

**SUSSEX COUNTY  
DEPARTMENT OF  
ENVIRONMENTAL AND  
PUBLIC HEALTH SERVICES**



**2010 ANNUAL REPORT**

# Sussex County

## Board of Chosen Freeholders

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Richard A. Zeoli, Director  
Susan M. Zellman, Deputy Director  
Richard A. Vohden, Health Department Liaison  
Phillip R. Crabb  
Parker Space

John H. Eskilson, County Administrator  
Dennis R. McConnell, County Counsel  
Elaine A. Morgan, Clerk of the Board

### **Serving All Municipalities in Sussex County**

- **Andover Borough**
- **Andover Township**
- **Branchville Borough**
- **Byram Township**
- **Frankford Township**
- **Franklin Borough**
- **Fredon Township**
- **Green Township**
- **Hamburg Borough**
- **Hampton Township**
- **Hardyston Township**
- **Hopatcong Borough**
- **Lafayette Township**
- **Montague Township**
- **Town of Newton**
- **Ogdensburg Borough**
- **Sandyston Township**
- **Sparta Township**
- **Stanhope Borough**
- **Stillwater Township**
- **Sussex Borough**
- **Vernon Township**
- **Walpack Township**
- **Wantage Township**

# Department of Environmental and Public Health Services

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Phone 973-579-0370 Fax 973-579-9773  
[health@sussex.nj.us](mailto:health@sussex.nj.us)



## **Herbert J. Yardley, MA, REHS Administrator, Health Officer**

Herbert Yardley is the Administrator/Health Officer of the Department of Environmental and Public Health Services and has over 30 years of experience in Public Health. As Administrator, Mr. Yardley oversees all programs within the Department of Environmental and Public Health Services that currently provides health and environmental services to all 24 municipalities in the county.

The offices and programs within the department include Environmental Health Services/CEHA, the Office of Public Health Nursing, Public Health Emergency Preparedness Program, Special Child Health Services, Office of Weights and Measures, Office of Mosquito Control, and HAZ-MAT Response Team.



## **Public Health**

Prevent. Promote. Protect.

### What Does the Local Health Department Do in Your Community?

Your local health department or “public health department”— is a leader in improving the health and well-being of your community. Your health department is responsible for:

- ***Protecting you from health threats.*** Your health department works to prevent disease outbreaks and makes sure the tap water you drink, the restaurant food you eat and **the air you breathe are all safe. It’s also ready to respond to any health emergency**—be it bioterrorism, SARS, West Nile Virus or an environmental hazard.
- ***Educating you and your neighbors about health issues.*** Your health department gives you information about making healthy decisions, like exercising more, eating right, quitting smoking or simply washing your hands to keep from spreading illness. During a public health emergency, your health department also provides important alerts and warnings to protect your health.
- ***Providing healthy solutions.*** Your health department offers the preventive care you need to avoid disease and maintain your health. It provides flu shots for the elderly and helps mothers get prenatal care to give their babies a healthy start. Your health department also helps provide children with regular check-ups, immunizations, and good nutrition to help them grow and learn.
- ***Advancing community health.*** Your health department takes part in developing new policies and standards that address existing and emerging challenges to your **community’s health while enforcing a range of laws to help keep you safe. Your health department works through research and staff training to maintain expertise and deliver up-to-date, cutting-edge health programs.**



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# Administrative Services



Administrative Services plays a vital role in the Sussex County Department of Environmental and Public Health Services, performing necessary organizational management services which contribute to an efficiently managed health department.

The Public Health Officer oversees and evaluates the performance of all duties that are necessary to satisfy federal, state, and local public health regulations. The public health staff depends on the Administrative **Services' support to perform** daily obligations and to maintain efficient and effective results.

One of the most important roles of an organization in serving the public is the response to public inquiries. The Department of Environmental and Public Health Services is often the first place that residents of Sussex County call for information regarding health concerns, and emergencies. County residents contact the Department seeking information about clinics or disease specific information, while students, municipal governments and other public entities contact the Department for research and planning needs.

Additional duties performed by the Administrative Services staff includes:

- Entering the data from inspection reports and other necessary documentation **into the department's** database
- Conducting file searches and processing OPRA requests
- Intake and process of septic and well permits
- Mail processing and distribution
- Arranging for Rabies specimens to be sent to State lab
- Processing Notice of Violations (NOVs) to State, including preparation, follow-up and processing of collected fee associated with violations
- Processing small hauler checks
- Bank deposits for monies coming into the Department
- Scheduling appointments for residents to attend clinics and screenings

# Environmental Health Services

## County Environmental Health Act & HAZ-MAT

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### Environmental Health Services



The Environmental Health Services team's primary focus is on providing environmental health services, such as facility inspections and complaint investigations, to maintain the overall health of the community. They conduct food surveillance of all county restaurants, food sale and storage facilities. The Registered Environmental Health Specialists (REHS) inspect all campgrounds, youth camps, Body Art (Tattoo), and recreational bathing facilities to ensure compliance with state and federal regulations. Inspections are performed on all new septic system installation, as well as, septic system modification. The team also inspects and maintains records of County and well water supplies; monitor the county for rabies and other public health nuisances; and enforce municipal ordinances as they pertain to public health.



## County Environmental Health Act (CEHA)

Each day, the [New Jersey Department of Environmental Protection's](#) (DEP) environmental control efforts are supported through partnerships with county health agencies. This partnership was formalized in 1978 by the State Legislature through passage of landmark legislation called the County Environmental Health Act (CEHA). The Legislature recognized that many environmental issues are regional in nature and county health departments are among the most efficient health units in the State. This Act authorized the Department to certify local health agencies to administer delegated environmental programs. (Source: [NJDEP](#))

The Sussex County Department of Environmental and Public Health Services supports **NJDEP/CEHA** initiatives for: Occupational Health (Right to Know), Water Pollution, Air Pollution, Safe Drinking Water Act, Noise, and Hazardous Substance Control Solid Waste (including recycling and illegal dumping).



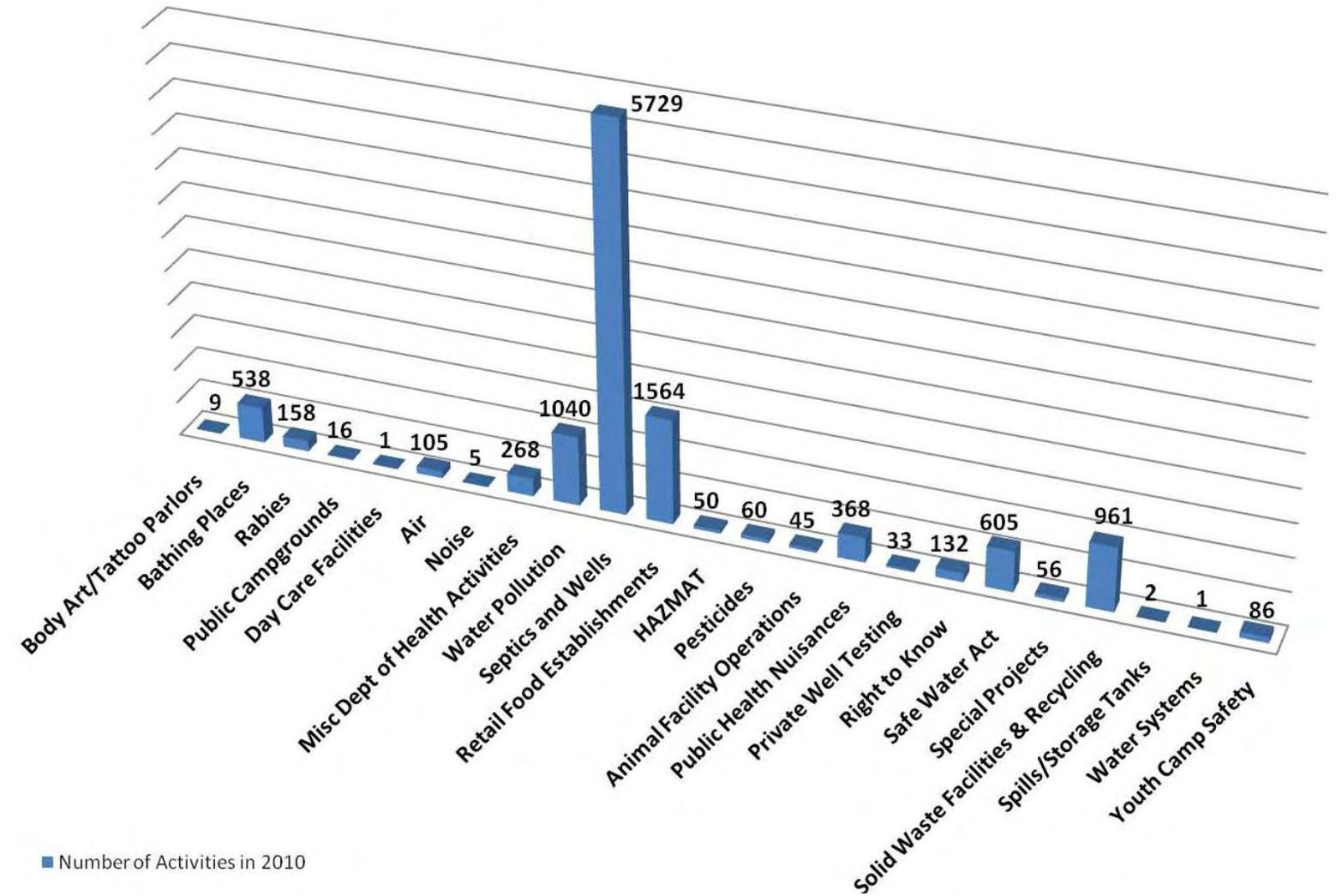
## HAZ-MAT Program

The Sussex county HAZ-MAT team, consisting of 20+/- full time county employees trained to the technician level is available to respond to environmental and public health emergencies 24 hours a day, seven days a week.



A collaborative effort between the Sussex County [Sheriff's Office](#), the Sussex County [Office of the Prosecutor](#), the Sussex County [Division of Public Works](#), and the Sussex County [Sussex County Department of Environmental and Public Health Services](#), the team was recently recognized by the State of New Jersey, Department of Environmental Protection as a Model Program for Hazardous Material Response. With the assistance of the County [Office of Emergency Management](#) and the [Sussex County Public Safety Training Academy](#), the program has matured into a valuable asset and tool for the municipalities of Sussex County.

# ANNUAL ACTIVITIES REPORT 2010



## Environmental Health Services - Total Township Inspections – 2008

TOWNSHIP NAME	SEPTIC INSPECTIONS	WELL INSPECTIONS	NUISANCE INSPECTIONS	WATER TEST SITES	FOOD INSPECTIONS	TWP TOTAL INSPECTIONS
Andover Borough	25	0	2	0	14	41
Andover Township	145	6	12	16	56	235
Branchville Borough	20	0	0	0	12	32
Byram Township	229	6	1	18	65	319
Frankford Township	224	8	6	100	188	526
Franklin Township	3	0	24	72	83	182
Fredon Township	55	1	0	9	16	81
Green Township	111	0	1	14	18	144
Hamburg Borough	0	0	7	38	25	70
Hampton Township	109	2	33	52	59	255
Hardyston Township	181	4	9	16	73	283
Lafayette Township	70	2	1	21	36	130
Montague Township	87	2	17	37	38	181
Town of Newton	9	1	46	241	137	434
Ogdensburg Borough	59	0	11	0	18	88
Sandyston Township	74	3	2	26	30	135
Sparta Township	565	5	10	92	130	802
Stanhope Borough	0	0	1	0	37	38
Stillwater Township	119	4	10	26	24	183
Sussex Borough	4	0	4	26	31	65
Vernon Township	78	3	2	7	26	116
Walpack Township	0	0	0	0	2	2
Wantage Township	212	25	7	19	63	326
<b>Total Inspections</b>	<b>2379</b>	<b>72</b>	<b>206</b>	<b>830</b>	<b>1181</b>	<b>4668</b>

### Total Township Inspections Comparison Report 2008 through 2010

**Environmental Health Services - Total Township Inspections – 2009**

<b>TOWNSHIP NAME</b>	<b>SEPTIC INSPECTIONS</b>	<b>WELL INSPECTIONS</b>	<b>NUISANCE INSPECTIONS</b>	<b>WATER TEST SITES</b>	<b>FOOD INSPECTIONS</b>	<b>TWP TOTAL INSPECTIONS</b>
<b>Andover Borough</b>	45	2	0	3	41	93
<b>Andover Township</b>	185	19	3	23	75	324
<b>Branchville Borough</b>	21	0	0	0	16	37
<b>Byram Township</b>	426	30	1	48	93	628
<b>Frankford Township</b>	323	61	3	63	239	750
<b>Franklin Township</b>	49	3	1	76	98	230
<b>Fredon Township</b>	97	8	0	16	24	153
<b>Green Township</b>	161	17	0	20	18	233
<b>Borough of Hamburg</b>	2	0	0	43	30	75
<b>Hampton Township</b>	178	24	0	64	55	345
<b>Hardyston Township</b>	406	26	0	25	79	562
<b>Hopatcong Borough</b>	141	15	0	6	21	198
<b>Lafayette Township</b>	99	14	0	17	42	186
<b>Montague Township</b>	179	12	0	34	41	278
<b>Town of Newton</b>	21	1	0	275	198	496
<b>Ogdensburg Borough</b>	133	0	0	1	31	165
<b>Sandyston Township</b>	94	10	0	37	33	184
<b>Sparta Township</b>	907	22	1	95	153	1200
<b>Stanhope Borough</b>	12	0	0	1	40	53
<b>Stillwater Township</b>	202	15	0	37	25	294
<b>Sussex Borough</b>	1	0	0	26	35	62
<b>Vernon Township</b>	1174	67	1	33	176	1518
<b>Walpack Township</b>	3	0	0	1	2	6
<b>Wantage Township</b>	462	32	0	30	95	651
<b>Total Inspections</b>	<b>5321</b>	<b>378</b>	<b>10</b>	<b>974</b>	<b>1660</b>	<b>8721</b>

## Environmental Health Services - Total Township Inspections – 2010

TOWNSHIP NAME	SEPTIC INSPECTIONS	WELL INSPECTIONS	NUISANCE INSPECTIONS	WATER TEST SITES	FOOD INSPECTIONS	TWP TOTAL INSPECTIONS
Andover Borough	33	5	11	0	35	84
Andover Township	173	49	12	16	76	326
Branchville Borough	36	1	5	0	22	64
Byram Township	521	47	8	14	91	681
Frankford Township	474	85	21	33	208	821
Franklin Borough	34	12	10	80	74	210
Fredon Township	147	18	0	11	16	192
Green Township	198	37	0	13	26	274
Borough of Hamburg	4	8	4	36	43	95
Hampton Township	242	42	19	55	20	378
Hardyston Township	653	59	7	20	67	806
Hopatcong Borough	425	48	52	7	51	583
Lafayette Township	148	51	6	42	68	315
Montague Township	167	41	7	48	49	312
Town of Newton	19	5	97	214	177	512
Ogdensburg Borough	181	1	8	0	28	218
Sandyston Township	147	31	4	19	33	234
Sparta Township	1390	29	16	97	153	1685
Stanhope Borough	2	1	9	0	24	36
Stillwater Township	232	24	12	30	16	314
Sussex Borough	2	0	0	22	42	66
Vernon Township	1484	143	57	44	150	1878
Walpack Township	2	3	0	6	2	13
Wantage Township	477	114	4	31	93	719
<b>Total Inspections</b>	<b>7191</b>	<b>854</b>	<b>369</b>	<b>838</b>	<b>1564</b>	<b>10816</b>

**Sussex County Office of Environmental Health  
Summary Activity In Descending Order of Incidence**

**Rabies Activities 2010**

**158 Total Activities Logged**

<b>Activity Detail In Descending Order of Incidence</b>
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Rabies - Rabies Case Received	63
Rabies - Animal Released	51
Rabies - Correspondence	22
Rabies - Animal Quarantined	20
Rabies - Speciman Sent for Testing	2

# Office of Public Health Nursing

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Sussex County Office of Public Health Nursing offers a wide variety of health-related activities and services to Sussex County residents. The professional nursing staff directs efforts toward educating people about health issues, attempts to control communicable disease by investigating health problems and providing immunizations, engages in community partnerships to identify and solve health problems, and reaches out to people who need assistance finding community services. Public health nurses work to assure that people live in safe conditions that promote optimum health.



**Cancer screenings for women** include a physical exam of the breast and a pap test for cervical cancer. **Cancer screenings for men** include a prostate and testicular exam in addition to a PSA blood test for prostate cancer. Grant money is available to provide free screenings for people who meet financial eligibility. **Skin cancer screenings** and blood CHEM 18 screenings are also held throughout the year.

**Well-baby clinics** are available monthly for children from birth to 5 years of age. Physical exams, vaccinations, and screenings (hearing, vision, lead, anemia, and urine) are offered. Nurses counsel parents about child development and safety issues related to children at specific ages. There is no fee for these clinics.



During flu season, the public health nursing staff schedule **Flu clinics** to provide the flu vaccinations at locations throughout the county from September through November. Pneumococcal vaccines and tetanus vaccines are offered at the same time.

