

Craven County Health Department



ANNUAL REPORT
2013 - 2014

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 2013-2014 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.

This past year has offered us multiple challenges and opportunities. We have realized a shift in state policy and state funding. The implementation of the affordable care act will surely have a lasting impact on our department. Along with a stellar team of employees we have been able to stave off any reductions in service for our community. We hope to enact changes in our Hospice program that will enhance service and financial viability. We made the tough but wise decision to sell our home health agency this year. We continue to see an increased demand for animal control services so now we are working with County Administration to expand our Animal Control shelter.

As an agency we strive to meet the demands of our community and provide top quality public health programming. With the continued support of our Board of Health, County Commissioners and County Management we will stay a progressive health department ready to respond to the demands and challenges of protecting the public's health. In closing, I would like to draw your attention to the Highlights section of our report which showcases some of our major accomplishments.

Scott Harrelson, MPA
Craven County Health Director

Board of Health Members

Chairman

Rosanne Leahy, Nurse

Vice Chairman

Trey Paul, Pharmacist

Members

Lee K. Allen, Commissioner

Dr. Kenneth Holton, Dentist

Dr. Eric Wheelis, Veterinarian

Verdelle Newby, Public Citizen

Si Seymour, Public Citizen

Dr. David Baxter, Optometrist

David Stevick, Engineer

Dr. Ronald Preston, Physician

Paul Gaskins, Public Citizen

Highlights

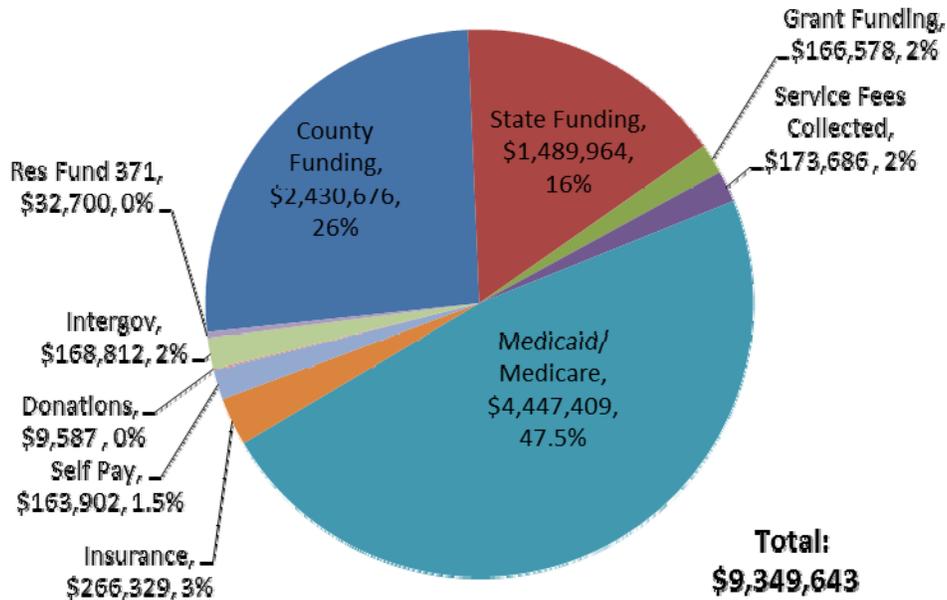
- Since the 2008/2009 fiscal year we have averaged a savings of **\$738,945/year** in county dollars. This is quite remarkable when you consider that during that same timeframe we added an adult primary care program, additional sites for our mobile dental unit and a travel shot clinic.
- Our customer approval rating for the 2014 fiscal year was 96%!
- The Craven County Health Department (CCHD) was re-accredited by the North Carolina Local Health Department Accreditation Board in December 2013.
- CCHD has worked in conjunction with Duke University to establish a teen outreach program to help prevent teen pregnancies. Along with our Family Planning clinic these two programs seem to be having an impact, our teen pregnancy rate has fallen from 70.4 per 1,000 in 2009 to 58.3 per 1,000.
- Our Child Health Immunization Clinic was recognized by the GlaxoSmithKline Child Health Awards. CCHD partners with Craven County Schools to provide Tdap & Flu clinics within the school system. Our childhood immunization rate at CCHD is 95%; the average health department in NC is at 86%.
- The rate of lung cancer has dropped from 89.1 per 100,000 in 2009 to 87.6 per 100,000.
- Thanks in large part to a prostate awareness and screening program facilitated by Dr. Barnwell, Carolina East and local physicians we have seen our rates of prostate cancer decrease from 195.5 per 100,000 in 2009 to 182.2 per 100,000.
- CCHD offers the only maternity clinic in our area for Medicaid and uninsured ladies. We work in conjunction with East Carolina Women's Center and the Brody School of Medicine to care for these women. Our infant mortality rate is 6.6 per 1,000 which is less than the statewide average of 7.0 per 1,000.
- Our 2010 Healthy Carolinians goal for asthma related hospital admissions was listed at 118 per 100,000. Debbie Yarbrough, Environmental Health Program Specialist, has spearheaded a local effort through our Children's Environmental Health program to help secure the decrease in these rates. Asthma related hospital admissions have decreased from 167.6 per 100,000 in 2009 to 68.9 per 100,000.
- Wake and Craven Counties are currently the only two counties in North Carolina to have achieved meeting four of the nine possible U.S. Food and Drug Administration Voluntary National Retail Food Regulatory Program Standards listed in their December 2007 Program standards. The Program standards are designed to help food regulatory programs enhance the services they provide to the public. When applied in the intended manner, the program Standards should: a) Identify program areas where an agency can have the greatest impact on retail food safety; b) Promote wider application of effective risk-factor

