



2013 Year End Report

As provided by:

Madison Department of Health



Public Health
Prevent. Promote. Protect.

Executive Summary

The Madison Department of Health in 2013 was able to accomplish many of the goals it set forth at the end of 2012 and has continued to work on those goals not fully achieved during the year. It continues to be the priority of the Department to respond to the needs of our community while improving efficiency and viability.

The Madison Health Department has also increased its workforce without increasing cost to the Borough through the staff's relationships with various colleges and universities. This program has impacted Health Education, Nursing, and Environmental divisions in Chatham Borough as well as Madison and other contract communities.

The following pages document the 2013 goals and progress on achieving those goals throughout the year as well as goals the Department has set forth for 2014.

2013 Goals of the Department include:

1. Expanding Technology which includes: electronic inspection reports; data analysis; and use of social media for education and information.

This goal was partially met through:

- a. The use of sharepoint which has assisted the departmental staff to decrease repetitive report writing and all important documents can be accessed by all staff
- b. Increased use of the Chatham Borough webpage to distribute information to residents.
- c. Designing in house satisfactory/conditional/satisfactory plaquards and licenses to be printed in the department.
- d. Unfortunately the inspection and complaint system for REHS staff has not been uploaded by the IT department to health department computers or tablets which has left a gap in usage of tablets.

2. Utilizing Masters and Bachelors level interns to increase programming to Chatham Borough.

This goal has been met and exceeded expectations:

The Health Department has increased its intern population to include 3 sets of William Patterson Nursing Students, 3 Masters Level Students, 1 REHS Intern, and 2 undergraduate volunteers. Their time donated was 1,699 hours which equals a .87 FTE. There are currently 4 Masters Level students signed on for 2014.

3. Securing additional Grant Funding to assist with both current programming and future program development.

There were a couple of potential applications reviewed by the Health Department staff but due to limited hours of the part-time staff only one application was developed and unfortunately not approved.

4. Increase Employee Wellness programs within Chatham Borough to include, but not limited to, provide Hepatitis A and Hepatitis B shots to eligible employees (Sewer, Water, Public Works, Emergency Service Personnel).

During 2013, Hep A and Hep B shots were provided to eligible employees as well as having William Patterson Nursing students provide an employee wellness program to the Public Works staff.

2014 Goals of the Department include:

1. Continuing to expand the technology resources of the Department including Environmental Inspection reports and complaint modules for both Environmental health and Animal Control and look at potentially linking them directly with Chatham Borough for ease of use.
2. Creating a strategic plan for the Madison Health Department including creating a vision and mission statement with the potential to apply for national accreditation.
3. Secure grant funding to assist with expanding current programming and future program development.
4. Utilize County Health Improvement Plan and conduct a community level health assessment to guide the Department in program development to address priority health needs of the community in Chatham Borough.

Following this Executive Summary are reports from the Environmental Health, Nursing and Health Education Divisions outlining in more detail their activities for 2013.

Respectfully submitted:

Lisa A. Gulla MPH, MAE, CAS
Health Officer

Madison Health Department

Environmental Report



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Introduction

The environmental division of the health department is staffed by: two full time Registered Environmental Health Specialists (REHS). This division of the health department is responsible for conducting inspection activities as prescribed by New Jersey State Department of Health practice standards, New Jersey Department of Environmental Protection, County Environmental Health Act, and local ordinance enforcement.

These inspections included retail food establishments, public bathing facilities, septic installation and abandonment, lead poisoning investigations, nuisance complaints, DEP complaints, pet shops/ pound inspections, tanning salon, youth camps, rabies investigations and hosted rabies clinics. In addition to these mandated activities the REHS' conduct food safety classes. To maintain their REHS license they have to obtain 15 CEU's annually.

ENVIRONMENTAL Activities 2013

COMPLAINT	TOTAL
Retail Food Inspections	81
Property Maintenance	0
Public Health Nuisance	22
Housing	5
Rabies Control	4
Bathing Places	7
Plan Reviews	0
Pet Shops	0
Childhood Lead Poisoning	0
Total	119

ENVIRONMENTAL ACTIVITIES 2012

COMPLAINT	TOTAL
Retail Food Inspections	
Property Maintenance	
Public Health Nuisance	
Housing	
Rabies Control	
Bathing Places	
Plan Reviews	
Pet Shops	
Childhood Lead Poisoning	
Total	

In 2013 Madison Health Department conducted 9 Food handlers' courses that had 226 participants from 88 establishments from the different municipalities we serve. 56 Food Handlers were from Chatham Borough.