**Health Check Clinic** is a multipurpose adolescent and adult health clinic. It offers adults vaccines, Blood pressure screenings, Body Mass Index calculation, medication management, health maintenance assistance, Hepatitis B vaccines, and nutrition counseling along with nurse consultation for an array of health issues. The Office of Public Health Nursing works closely with the Sussex County Emergency Preparedness Team and the Sussex County Domestic



Preparedness Task Force in preparing for emergencies. Public health nurses also ensure public safety by monitoring communicable diseases and tuberculosis cases within the county.

The office's **"Take it to the Streets"** outreach program presents health topics to area residents at various locations throughout the county; such as shopping centers, businesses and high trafficked areas in an effort to increase awareness of health issues.

Public Health Nurses are involved in the **Sussex County Cancer Coalition**. This is a partnership of community members and resource agencies that encourage cancer prevention behavior and increase early cancer detection for Sussex County residents. The

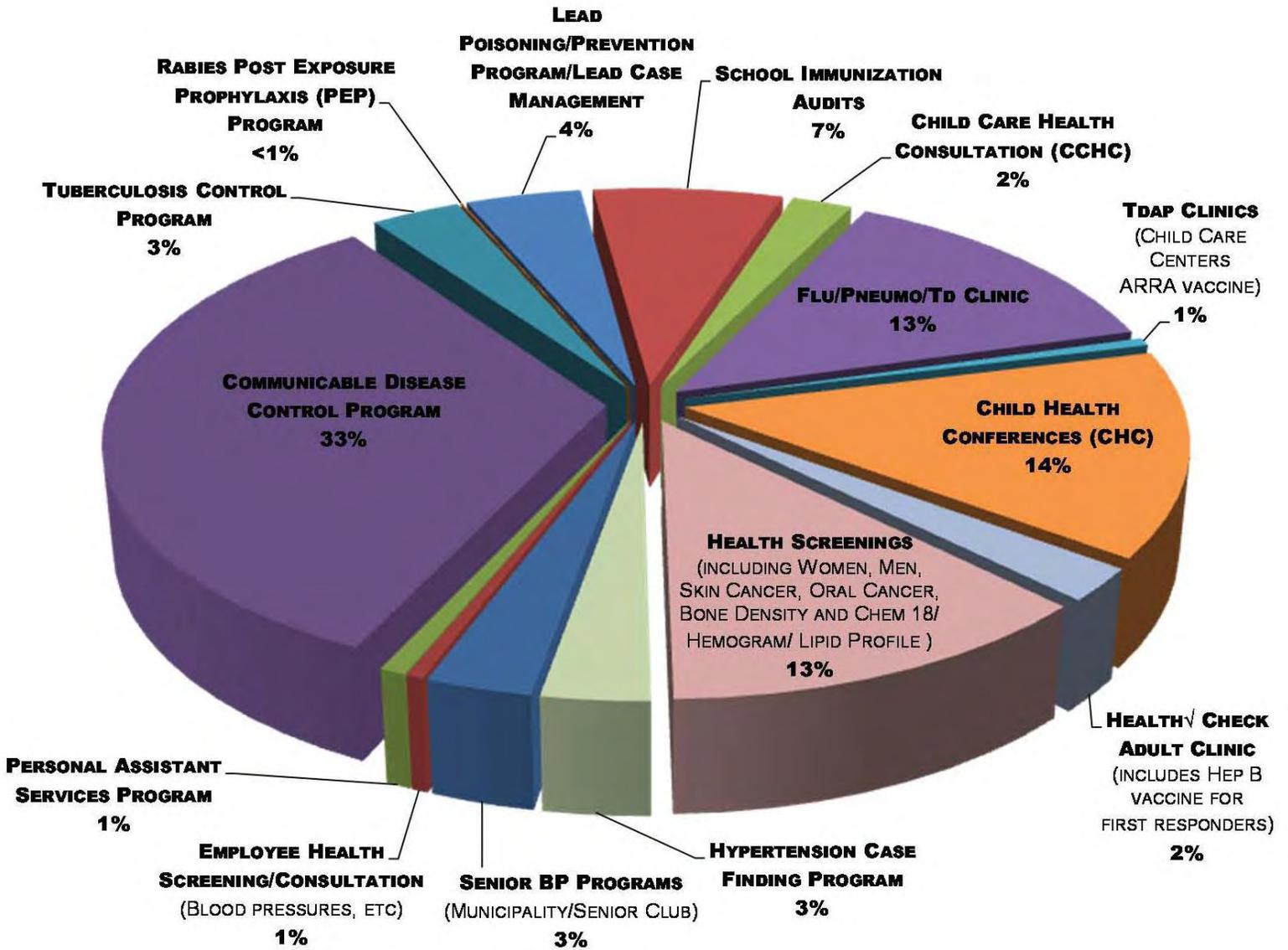
coalition's focus, by way of public education, is to intensify awareness and reduce the morbidity/mortality rates of cancer in Sussex County.

The Public Health Nursing staff also offer some additional programs that benefit children in the County. **School Immunization Audits** are conducted yearly for all preschool, elementary, middle, and high school student immunization records to ensure compliance with New Jersey law immunization requirements. **Childhood Lead Poisoning Prevention Program** provides blood lead screening and assessment of lifestyle and environment and referrals to Registered Environmental Health Specialist for home evaluation if indicated. Case management is provided for people with elevated blood lead levels. **Child Care Health Consultation** provides health-related educational programs for child care providers given by a certified child care health consultant. **Improved Pregnancy Outcome** includes home visits to prenatal women and post partum women/infants to assess health, nutrition, environmental, and social needs.



Several programs focus exclusively on senior health. **Senior Citizen Educational Programs** are educational programs tailored to the needs and requests of County senior-citizens. These programs are offered at various locations throughout the County of Sussex at senior group meetings throughout the year. **Blood Pressure Screenings** are monthly blood pressure screenings also conducted at local senior citizen group meetings throughout the County.

**CHART REPRESENTS PERCENTAGE OF HOURS SPENT ON ACTIVITIES BY PUBLIC HEALTH NURSES**



Sussex County Department of Environmental and Public Health Services  
Office of Public Health Nursing  
Annual Report for 2010  
(with additional data for comparison with 2008 and 2009)

**Public Health Nursing Staff**

1 full time Director of Public Health Nursing

3 full time Senior Public Health Nurses (one of these Senior Public Health Nurses retired as of December 31, 2010-not replaced for 2011)

2 part time Graduate Nurses (TB nurse and CHES health education nurse)

1 part time Licensed Practical Nurse

1 full time Clerk (Clerk was bumped via Civil Service as of December 31-no trained replacement as of December 31)

1 part time On Call Clerk (works up to 2 days a week as needed for CHC Clinic-works minimally, few hours a week)

1 full time Senior Public Health Nurse continues reassignment to 20 hours Emergency Preparedness Nurse and 20 hours Sussex County Cancer Coalition.

On call nurses for H1N1 and seasonal influenza clinics

**Sussex County Office of Public Health Nursing Program Summary 2010**

Program	Summary 2010	Data 2008	Data 2009	Data 2010
<b>Hypertension Screening (Blood Pressure Screening) Program-Seniors Citizens</b>  Nurse checks blood pressure readings at 20 senior club meetings in 20 municipalities every other month. 2 senior clubs disbanded at the end of 2009. Screenings not done	Office hours (preparation, synchronizing laptop computers, etc): 39 hours Total BP screenings: 73 Field hours at BP screenings: 166.75 hours Number of clients screened (duplicated): 999 New hypertension cases referred: 5	99 hours office 165 screenings 347 hours  2290 clients (duplicated)  1 referral	44 hours office 90 screenings 184.5 hours  1118 clients (duplicated)  1 referral	39 hours office 73 screenings 166.75 hours  999 clients (duplicated)  5 referrals

1

during month of October due to Flu Clinic Schedule and not enough staff to cover both programs.				
<b>Hypertension Screening (Blood Pressure) Screening Program-Case Finding</b>  Nurse checks blood pressure readings at various locations in County, including businesses and stores. Target group is middle-aged adults. Goal: Hypertension case finding (new, undiagnosed cases)	Office hours (planning program, preparation, contacting places to conduct screenings, data analysis during pilot phase): 58.25  Number of Hypertension Case Finding screenings: 28  Field hours at Hypertension Case Finding screenings: 78.25 Number of clients screened (unduplicated): 4 Number of new hypertensive clients: 21	This program did not exist in 2008	167.75 office hrs.  37 screenings  130 field hours  593 clients	58.25 office hrs.  28 screenings in 15 municipalities  78.25 field hours  432 clients  21 new hypertensive clients referred
<b>PASP (Personal Assistant Services Program)</b>  Nursing assessment visits done yearly for clients of program managed by Human Services. Visits are reimbursed.	PASP home visits: 8 Field hours for PASP visits: 16.5 hours Office hours for PASP: 20.5 hours	3 home visits	7 home visits 23 hours visits 32.5 hrs office	8 home visits 16.5 hours visits 20.5 hrs office
<b>Communicable Disease Control Program</b>  Nurse investigates communicable diseases and outbreaks, institutes	Office hours for Communicable Disease: 1598.75 hrs New communicable disease cases: 1843 Home visits: 6 @ 15 hours Meetings: 7 hours	1317 hrs office 1356 cases 2 home visits	1547 hrs office 2530 cases 12 hours mtngs	1598.75 hrs office 1843 cases 6 home visits 7 hours mtngs

2

measures to reduce spread of disease, and reports to NJ State Department of Health.	<i>Communicable Disease Control is a daily activity that accounts for a lot of PHN time. It is intensive and involves extensive investigative work; public health decision making; collaboration among the State HD, local health departments, other State HDs, businesses, physician offices, clients, and laboratories; and CDRSS reporting online.</i>			
<b>Tuberculosis Control Program</b>  TB investigations, home visits for DOT (Direct Observation Therapy) as needed, distribution of TB medications	New TB cases: 19 TB home visits for DOT: 21 Field hours for TB DOT home visits: 26 hours TB home visits (not DOT): 9 Field hours for TB home visits (not DOT): 14.5 Office hours for TB: 188.5 Meetings: 6 hours	101 vs. DOT 84 hours vs.  136 hrs office	12 cases 7 visits DOT 12.5 hours vs. DOT 2 visits (not DOT) 1.5 hours (not DOT) 87.5 hrs office	19 cases 21 visits DOT 26 hours vs. DOT 9 visits (not DOT) 14.5 hours vs. (not DOT) 188.5 hrs office 6 hrs meetings
<b>Rabies Post Exposure Prophylaxis (PEP) Program</b>  Nurse follows up with clients who have exposure and receive PEP treatment	New rabies exposure cases: 20 Office hours for rabies: 58.5	11 cases 84 hours office	18 cases 59 hours office	20 cases 58.5 hours office
<b>Lead Poisoning/Prevention Program</b> <b>Lead Case Management</b>  Nurse follows up on elevated lead level in children. * Increased number of office hours in 2010 to participate in webinars, etc on new lead law.	New lead cases: 3 Office hours for lead: 215 hours* Meetings for lead: 12 hours	2 cases 37 hours office  2 home visits	2 cases 100 hours office 18 hours mtngs	3 cases 215 hours office 12 hours mtngs

3

<b>School Immunization Audits</b>  Nurse reviews immunization records in child care and day care centers, elementary, middle, and high schools (private and public) for compliance with Chapter 14 of the NJ Sanitary Code. Files appropriate reports to NJDOH.	Number of schools audited: 109 Field hours for school audits: 297 Office hours for school audits (follow up): 389 Number of immunization deficiencies found and brought into compliance by June 1, 2009: 1407	117 audits  195 hours field  310 hrs office  816 deficiencies	117 audits  276 hours field  850 hrs office  1523 deficiencies  *increase in hours due to added municipality and further travel; also more deficiencies	109 audits  297 hours field  389 hrs office  1407 deficiencies
<b>Child Care Health Consultation</b>  Nurse who is certified as Child Care Health Consultant gives educational programs and support to child care centers.	CCHC presentations: 33 Field hours for CCHC: 66.75 hours Office hours for CCHC: 46.5 hours  Programs were handwashing, diapering hygiene, shaken baby, nutrition, and how to prepare for immunization audits.	75 office hrs telephone consultation. No field hours	11 presentations 18 hours field 44.5 hrs office 4 hours mtngs	33 presentations 66.75 hours field 46.5 hrs office
<b>Employee Health Program</b>  Sussex County employees come to Public Health Nursing for guidance with various issues, to have their blood pressures checked, etc. We recognized that this occurs regularly and started tracking the time spent and	Visits to PHN by county employees: 52 Generally, visits were for blood pressure check and consultation, diabetes consultation, tick removal, cardiac consultation, diet consultation Office hours: 23.5 hours  <b>NEW PROGRAM FOR 2010</b>	None in 2008	None in 2009	52 visits 23.5 hours

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the employee requests. At the end of 2010, the data will be reviewed and we may incorporate an Employee Health Program into Public Health Nursing, expanding the services to include education.				
<p><b>Influenza vaccine, Pneumococcal vaccine, and Tetanus Vaccine Clinic</b></p> <p>Nurses plan and administer seasonal influenza vaccines, pneumococcal vaccines, and tetanus vaccines at multiple locations in Sussex County throughout the fall and early winter months. Some home visits for homebound clients. Medicare is billed for reimbursement for vaccines administered to clients who have Medicare. Clients under</p>	<p>Flu/Pneumo/Td (hereafter "Flu") home visits: 6 Field hours for Flu home visits: 8.5 hours Number of Flu clinics: 36 Field hours for Flu clinics: 385 hours (does not include hours worked at clinics by per on call per diem nurses) Total number of clients at clinics: 4582 Number of Flu vaccines administered: 3451 Number H1N1 vaccines administered: 1093* Number of Pneumococcal vaccines administered: 156 Number of Tetanus vaccines administered: 141 Office hours for Flu Clinics: 219.25 hours Meetings for Flu Clinics: 8 hours</p> <p>*includes doses administered at large H1N1 clinic at Sussex Tech HS and those given in PHN office</p>	<p>2 visits 16 clinics 473 hrs clinic 4418 flu vac 302 pneu vac 252 tetanus vac 69 hours office</p>	<p>8 visits 57 hours vs 16 clinics 918.5 hrs clinic 4255 clients 3753 flu vac 303 pneu vac 240 tetanus vac 166 hours office 31.5 hours mtng</p> <p>*increase in hours due to longer distance to travel to clinics</p>	<p>6 visits 8.5 hours vs 36 clinics 385 hrs clinic 4582 clients 3451 flu vac seasonal 1093 H1N1 156 pneu vac 132 pneu vac ARRA 141 tetanus vac 219.25 hours office 8 hours mtng</p>

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65 years old who do not have Medicare paid the following fees: Flu vaccine-\$15 Pneumococcal vaccine-\$35 Tetanus vaccine-\$20				
<p><b>Tdap Clinic ARRA funded</b></p> <p>ARRA funds were available in 2010 and the State purchased vaccines. PHN applied for free vaccine from the State and were recipients of same. PHN was able to administer free vaccine to the public. Tdap was targeted to people who work in child care centers and are in frequent contact with children under a year old.</p>	<p>Tdap ARRA clinics: 15 Field hours for Tdap ARRA clinics: 24 Office hours for Tdap ARRA clinics: 6 Total number of clients at clinics: 99 Child care centers visited: 15</p> <p style="text-align: center;"><b>NEW PROGRAM FOR 2010</b></p>	None in 2008	None in 2009	<p>Tdap ARRA clinics: 15 Field hours for Tdap ARRA clinics: 24 Office hours for Tdap ARRA clinics: 6 Total number of clients at clinics: 99 Child care centers visited: 15</p>
<p><b>Child Health Conference (CHC)</b></p> <p>Monthly clinics for children 0-5 years old for routine well-child care, screenings, physical examinations, immunizations, and parent</p>	<p>CHC clinics: 11 Field hours for CHC clinics: 198 hours Number of clients seen (duplicated): 223 Office hours for CHC clinics (prep and follow up, referrals, etc.): 554 New intake office visits: 28 Office hours (clerk) for new intakes: 18</p>	<p>12 clinics 133 clinic hrs 107 clients 165 hrs office</p>	<p>11 clinics 198 clinic hours 223 clients 554 hours office (includes preparing Hopatcong site re cleaning, getting rid of old material and</p>	<p>10 clinics 177.25 clinic hours 123 clients 505 hours office (includes preparing Hopatcong site re cleaning, follow up after clinic,</p>

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<p>education. School aged children seen at the clinic for immunizations if deficient in same for school attendance. No fee</p> <p>Clinics held in Frankford at the Sussex County Health Center until July 2009. In July 2009, clinics moved to Hopatcong.</p>			<p>equipment, etc)*</p> <p>28 new 18 hours intake</p> <p>89 HIN1 given at CHC to children not enrolled in CHC</p> <p>*increase in clinic hours due largely to travel required to off-site clinic; additional flu shots given to children not enrolled in CHC</p>	<p>referrals, etc)*</p> <p>21 new 10.75 hours intake</p> <p>*includes travel to and from off-site clinic in Hopatcong for nurses and clerk</p>
<p><b>Health/Check Adult Health Clinic</b></p> <p>Clinic held twice a month for adults to walk in for nurse consultation and BP screening (no fee); by appointment for first responder Hepatitis B vaccines, other adult vaccines (fee charged).</p> <p>Clinics held in Frankford at the Sussex County Health Center until July</p>	<p>Health/Check clinics: 25 Field hours for Health/Check clinics: 92.5 Number of clients seen (duplicated): 134 Office hours for Health/Check clinics (prep and follow up, referrals, etc.): 103</p> <p>Number of Hepatitis B vaccines administered: 78 Number of Flu vaccines administered: 27 Number of Pneumococcal vaccines administered: 1 Number of Tetanus vaccines (Td) administered: 12 Number of Tdap vaccines administered: 24 Number of HPV (Human Papillovirus) vaccines administered: 4 Number of MMR vaccines administered: 12 Number of Menactra (meningococcal) vaccines</p>	<p>27 clinics 67 clinic hours 168 clients</p> <p>55 hrs office</p>	<p>24 clinics 125 clinic hours 218 clients</p> <p>78.25 hrs office</p> <p>168 Hep B vac 32 flu vac 6 pneu vac 12 tetanus vac</p>	<p>25 clinics 92.5 clinic hours 134 clients</p> <p>103 hrs office</p> <p>78 Hep B vac 27 flu vac 1 pneu vac 12 tetanus vac (Td) 24 Tdap vac 4 HPV vac 12 MMR vac 24 Menactra vac 13 BP</p>

