

CRAVEN COUNTY HEALTH DEPARTMENT



ANNUAL REPORT

2016 - 2017



Director's Message.....

The Craven County Board of Health and the staff of the Craven County Health Department are pleased to provide you with our 2016-2017 annual report. This report was created to inform Craven County residents and officials of the diverse programs and services offered by our local health department and to assess our progress as an agency.

The information included in this report is a testament to the good work of the staff of the Craven County Health Department. It is also reflective of the leadership provided by the County Commissioners, Board of Health and County Management.

Scott Harrelson, MPA

Craven County Health Director

Board of Health Members

Chairman

Dr. David Baxter, Optometrist

Vice Chairman

Dr. Kenneth Holton, Dentist

Members

Jason Jones, Commissioner

Roseanne Leahy, Nurse

Dr. Ronald Preston, Physician

Dwayne Alligood, Engineer

Genelle Butz, Pharmacist

Natalie Shelton, Veterinarian

Keola Perry, Public Citizen

Si Seymour, Public Citizen

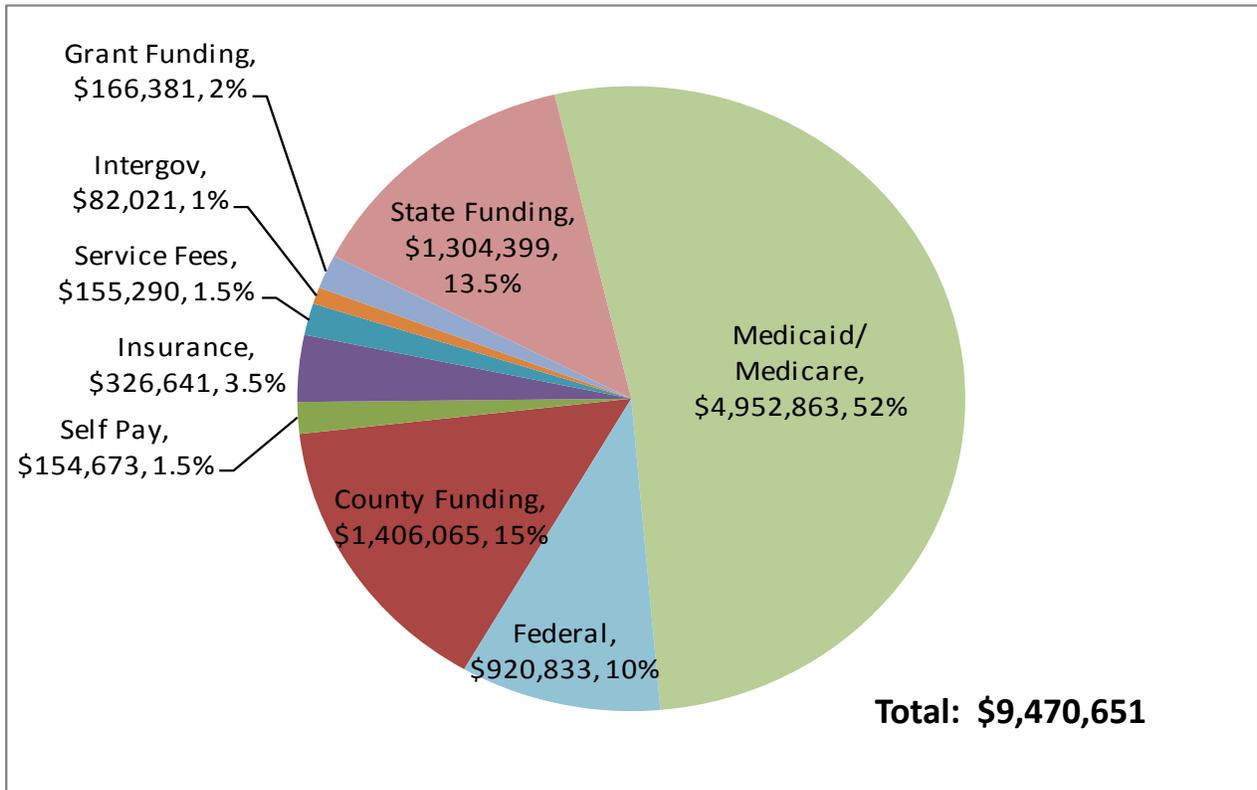
Paul Gaskins, Public Citizen

Highlights

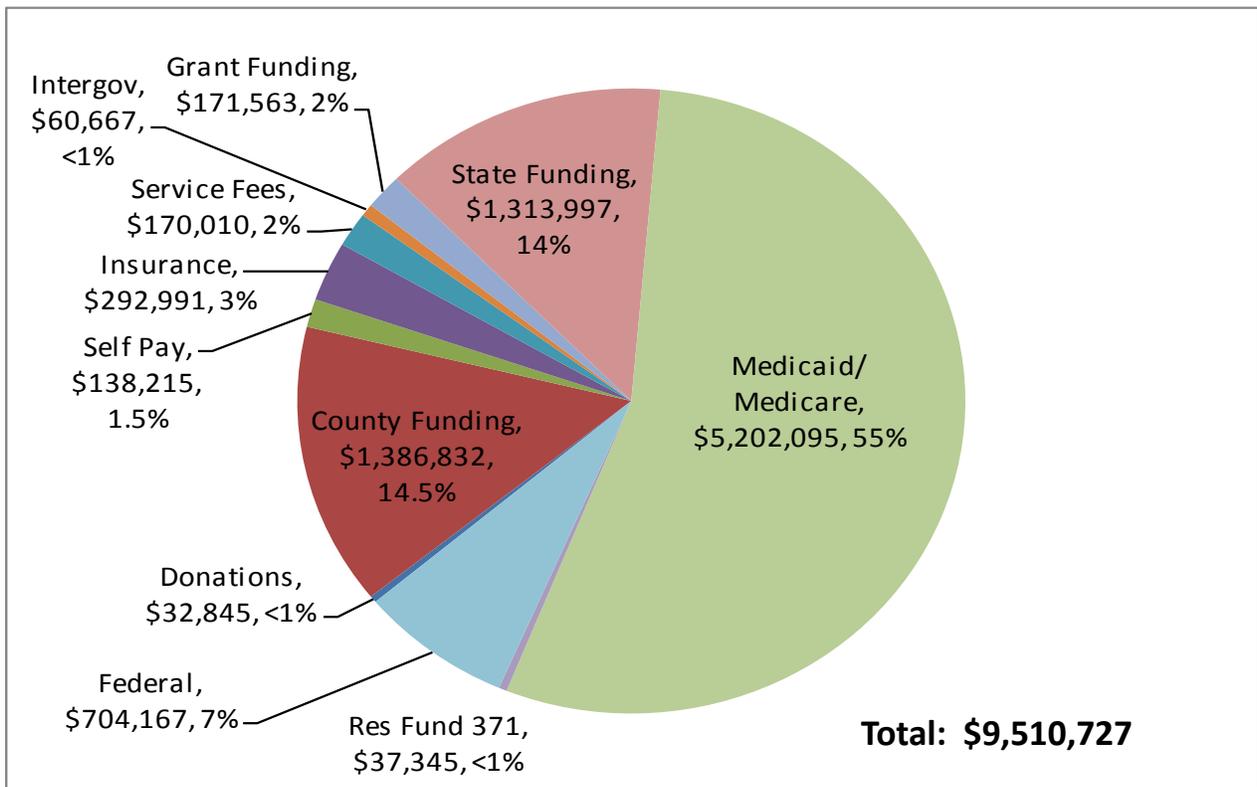
- Our second Federally Qualified Health Center (FQHC) site opened in Havelock in April 2017.
- Hired a part-time RN in our Care Coordination programs to serve at risk children and expectant mothers to serve the Havelock area.
- Our Communicable Disease staff is dealing with our first case of multi-drug resistant TB.
- Ray Silverthorne, Environmental Health Manager gave Zika presentations to River Bend Town Hall Meeting; County Commissioners Meeting; Harlowe Community Center and Channel 10. Commissioners approved \$3,400 in funding for mosquito surveillance.
- Hurricane Matthew hit – Environmental Health staff followed protocols for disaster response. Several staff manned the Disaster Action Center in Vanceboro for an extended period in addition to presenting relevant information to the public on Channel 10.
- Environmental staff monitored the disinterment of 98 unmarked gravesites on hospital property and their reinternment at a local cemetery.
- Achieved initial certification for the environmental laboratory after the expansion of primary care services and the completion of the relocation of environmental laboratory services to the clinical laboratory area.
- Averted a \$524,000 pay back to the Division of Medicaid Assistance (DMA) for the 2013 Medicaid Cost Settlement. Required payback was \$30,000.
- Achieved our highest patient census in Hospice program history the final quarter of the fiscal year.
- Infant mortality rate of 6.9 per 1000 births compared to 7.2 for NC.
- Heart disease rate of 161.3 per 100,000 population compared to 163.7 for NC.