Chatham Borough

<i>Environmental Health Activities</i>	Jan	Feb	March	April	May	June	July	August	Sept	October	November	December		2013 Total
Retail Food Inspections	8	1	5	7	6	10	8	2	15	5	1			68
Retail Food Re-Inspections			4	2	1	2	3							12
Preoperational Inspections	1													1
Walk-In Investigation Compliance Check	1	1	4	2	1						1			10
Complaint Investigation	1	2					1					1		5
Temporary Retail Food Inspections						1	30							31
Pool Inspections						6			1					7
Health Club Inspections														0
Outdoor Café Inspections														0
Mobile Food Inspections														0
Nursery/Day Care Inspections														0
Plan Reviews														0
Public Health Nuisance Investigations	1	1	1	2	2	2	1	3	2	3	1	3		22
Animal Bite Investigations			1				2	1						4
Housing Complaints				2	1		2							5
Lead Investigations														0
Other (Zoning, etc.)			2		1	2		18	5		1			
<i>DEP</i>														0
<i>OPRA</i>														0
<i>Rabies Clinic</i>														
Attendance	82													82
Licenses Issued														0
<i>Animal Census</i>														
Licensed Dogs														0
Licensed Cats														0
Unlicensed Dogs														0
Unlicensed Cats														0
Food Handlers Course Attendance	18			16		21			1					56

Madison
Health Department
DIVISION OF
PUBLIC HEALTH NURSING

“...Promoting Better Health...”



Annual Report of Services to Chatham Borough
2013

PROFESSIONAL STAFF

ADMINISTRATION

Lisa A. Gulla, MPH, MAE, CAS – Health Officer

PUBLIC HEALTH NURSING DIRECTOR

Flo Rice, RN, EdD

PUBLIC HEALTH NURSE

Marlene Dolan, R.N., BSN

Public Health Nursing Overview

Public health nurses care for the health of populations in their community. They monitor the spread of disease, keep vigilant watch for environmental hazards, educate the community on how to care for and treat themselves, and train for community disasters and bioterrorism. They immunize people in all stages of life and check the immunization status of children in school. Public health nurses advocate not just for the patient but for the community. The following report chronicles the program services delivered throughout the year of 2013.

Child Health Clinics

There were twelve clinics held throughout the year. Nine children attended the clinic. Another four children came in for immunizations only. A total of 18 childhood vaccines were given. An additional 28 children received flu vaccine. We filled in for a local practice when they ran out of flu vaccine.

Flu Vaccine

Chatham residents, teachers and employees had an opportunity to receive vaccine at a designated clinic or on a drop in basis at the Health Department. 147 residents, 18 employees and 37 district school teachers received vaccines to total 202 vaccines.

Nursery School Directors' Class on State Immunization Requirements

A two hour class was held for directors to learn more about the state's requirements for immunizations. There are single antigen and combination antigen vaccines. The pharmaceutical companies have different names for the vaccines. The intervals between vaccines vary. This can be very confusing to people that are not very familiar with the vaccines so a class like this is helpful. It also helps establish a better relationship. The

directors then feel more comfortable in calling the Health Department about vaccines, communicable diseases, lice or other concerns.

DPW have a presentation on Recognizing Heart Attack Symptoms

Nursing students from William Paterson University (Wayne, NJ) had a community health project to do. They started with a community assessment. Heart disease was at a high level. We arranged for the presentation to be given at the DPW. The discussion afterward centered around health eating habits. Most thought they were sufficiently active in the physical work that they do all day. They were very receptive and enjoyed the class and the attention.

Hepatitis A, Hepatitis B and Tdap Vaccines

Employees from Joint Meeting, DPW, Police, Fire and Ambulance Squads were invited to start the Hepatitis A series. Some requested to complete the Hepatitis B series and receive a Tetanus booster. 29 employees received one or more vaccines. These were given on site at the DPW and Joint Meeting locations.

Shingles Vaccine

As part of the Vaccine for Adults state program that we began in April of this year, seniors who have insurance that does not cover vaccines are eligible for Shingles vaccine (Zostavax) for a small fee of \$15. Four people with Medicare only received vaccine.