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<p>2009. In July 2009, clinics moved to Hopatcong (1 per month) and one remained in Frankford. Finally, due to loss of Frankford facility, all clinics moved to Hopatcong. Many people objected going to Hopatcong, especially volunteer firefighters who took off time from work to come for Hepatitis B vaccines. During 2010, some HealthCheck clinics were moved to Newton, to the Administration Building to accommodate these clients.</p>	<p>administered: 24 Number BP monitored: 13</p>		<p>*increase in clinic hours due largely to travel required to off-site clinic</p>	<p>*includes travel required to off-site clinic in Hopatcong</p>
<p><b>Women's Health Screening</b></p> <p>Screening exam, breast exam, thin prep PAP. Referral for mammogram. Education about various topics. No fee if NJCEED eligible, otherwise there is a small fee.</p> <p>Two clinics held at New Perspectives Health Care in Sparta, one clinic in</p>	<p>Women's Health Screening clinics: 3 Field hours for Women's Health Screening: 34.5* Number of clients seen: 44 NJCEED eligible clients: 22 Office hours for Women's Health Screening: 87 Positive finding needing follow up treatment: 1</p> <p>* Field hours decreased in 2010 because we were able to hold the clinics at New Perspectives HealthCare. It requires very little set up time and we are able to store supplies there on site. Having a ready site with supplies significantly cut down on clinic hours.</p>	<p>2 clinics 19 clinic hours 40 clients</p> <p>44 office hours</p>	<p>3 clinics 67 clinic hours 43 clients 6 NJCEED 48 office hours 1 positive</p>	<p>3 clinics 34.5 clinic hours 44 clients 22 NJCEED 87 office hours 1 positive</p>

8

Hopatcong				
<b>Mens' Health Screening</b>  Screening exam, prostate exam, PSA blood test. Education about various topics. No fee if NJCEED eligible, otherwise there is a small fee.  One clinic held at St. Clare's in Sussex, one clinic in Sparta, one clinic in Hopatcong	Men's Health Screening clinics: 3 Field hours for Men's Health Screening: 37.5 Number of clients seen: 48 NJCEED eligible clients: 9 Office hours for Men's Health Screening: 77 Meetings for Men's Health Screening: 1 Abnormal finding needing follow up treatment: 4	2 clinics 19 clinic hours 62 clients  34 office hours	3 clinics 48.5 clinic hrs 52 clients 7 NJCEED 36 office hours  1 abnormal  *increased clinic hours due to travel off site	3 clinics 37.5 clinic hours 48 clients 9 NJCEED 77 office hours 1 meeting 4 abnormal  *increased clinic hours due to travel off site
<b>Skin Cancer Screening</b>  Screening whole body exam. Education about various topics. Dermascan available at clinic for clients to see sun damage to skin. No fee.  Two clinics held in Newton and one is Sparta	Skin Cancer Screening clinics: 3 Field hours for Skin Cancer Screening: 37 Number of clients seen: 105* Office hours for Skin Cancer Screening: 71.5 Positive finding needing follow up treatment: 80  *By adding an additional clinic, we were able to double the number of residents previously screened. This is a very popular program and we fill this clinic to capacity very quickly.  Increased office time due to rewriting policy/procedure for skin cancer screening, and t/c to clients after clinic re reinforce need to be seen by medical practitioner.	1 clinic 11 clinic hrs 20 clients 13 office hours	2 clinics 31.5 clinic hrs 49 clients 21.5 office hrs 11 positive	3 clinics 37 clinic hrs 105 clients 71.5 office hrs Abnormal 80: --1 presumptive melanoma --28 presumptive squamous/basal cell --51 other
<b>Oral Cancer Screening</b>  Screening by dentist for oral cancer. Education	Oral Cancer Screening clinics: 2 Field hours for Oral Cancer Screening: 5.5 Number of clients seen: 31 Office hours for Oral Cancer Screening: 30	1 clinic 8 clinic hours 6 clients 18 office hrs	1 clinic 4 clinic hrs 11 clients 9.5 office hrs	2 clinics 5.5 clinic hrs 31 clients 30 office hrs

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about various topics related to oral cancer. No fee.  One screening held in Franklin	Positive finding needing follow up treatment: 2		1 positive	2 positive
<b>Bone Density Screening</b>  Noninvasive screening to determine if at risk for osteoporosis. Fee charged  Two screenings, one in Frankford and one in Hopatcong	Bone Density Screening clinics: 2 Field hours for Bone Density Screening: 11.5 Number of clients seen: 33 Office hours for Bone Density Screening: 37 Positive finding needing follow up: 0  <b>NEW PROGRAM FOR 2010</b>	None in 2008	None in 2009	2 clinics 11.5 clinic hrs 33 clients 37 office hrs
<b>Chem 18/Hemogram/Lipid Profile Screening</b>  Multi body organ screening via blood test. Education about various topics available. Fee charged.  Screenings held in Wantage, Frankford, and Vernon, Hopatcong, Fredon  Most positive findings were for elevated cholesterol and elevated glucose levels.	Chem 18 Screening clinics: 5 Field hours for Chem 18 Screening: 31.5 Number of clients seen: 211 Office hours for Chem 18 Screening: 89  Abnormal finding referred for follow up: 209 <ul style="list-style-type: none"> <li>Acute findings referred for follow up: 3</li> <li>Diabetes abnormal findings referred for follow up: 29</li> <li>Cholesterol abnormal findings referred for follow up: 146</li> <li>Other abnormal findings-31</li> </ul>	2 clinics 36 clinic hrs 206 clients 94 office hours	4 clinics 32.5 clinic hrs 187 clients 67 office hours  164 abnormalities 0 acute referral	5 clinics 31.5 clinic hrs 211 clients 89 office hours  209 abnormalities 3 acute referrals 29 glucose referrals 146 chole

10

<b>All Hazards Emergency Preparedness Program</b> Team Nurse	<i>This data is reported in the Emergency Preparedness Team yearly report</i>			
<b>All Hazards Emergency Preparedness Program</b> Other PHN Staff  <b>Nurses assisted with planning, staffing and evaluation of the one H1N1 clinic held in the fall of 2010. They performed in leadership roles at the clinics and as vaccinators, screeners, and nursing educators. The Public Health Nursing clerk supervised appointment staff (Project Self Sufficiency) and worked at the clinic in data entry.</b>	Office hours for Emergency Preparedness: 8 Hours of meetings for Emergency Preparedness: 6 Hours of Emergency Preparedness training received: 25 Number of H1N1 clinics: 1 Hours of H1N1 clinics: 53.5  <i>H1N1 clinics and hours for same included under "Flu Clinic" section of report</i>	54 office hours       1 exercise 30 hrs field exercise	24 office hours  38 hours meetings  46.5 hrs training received  12 hrs training given 4 clinics H1N1 261.5 H1N1 clinic hrs.	8 office hours  6 hrs meetings  25 hrs training received   1 clinics H1N1 53.5 H1N1 clinic hrs.
<b>Sussex County Cancer Coalition Grant Program</b> Cancer Coalition Nurse  Cancer Coalition is a grant-based program focusing on increasing cancer education and increasing cancer screening (early detection) participation. A	Office hours for Cancer Coalition: 578 Hours of meetings for Cancer Coalition: 60 meetings @131 hours <ul style="list-style-type: none"><li>Cancer Coalition Quarterly Meetings (County)</li><li>Cancer Coalition Work Group Meetings (breast, lung, skin, prostate)</li><li>Cancer Coalition Quarterly Meetings (State)</li><li>NJCEED Quarterly Meetings</li><li>SCREEN Meetings</li></ul>	514 office hrs  118 mting hrs	394 office hours  114 meeting hrs	578 office hours  60 meetings @ 131 hours

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professional quarterly newsletter is produced and distributed widely throughout the County.	<ul style="list-style-type: none"><li>Relay for Life Meetings</li></ul> Hours of training received: 10 trainings received @ 21.5 hours  Hours of training given: 4 trainings given @ 18.5 hours (80 clients) # Cancer Coalition events: 23 Field hours for Cancer Coalition events: 85	13 Town Day events attended @ 67 hours	33 hours  26.5 hours	10 trainings received @ 21.5 hrs hours 4 trainings given @ 18.5 hours (80 clients) 23 events @ 85 field hours (3535 clients)
<b>Sussex County Cancer Coalition Grant Program</b> Other PHN Staff	Office hours for Cancer Coalition: 190.25 Hours of meeting for Cancer Coalition: 86.25 <ul style="list-style-type: none"><li>Cancer Coalition Quarterly Meetings (County)</li><li>Cancer Coalition Work Group Meetings (breast, lung, skin, prostate)</li><li>NJCEED Quarterly Meetings</li></ul> Hours of training received: 14 hrs (2 trainings)  Cancer Coalition events participated in: 3 events @ 4.5 hours	98 office hours 8 meetings @ 50 hours 13 trainings given @ 30 hrs 1 Town Day @ 7 hours	40 office hours 51 meeting hrs   1 hour	190.25 office hours 25 meetings @ 86.25 hours   2 trainings received @ 14 hours 3 events @ 4.5 hrs
<b>Medication Management Grant Program</b>  Medication Management is a grant-based program. The nursing education portion of the program is subcontracted to Public Health Nursing by Senior Services, holder of the grant. The Public Health	Office hours preparation for Medication Management (MM) program: 20 Number of MM programs given: 5  Number of field hours for MM program: 12 Number of clients attending programs: 226 Office hours for MM program: 129.5	140 hrs office 10 programs  31 field hrs 505 clients	20 hours office 5 programs  12 field hours 226 clients  *due to H1N1 clinics, programs were delayed until	hours office 19 programs in 14 municipalities 46 field hours 630 clients 129.5 office hours

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Nurse Educator provides education to seniors at senior sites. <b>2010 topic was Vitamin D, a current hot topic in the news media.</b> Most people do not understand the fact from fiction regarding vitamin D, and this education program sorts that out for seniors.			January 2010 and will be reflected on that year's report	
<b>Health Education/Training Given</b>	Number of training events: 44 Hours of training events: 113.5 Number of clients who attended trainings: 914 Office hours for health education: 448.5 Hours of meetings for health education: 8 <ul style="list-style-type: none"> <li>Includes: <i>Poisoning Prevention, Bone Density, Melanoma and Tanning Beds, Cholesterol, Oral Cancer, Childhood Asthma, Project Healthy Living, Metabolic Syndrome, STD Education, Rabies Prevention, Nutrition for Children, Safety Outdoors, A Matter of Balance, Bloodborne Pathogens, Human Papilloma Virus, Shaken Baby Syndrome, Handwashing and Diapering, Healthy Sexuality in Seniors, Vaccines for Children, The Game of Life.</i></li> </ul>	14 trainings 79 hours 932 clients office hrs. n/a mting hrs. n/a	44 trainings 113.5 hours 914 clients 448.5 office hrs. 8 hrs. meetings	54 trainings 158.25 hours 1158 clients 753 office hrs. 6 meetings @ 18.5 hours
<b>Health Education/Training Received</b>	Number of training events: 45 Hours of training events: 336 <ul style="list-style-type: none"> <li>Includes: <i>Managing Change in Public Health, Menveo Vaccine, Cultural Competency in Diabetes, Combating Obesity with Nutrition and Activity, NJIIS</i></li> </ul>	12 events 145 hours	46 events 265.5 hours	45 events 336 hours

	<i>IMOD Training, Management of TB Patients, Lead and Beyond: 2010 Lead Conference, Fundamentals of Diabetes, Protecting our Food Supply, Vaccine Preventable Diseases, CDC Immunization Update, Hepatitis A Outbreak, Infection Control, Respiratory Protection Training, Pharmajet Training, CPR Training, Pharmaceuticals in Our Water, Field Epidemiology, NJ Medical Marijuana, AAP New Guidelines for Management of Iron Deficiency Anemia, Use of Molecular Based Testing in TB.</i>			
<b>Public Service Events</b>	Farm and Horse Show Booth (nurse in attendance part of the day): <ul style="list-style-type: none"> <li>Hours at Farm and Horse Show booth: 9</li> <li>Senior Day at Farm and Horse Show: 18.5 hours/300 clients</li> <li>Children's Day at Farm and Horse Show: 16 hours/250 clients</li> </ul> Hours for other Public Service Events: 6.5 Office prep for Public Service Events: 66 hours	18 field hours   76 hrs. other events	20 field hours   38 hrs other events	20 field hours 18.5 field hours (300 clients) 16 field hours (250 clients)  6.5 hrs other events 66 hours office prep
<b>Meetings/Networking not listed elsewhere in report</b>	Includes: <i>Interagency meetings within county, Senior Advisory Board meetings, PHN staff meetings, SC Newsletter meetings, Greater Passaic Valley Public Health Nursing meetings, Senior Presidents' Club meetings, CFPC Coalition Steering Committee meetings, and other meetings with local involvements: 370.25 hours</i>	453 mting hrs	380 meeting hrs	370.25 meeting hrs
<b>Other Activity</b>	Includes Motor Pool/Car maintenance, check	178 hours	24 hours	211.25 hours

	emergency box, getting supplies at Homestead storage. Medical waste: 211.25 hours	includes going back and forth to Homestead to check refrigerator temps and to get supplies		
<b>Clerical Support</b>	Clerical hours: 1547.75	n/a for 2008	1499 hours Includes going to Homestead 2x day to check temps in vaccine refrigerator/freezer	1547.75 hours
<b>Administration</b> Director of Public Health Nursing administrative office time, meetings, etc.	Number of administrative hours: 1381.5	n/a for 2008	1939 hours	1381.5 hours

**Narrative:**

New programs for 2010 were ARRA-funded Immunization Clinics, Bone Density Screening clinics, and Employee Health program.

**ARRA-funded Immunization Clinics**

*Public Health Nursing applied for and was accepted as a recipient of ARRA (American Recovery and Reinvestment Act of 2009) funded vaccine in 2010. We were able to obtain pneumococcal vaccine (Pneumovac), Tdap vaccine, and human papillomavirus vaccine (Gardasil). The agreement upon receiving this vaccine was that it would be distributed without cost to clients. The Pneumovac vaccine was administered to people under 65 years old at the seasonal flu clinics. Normally, those people would have had to pay for the vaccines. Tdap vaccine was administered to employees in child care centers; a nurse went to 15 individual child care centers with vaccine. Gardasil clinics were set up at Sussex County Community College in collaboration with the Allied Health Department of the college. In 2011 we will focus on administering Gardasil to students in high schools and middle schools.*

**Bone Density Screening Clinics**

*In response to residents' requests for bone density screening, PHN offered 2 screenings in 2010, one in Hopatcong and one in Frankford. This was a heel screening. The fee for screening was \$10, the same as the fee charged per screening by St. Clare's to do the screening. A total of 33 clients were screened and none were found at risk for osteoporosis. In 2011 we will reduce this to one screening because of reduced staff and resources.*

**Employee Health Program (data gathering pilot)**

Sussex County employees come to Public Health Nursing for guidance with various issues, to have their blood pressures checked, for consultation on various health issues, etc. We recognized that this occurs regularly and started tracking the time spent and the employee requests. At the end of 2010, the data was reviewed and the decision was made to expand the Employee Health Program. The plan includes health education, as short educational sessions and educational info in the lobbies of all three floors of the Administration Building. In addition, there will be advertised blood pressure screening clinics, with notification of all employees included in paycheck envelopes.