Revenues

2016-2017

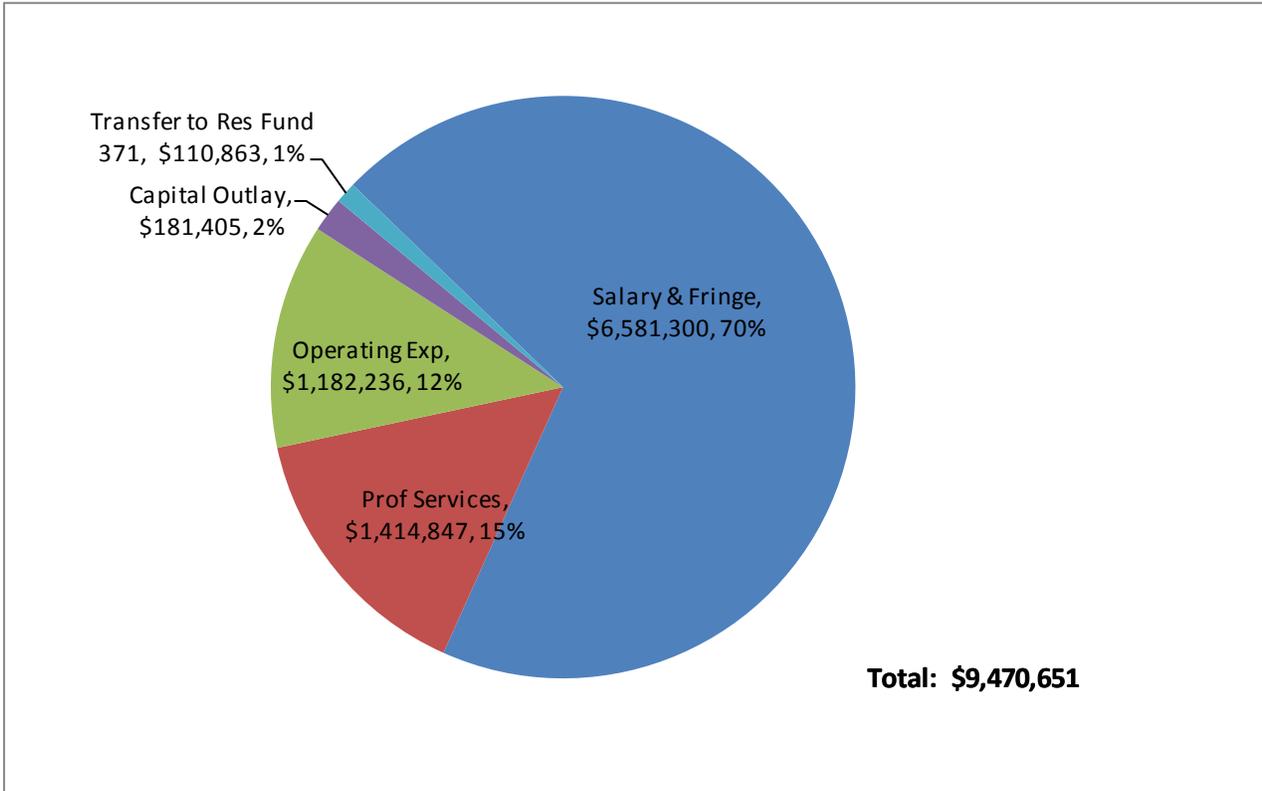


2015-2016

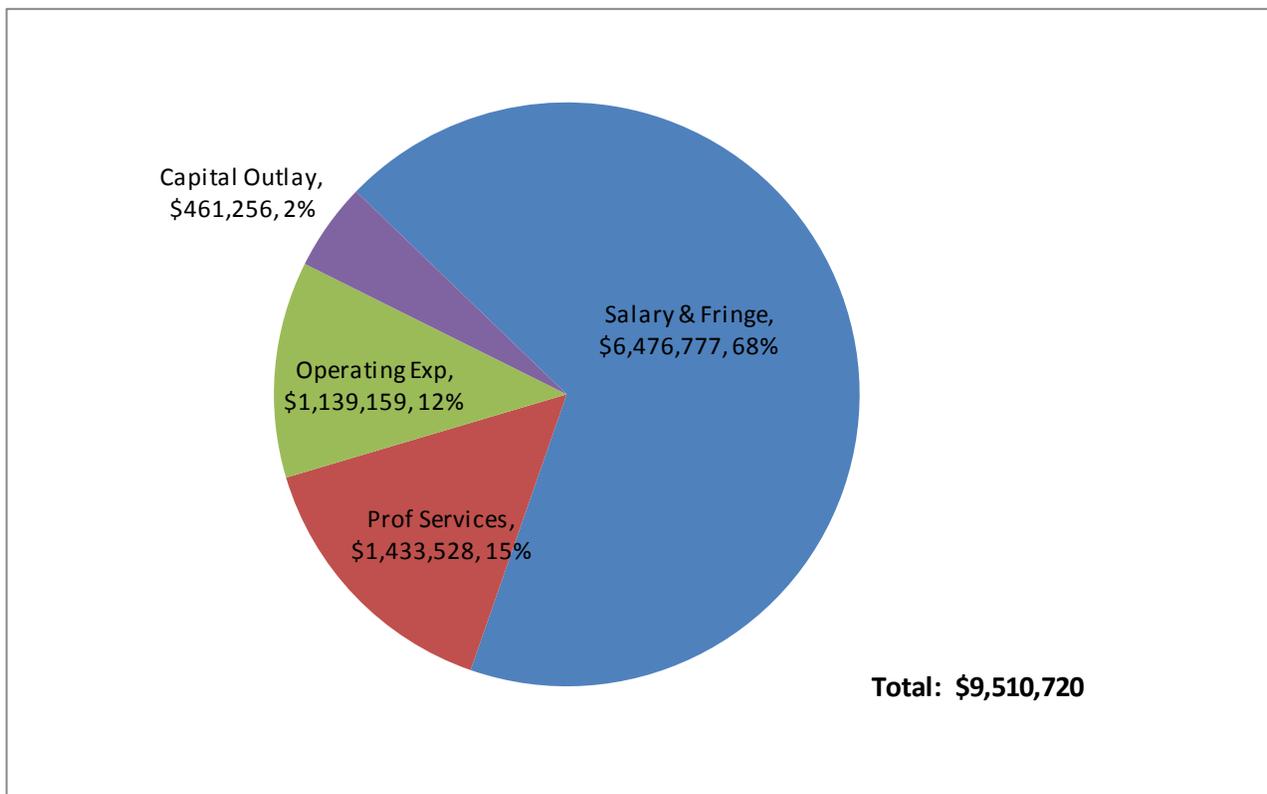


Expenditures

2016-2017



2015-2016



FY 17 Grants Revenues

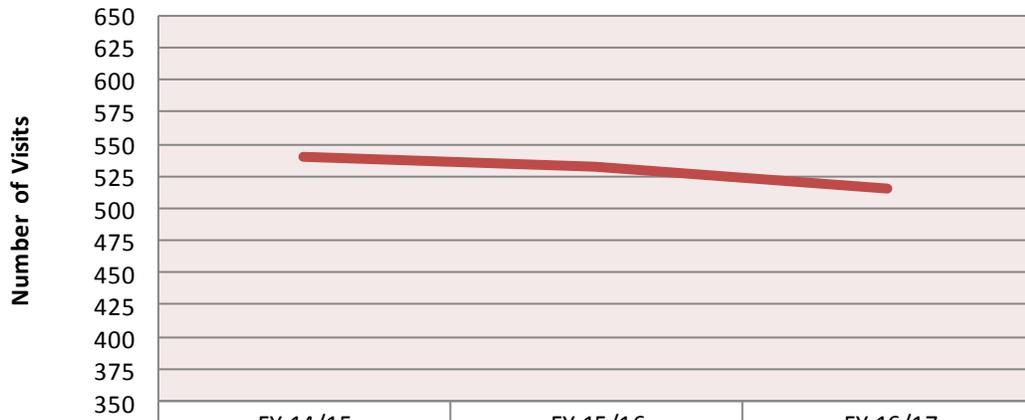
BT Preparedness/Resp. \$45,624

Jail Budget \$103,999

Refugee Health \$16,758

TOTAL: \$166,381

Average Clinic Visits Per Week



Average Visits/Week	541	533	516
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Adult Health/Adult Primary Care

Provides health care screening services, routine examinations, health promotion and early detection services to clients over the age of 18.

