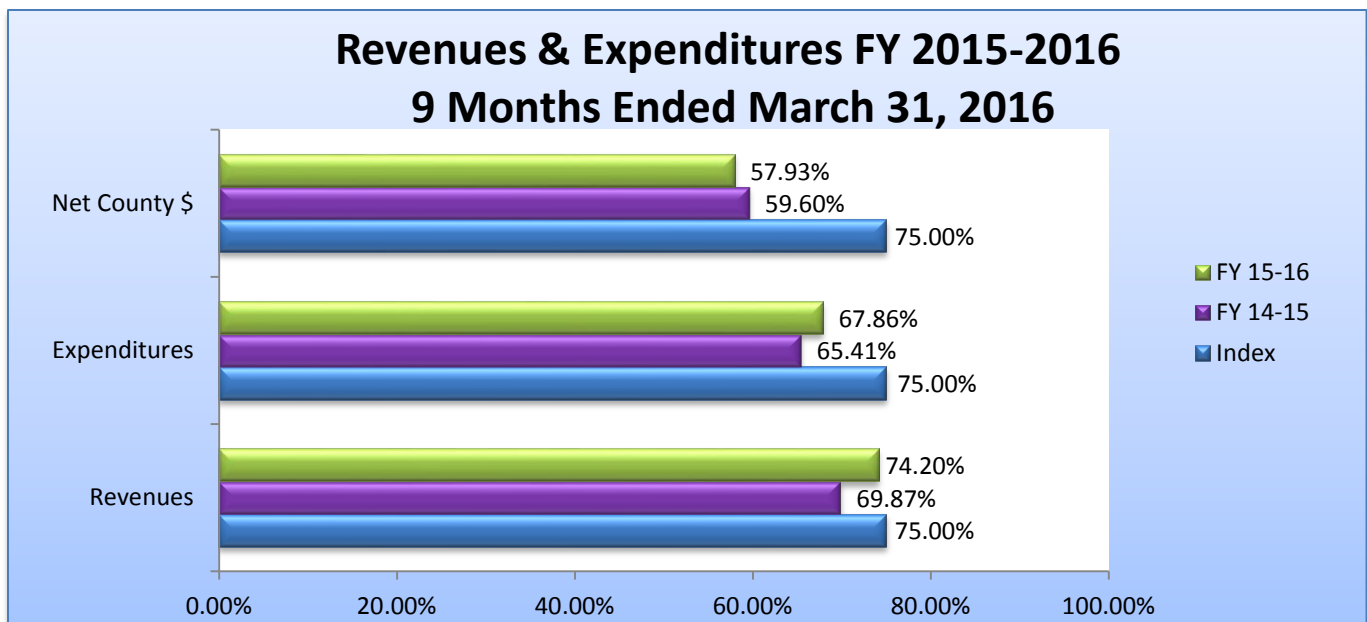


Personal Health Services

Care Coordination for Children (CC4C)

Services	3 rd Qtr. 14/15	3 rd Qtr. 15/16	<p>CC4C Contacts: number of contacts with families either by phone, home visits or contacts with someone in the community on their behalf</p> <p>CC4C Clients Receiving Services: total number of children served for the quarter, unduplicated</p> <p>In Home Counseling – Service Contacts: number of face-to-face contacts for family therapy.</p>
CC4C Contacts	1,444	1/630	
CC4C -Clients Receiving Services	475	434	
In-Home Counseling/Home Visits	66	97	

Financial Report



Revenues and Expenditures FY 2015-2016 - 9 Months Ended March			
	Index	FY 15-16	FY 14-15
Revenues	75.00%	74.20%	69.87%
Expenditures	75.00%	67.86%	65.41%
Net County \$	75.00%	57.93%	59.60%