Ellen Phelps, MSN APN-BC  
Director, Sussex County Office of Public Health Nursing  
April 14, 2010

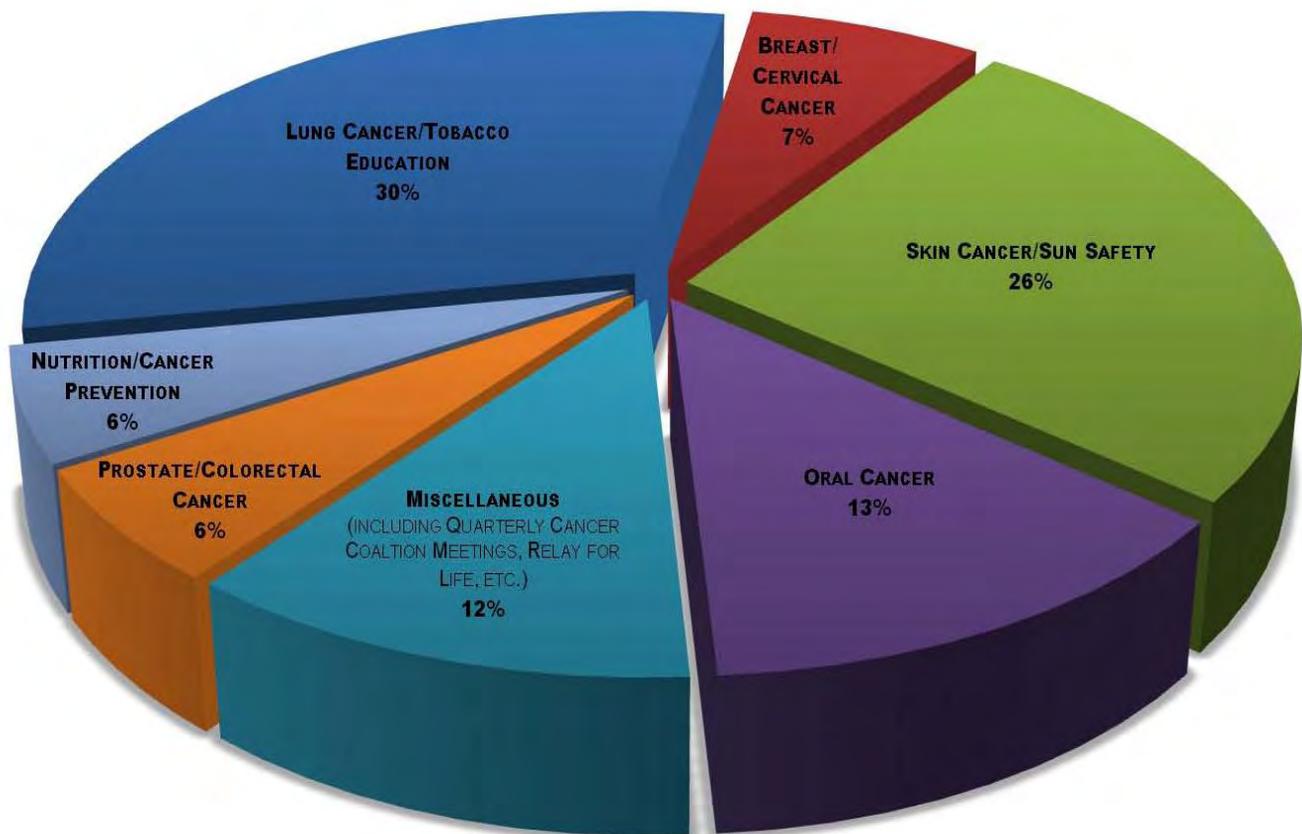
# Sussex County Cancer Coalition



The *Sussex County Cancer Coalition's* Mission Statement is to utilize a diverse partnership of community members and resource agencies working collaboratively to encourage cancer prevention behaviors and increase early cancer detection in Sussex County residents. The Coalition's focus, through public education, is to intensify awareness and reduce the morbidity/mortality rates of cancer disease in the county.

"The *Sussex County Cancer Coalition* is made possible by a grant from the New Jersey Department of Health and Senior Services' Office of Cancer Control and Prevention. The mission of the Sussex County Cancer Coalition is to implement the *New Jersey Comprehensive Cancer Control Plan* in Sussex County. For more information on Comprehensive Cancer Control Plan in New Jersey, please visit: [www.njcancer.gov](http://www.njcancer.gov)."

The Sussex County Cancer Coalition is composed of many local and national community organizations that are assisting in the fight to decrease the cancer diagnosis and mortality rate in Sussex County.



## Cancer Coalition Monthly Activities

### January 2010

- January 25-Attended the Choose Your Cover meeting
- January 29 attended the Oral Cancer Multi-County Meeting

### February 2010

- February 16, 2010 - Held first Newsletter Committee Meeting- no members attended
- February 11, 2010 - Met with the Sussex County Partnership Coordinator to discuss the Healthy Counties Report and the impact it has in relationship to the Sussex County Cancer Coalition
- February 18, 2010 - **Lung Cancer Workgroup meeting for the “Hands of Hope” project**
- February 19, 2010 – First meeting for the Greater Sussex County Relay for Life, sponsored by the American Cancer Society. Two teams created for the overnight event to be held May 23-23, 2010

### March 2010

- March 3, 2010- Attended the Project Self Sufficiency Mini-Wellness Fair. Hands of Hope well received. 40 attended and participated in our project. Tobacco prevention information distributed, including QuitNet and QuitLine information
- March 15-24. Hands of Hope at Pope John XXIII Regional High School
- March 15-24 Hands of Hope at Newton High School
- March 22-26- Hands of Hope at Saint **Clare’s Hospital**
- March 26-Hands of Hope presented through the Sussex County R.E.B.E.L. Group at the Battle of the Bands High School event
- March 15-present- Newton Memorial Hospital-Hands of Hope
- March 4, 2010 - Met with a community dentist to discuss and plan a county wide oral cancer screening event
- March 8, 2010 - **Contact made with Dr. Ephros, DMD, MD at Saint Joseph’s Regional Medical Center** to provide an update on oral cancer screening techniques for participating dentists at the Tri-County Dental Association. Awaiting approval of the program from the Tri-County Dental Association
- March 14, 2010- Lung Cancer Workgroup meeting held for the Hands of Hope project. Program welcomed in many area schools and teen events over the coming months
- March 22, 2010 – Meeting with the Tri-County Dental Association to discuss plans for a county wide oral cancer screening event



## April 2010

- April 8, 2010- Public Health Nursing provided a free skin cancer screening. Education on tanning presented with free sun screen available. 34 attended. 2 basal cell cancers identified.
- April 9, 2010- Hands of Hope to be presented at the Sussex County Senior Presidents Club Meeting.
  - 10 Senior Groups participated in the program-342 hands were collected.



- April 14, 2010-Oral Cancer Screening held. 13 attended - 2 sent for referral.
- April 15, 2010-Presented Sun Safety relating to the dangers of tanning salons at the Sussex County Community College Health Fair. Sun Screen and UV bracelets were distributed to the 9 attendees.
- April 16, 2010- Hands of Hope presented at the Wantage Middle School.
- **April 17, 2010 Attended the YMCA Healthy Kid's Day Event**-200 Hands of Hope were collected from families-Parents completed the questionnaires.
- April 21, 2010 Prostate Screening held by Public Health Nursing. 19 attended-3 NJ CEED-3 referrals for elevated PSA.
- April 22, 2010- Presented Sun Safety program at the Sparta Middle School Wellness Fair- 1,000 children and teachers attended. Sun screen was distributed.
- April 22, 2010- Presented Hands of Hope at the Sparta Middle School Wellness Fair- 1,000 children and teachers attended.
- April 27 – Quarterly Sussex County Cancer Coalition Meeting held.
- Month of April-Hands of Hope presented at Sparta Middle School-191 participated in the event.

## May 2010

- May 6, 2010- Skin Cancer Screening held- 33 attended- 1 basal cell cancer identified.
- May 7, 2010 -Hands of Hope presented at Senior Day at Selective. 25 attendees participated.
- May 12, 2010- Presented Sun Safety at the Hamburg School Health Fair. 75 attendees were given sun screen, coloring books and sun safe literature.
- May 12, 2010- Hands of Hope presented at the Hamburg School Health Fair. 75 attendees were given tobacco free bracelets, and literature.
- May 16, 2010- a Sussex County team participated in the Oral Cancer Walk sponsored by the Oral Cancer Coalition.
- May 22, 2010-Attended the YMCA Senior Wellness Fair. Sun Safety discussed including ultraviolet dangers and the need for skin cancer screening. Derma Scan was available for viewing.
- May 22-23, 2010 Sussex County team participated in an overnight event for the American Cancer Society. \$61,000 was raised from this event. Our team had 20

participants. A bake sale was held for additional funding. A Sun safe Lap was sponsored by the coalition and 30 SPF sunscreen and SPF 15 lip balm was distributed during the ½ hour lap.



- May 23, 2010 Sun Safety was presented at the annual Sparta Mountain Day. 75 attendees learned about the dangers of ultraviolet radiation and the choices we have to protect ourselves.
- SCREEN Orientation program visits:
  - May 25, 2010 Stanhope Elementary School
  - May 25, 2010 Florence M. Burd School
  - May 25, 2010 Hamburg School
  - May 25, 2010 P.A.L. After School Program
- May 26, 2010-Freeholder Proclamation for World Tobacco Day.
- Month of May-Hands of Hope presented in Hospital Lobby-121 obtained.

#### June 2010

- SCREEN program orientation visits:
  - June 1, 2010-Green Hills School
  - June 12, 2010-Newton Pool
  - June 29, 2010-P.A.L. Vernon Summer Fun Program-Day Camp
- June 3, 2010-Hands of Hope Display for World Tobacco Day held at the Newton Green. All 1,500 Sussex County hands were displayed during rush hour. 400 tobacco free bracelets were distributed. Senator Oroho, Congresswoman McHose, Congressman Chiursano, and the Sussex County Freeholders were invited to the event.
- June 22, 2010-Come and Get the Facts-Breast & Prostate screening program. Two area physicians and one healthcare provider presented information on breast and prostate screening guidelines and Sussex County cancer statistics. 18 healthcare workers attended the program. Nursing CEU were provides. Program evaluation is in progress.

#### July 2010

- July 15, 2010-Quarterly Sussex County Cancer Coalition Meeting
- **Collaborating with the YMCA on a plan for a Sussex County “Walkabout” event.**
- July 17, 2010-Choose Your Cover Skin Cancer Screening event held at the Swartwood State Park. Free skin cancer screenings and education provided. SPF 30 sunscreen, SPF 15 lip balm and UV index cards provided to all participating adults. These articles were distributed in a waterproof hanging container. All children that were screened received a UV bracelet.



- July 27, 2010- Sun Safety for the Friends of Lake Neepaulin. Presented a PowerPoint on sun safety and cancer. All participants received SPF 30 sunscreen, SPF 15 lip balm and UV index cards. These articles were distributed in a waterproof hanging container.

#### August 2010

- August 10, 2010-Sussex County State Fair, **Children's Day event**-The Bare Necessities of Life-(Jungle Book theme) Healthy Eating and Physical Activity to decrease cancer risk. Dice game with physical activity and

numbers of repetitions of that activity. Children rolled the dice and performed the rolled activity for the number of times as stated on the dice. Nutritional information provided. Prizes of jump ropes, frisbees, bubbles, etc provided. 6oz. water bottles and **bracelets "Be Brite Eat Right" given to all participants.**

- August 12, 2010- Sussex County State Fair, Senior Day event- Welcome to the Commissary-(USO theme) Healthy Eating stats with shopping right. Reading food labels was the focus of the education. Display of products to compare value present for discussion. Fat tubes and fat models present for visual education. Shopping bags and water bottles distributed.
- August 12, 2010-Oral Cancer Screening held at the Sussex County Fair. Risks of Tobacco displayed. Oral cancer DVD played. Pre and post evaluations were performed. All participants received a toothbrush and dental floss.
- August 15, 2010- Sussex County Skyhawks Baseball game hosted the Sussex County Alliance/ Drug Addiction Prevention Health Fair. The Cancer Coalition presented the effects of Tobacco on the game of Baseball. Presented famous players that suffered oral and throat cancer from tobacco. Pictures of oral cancer displayed. Mr. Grossmouth was **used as a teaching aid. Quit information available for patrons interested. "Too Brite to Smoke" glow in the dark bracelets were distributed to every child and adult.**

#### September 2010

- September 15, 2010-**Men's Cancer** Screening-Educational packets for distribution provided by the Sussex County Cancer Coalition. Prostate Cancer and Colorectal cancer information was included.
- September 19, 2010- Sussex County Walk About-Walking Program through the Sussex County Department of Environmental and Public Health Services, YMCA and Sussex County Cancer Coalition. Kickoff event provided tee-shirts and pedometers to participants. Attempting to provide monthly activities to participants with different forms of physical activities at each event. Sun safe education provide by the coalition with SPF 30 sunscreen and SPF 15 lip balm distributed for



safety.

- September 22, 2010-**Women's Cancer Screening**- Educational packets for distribution provided by the Sussex County Cancer Coalition. Cervical cancer and breast health information was included.
- **Women's Tea**- Women and Cancer. Three speakers to include the reasons why screenings are needed for early detection. The benefits of tea for health and cancer were planned. Breast and cervical and colorectal cancers were to be addressed. Finger sandwiches, tea, and desserts were planned. Program cancelled due to lack of participants.
- September 17, 2010- Sneakers @ Work Day-Prostate Cancer Awareness event at the county offices. Prostate cancer board displayed in lobby from 9/13-9/17. Blue shoelaces offered for the Friday event.
- **Planning "Tie a Ribbon" program for Breast Cancer Awareness in Sussex County.**

October 2010

- October 7, 2010 Tobacco Cessation Education/Lung Cancer Education/CO2 monitoring held at Project Self- Sufficiency. A table presentation was held to discuss with participants the dangers of smoking to self and to family members through second hand smoke. CO2 monitoring demonstrated the time that the harmful cigarette ingredients remains in your lungs to emphasize its potential danger. **Tobacco Free America** bracelets were distributed as incentives. Smoking cessation information was distributed.
- October 7, 2010 Oral cancer screening and education program was held. Oral cancer screenings were performed by a volunteer community dentist. All **uninsured/underinsured participants were referred to Saint Joseph" Regional Health Center, Dr. Hillel Ephros.** The new oral cancer video was used as a teaching tool and a pre and post test accompanied the program. Graduate students for the University of East Stroudsburg assisted with the education component. Mr. Gross Mouth was used as teaching tool. Oral hygiene supplies were used as incentives for participation. Smoking cessation information was available.
- **October 16, 2010 Skin Cancer Prevention Education "Sun Safety for All Seasons"** was held and /Derma Scan viewing was available for those interested. This event was held at the Senior Services Healthy Living Festival. The importance of minimizing ultraviolet ray exposure did not end with the summer, was the message to be learned. Sunscreen was distributed.
- **Oct 23, 2010 "The Nutrition and You" program** demonstrated the importance of healthy eating to reduce cancer risk was held at the **Lowe's** Fall Festival. A display a healthy fruits and vegetables and **5 each day** information were presented. **The Nutrition Rainbow** flyer and **Nutrition for Kids** from the Cancer Project were distributed to participant. The correlation between nutrition and cancer prevention was the basis for the program.
- **October 2010 Project "Tie a Ribbon" was a** month long county wide project incorporating the community members to place and remove ribbons for Breast Cancer Awareness within



each of the twenty-four municipalities. Educational materials were placed in county libraries with take home materials on breast health and mammography options for the uninsured.

#### November 2010

- November 18, 2010 Tobacco Jeopardy held at the Sussex County Community College in observation for The Great American Smoke Out. The event was held in the college cafeteria during lunch periods. Over one hundred SCCC students and faculty participated in the Tobacco Jeopardy event. Prizes of candy and bracelets, which stated **"I'm Tobacco Free ☺"**, and tobacco related information were given to all. Students were enthusiastic to learn the dangers of tobacco products, along with information related to the ever changing tobacco laws. The Tobacco Jeopardy program required students to answer questions related to tobacco in a variety of areas including environment, statistics, health effects, trends and law.

#### December 2010

- **December 6, 2010 Presented an education program "Nutrition, Cancer, & You" to the residents at the Franklin Housing complex.**
  - The primary focus of this program was to educate the audience on the correlation between cancer prevention and proper nutrition. The program began with an overview of cancer and the risks associated with the lack of proper diet and exercise.
  - Next, the latest research guidelines for prevention were reviewed with participants, followed by an explanation on how the foods we consume can act as promoters or inhibitors in cancer development. The subject matter discussed during the program concentrated on the importance of maintaining a healthy weight throughout life, adopting a physically active lifestyle, eating a healthy diet, and limiting the intake of alcoholic beverages.
  - The remainder of the program provided instruction on how to properly read a food label and a demonstration on portion control. The participants practiced hands-on label comparisons to gain a clearer understanding on how to make healthier food choices in order to reduce their risk of developing cancer. Basic tips on shopping and eating out were also integrated into the program.
- December 20, 2011 Attended the New Jersey Oral Cancer Coalition Planning Committee Meeting in Passaic. Planning for a statewide oral cancer screening in April 2011 for Oral Cancer Awareness month. Notified that grant money would be available for advertising purposes. Professional education programs were discussed. Assistance from Delta Dental and New Jersey Dental Association will be provided in this project.

# Emergency Preparedness Program

The [Public Health Emergency Preparedness Team](#) is committed to enhancing the County's preparedness and response to public health emergencies. The program is funded by the federal government through the *Local Core Capacity for Public Health Emergency Preparedness* and performs various preparedness activities in accordance with federal and state requirements. Those activities include communications, planning, and surveillance in preparation for response to public health emergencies.