intervention strategies; c) Assist in identifying program areas most in need of additional attention; d) Provide information needed to justify maintenance or adjustments in program budgets; e) Lead to innovations in program implementation and administration; f) Improve industry and consumer confidence in food protection programs by enhancing uniformity within and between regulatory agencies. Our Food and Lodging staff have taken a lead role in our state to make this happen.

- The North Carolina On-Site Water Protection Program has selected to model their quality assurance program from elements of the programs currently in place in Craven, Warren and the counties in the Appalachian District. The state recognizes that a high caliber quality assurance program is important to help avoid costly errors which can result in costly repairs for counties and the state.
- At the annual meeting for the North Carolina Public Health Association two of our employees were recognized for their exemplary performance in the field of environmental health. Jeffrey Massengill was recognized as the Rookie Environmental Health Specialist for the State of North Carolina for the 2013 -2014 fiscal year. Ray G. Silverthorne, Jr. was the recipient of the Richard P. Dideriksen award. This award is given in recognition of contributions to the design, development and implementation of programs that have enhanced and improved public health practice in North Carolina. This award is given annually to one recipient throughout North Carolina by the North Carolina Environmental Health Supervisor's Association. We believe our staff to be second to none.

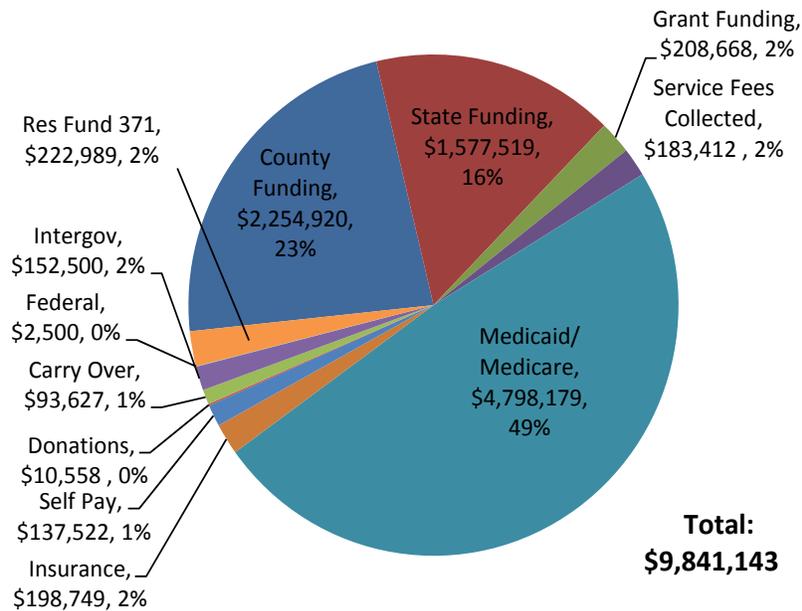
Revenues

2013/2014



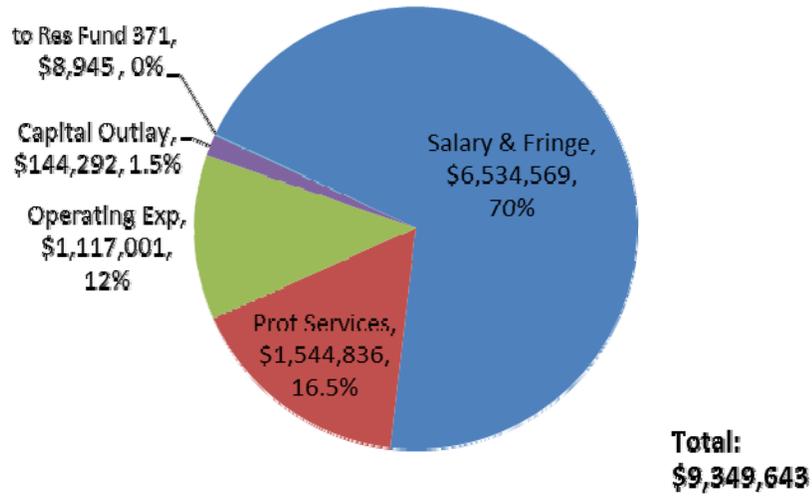
Revenues

2012/2013



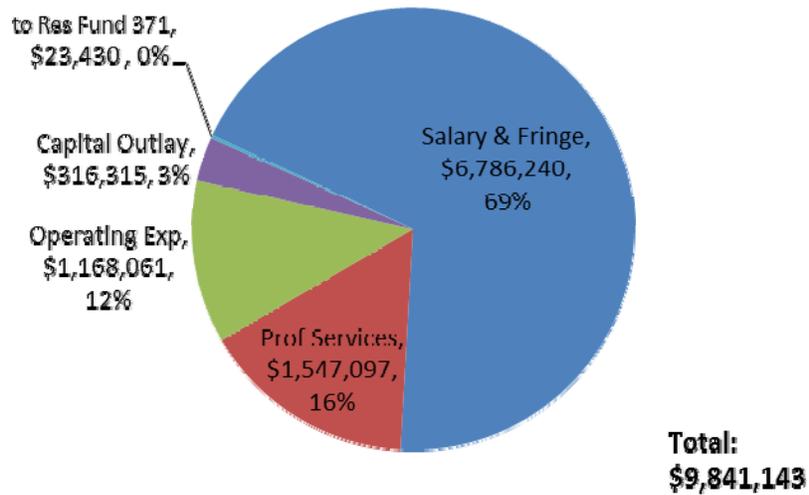
Expenditures

2013/2014



Expenditures

2012/2013



FY 14 Grant Revenues

Adult Primary Care	\$21,600
BT Preparedness/Resp.	\$56,857
Jail Budget	\$99,236
Refugee Health	\$8,285
TOTAL:	\$185,978

Average Clinic Visits Per Week



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

2012/2013

4,874 Visits
516 HIV Tests
184 BCCCP Visits
298 Tuberculosis Screenings
800 Flu Shots Immunizations
5 Pneumococcal Immunizations

2013/2014