Statistics

2015/2016

6,376 Visits

801 HIV Tests

156 BCCCP Visits

246 Tuberculosis Screenings

479 Flu Shots Immunizations

5 Pneumococcal Immunizations

2016/2017

6,369 Office Visits

673 HIV Tests

126 BCCCP Visits

197 Tuberculosis Screenings

424 Flu Shots Immunizations

12 Pneumococcal Immunizations

Family Planning

Provides health care screening services and routine examinations to patients of childbearing age who request birth control.

Statistics

2015/2016

1,884 Patients

3,403 Visits

1,599 Pregnancy Tests

2016/2017

1,801 Patients

3,153 Visits

1,491 Pregnancy Tests

Maternity Health

Provides complete prenatal care and postpartum visits, including high-risk categories in Craven and Pamlico counties.

Services Include:

- Medical Care
- Care Coordination
- Screening tests for genetic disorders
- Nutrition Counseling

Statistics

2015/2016

819 Prenatal Patients

5,523 Maternity Clinic Visits

2016/2017

828 Prenatal Patients

5,604 Maternity Clinic Visits

Child Health

Provides care to children from birth through age 18, who are seeking a medical care provider. Services are offered at both the New Bern and Havelock site.

Statistics

2015/2016

1,884 Screening physicals

3,390 Treatment visits

5,053 Immunizations

2016/2017

1,848 Screening physicals

2,949 Treatment visits

5,382 Immunizations

Laboratory

Provides supportive lab services for all clinics in the Health Department.

Statistics

2015/2016

Clinical Lab Tests

27,270 Clinical In-House

2,902 Microbiology Tests

5,928 NC State Labs

413 Carolina East Medical Center

3,553 LabCorp

2016/2017

Clinical Lab Tests

28,079 Clinical In-House

3,191 Microbiology Tests

5,481 NC State Labs

447 Carolina East Medical Center

4,184 LabCorp



Dental Program

The Smile Mobile, a 53-foot trailer, provides clinical services to targeted elementary schools in Craven, Jones, and Pamlico counties. We also offer services to pregnant women who are patients of CCHD.

2015/2016

1,814 Patients

2,291 Visits

970 Fillings placed

42 Stainless steel crowns

2016/2017

1,882 Patients

2,363 Visits

927 Fillings placed

80 Stainless steel crowns

Care Management

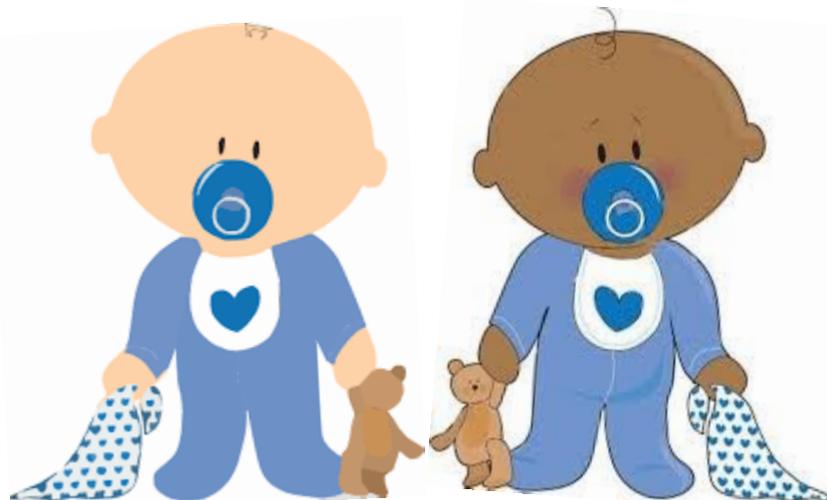
Available to children birth to 5 and pregnant women residing in Craven County who meet the priority risk criteria.

Services Include

Pregnancy Care Management (OBCM) – Provides care management services to Medicaid pregnant women (through 60 days postpartum) at risk for poor pregnancy outcomes. The OBCM Care Manager works closely with the medical provider and pregnant woman to assess and follow-up on priority risk criteria that can impact having a healthy pregnancy outcome, compliance with prenatal care issues and other needed clinical services.