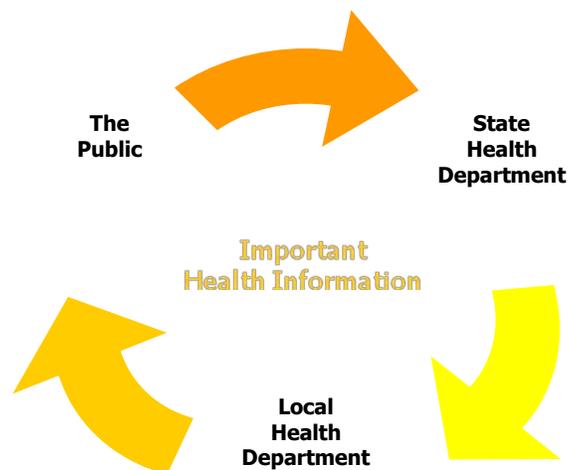
The Sussex County Public Health Emergency Preparedness Program is a part of the **NJ Local Information Network Communications Systems (LINCS)**, a system of public health professionals and electronic public health information that enhances the identification and containment of diseases and hazardous conditions that threaten the public's health. Built on personal computer and Internet technologies, LINCS is a network of 21 strategically positioned local health departments located throughout the state, the New Jersey Department of Health and Senior Services, all other local health departments and public/private organizations working at the community level to protect the public's health.

The Sussex LINCS Agency Site works in collaboration with other agencies to become increasingly equipped to respond in the event a terrorist attack should occur, and to prepare for bioterrorism, outbreaks of infectious disease and other public health emergencies.

The team is comprised of six members including the Epidemiologist, Public Health Emergency Notification Systems (PHENS) Coordinator, Medical Reserve Corps (MRC) Coordinator, the Health Educator/Risk Communicator, LINCS Public Health Nurse, the Partnership Coordinator, and the LINCS Information Technology Specialist. Each member of the program has a specialized position and area of responsibility regarding preparedness efforts.

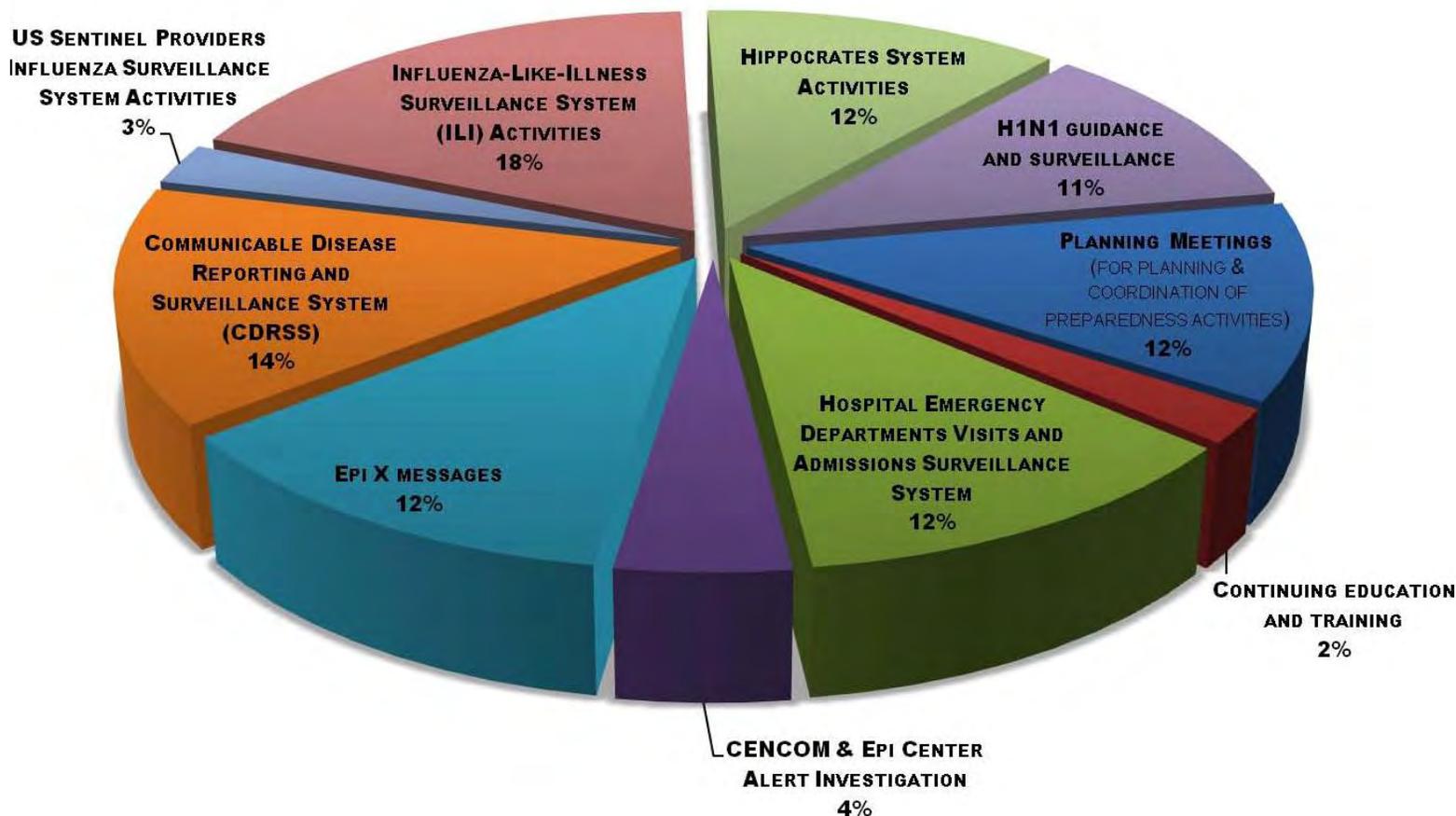


The charts below represent the percentage of hours each member of the Emergency Preparedness team spent on the specified area of their position in 2010.



## Epidemiology

- ✓ Epidemiology is the study of the distribution and determinants of disease and/or injuries in a population.
- ✓ Responsible for developing enhancing and maintaining 24/7 surveillance, detection and epidemiologic investigative response to potential bioterrorism incidents, other infectious disease outbreaks and other public health threats and emergencies.
- ✓ Responsible to build relationships and communicate with our public health partners in the County and neighboring regions to assist in disease tracking/trending, outbreak control, epidemic response plans, policy development, process analysis, and review of emergency preparedness response plans and programs.
- ✓ Member of the Domestic Preparedness Task Force and will form other task forces to combat emergent diseases with epidemic potential such as Influenza, West Nile Virus, Anthrax, Smallpox, SARS and other public health threats & emergencies.



## **2010 Year End Report Regional Epidemiologist**

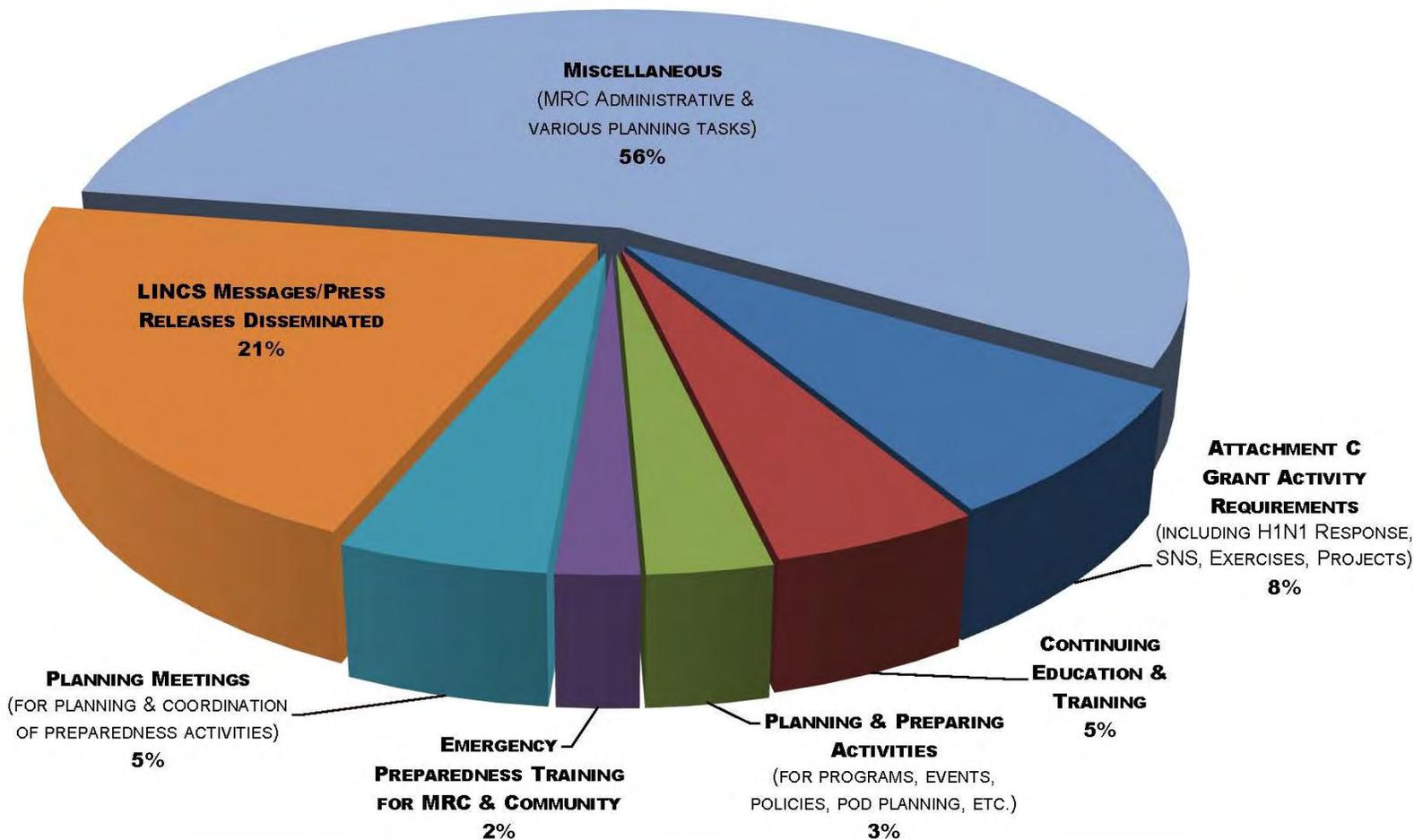


- Completed 246 hours of receiving, processing, investigating, and analyzing Newton Memorial Hospital **and Saint Clare's Hospital Emergency Departments** Visits and Admissions Surveillance System.
- Completed 250 hours of investigating and monitoring Emergency Departments visits and admissions using the Hippocrates System.
- Completed 380 hours of enhancing, receiving, submitting and analyzing Influenza-Like-Illness Surveillance System (ILI)
- Completed 200 hours assisting schools, hospitals, long term care facilities, health care providers, laboratories and businesses with information on H1N1 guidance and surveillance.
- Completed 300 of monitoring the Communicable Disease Reporting and Surveillance System (CDRSS).
- Completed 25 hours working on Weekly H1N1 school surveillance.
- Investigated 77 CENCOM alerts.
- Investigated 13 Epi Center Alerts.
- Completed 50 hours of enhancing The US Sentinel Providers Influenza Surveillance System.
- 3 physicians are recruited to join The US Sentinel Providers Influenza Surveillance System.
- Completed 250 hours on Epi X messages.
- Investigated 9 Communicable Diseases Outbreaks.
- Participated in all communication exercises statewide and countywide.
- Participated in 3 Epi X communication exercises.
- .Attended all State Epidemiologist Meetings & conference calls.
- Attended 8 Local Epidemiologist Meetings.
- Attended 6 Task Force Meetings.
- Attended 2 full-days trainings.
- Attended 1 Sussex County School Nurses Association meeting.
- Attended 4 conference calls by COCA (CDC/ Clinician Outreach & Communication Activity) on different communicable diseases topics.
- Work phone extension 1220 is forwarded to my cell phone after hours and on weekends starting on 04/27/2009.

## Public Health Emergency Notification System (PHENS) Medical Reserve Corps (MRC)

- ✓ Works to establish, expand and ensure effective communications among public health professionals, healthcare organizations, law enforcement agencies, clinicians, school officials, public officials, emergency responders and businesses through the development of the Community Health Alert and Information Network (CHAIN).
- ✓ Works to strengthen information access among local and community partners; assuring rapid notification of public health events or information that may impact the health of the community.
- ✓ Is trained in the use of communication technology and can receive and transmit information to the CHAIN 24 hours per day, 7 days per week, regardless of location.

### ANNUAL ACTIVITY REPORT 2010



**2010 Year End Report**  
**Public Health Emergency Notification System (PHENS)**  
**Medical Reserve Corps (MRC) Coordinator**  
**Registered Environmental Health Specialist (REHS)**



- NJ LINCS Messages Received and Sent (messages are sent via email as well as broadcast fax):
  - 4 Public Health Alert
  - 38 Public Health Advisories
  - 114 Public Health Updates
  - 130 Public Health Information
- Applied for and received the National Association of County and City Health Officials (NACCHO) Capacity Building of the Medical Reserve Corps Award.
- Completed the 2010-2011 Local Core Capacity for Public Health Emergency Grant application on the NJDHSS SAGE grant administration system.
- Completed Core Capacity grant reporting as needed.
- Recruited 2 Fixed Facility Medication Distribution sites within Sussex County.
- Conducted 6 Emergency Notification Exercises involving Sussex County Staff, and Receiving/Staging/Storage and Point of Distribution sites contacts. Completed After Action Reports/Improvement Plans (AAR/IP) for all exercises.
- Participated in the planning and operation of the NJDHSS PHENS Coordinator Emergency Activation exercise and writing the corresponding After Action Report/Improvement Plan.
- Assisted in preparing for and presenting at the Local Technical Assessment Review (LTAR).
- Participated in PharmaJet study by distributing and collecting surveys at Public Health Nursing flu clinics. Grant priority project.
- Sat on New Jersey Medical Reserve Corps steering committee.
- Coordinated and scheduled 8 Medical Reserve Corps Trainings/Meetings.
- Recruited and coordinated deployment of MRC volunteers to participate in the Operation Ruby Shoes exercise conducted by Newton Memorial Hospital.
- Participated in federal exercise, Operation Eagle Flag by notionally deploying the Sussex County Medical Reserve Corps.
- Participated in New Jersey Medical Reserve Corps deployment exercise by alerting and notionally deploying the Sussex County Medical Reserve Corps members.
- Participated in the Northwest Regional Community Containment workgroup.
- Began development of an Incident Rehabilitation Plan
- Evaluated two New Jersey Learning Management Network Medical Reserve Corps online training programs for NJDHSS.
- Initiated and completed all necessary paperwork for the SCDEPHS to become an American Red Cross (ARC) Authorized Provider. This enables me and any other ARC

instructors on the SCDEPHS staff to teach ARC courses to the Medical Reserve and Sussex County Staff.

- Acted as an evaluator at a Morris County Door-to-Door medication distribution exercise.
- Conducted Earth Day Recycling lectures and talks to school children at the Sussex County Municipal Utilities Authority.
- Conducted Sparta Mountain Day Emergency Preparedness exhibition.
- Assisted in Sussex County Fair Emergency Preparedness and Environmental Health exhibition set-up.
- Assisted at Oral Cancer Screening program at Sussex County Fair.
- Assisted in Sussex County Strategic National Stockpile organization and inventory management.
- Conducted health inspections for food and aquatic facilities as well as well and septic. Completed all corresponding paperwork.
- Completed NJ Emergency Medical Technician recertification.
- All MRC volunteer files were continued to be scanned to form an electronic database.
- Investigated electronic identification scanning devices. Purchased Age Scan system.
- Attended the Region I & II MRC Conference.
- Attended the 2010 Integrated Training Summit.
- Attended 8 NJDHSS PHENS Coordinator meetings (most via video conference).
- Attended 3 NJDHSS MRC Coordinator meetings.
- Attended 3 NJDHSS MRC Steering Committee meetings.
- Attended 17 Sussex County Public Health Emergency Preparedness Program meetings.
- Attended 22 Sussex County Environmental Health Program meetings.
- Attended 4 Sussex County Domestic Preparedness Task Force meetings.
- Completed 14 training courses which were web based, video cast, and in person.
- Attended 2 Sussex County Hazmat trainings.
- Continuously updating CHAIN database.
- Continuously performing various MRC administrative duties.
- Continuously monitor and disseminate alerts/recalls from New Jersey Department of Health and Senior Services LINCS, Centers for Disease Control and Prevention (CDC), U.S. and New Jersey Offices of Emergency Management (OEM), U.S. and New Jersey Departments of Homeland Security (DHS), World Health Organization (WHO), Federal Medical Reserve Corps (MRC), U.S. Food and Drug Administration (FDA), U.S. Department of Health and Human Services (HHS), Federal Emergency Management Association (FEMA)
- **Tested and maintained the department's 800 MHz radio on a monthly basis.**
- Continued taking course work to complete my FEMA Professional Development Series and Advanced Professional Series certificates.

- **H1N1 Specific Activities**

- Monitored and/or participated in all teleconference calls hosted by the CDC, NJDHSS, WHO, and HHS regarding H1N1.
- Ordered H1N1 vaccine through the NJ IMOD system as well as inputted vaccine transfers to Sussex county practitioners and hospitals.
- Inputted all H1N1 vaccine refrigerator temperature logs in the NJ IMOD system.
- Submitted weekly Situational reports to NJDHSS via the Hippocrates system.
- Participated in the planning, set-up, operation, and breakdown of the H1N1 vaccination clinic.
- Recruited and coordinated volunteers from numerous sources to staff the above mentioned clinic.
- In charge of coordinating and ordering all food and beverages for the H1N1 vaccination clinic.
- **Planned and coordinated the “Sussex County H1N1 Thank You” banquet at the Farmstead.**
- Participated in organizing and restocking the SNS storage site as well as the Emergency Preparedness Trailer over the course of the year.
- Hooked up, towed and unhooked Emergency Preparedness Trailer as needed.
- Received SNS supplies from NJDHSS which consisted of Personal Protective Equipment.
- Distributed Personal Protective Equipment to Sussex County Hospitals.
- Attended NJDHSS Pandemic Flu Summit.