School Immunization Record Audits

***Pre-School Audits**

There were **eight pre-schools** audited for a total of 517 records. There were 25 students with deficiencies. Some were corrected by a missing vaccine (10). Others chose a religious exemption. There were two schools with eight exemptions, one with five and two below five, a 4% exemption rate. The schools are considered compliant with religious or valid medical exemptions. Some parents are not happy with the flu vaccine requirement in pre-schools.

Next year, the Drop-In Centers are Chatham United Methodist and Ogden will be added to the list. They are licensed centers.

***School-Age audits**

Six site visits were done in Chatham Borough for school-age children. 646 records were reviewed and 89 had deficiencies. The majority of those are the 6th grade requirements for Tdap and Meningitis vaccine. The exemption rate for them is about 2%.

Screenings

The complete metabolic panel blood test screens for cholesterol, diabetes, kidney disease liver disease and blood diseases. Based on the lipid panel results, it gives some indication of cardiac risk. Eleven people had this screening. Fifteen had blood pressure screening and four women and two men had female and male cancer screenings. Both the client and the doctor receive a copy of the results.

Control of Acute Communicable Diseases

The nursing department is required to investigate communicable diseases through a computer-based program linked to NJDOH, state laboratories, hospitals, and private laboratories.

The program is called the Communicable Disease Reporting and Surveillance System (CDRSS).

Public health nurses investigate all reports of communicable diseases on residents in Madison and its contracting towns. This process involves checking the computer for cases, then contacting, interviewing, and educating patients and physicians. There are some diseases where the contacts of patients may also have to be interviewed. These people may need prophylactic antibiotic treatment and follow-up. Hepatitis A and bacterial meningitis are two diseases that require contact follow-up.

A full report of the investigation is entered into the CDRSS. These investigations are essential in controlling the spread of the disease and the data is used for epidemiological study. The state relays the information to the CDC.

Some communicable diseases, because of severity, require immediate reporting. These diseases may include measles, mumps, bacterial meningitis, acute hepatitis A, novel influenza strains and others. Immediate response helps to either prevent outbreaks or minimize the spread. Police and FBI are also contacted to monitor the potential for suspected acts of bioterrorism.

“Immediately Reportable” diseases require a phone call to state authorities and to the Health Officer to alert responsible parties that a “potential” hazard is present.

The Health Department investigated 32 disease reports in 2013. 23 were Lyme or other tick-borne diseases. Five were Hepatitis B or C and four miscellaneous. There were no food-borne outbreaks that were investigated last year in Chatham restaurants or Chatham residents. The Health Department staff received training this year to respond quickly to outbreaks and to work to curtail the spread of disease.

This task is exclusively the responsibility of the state and local health departments. It is an important aspect of public health.

The following page will give a clear picture of the scope of communicable disease

Quick Reference



Reporting Requirements for Communicable Diseases and Work-Related Conditions



(see New Jersey Administrative Code Title 8, Chapters 57 and 58)

Communicable Disease Service
Disease Reporting Requirements and Regulations can be viewed at:
<http://nj.gov/health/cd/reporting.shtml>



Health care providers required to report: physicians, advanced practice nurses, physician assistants, and certified nurse midwives.

Administrators required to report: persons having control or supervision over a health care facility, correctional facility, school, youth camp, child care center, preschool, or institution of higher education.

Laboratory directors: For specific reporting guidelines, see NJAC 8:57-1.7.

CONFIRMED or SUSPECT CASES TELEPHONE **IMMEDIATELY** to the LOCAL HEALTH DEPARTMENT

- Anthrax
- Botulism
- Brucellosis
- Diphtheria
- Foodborne intoxications (including, but not limited to, ciguatera, paralytic shellfish poisoning, scombroid, or mushroom poisoning)
- *Haemophilus influenzae*, invasive disease
- Hantavirus pulmonary syndrome
- Hepatitis A, acute
- Influenza, novel strains only
- Measles
- Meningococcal invasive disease
- Outbreak or suspected outbreak of illness, including, but not limited to, foodborne, waterborne or nosocomial disease or a suspected act of bioterrorism
- Pertussis
- Plague
- Poliomyelitis
- Rabies (human illness)
- Rubella
- SARS-CoV disease (SARS)
- Smallpox
- Tularemia
- Viral hemorrhagic fevers (including, but not limited to, Ebola, Lassa, and Marburg viruses)

Cases should be reported to the **local health department** where the patient resides. If patient residence is unknown, report to your **own** local health department. Contact information is available at: localhealth.nj.gov.