Care Coordination for Children (CC4C) – Provides care management to both Medicaid and non-Medicaid children from birth to age 5 who are determined to be high-risk and qualify for services. Children identified as having priority risk factors will be assessed by a CC4C Care Manager to determine needs/concerns of child/family and level of services indicated. The CC4C Care Manager works closely with the child's medical home and family to insure coordination of care and effective exchange of information.

Postpartum and Newborn Home Visits - Provides home visits to postpartum women and newborns that are referred.



Health Education

Public Health Educators are responsible for the planning and development of a coordinated health education program to meet the goals of the Health Department and the needs of Craven County residents.

Services Include

Clinic Education – scheduled classes for clients, one-on-one counseling, educational literature and exhibits, staff education, and services as a resource for Health Department staff and clients

School Education – teacher/school personnel training. SHAC and Board of Education programs, classroom presentations, and resources for teachers and students.

Community Education – health education programs for civic clubs, churches, organizations, businesses, youth groups, and non-profit organizations; media contacts; health fairs and special projects; public health information resources

Diabetes Prevention Program - encourages small day to day lifestyle changes through health eating and being active with the goal of preventing type 2 diabetes. All participants are either at risk of or in a pre-diabetes range upon entering the year long class.

Marketing – through media contacts with news releases, public service announcements

WIC

Provides services to pregnant, postpartum and nursing mothers, infants and children under 5 who meet the financial criteria and have a nutritional/medical risk that qualifies them for WIC services.

Statistics

2015/2016

38,671 Services (duplication between clerks & nutritionists)

3,222 Average Monthly Participant Caseload

2016/2017

21,888 Services (*NO* duplication between clerks & nutritionists)

3,032 Average Monthly Participant Caseload

Nutrition

Offers services to Craven County residents of all ages and income levels.

Services Include

- Individual counseling for children and adults requiring special diets and obesity
- Breast-feeding and weight management classes
- Nutrition education
- Participation in community events, health fairs, and media productions which promote healthy lifestyles
- Give Your Heart A Healthy Beat classes

Statistics

2015/2016

219 WIC/Non-WIC Individuals

Counseled

589 Class/Special Event Participants

136 Hospital Visits

2016/2017

201 WIC/Non-WIC Individuals

Counseled

3117 Class/Special Event Participants

136 Hospital Visits



Hospice

Provides in-home support to patients and their families facing a life limiting illness or condition with a life expectancy of 6 months or less.



Services Include

- Interdisciplinary team providing medical management of each patient including physician services, skilled nursing, certified nursing assistants for help with Activities of Daily Living (ADL's), spiritual care coordination and social work.
- Hospice Volunteers – trained in providing a variety of services to meet the unique needs of each patient. Examples include: companionship, reading to an Alzheimer's patient, assisting in writing a "life review" document as a memento for the family, sitting with the patient while the family members run errands, etc. Our volunteers are also very instrumental in helping with a variety of events throughout the year like our Spring Breakfast and Annual Memorial Service.
- Durable Medical Equipment
- Medications & Medical Supplies related to the Hospice Diagnosis

Statistics

2015

178 Volunteer Visits

127 Admissions

8,517 Days of Care

2016

178 Volunteer Visits

149 Admissions

11,057 Days of Care

Environmental Health

Provides education, surveillance and enforcement of State laws and rules, County ordinances and Board of Health regulations.

Section Areas Include:

Food, Lodging and Institutions –

This section's goal is to ensure sanitation and food safety in regulated establishments. The Food, Lodging and Institutions program conducts unannounced inspections, in a variety of facilities including: restaurants, meat markets, nursing homes and hospitals, school cafeterias & buildings, child daycare centers, food trucks and hotdog carts, summer camps, jails, bed & breakfast homes, and hotels. Permitting food vendors at festivals and fairs. Environmental Health Specialists work to ensure compliance with all sanitation laws through routine inspections, education, construction plan review, and complaint investigations. The section also provides education on asthma management in the home as well as identify lead hazards in the environment where young children spend their time.

On-site Water Protection – Responsible for regulating activities associated with sewage collection, treatment and subsurface disposal systems, including those utilized for disposal of industrial process and domestic strength wastewater. The program is also responsible for siting, permitting, inspecting and sampling all new, repaired or replaced private drinking water wells.

Environmental Health (cont.)