## Health Education/Risk Communication

- ✓ Designing, developing and delivering curriculum, programs and training on topics such as bioterrorism, public health, and other emergency preparedness-related issues
- ✓ Coordination of distance learning, training needs assessments, and course updates for public health staff and volunteers
- ✓ Collaboration with multiple stakeholders from public health, law enforcement, medical personnel, first responders, emergency managers and others to design, develop and deliver training programs for various focus areas
- ✓ Providing emergency preparedness programs and coordinating required trainings with other professional organizations related to public safety and health education
- ✓ Designing health education materials, such as flyers and brochures for the Health Department
- ✓ Coordinating the use and maintenance of educational equipment, including satellite program downlinks, resources and materials
- ✓ Using crisis and emergency risk communication techniques to provide information that allows individuals, or entire communities, to make the best possible decisions about their well-being during emergencies
- ✓ Working with the media through print, radio and television to encourage the public to choose the best possible actions or behaviors before, during and after health emergencies, thus minimizing health risks and encouraging a rapid recovery



# 2010 Year End Report

## Health Educator/Risk Communicator



### PLANNING MEETINGS

( For planning and coordination of preparedness activities)

**(262.75 hours)**

- 21 hours - Meetings with Health Officer
- 25 hours - Environmental Team Meetings
- 16 hours - Health Educator Meetings
- 16 hours - Pioneering Healthier Communities Meetings
- 13.5 hours - Cancer Coalition Workgroup Meetings
- 4 hours - Activate America Committee Meetings
- 5 hours - Cancer Coalition Quarterly Meetings
- 19.5 hours - Domestic Preparedness Task Force Meetings
- 46 hours - HERC Meetings and Conference Calls
- 10 hours - Newsletter Committee Meetings
- 27 hours - BT Team weekly Meetings
- 15 hours - Chamber of Commerce Wellness Meetings
- 1.25 hours - Clean Communities Meetings
- 2 hours - PHENS Meetings
- 1 hour - **Chief's Meeting**
- 4 hours - Counsel of Service Agencies Meetings
- 4 hours - Meeting with Sheriff Dept and EOM about H1N1 clinics and SNS Planning
- 6 hours - **Relay for Life Captain's Meeting**
- 1 hour - County Health Ranking Meeting
- 1.5 hours - Cancer Coalition Newsletter Meeting
- 3 hours - Planning Meeting on Ground Water Policy
- 8 hours - CEHA/ Solid Waste Meeting
- 4 hours - MCC Advisory Meeting
- 9 hours - **NJ Health Officer's Association meeting in Trenton**

### PLANNING & PREPARATION ACTIVITIES

#### Public Information

**(35 hours)**

##### Media Releases

- 20 hours - Preparation of Media Releases

##### Newsletter

- 10 hours - Newsletter articles
- 5 hours - Assisted with creation of SCDEPHS Health Newsletter

## **NJLMN**

### **(101 hours)**

- 28 hours - Downlinked Satellite Video Course Offerings
- 73 hours - Training Course administration through New Jersey Learning Management Network for the Sussex County staff and Medical Reserve Corps members training

## **Health Education**

### **(180.5 hours)**

#### Training

- American Red Cross Instructor Training for CPR/First Aid/AED
- Pan Flu Summit
- Attended Working Luncheon on Alcohol at CFPC
- 4 hours - Solid Waste Flow Forum
- NJEPA Conference and Trainings
- **“Connecting the Dots” Public Health Forum**
- Ground Water Rule presentation
- SAGE Training
- Fit Testing Training for staff
- Take Control Peer Leadership Update
- Oral Cancer Screening at Fair
- Pioneering Healthy Communities Learning Institute
- Bed Bug Meeting at Liberty Towers
- WMD Enhanced Threat & Risk Assessment Course MGT 315
- Emergency Preparedness Presentation for Freeholder Zeoli
- Respiratory Protection for Emergency Response
- Take Charge of Your Health Peer Leadership
- Healthy Living Festival
- Drive-Thru Flu Clinic Observation in Gloucester
- Approved Provider Orientation for NJLMN
- Practical Tools for Radiation Emergency Preparedness Webinar
- Lung Cancer Webinar Series - Early Detection
- Red Cross Shelter Set-up Drill
- Operation Ruby Shoes Surge Capacity Drill
- Flu Clinic for PharmaJet Surveys
- Advanced Spokesperson Training

#### Research

- 120 hours - Misc research for health education and grant opportunities

#### Community Outreach

- 138.5 hours - Health education outreach programs and Health Fairs including Emergency Preparedness, Hand Hygiene, Sun Safety Behaviors, Pandemic Influenza, Cancer Awareness, Senior Health, Expo on Health, Walking Programs (Sussex County Walkabout), Tobacco (TASE), Chamber Expo, Healthy Kids Day, Youth and County Government Day, Project Self-Sufficiency Health Fair, Nutrition at Libraries, Hands of Hope, Hamburg School, SC YMCA Senior Health Fair, Choose Your Cover, NJ State Fair, Tall Timbers, Daycare, Tobacco Program at Skylands Ball Park, Nutrition Education Program at Franklin Senior Housing
- 4.5 hours - Walkabout Sussex County Event

#### Website

- Research/updates/redesign of website

#### Other

- 53 hours - Preparation of Meeting Minutes, mailings, programs, etc.
- 45 hours - Site Supervision/Mentoring intern
- 40 hours - Annual Report
- 15 hours - NACCHO LHD Profile Report
- 4 hours - Fair Display Set-up and Take-down
- 2 hours - Health Dept Annual Report Meeting
- 37 hours - Budget Cut Report and Fee Schedule Cost Analysis & Presentation
- 3 hours - Cancer Coalition Advocacy Letter

#### Conference

- 8 hours - Vaccine Preventable Disease Conference
- 24 hours - NJEPA Conference and Trainings
- 8 hours - Emergency and Crisis Communication Conference in place of HERC Meeting
- 14 hours - NJ SOPHE Mid Year and Annual Meeting

#### Health Education Materials

- 8 hours - Preparation flyers, brochures, food inspection placards and other materials

## **ATTACHMENT C - GRANT ACTIVITY REQUIREMENTS**

### **POD**

#### **(12 hours)**

- 6 hours - Preparation for HERC Exercise (including reviewing/updating plans)
- 6 hours - HERC Exercise and Hot Wash

### **Other**

#### **(168.5 hours)**

- 3 hours - SNS Delivery
- 3 hours - Trailer and SNS Reorganization
- 3 hours - SNS Inventory and BT Tent Set-up
- 5 hours - SNS Inventory
- 6 hours - CHAIN database updates
- 3 hours - Meeting with Health Planner for Grant Activities/Exercises
- Grant Activity Reporting and Documentation
- 66.5 hours - Health Education Workplan
- 6 hours - SNS storage and trailer organization
- Public Health Emergency Preparedness Training Collaborative Teleconference
- Presentation on PAPR-Sentinel XL respirator masks
- 1.5 hours - Completed HERC PIO Exercise Survey
- 2.5 hours - Training on PharmaJet
- HEROES - Health Education Reaching Others and Ensuring Surge Capacity During Public Health Emergencies
- 2 hours - Operation Ruby Shoes II Exercise at Warren Hospital
- 5 hours - LTAR Planning and Update of Emergency Response Plans
- 29 hours - LTAR Review
- 8 hours - Practice Standards Performance Evaluation
- 20 hours - Practice Standards Performance Evaluation Planning and Preparation

**Pandemic Influenza  
(68 hours)**

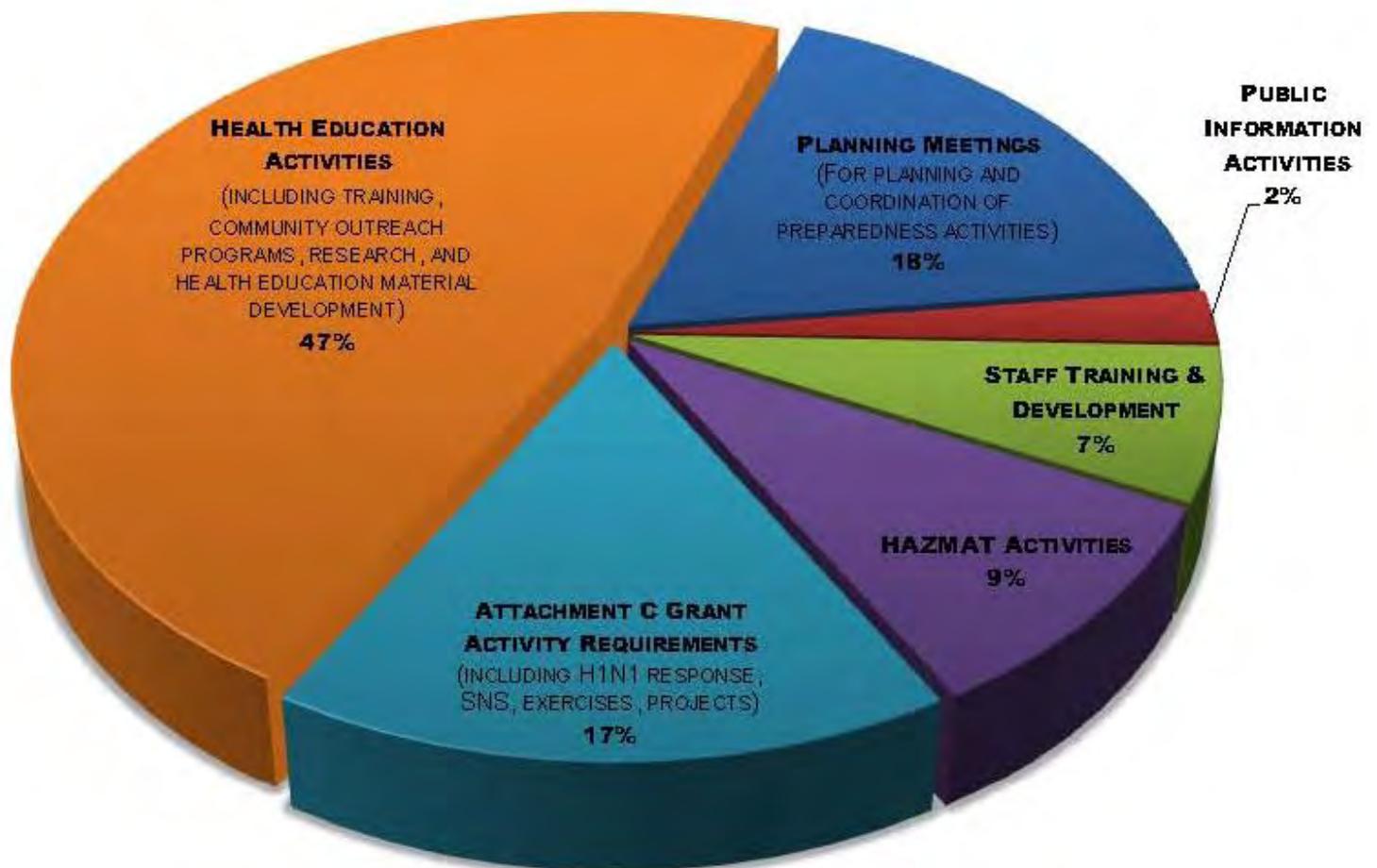
- 4 hours - H1N1 clinic site visit at SC Tech School
- 1.5 hours - H1N1 Clinic Planning Meeting
- 56.5 hours - H1N1 Clinic Prep/Planning
- 6 hours - H1N1 Clinic

**HAZMAT  
(143 hours)**

- 20 hours - HAZMAT Maintenance Day
- 35 hours - HAZMAT Training Day
- 80 hours - HAZMAT Technician Training
- 3 hours - HAZMAT Technician Pre-test
- 5 hours - HAZMAT call

## Emergency Preparedness Public Health Nurse

- ✓ The LINCS Agency Public Health Nurse works with the NJDHSS Assigned Public Health Planner, Division of Emergency Management and Office of the Prosecutor to ensure that emergency plans are fully developed to the operational level, including standard operating procedures for distribution of emergency medical supplies in the LINCS agency area.
- ✓ The LINCS Agency Public Health Nurse also works with local Public Health Nurses and hospital infection control to ensure a coordinated response to a communicable disease or food borne outbreak and to ensure that all parties understand the reportable communicable disease regulations and the notification and response protocols.



## **2010 Year End Report Senior Public Health Nurse**



### **Major Goals for 2011**

- Reorganize the Strategic National Stockpile Supplies.
- Annually rotate supplies with expiration dates with the Office of Public Health Nursing.
- Complete Qualitative Fit testing for Health Department staff and volunteer components ( i.e. MRC, CERT)
- Update the Surge Capacity Vaccinator Training program to reflect lessons learned from the H1N1 events.
- Create a Statewide Clinical Point of Distribution Template for Vaccine/Medication distribution.

### **Meetings Attended (169.75 hours)**

- Attended 26 weekly Emergency Preparedness Team meetings.30.25 hours
- Attended 10 monthly Sussex Count Domestic Task Force meetings.-26 hours
- Attended 3 Situational Planning Workgroup Meetings-3.5 hours
- Participate in 8 of the monthly LINCS Public Health Nursing meetings.-64 hours
- Member of the LINCS Workgroup- Statewide Clinical Point of Distribution Template-attended 5 meetings.-21.5 hours
- Attended PharmaJet Meeting to determine product problems to report. 2 hours
- Attended H1N1 Clinic Planning meeting.-4.5 hours
- Attended Health Officer Teleconference related to H1N1vaccine distribution. 2 hours
- Attended Health Officer Exercise Planning meeting.6. 5 hours
- Attended Emergency Preparedness Grant requirement meeting.
- Attended meeting for Influenza Clinic updates-0.5 hours
- Attended meeting on the Age Scan Program to review the product and give feedback for its effectiveness in clinical areas.-2 hours
- Health Education Meeting- 3 hours
- Public Health Nursing Greater Passaic Valley Nursing Association -4 hours

### **Planning and Preparation of Programs, Events, Policies, POD Planning, etc. (317.50 hours)**

- January 54 hours
- February 20 hours
- March 11 hours
- April 32.5 hours
- May 18 hours
- May 28.5 hours
- June 32 hours
- July 30 hours
- August 30 hours
- September 16.5 hours
- October 25.5 hours
- November 24.5
- December 25 hours

### **Programs Presented (16 hours/171 people)**

- 1-13-10 New POD Plan presented to 8 Public Health Nurses-1 hour
- 4-29-2010 Project Self Sufficiency Fair Expo/Hand washing- 5 hours 75 people attended
- 10-12-2010 Emergency Preparedness Planning for the Sussex County Community College Allied Medical Students Class-17 attendees. 1 hour
- 11-03-2010 Emergency Preparedness Planning for the North West Ambulatory Surgical Group-5 attendees.-2 hours
- 8-17-2010 Qualitative N 96 Respirator fit testing and Medical Evaluation for the Health Department Staff.-5 hours/24 staff
- 5-24-2010 H1N1 Volunteer Recognition Event- 2 hours 50 people

### **Exercises Participation (21 hours)**

- 5-14-2010 Participated in the Ruby Shoes Exercise Part One Set-Up – 5 hours
- 11-14-2010 Participated in the Red Cross Shelter exercise. -3.5 hours
- 11-19-2010 Participated in the Newton Memorial Hospital Ruby Shoes exercise for Alternate Care Sites.-4 hours
- 12-01-2010 Participated in the Point of Information exercise for Risk Communication as a consultant.2 hours
- 12-02-0210 Participated in the Warren County Jack Frost exercise for Home Health Agency disaster planning.6.5 hours

### **Programs Attended (101 hours)**

- 1-11-2010 NACHO Teleconference-1.5 hours
- 1-11-2010 Webcast on New County Rankings.-1.5 hours
- 2-01-2010 SAGE Grant Training-4.5 hours
- 2-02-2010 Ranking Community Webinar.-2 hours
- 4-09-2010 Pan Flu Summit-8 hours
- 5-05-2010 through 5-07-2010 Emergency Preparedness Conference-24 hours
- 6-25-2010 Hazmat Training-8 hours
- 7-14-2010 infectious Disease Summit-8 hours
- 7-26-2010 Vaccine Preventable Disease Conference-8 hours
- 8-05-2010 Immunization Update Webinar-1.5 hours
- 8-24-2010/8-25-2010 Weapons of Mass Destruction Seminar- 16 hours
- 9-07-2010 PEOSH Respiratory Protection for Emergency Preparedness -8 hours
- 9-01-2010 Annual Updates
  - American Heart Association Cardio Pulmonary Resuscitation Renewal for Healthcare Providers -4 hours
  - Blood Borne Pathogens- 1hours
  - Annual Influenza Updates-1hours
- 10-18-2010 Medical Marijuana Webcast-1.5 hour
- 10-28-2010 Personal Protection Equipment Evaluation and Selection program Webcast- 1 hour
- 12-16-2010 START Triage- 4 hours

**H1N1 Clinic (10 hours)**

- 1-13-10 Clinic Site Walk through-1.5hours
- 1-22-10 Clinic Set-up- 2hours
- 1-23-10 2009 H1N1 Influenza Clinic 6.5hours