5,264 Office Visits
642 HIV Tests
194 BCCCP Visits
229 Tuberculosis Screenings
497 Flu Shots Immunizations
6 Pneumococcal Immunizations

FAMILY PLANNING

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

Statistics

2012/2013

1,938 Patients
3,625 Visits
1,962 Pregnancy Tests



2013/2014

2,037 Patients
3,767 Visits
1,955 Pregnancy Tests

MATERNITY HEALTH

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

Services Include

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

Statistics

2012/2013

904 Prenatal Patients
6,094 Maternity Clinic Visits

2013/2014

855 Prenatal Patients
5,913 Maternity Clinic Visits

CHILD HEALTH

Provides care to children from birth through age 18 who are seeking a medical care provider

Statistics

2012/2013

1,926 Screening physicals
3,899 Treatment visits
7,974 Immunizations

2013/2014

1,942 Screening physicals
3,499 Treatment visits
9,793 Immunizations

LABORATORY

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

Statistics

2012/2013

Clinical Lab Tests

70,501 Clinical In-House
4,433 Microbiology Tests
7,134 NC State Labs
1,046 Carolina East Medical Center
1,213 LabCorp

2013/2014

Clinical Lab Tests

59,088 Clinical In-House
3,689 Microbiology Tests
6,773 NC State Labs
1,040 Carolina East Medical Center
1,217 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.

Statistics

2012/2013

1129 Patients
1595 Visits
773 Fillings Placed
6 Stainless Steel Crowns

2013/2014

1774 Patients
2482 Visits
1984 Fillings Placed
30 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

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

Statistics

- There were 21 community presentations and health fairs from July 2013 – June 2014

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

2012/2013

42,372 Services

3,531 Average Monthly Participant Caseload

2013/2014

41,293 Services

3,441 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

2012/2013

152 Non-WIC Individuals Counseled

1056 Class/Special Event Participants

120 Hospital Visits

2013/2014

231 Non-WIC Individuals Counseled

435 Class/Special Event Participants

123 Hospital Visits

HOME HEALTH

Provides at home care for patients in Craven County who are referred by local physicians and hospital discharge planners.