- ***Environmental Education*** – Provides regularly scheduled educational classes as well as presentations “on-demand” about various Environmental Health issues
- ***Environmental Laboratory*** – Maintains a State certified commercial laboratory that provides analytical testing of drinking water for the presence of Total Coliform and E.coli bacteria. These groups of bacteria are useful indicators of possible pathogens (disease-causing organisms) which can affect the quality of drinking water supplies and pose threats to the public’s health. Testing is performed on drinking water for regulatory compliance and general/noncompliance purposes. The laboratory also provides analytical testing for the presence of Fecal Coliform and Enterococcus in wastewater. Fecal Coliform and Enterococcus are bacterium commonly associated with raw sewage and their pathogens (disease-causing organisms). Testing for this bacterium provides useful information of possible sewage contamination of waterways which can pose health risks to the public.
- ***Animal/Rabies Management*** – Assists in the prevention of the spread of rabies virus in humans through public education, surveillance and enforcement activities associated with the encouragement of rabies vaccinations in domestic animals and the reduction of stray animals in Craven and Pamlico counties.



Environmental Health Statistics– Food, Lodging and Institutions

<u>2015/2016</u>	<u>2016/2017</u>
1299 Total Inspections	1374 Total Inspections
660 Restaurants	677 Restaurants
98 Food Stands	106 Food Stands
9 Mobile Food Units	22 Mobile Food Units
5 Pushcarts	2 Pushcarts
4 Private School Lunchrooms	4 Private School Lunchrooms
4 Elderly Nutrition Sites Catered	4 Elderly Nutrition Sites Catered
4 Elderly Nutrition Sites On-site	4 Elderly Nutrition Sites On-site
90 Public School Lunchrooms	91 Public School Lunchrooms
61 Limited Food Service	63 Limited Food Service
25 Institutional Food Service	17 Institutional Food Service
20 Lodging	18 Lodging
4 B&B Homes	5 B&B Homes
3 B&B Inns	5 B&B Inns
26 Residential Care/Group Homes	15 Residential Care/Group Homes
2 Summer Camp	2 Summer Camp
31 Rest/Nursing Homes	31 Rest/Nursing Homes
30 Meat Markets	34 Meat Markets
71 Child Day Care	79 Child Day Care
34 Public & Private School Building	32 Public & Private School Building
1 Adult Day Service	0 Adult Day Service
23 Seasonal Swimming Pools	22 Seasonal Swimming Pools
1 Seasonal Wading Pool	1 Seasonal Wading Pool
18 Year-round Swimming Pools	29 Year-round Swimming Pools
3 Year-round Spas	8 Year-round Spas
1 Confinement	1 Confinement
2 Hospitals	2 Hospitals
11 Tattoo Artists	31 Tattoo Artists
44 Temporary Food Establishments	45 Temporary Food Establishments
5 Summer Food Service Program Inspections	12 Summer Food Service Program Inspections
5 Seafood Vehicles	6 Seafood Vehicles
3 Seafood Market	5 Seafood Market
179 Complaints Investigated	143 Complaints Investigated
34 Plan Reviews for New Establishments	18 Plan Reviews for New Establishments
163 Permits Issued	200 Permits Issued
N/A Illegal Food Vendor	N/A Illegal Food Vendor

Environmental Health Statistics– On-Site Water Protection

2015/2016

149 Improvement Permits Issued
198 Operation Permits Issued
62 Complaint Investigations
592 Applications
229 Construction Authorizations Issued
151 Authorizations for Existing Systems
10 Migrant Housing Inspections
720 Permits QA Review
579 Requests for Service
17 SRP Required Septic System Inspections
10 Well Construction Permits
8 Grout Inspections
7 Well Head Inspections
42 Well Consultative Contacts
18 Bacteriological Samples Collected
18 Other Sample Collected
2 Well Certificate of Completion
2 Well Abandonment Permits

2016/2017

147 Improvement Permits Issued
180 Operation Permits Issued
51 Complaint Investigations
570 Applications
178 Construction Authorizations Issued
182 Authorizations for Existing Systems
8 Migrant Housing Inspections
666 Permits QA Review
704 Requests for Service
24 SRP Required Septic System Inspections
8 Well Construction Permits
8 Grout Inspections
4 Well Head Inspections
45 Well Consultative Contacts
23 Bacteriological Samples Collected
12 Other Sample Collected
2 Well Certificate of Completion
1 Well Abandonment Permits