**SNS Site (9 hours)**

- 2-05-2010- Organization 2 hours
- 5-10-2010 Vaccine Refrigerator Alarm Response- 3 hours
- 11-02-2010 Inventory-4 hours

**Grant Required Exercises/Projects: (10 hours)**

- 6-02-2010 Presented Fixed Facility Program to the Interfaith Hospitality Program- 2hours
- 10-25-2010 Attended the Gloucester Drive -Through Influenza Clinic for Observation and possible adaptation potential for Sussex County in order to meet the Alternate Care component of the Emergency Preparedness grant.- 8 hours

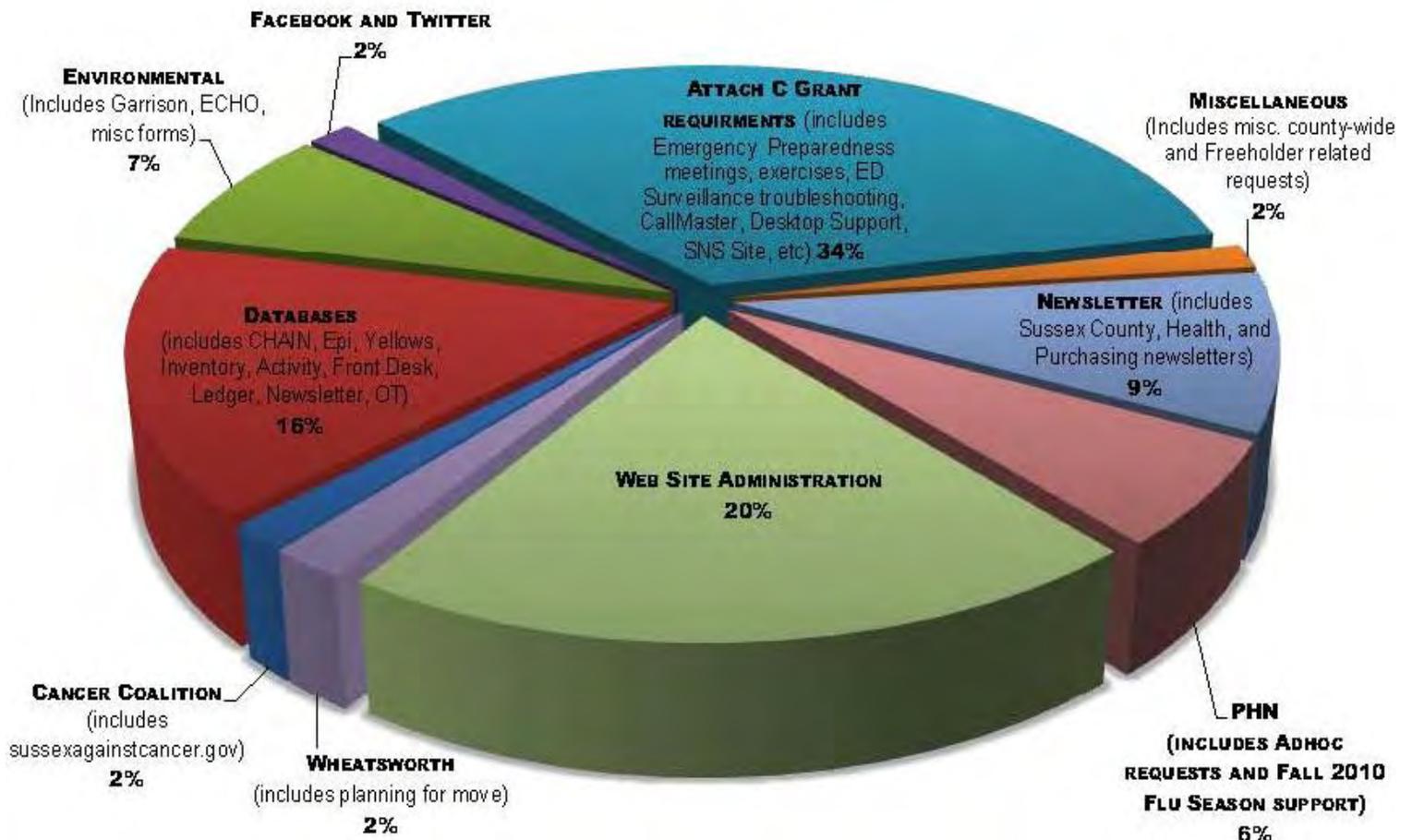
**Grant (16 hours/70 surveys)**

- Grant Preparation Meeting-2 hours
- 5-19-2010 LTAR 4.5 hours
- Grant Reporting 2 hours
- 11-13/11-17, 2010 PharmaJet Surveys 2 flu clinics 7.5 hours 70 surveys completed

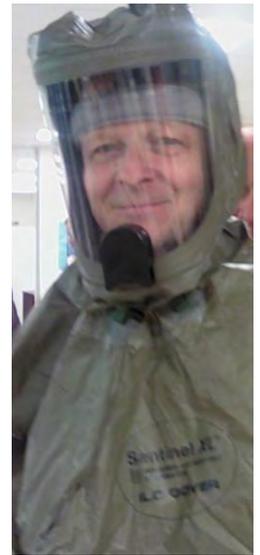
# Information Technology

LINCS Information Technology Specialist (ITS) responsibilities include:

- ✓ Providing full time information technology services to the LINCS agency staff, including desktop computer support, use of office productivity programs, and database and web site development
- ✓ Serving as technical liaison with hospitals, Sussex County Division of Emergency Management and other Domestic Preparedness Task Force members
- ✓ Serving as Technical Project Manager for the Garrison projects, Sussex County Webmaster, and editor of the Sussex County Electronic Newsletter.
- ✓ Providing tactical desktop support to the Health Officer and occasionally to the Environmental team.



## 2010 Year End Report Information Technology



- Attended 29 Emergency Preparedness Team Meetings.
- Attended 10 Sussex County Domestic Preparedness Task Force Meetings.
- Contributed to the Sussex County Public Health Emergency Preparedness Program Booth at the State Fair.
- Completed 59 hours (7.4 days) of support, debugging, and issue tracking on Garrison Food module.
- Provided 513.5 hours (64 days) of meeting, design and development effort on Sussex County Web site, Sussex County Electronic Newsletter, Sussex County Facebook and Sussex County Twitter.
- Published 12 monthly County newsletters and one Extra! edition.
- Published 12 ad-hoc Health newsletters
- Published 19 Purchasing notices: Requests for Proposals, Requests for Bids
- Provided 37.5 hours (5 days) serving as backup LINCS Coordinator.
- Provided 258.25 hours (32 days) database development, enhancements and reporting on CHAIN, EPI, Yellows, Inventory, Activity, Front Desk, Ledger, Newsletter, SQL Server databases.
- Provided 119.75 hours (15 days) H1N1 Planning and Response including mass vaccination clinics and post pandemic activities.
- Provided 25.5 hours (3 days) Cancer Coalition support, including web site maintenance and educational materials production.
- Provided 251.25 hours (31 days) miscellaneous grant related activities including ad-hoc requests, database backups, network drive maintenance, ED surveillance troubleshooting, Callmaster, Desktop support, SNS inventory, etc.
- Provided 32.24 hours (4 days) work on Wheatsworth move including vendor quotes and floor plans
- Provided additional 80.25 hours (10 days) on miscellaneous ad-hoc requests
- Provided 83.5 hours (10 days) support to Public Health Nursing on seasonal flu campaign including setup of hotline equipment, Appointment Plus, Outbound 911, blast email to 10,000 names, and miscellaneous appointment reporting.
- Implemented shared training calendar on [sussexcountysheriff.org](http://sussexcountysheriff.org) for use by members of the Domestic Preparedness Task Force

"The LINCS Information Technology Specialist (ITS) provides full time information technology services to the LINCS agency staff, including desktop computer support, use of office productivity programs, and database and web site development. This position also serves as technical liaison with hospitals and Sussex County Division of Emergency Management."

In 2010 Thor served as Sussex County Webmaster, editor of the Sussex County Electronic Newsletter, Facebook and Twitter. Two new electronic newsletters were launched during the

year, for Health and Purchasing. Thor provides tactical desktop support to the Health Officer and occasionally to the Environmental team.  
(attachment)

Some new web content published (approx 284 pages/mini-sites) are listed, including re-design of SC Prosecutor's site and Department of Central and Shared Services.

Alcohol Awareness Month	Update all styles on web site for Google Analytics	Retrieving Google Analytics for Census and Planning	Discussion of roads projects with	Fall Prevention Awareness Day
Evidence Based Practices	Maintenance of phony web site subscriptions	Bike to Work Week	Eskilson/Koppenaar	Free Produce Vouchers Still Available for Eligible Seniors
Hands of Hope	Purchasing Email Alerts news story	Meet the Department of Human Services	Public Health Nursing	Take Control of Your Health
Library Services	Post Department of Human Services Annual Report	Labor Market Factbook	Fall Clinic Schedule	Update 5 Social Services pages with new email addresses
Leaders Sought for Health Promotion Programs	Purchasing Email Alerts news story - Follow up	Prime Time Seniors	Update Surrogate Pages	Oral Cancer Screening Walkabout Sussex County Challenge
2010 Census	Solid Waste Master Plan Paperless Revolution	Solid Waste Management	Heat Advisory	Skylands Ride Gets New Bus
3/10 Freeholder Agenda	Official County Directory	Public Hearing on Transportation	Mosquito Spray Schedule	Board of Elections - Voting Instructions
Board of Elections	Take 10 for 2010 Census	Senior Services Public Hearing	Board of Chosen Freeholders Meeting	County Budget - 5 Year Trend Documents
Sparta High School Food Drive	Renewable Energy Project Farmers Market	Seniors Benefits Checkup	Agenda	Board of Elections - FAQs
In Good Company	Building of the Year Award	9-1-1 Consolidation Report	Senior Farmers Market Vouchers	Skyhawks Alcohol Free Event
CEHA	Municipal Education and Marketing Program	Planning - Housing Markets	Senior Day at the Fair	Mammograms
Public Health Nursing Home Page	Post Freeholder Minutes	Notice of Cancellation of NJ	Senior of the Year	Fall Prevention - Homestead
The Tax Appeal Process	Add H1N1 availability to all PHN clinic schedules	Transit Bus Service to Frankford and Sparta	Nominations	Add Volunteer Link to County Home Page
Mosquito	Add Food Content to Health Dept Home Page	Mosquito Control Home Page	Create new OPRA Form for Elaine Morgan	Update Human Services Contacts Page
Adult PH Clinics	National Public Health Week	Open Government	Update County Directory	Update Human Services Site Map
Freeholders and Freeholder Article	Discussion with Rich Ross re: new web pages for SC Prosecutor's Office	Freeholders Page	2010 County Audit	Women's Tea
Freeholders and Freeholder Article	Veterans Memorial Gardens	Agenda and Minutes	Sunshine Review Wiki	Put County Contracts on Web Site
Well Deserved Recognition	Disaster Mitigation Planning	Groundwater Rules	State Health Insurance Assistance Program	Freeholder Letter of Support for NMH Merger
PHN Clinics	Web Site Recognition Story	Hurricane Preparedness	USO Variety	Construction Code Board of Appeals
Special Child	Special Child Home Page	Public Health Emergency Preparedness - Fix Broken Links	PHANFest	Forms Update
Fire Marshal	Food Stamps	What You Can Do to Prepare	Transit Pages Update	Adult Public Health Clinics - Update
Surrogate	Tobacco Age of Sale Enforcement	Champions for Charity	Sparta High School Receives Award	Board of Elections - News Story
SCCC and Freeholders	New Jersey Youth Camp Standards	Solid Waste Forum	Board of Elections - Party Constitution and Bylaws	Add Quick Jumps list to web site
My County Poster Contest	Purchasing	Planning Forms	NJ State Fair Farmers Market	ARRA Funds for Needy Families
Engineering	Announcements	Cross Systems Mapping	Post Parker Space Bio Homestead Family BBQ	Freeholders Letter of Support for Hospital Merger
Bridge H03 Update	Facilities Pages	Grant in Aid	Tax Board Petition of Appeal	Veterans Memorial Gardens Dedication
Homestead Happenings	Birding and Nature Festival	Public Health Nurses Take it to the Streets	Disaster Mitigation	Update quick Jumps list on web site
MoneySmart Week Poster Contest	Older Americans Month and Older Americans Day	Waterloo Village	Planning - Draft Report	Add Directions Page to Web Site
AARP Defensive Driving Course	Newton High School Food Drive	2009 County Debt Statement	Researching Mobile	Prescription Drug Disposal Day
Re-schedule Freeholder meeting in advance of snow storm	Youth in County	Update PHN Adult Health Clinic Schedule	Friendly Web Site Design	
Health Screenings - 2010	Government Day	Municipal Alliance	National Immunization Awareness Month	
Health Home	Prosecutor Web Site Discussions	Vernon HS Champions for Charity	Solid Waste Management Plan Amendment	
H1N1	Summer Reading Club at the Library	Cit-e-Net User Maintenance	Update Small Hauler Application Form	
Influenza	Mosquito Control Spray Schedule	2010 Point in Time Survey	Parker Space photo on web site	
Springfest	Preserved Farmland in Sussex County	Transit Public Hearing	2010 Budget Presentation	
St. Patrick's Day Parade		Post Freeholder Agenda	Home page slide show - summer	
FEMA Flood Maps News Story		Grand Opening of the Balance Center	Update contacts for SCORE and VNA	
Surrogate/EDMS/Dan Freed		LG Cook 4-H Camp	Add Naccho Public Health Video to Web Site	
Home page slide show - snow		July is UV Safety Month	Sussex County Senior of the Year	
Money Smart Week Events Schedule		Alcohol Free Ball Game at Skylands Park	Senior Expo	
Department of Central and Shared Services Web Pages		Mosquito Control Products		
Unarchive for display all past Health Dept articles and press releases				

2010 Paving Program Startup Notice	Social Networking Meeting with Eskilson/Kosinetz	on many Sussex County web pages based on most used search criteria
Bed Bugs Press Release from NJDHSS	Grand Marshal of SC Veterans Parade	Update H1N1 Flu Page to Closed
Harvest Festival	Solid Waste Disclosure Marquee	Update Sussex County Flu Page to end of scheduled clinics
Emergency Services Memorial	Cut Your Own Christmas Trees	Tax Ratios
Rabies Clinics	Update Social Services Contacts Page	Tax Rates
Fall Slide Show	Apply for County Government YouTube Channel	Planning Board Members
Research Social	Compose Smart Quotes	NJ Fresh! News Item
Networking for 6 County Coalition	Email to Cit-e-Net Web Site Users	Chronic Disease Self Management Press Release
Fall Prevention Awareness Week Kick-Off	Stuff the Bus	Upload Aflac form to Employee Services
Soil Conservation District - Contact Information	Food Recalls - Halloween Weekend	Re-establish Tax Board Cit-e-Net User
Influenza Surveillance	Planning: Dev. Review Form	Division of Social Services Home Page
Firemen's Inspection Day and Parade	Stuff the Bus Banner	Council of Service Agencies Awards
Special Employee Web Site	Microsoft Word Formatting Tips	Health Department Fee Schedule
Hazardous Waste Day	Mobile Web Site Conversion	Changes in Medicaid Transportation
SCMUA Paper Shredding Events	Freeholder Meeting Minutes	2009 Census Estimates
Bids Wanted - Freezer	Veterans Day Slide Show	Senior Nutrition Program
Guiderail Materials	Create Redesigned Department of Human Services Home Page	Sussex County E-Waste Management
Dump Bodies	Redesign Health Department Home Page for Mobile	
Truck Chassis	Teens in the Library!	
Assistant Prosecutor Robin Lawrie	Planning - Wastewater Management Plan Update	
Breast Cancer Awareness Month	Diabetes Awareness Month	
National Health Education Week	NJ Obesity Press Release	
Healthy Living Festival	Winter Roads Story	
Pre-Disaster Mitigation - September 3 Draft	Special Child Events	
Sussex County Annual Job Fair	New Prosecutor Web Site	
National Family History Day	Stuff the Bus Slide Show and Facebook Update	
TransOptions Vernon Shuttle	Don't Let Food-Related Illness Spoil the Holidays	
Paving Program - Project Update	Stuff the Bus - Photos and Slideshow on web site	
Sussex County's S.H.I.P. Earns Performance Award	Homestead Holiday Story	
Surrogate Data Search	Home Detention Program	
Life with Developmentally Disabled Family Member	Project Homeless Connect	
Agriculture Development Board Agenda	National Influenza Vaccination Week	
Fall 2010 Health Screenings	Bids Wanted - Bridge Rehabilitation	
October 2010 Public Health Clinics	Health Education Topics	
2010 General Election	Emergency Preparedness Pages	
Research Social	Great American Smokeout	
Networking for County Admin Meeting	Public Health Practice Standards	
Crisis Assessment	Archive old Health News Articles and Press Releases	
Collaborative Problem Solving	News Release: National Influenza Vaccination Week	
10th Annual Salute to Military Veterans	Re-code meta tags	
favicon.ico		
Sussex County Education Partnership		
Fall 2010 Public Health Clinics		

# Sussex County Community Health Partnership

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The Sussex County Community Health Partnership evolved from the Sussex County Governmental Public Health Partnership (GPHP). The GPHP was formed in the beginning of 2005 to act in accordance with Phase 2 of New Jersey's state-wide rollout of the National Public Health Performance Standards Program (NPHPSP).