Services Include

- Skilled Nursing
- Occupational Therapy
- Speech Therapy
- Physical Therapy
- Certified Nurse Assistants
- Social Worker

Statistics

2012/2013

311 Patients

2013/2014

198 Patients

HOSPICE

Provides support and care for terminally ill patients and their families.

Services Include

- Interdisciplinary team management including skilled nursing, social work, therapies and aide services
- Hospice Volunteers – trained in handling the unique needs of the patient

Statistics

2012/2013

64 Volunteer Visits

141 Patients

7,701 Days of Care

2013/2014

109 Volunteer Visits

131 Patients

5,650 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** – Ensures safe food and sanitary practices in permitted establishments including hospitals, nursing homes, elderly nutrition sites, restaurants, festival food stands, childcare centers, school buildings and cafeterias, residential care homes, meat and seafood markets, tattoo parlors, hotels and swimming pools.
- **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.
- **Children's Environmental Health** - Investigates the environments of patients with illness that require an environmental component to successfully manage.
 - *Asthma Program* promotes the successful self management of asthma in both the pediatric and adult populations thru workshops, home assessments, environmental interventions, health care provider and public education.
 - *Indoor Air Quality Program* conducts home assessments when a patient is referred by their health-care provider and assists the public regarding identification of causes and recommendation of remediation measures when presented with complaints regarding indoor air quality pollution in homes.
 - *Childhood Lead Poisoning Prevention Program* which performs environmental investigations and provides interventions for identified lead-poisoned children; promotes safe lead housing and safe working techniques remodelers and renovators of pre- 1978 dwellings and child-occupied facilities; educates the public about other sources of lead, e.g., toys, furniture and jewelry. Enforces state laws and works with property owners to remediate the identified lead hazards. EPA and NC Accredited training provider for certified lead-safe renovators.

- *Methamphetamine Residuals Decontamination* enforces State regulations and County policies developed to address the proper decontamination and rehabilitation of property that has been used in the illegal clandestine manufacture of methamphetamine prior to reoccupancy.
- **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.

Statistics

Food, Lodging and Institutions

2012/2013

1354 Total Inspections
671 Restaurants
85 Food Stands
8 Mobile Food Units
11 Pushcarts
4 Private School Lunchrooms
11 Elderly Nutrition Sites Catered
4 Elderly Nutrition Sites On-site
92 Public School Lunchrooms
54 Limited Food Service
19 Institutional Food Service
20 Lodging
2 B&B Homes
8 B&B Inns
29 Residential Care/Group Homes
2 Summer Camp
28 Rest/Nursing Homes
41 Meat Markets
66 Child Day Care
6 Public & Private School Building
1 Adult Day Service
24 Seasonal Swimming Pools
2 Seasonal Wading Pools
21 Year-round Swimming Pools
7 Year-round Spas
1 Confinement
2 Hospitals
32 Tattoo Artists
87 Temporary Food Establishments
9 Summer Food Service Program Inspections
4 Seafood Vehicles
3 Seafood Markets
128 Complaints Investigated
21 Plan Reviews for New Establishments

2013/2014

1322 Total Inspections
639 Restaurants
87 Food Stands
12 Mobile Food Units
12 Pushcarts
4 Private School Lunchrooms
12 Elderly Nutrition Sites Catered
4 Elderly Nutrition Sites On-site
91 Public School Lunchrooms
65 Limited Food Service
15 Institutional Food Service
20 Lodging
3 B&B Homes
8 B&B Inns
26 Residential Care/Group Homes
2 Summer Camp
29 Rest/Nursing Homes
32 Meat Markets
72 Child Day Care
30 Public & Private School Building
1 Adult Day Service
24 Seasonal Swimming Pools
2 Seasonal Wading Pools
20 Year-round Swimming Pools
5 Year-round Spas
2 Confinements
2 Hospitals
19 Tattoo Artists
73 Temporary Food Establishments
8 Summer Food Service Program Inspections
2 Seafood Vehicles
1 Seafood Market
146 Complaints Investigated
19 Plan Reviews for New Establishments



78 Permits Issued Illegal Food Vendor
1 Illegal Food Vendor

On-Site Water Protection

2012/2013

134 Improvement Permits Issued
149 Operation Permits Issued
50 Complaint Investigations
580 Applications
186 Construction Authorizations Issued
144 Authorizations for Existing Systems
5 Migrant Housing Inspections
58 SRP Required Septic System Inspections
10 Well Construction Permits
2 Grout Inspections
8 Well Head Inspections
16 Well Consultative Contacts
24 Bacteriological Samples Collected
5 Well Certificate of Completion
0 Well Abandonment Permits
501 Permits QA Review
526 Requests for Service