Environmental Health Statistics– Pediatric Asthma (within 3 counties)

2015/2016

2016/2017

13 Asthma Client Referrals to us

5 Asthma Client Referrals to us

7 Home Assessments

4 Home Assessments

9 Asthma Mgmt Workshop Participants

8 Asthma Mgmt Workshop Participants

Environmental Health Statistics– Adult Asthma (within 3 counties)

2015/2016

2016/2017

7 Asthma Client Referrals to us

1 Asthma Client Referrals to us

5 Home Assessments

0 Home Assessments

6 Asthma Mgmt Workshop Participants

1 Asthma Mgmt Workshop Participants

Environmental Health Statistics– Indoor Air Quality

2015/2016

2016/2017

1 Site Investigation (Referral Oriented)

2 Site Investigation (Referral Oriented)

3 Requests for Services/Complaints

10 Requests for Services/Complaints



Environmental Health Statistics— Childhood Lead Poisoning Prevention

2015/2016

32 Children with EBL identified
1 EBL Investigation
11 Inspection Due to Lead-poisoned Child
19 Inspections to Identify Lead-based Paint
And/or Lead Hazards (within 11 counties)
0 Clearance Inspections (within 11 counties)

2016/2017

27 Children with EBL identified
5 EBL Investigations
5 Inspections Due to Lead-poisoned Child
6 Inspections to Identify Lead-based Paint
And/or Lead Hazards (within 11 counties)
0 Clearance Inspections (within 11 counties)

Environmental Health Statistics— Methamphetamine Residuals Decontamination

2015/2016

5 Site Initial Investigations
2 Site Decontaminations Completed
1 Site Decontamination Plan Received

2016/2017

1 Site Initial Investigations
2 Site Decontaminations Completed
4 Site Decontaminations Plans Received

Environmental Health Statistics– Environmental Education

2015/2016

2016/2017

7 RRP Class Participants	34 RRP Class Participants
30 Lead-safe Work Practice Participants	0 Lead-safe Work Practice Participants
13 Asthma Management Workshops	3 Asthma Management Workshops
15 Family Participants in Workshops	8 Family Participants in Workshops
18 Proctored Managers' Food Safety Classes Conducted Participant Nationally Certified in Managers' Food Safety Class	10 Proctored Managers' Food Safety Classes Conducted Participant Nationally Certified in Managers' Food Safety Class
125 Cafeteria Staff Food Safety Class Participants	125 Cafeteria Staff Food Safety Class Participants
1 Childcare Center Presentations	0 Childcare Center Presentations
35 Participants at Childcare Presentations	0 Participants at Childcare Presentations
7 Healthy Home Children Awareness Presentation	0 Healthy Home Children Awareness Presentation
75 Healthy Home Children Awareness Participants	0 Healthy Home Children Awareness Participants
0 Other Environmental Health Presentations	5 Other Environmental Health Presentations
0 Other Participants at Environmental Health Presentations	0 Other Participants at Environmental Health Presentations

Environmental Health Statistics– Environmental Laboratory



2015/2016

2016/2017

0 Fecal Coliform
915 Public System Compliance Samples
1023 Total Coliform & E.coli –
Drinking water
180 Heterotrophic Plate Count –
Drinking water
18 Well Water Analyses
44 New Potable Water Line
Construction Samples
46 Special Water Samples

0 Fecal Coliform
924 Public System Compliance Samples
1095 Total Coliform & E.coli –
Drinking water
183 Heterotrophic Plate Count –
Drinking water
25 Well Water Analyses
71 New Potable Water Line
Construction Samples
75 Special Water Samples

Animal/Rabies Management

2015/2016

198 Animal Bites Investigated
1103 Service Requested
2144 Animals Euthanized
2926 Animals Brought to Shelter
504 Animals Adopted from Shelter
176 Reclaimed
9 Rabies Specimens (1 Positive)
22 Cruelty/Neglect Investigations
533 Microchips Implanted
784 Rabies Vaccines Given

2016/2017

237 Animal Bites Investigated
1058 Service Requested
1644 Animals Euthanized
2432 Animals Brought to Shelter
582 Animals Adopted from Shelter
172 Reclaimed
15 Rabies Specimens (2 Positive)
160 Cruelty/Neglect Investigations
625 Microchips Implanted
743 Rabies Vaccines Given



NOVEMBER 2017