If the individual does not live in New Jersey, report the case to the New Jersey Department of Health at: 609-826-5964.

In cases of **immediately reportable diseases** and other **emergencies** - if the local health department cannot be reached - the New Jersey Department of Health maintains an emergency after hours phone number: 609-392-2020.

July 2013
www.nj.gov/health/cd

REPORTABLE WITHIN 24 HOURS OF DIAGNOSIS to the LOCAL HEALTH DEPARTMENT

- Amoebiasis
- Animal bites treated for rabies
- Arboviral diseases
- Babesiosis
- Campylobacteriosis
- Cholera
- Creutzfeldt-Jakob disease
- Cryptosporidiosis
- Cyclosporiasis
- Diarrheal disease (child in a day care center or a foodhandler)
- Ehrlichiosis
- *Escherichia coli*, shiga toxin producing strains (STEC) only
- Giardiasis
- Hansen's disease
- Hemolytic uremic syndrome, post-diarrheal
- Hepatitis B, including newly diagnosed acute, perinatal and chronic infections, and pregnant women who have tested positive for Hep B surface antigen
- Influenza-associated pediatric mortality
- Legionellosis
- Listeriosis
- Lyme disease
- Malaria
- Mumps
- Psittacosis
- Q fever
- Rocky Mountain spotted fever
- Rubella, congenital syndrome
- Salmonellosis
- Shigellosis
- *Staphylococcus aureus*, with intermediate-level resistance (VISA) or high-level-resistance (VRSA) to vancomycin only
- Streptococcal disease, invasive group A
- Streptococcal disease, invasive group B, neonatal
- Streptococcal toxic shock syndrome
- *Streptococcus pneumoniae*, invasive disease
- Tetanus
- Toxic shock syndrome (other than Streptococcal)
- Trichinellosis
- Typhoid fever
- Varicella (chickenpox)
- Vibriosis
- Viral encephalitis
- Yellow fever
- Yersiniosis

REPORTABLE DIRECTLY to the NEW JERSEY DEPARTMENT OF HEALTH

Hepatitis C, acute and chronic, newly diagnosed cases only
Written report within 24 hours

HIV/AIDS
609-984-5940 or 973-648-7500
Written report within 24 hours

- AIDS
- HIV infection
- Child exposed to HIV perinatally

Sexually Transmitted Diseases
609-826-4869
Report within 24 hours

- Chancroid
- Chlamydia, including neonatal conjunctivitis
- Gonorrhea
- Granuloma inguinale
- Lymphogranuloma venereum
- Syphilis, all stages and congenital

Tuberculosis (confirmed or suspect cases)
609-826-4878
Written report within 24 hours

Occupational and Environmental Diseases, Injuries, and Poisonings
609-826-4920
Report within 30 days after diagnosis or treatment

- Work-related asthma (possible, probable, and confirmed)
- Silicosis
- Asbestosis
- Pneumoconiosis, other and unspecified
- Extrinsic allergic alveolitis
- Lead, mercury, cadmium, arsenic toxicity in adults
- Work-related injury in children (< age 18)
- Work-related fatal injury
- Occupational dermatitis
- Poisoning caused by known or suspected occupational exposure
- Pesticide toxicity
- Work-related carpal tunnel syndrome
- Other occupational disease

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**Chatham Borough 2013
Health Education/Health Promotion Activities**

Municipal Alliance Committee of the Chathams (MACC):

Attend monthly meetings, serve as a resource person for volunteer leadership, represent MACC at County meetings, provide educational updates and links regularly.

Project Healthy Bones- Provided supervision, leader updates and new leader training. Served on state PHB review team to update and publish revised manual (ongoing).

Chatham Mayors Wellness Campaign-Attend monthly meetings and serve as one of the resource persons.

Represented Chatham Alliance on **Coalition for a Safe and Healthy Morris (CCSHM)** and linked with their programs to local efforts: Rutgers graduate student has and will continue to help volunteers move forward with private property underage drinking ordinance.

Publicity for all health department screening and immunization programs including male and female cancer screening, adult health screening and flu immunizations. Sent to newspapers and Chatham contact people to put on Borough web site, Patch, email distribution lists and other methods.

Program:	Sessions:		Participants:	
	2012	2013	2012	2013
Matter of Balance	8	0	63	
Healthy Bones (*2013 counts half of class participants)	40	37	226	108*
Municipal Alliance	112	15	3587	203
Press Releases/Web Postings		43		
Other Health Ed programs				