2013/2014

182 Improvement Permits Issued
147 Operation Permits Issued
93 Complaint Investigations
590 Applications
169 Construction Authorizations Issued
155 Authorizations for Existing Systems
8 Migrant Housing Inspections
19 SRP Required Septic System Inspections
12 Well Construction Permits
10 Grout Inspections
11 Well Head Inspections
13 Well Consultative Contacts
26 Bacteriological Samples Collected
4 Well Certificate of Completion
6 Well Abandonment Permits
681 Permits QA Review
488 Requests for Service

Pediatric Asthma

(within 3 counties)

2012/2013

35 Asthma Client Referrals to us
20 Home Assessments
39 "Parent Bags" delivered to pediatric offices

2013/2014

19 Asthma Client Referrals to us
0 Home Assessments
0 "Parent Bags" delivered to pediatric offices
10 Asthma Mgmt Workshop Participants

Adult Asthma

(within 3 counties)

2012/2013

37 Asthma Client Referrals to us
1 Adult Home Assessments

2013/2014

2 Asthma Client Referrals to us
1 Adult Home Assessment
1 Asthma Mgmt Workshop Participants

Indoor Air Quality

2012/2013

6 Site Investigations (Referral oriented)
24 Requests for Services/Complaints

2013/2014

1 Site Investigations (Referral oriented)
11 Requests for Services/Complaints

Childhood Lead Poisoning Prevention

2012/2013

10 Children with EBL identified
4 EBL Investigations

2013/2014

8 Children with EBL identified
8 EBL Investigations

0 Inspections Due to Lead-poisoned Child
0 Preventive Maintenance Program
Applications Submitted
2 Inspections to Identify Lead-based Paint
and/or Lead Hazards (within 11 counties)
3 Clearance Inspections (within 11 counties)

1 Inspections Due to Lead-poisoned Child
0 Preventive Maintenance Program
Applications Submitted
4 Inspections to Identify Lead-based Paint
and/or Lead Hazards (within 11 counties)
0 Clearance Inspections (within 11 counties)

Methamphetamine Residuals Decontamination

2012/2013

0 Site Initial Investigations
1 Site Decontamination Completed

2013/2014

3 Site Initial Investigations
3 Site Decontaminations Completed
2 Site Decontaminations Plan Received

Environmental Education

2012/2013

10 RRP Class Participants
42 Lead-safe Work Practice Participants
16 Asthma Management Workshops
26 Family Participants in Workshops
0 Managers' Food Safety Classes Conducted
1 Participants Nationally Certified in
Managers' Food Safety Class
0 Culinary Arts Students' Food Safety Class
Participants
0 Cafeteria Staff Food Safety Class
Participants
0 One-day General Food Safety Class
Participants
1 Childcare Center Presentations
7 Participants at Childcare Presentations

2013/2014

9 RRP Class Participants
27 Lead-safe Work Practice Participants
7 Asthma Management Workshops
10 Family Participants in Workshops
17 Proctored Managers' Food Safety Classes
Conducted Participant Nationally Certified in
Managers' Food Safety Class
0 Culinary Arts Students' Food Safety Class
Participants
135 Cafeteria Staff Food Safety Class
Participants
0 One-day General Food Safety Class
Participants
2 Childcare Center Presentations
15 Participants at Childcare Presentations
1 On-Site Wastewater Presentations
90 Participants at On-Water Presentations
2 Other Environmental Health Presentations
85 Other Participants at Env. Health
Presentations

Environmental Laboratory

2012/2013

0 Fecal Coliform
704 Public System Compliance Samples
874 Total Coliform& E.coli – Drinking water
181 Heterotrophic Plate Count – Drinking
water
22 Well Water Analyses
69 New Potable Water Line Construction
Samples
79 Special Water Samples

2013/2014

0 Fecal Coliform
633 Public System Compliance Samples
818 Total Coliform & E.coli –Drinking water
180 Heterotrophic Plate Count – Drinking
water
22 Well Water Analyses
82 New Potable Water Line Construction
Samples
81 Special Water samples
180 Public Water System samples

Animal/Rabies Management

2012/2013

159 Animal Bites Investigated
1294 Service Requested
3591 Animals Euthanized
4719 Animals Brought to Shelter
727 Animals Adopted from Shelter
245 Reclaimed
11 Rabies Specimens (all Negative)

2013/2014

233 Animal Bites Investigated
1285 Service Requests
3120 Animals Euthanized
4188 Animals Brought to Shelter
677 Animals Adopted from Shelter
231 Reclaimed
12 Rabies Specimens (all Negative)
144 Cruelty/Neglect Investigations