The NPHPSP is a collaborative effort to enhance the Nation's public health systems. Seven national public health organizations have partnered to develop national performance standards for State and local public health systems. It is based on the 3 Core Functions of Public Health (Assessment, Policy Development & Assurance the Essential Public Health Services Healthy People 2010 "Public Health Infrastructure" Healthy New Jersey 2010 "Strengthening Public Health Capacity" and the National Local Public Health System Performance Instrument

The stated mission and goals of the NPHPSP are to improve the quality of public health practice and the performance of public health systems by:

- Providing performance standards for public health systems and encouraging their widespread use;
- Engaging and leveraging national, state, and local partnerships to build a stronger foundation for public health preparedness;
- Promoting continuous quality improvement of public health systems; and
- Strengthening the science base for public health practice improvement.

## **Mobilizing for Action through Planning and Partnerships**

Another component of Phase 2 of the NPHPSP was the initiation of the MAPP process. The MAPP acronym stands for Mobilizing for Action through Planning and Partnerships. MAPP focuses on strengthening the local public health system by bringing together diverse interests to collaboratively determine the most effective way to conduct public health activities. [http://mapp.naccho.org/mapp\\_introduction.asp](http://mapp.naccho.org/mapp_introduction.asp). The MAPP process is intended to result in the development of a community-wide strategic plan that coordinates and optimizes public, private and individual assets to achieve sustainable solutions to health and human services issues.

The Sussex County Community Health Partnership (SCCHP) is committed to making a positive difference regarding the health concerns of the residents of Sussex County. In the summer of 2005, a community survey of residents was conducted to ascertain their health status, and health concerns. Through using the MAPP process, the Sussex County Community Health Partnership collected the statistical data from the survey, and identified three priority health areas. They are; Cancer, Obesity, and Mental Health. The

Community Health Improvement Plan (CHIP) represents a summary of the Partnership's efforts and outlines our future direction in public health issues for Sussex County. The Partnership will reconvene during the coming year to outline methodologies to address these health priorities.

# Special Child Health Services

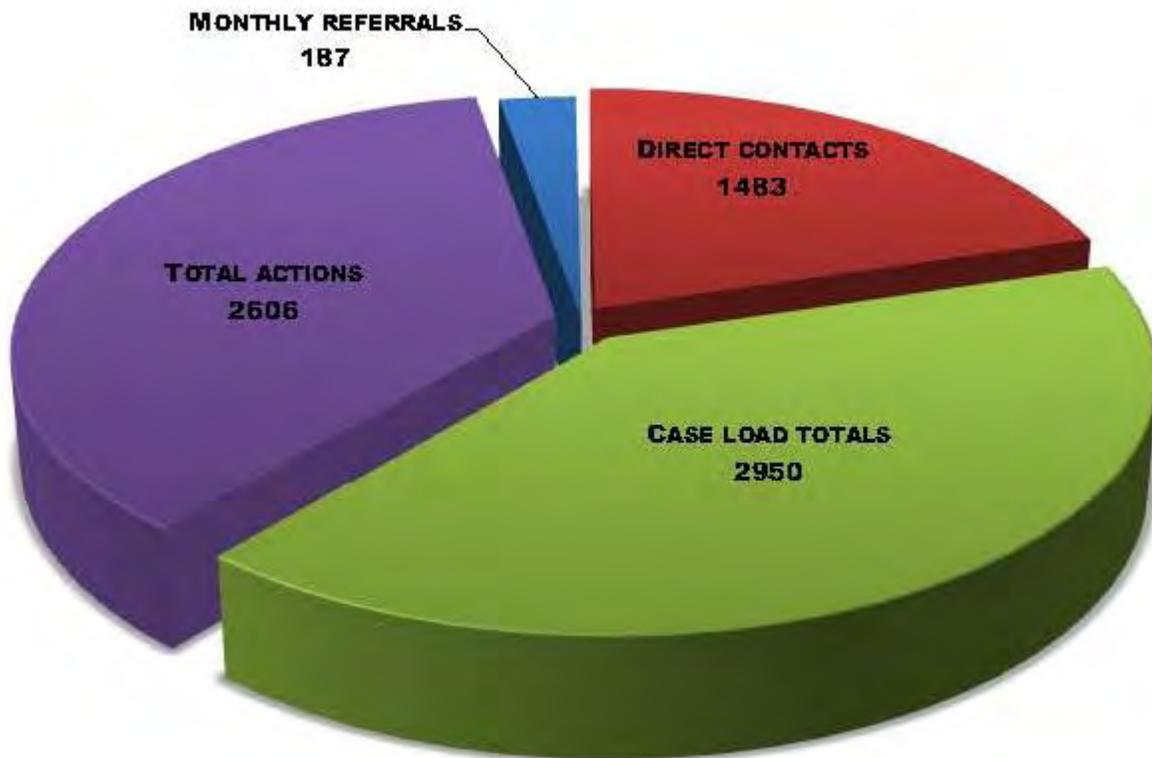
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Every county in New Jersey has a Special Child Health Services (SCHS) Unit. By state law any child who is born with or develops any abnormality or disability is reported to the State Birth Registry. Part of the purpose of the registry is to notify SCHS so a case manager contacts the family and offers assistance. Families may also be contacted when the Social Security Administration notifies SCHS of any family applying for assistance from the SSI (Supplemental Security Income) program. Other referrals come from schools, the Early Intervention program once they are discharged at age 3, the Social Security office if a family does not qualify for SSI, hospitals, and families searching the

internet and phone books.

When a case manager contacts the family an assessment of the family's and child's needs is done. Once the case manager is aware of the needs, resources and referrals are provided to assist the family. Family's needs cover a large span including medical needs, financial needs, therapy needs, educational needs, and emotional/social needs. The case manager becomes a source for parents to contact when they are unsure of where to turn. In order to help the parents, many times the case manager must seek assistance from state contacts and other agencies.



Case managers assist with obtaining hearing aids and orthotics; payment of catastrophic bills; support groups; information on new programs and seminars for parents; home nursing care; referrals to programs such as WIC (Women, Infant and Children Supplemental Nutrition), heating assistance, DDD (Division of Developmental Disabilities), and the Board of Social Services; insurance issues; transition to adulthood services; family support programs such as respite; advocacy; and emotional support as parents are able to speak openly with a professional. Parents/guardians elect to have occasional contacts or can agree to have a permanent file opened for continuous monitoring. There are no fees for any of the SCHS services though some referral programs do have fees attached.

## **Highlights from 2010**

- Referrals are over the number from last year.
  - 2009= 157 total referrals, 2010= 187 referrals
- Active case load for regular monitoring and assistance has risen from 226 in January to 256 in December
- In 2010, had total of 2,606 direct contacts
- Outreach to community has resulted in referrals coming from many new sources including Mobile Crisis Unit, doctors office, Internet, and special children's school, Autism Registry
- Emergency Preparedness plans and information are now a part of contact with parents
  - New SCHS brochures, emergency preparedness brochure, packets of information available for mailings
  - Outreach has been to pediatricians, Family Support Organization, DYFS, Early Intervention, PSS Vo Tech, Northern Hills Academy (formerly Special Children's School), NJ State/County Fair, a mental health agency, and a developmental center
- Participation in health fairs resulting in strong contacts, increasing resources as well as outreach for unit
- Parental notification of meetings, seminars and events will now be posted by the SCHS staff on the Sussex County website for events
  - Parents will be directed to check site for events
- Autism population has exploded due to new mandatory autism state registry
  - New referrals for Autism were 71 for 2010
  - Now office is also actively involved with getting current children registered on registry
- Continue to notify parents of financial assistance available through the catastrophic funding
  - Assisted 10 families in obtaining a total assistance of \$235,596.00 in 2010
  - Case manager made arrangements for 3 children to go to summer camp with scholarships
- Direct contact with state contacts and other agencies to resolve issues on behalf of families has increased from 884 in 2009 to 1483 in 2010
- Many of these calls were to resolve problems such as Medicaid, Family Care, hearing aids, DDD, and nursing care for extremely medically fragile children
- A Part time per diem case manager was hired in April 2010

# Mosquito Control



## Nuisance Mosquito Surveillance

Nuisance mosquito surveillance incorporates: service requests from county residents, municipalities, and county health inspectors; routine site inspections of known larval mosquito habitats; and adult mosquito traps, such as NJ light traps, CO<sub>2</sub>-baited light traps, and battery powered hand aspirators.

The majority of Sussex County's nuisance mosquito populations are produced in fresh floodwater habitat and cattail marshes. These populations are well below average for summer months due mostly to the dry and hot summer.

2010

Service Requests	Inspections	Trap Collections	Mosquitoes Identified to Species
122	2485	2095*	13,108*

2009

Service Requests	Inspections	Trap Collections	Mosquitoes Identified to Species
324	2779	980	87,847

2008

Service Requests	Inspections	Trap Collections	Mosquitoes Identified to Species
165	3253	1206	60,749

## Disease Surveillance

Vector-borne disease surveillance incorporates West Nile virus (WNV), LaCross Encephalitis (LAC), and Eastern Equine Encephalitis (EEE) surveillance. West Nile virus surveillance includes trapping adult mosquitoes using gravid traps and CO<sub>2</sub>-baited light traps, and dead bird collection. Trap collections are transported back to the laboratory, identified to species, and pooled according to NJ Department of Health Public Health & Environmental Laboratory (NJDOH PHEL) protocols and submitted to either the NJDOH PHEL (WNV & EEE samples) or Cape May County Department of Mosquito Control Laboratory (LAC & EEE).

Although nuisance mosquito populations have been relatively low, vector mosquito populations remain high due to the abundance of man-made container habitat available for egg

deposition. Above average temperatures in June and July along with drier than usual conditions has increased West Nile virus activity statewide. We have increased our disease surveillance efforts in response.

2010

<b>WNV pools submitted</b>	<b>WNV mosquitoes submitted</b>	<b>WNV confirmed positive pools</b>	<b>LAC / EEE Pools submitted</b>	<b>LAC positive pools</b>	<b>EEE Positives pools</b>	<b>Dead Bird Reports/ Inspections</b>	<b>Avians submitted &amp; tested</b>	<b>WNV positive Avians</b>
404	5716	6	0	0	0	1	0	404

2009

<b>WNV pools submitted</b>	<b>WNV mosquitoes submitted</b>	<b>WNV confirmed positive pools</b>	<b>LAC / EEE Pools submitted</b>	<b>LAC positive pools</b>	<b>EEE Positives pools</b>	<b>Dead Bird Reports/ Inspections</b>	<b>Avians submitted &amp; tested</b>	<b>WNV positive Avians</b>
314	9559	6	58/8	0	0	4	2	1

2008

<b>WNV pools submitted</b>	<b>WNV mosquitoes submitted</b>	<b>WNV confirmed positive pools</b>	<b>LAC / EEE Pools submitted</b>	<b>LAC positive pools</b>	<b>EEE Positives pools</b>	<b>Dead Bird Reports/ Inspections</b>	<b>Avians submitted &amp; tested</b>	<b>WNV positive Avians</b>
539	15776	8	45	0	0	6	4	0

## Larviciding Operations

Larviciding operations include biological (mosquito fish, etc) and chemical (conventional and microbial larvicides) control. The public health risk from mosquitoes is greatly reduced preventing adult emergence when possible. Larviciding is generally a more economical, environmentally sound and effective approach than adulticiding since larvae are confined to the aquatic habitat, which can be clearly identified and treated. Our larviciding program included aerial larviciding (fixed wing), ground larviciding (ATV or on-foot with back-pack sprayers), and storm drains treatments.

2010

<b>Mosquito Eating Fish (# fish stocked/acres treated)</b>	<b>Ground Larviciding (# applications/acres treated)</b>	<b>Aerial Larviciding (# applications/acres treated)</b>	<b>Storm Drains Treated (# basins)</b>
1055.13/10	1162.40/	0	6656

2009

<b>Mosquito Eating Fish (# fish stocked/acres treated)</b>	<b>Ground Larviciding (# applications/acres treated)</b>	<b>Aerial Larviciding (# applications/acres treated)</b>	<b>Storm Drains Treated (# basins)</b>
12060/16	3350/283	2/3281	6493

2008

<b>Mosquito Eating Fish (# fish stocked/acres treated)</b>	<b>Ground Larviciding (# applications/acres treated)</b>	<b>Aerial Larviciding (# applications/acres treated)</b>	<b>Storm Drains Treated (# basins)</b>
14920/15	1367/77	3/3836	6493

Our office stocked about the same number and locations with mosquito eating fish as of 2009, eliminating the use of pesticides over the course of the season in 10 acres of larval mosquito sites throughout 6 municipalities. Because of the high heat this past summer our wide verity of **mosquito sites dried down and we didn't need to use the plane, we did some hand treatments** such as some woodland pools and some new map sites keep up on complaints, storm drains and concentrated on WNV positives areas.

## **Adulticiding Operations**

A high population of a vector mosquito species warranted application by truck-mounted ultra low volume spray.

2010

<b>Municipalities</b>	<b># Applications</b>	<b>Acres Treated</b>
9	16.12	2453.76

2009

<b>Municipalities</b>	<b># Applications</b>	<b>Acres Treated</b>
10	30	5754.22

2008

<b>Municipalities</b>	<b># Applications</b>	<b>Acres Treated</b>
5	17	3127.84

## **Public Education**

As in previous years, a booth was maintained by our office at the State Fair in August, which provided general information regarding mosquito biology, pesticide awareness, and mosquito-borne disease information. **We also purchased “Sussex County Office of Mosquito Control” refrigerator magnets as free handouts and provide the Office of Mosquito Control’s telephone number.** In addition, the office also participated in the Kids Day event sponsored by NORWESCAP, which focused on child friendly hands-on activities including a live mosquito-eating fish demonstrations, educational games, and larvae dipping.



For a second year, our program also presented in the Earth Day Celebration event that took place at the Sussex County MUA/Walkkill River Watershed Management Group in Lafayette. This presentation included 20-minute student lesson sessions that provided information on mosquito biology, live and preserved specimens, identification tools, field tools, and a live mosquito-eating fish demonstration.

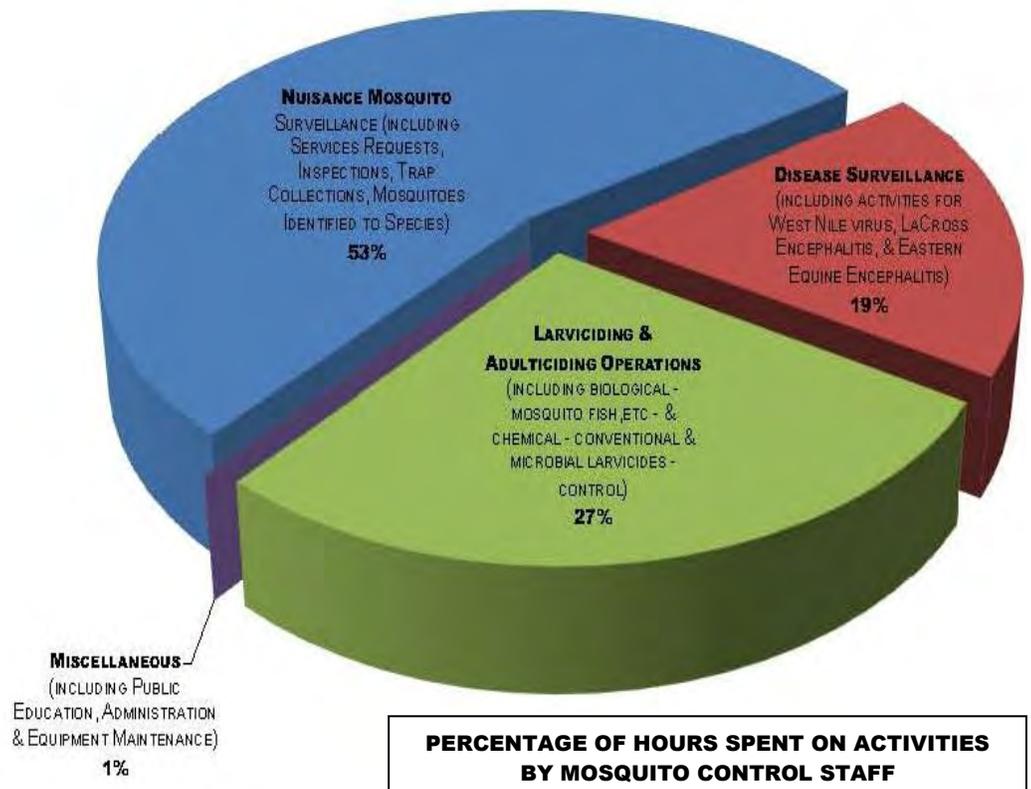
**Finally, the office also presented at the Walkkill Wildlife Refuge “Refuge Day” event, which** included both child-friendly activities including Make-A-Mosquito Kits and general public information sessions including pesticide awareness, identification tools, field equipment, live and preserved specimens, and the live mosquito-eating fish demonstration. This was an important outreach event as our office not only continuously strives to maintain a positive working relationship with the Walkkill Refuge for surveillance purposes, but the residents in the surrounding area as well. All three events have requested our continued participation in 2011.

In addition, our office **again hosted a ULV sprayer calibration “rodeo” for five surrounding county mosquito agencies, which** involved techniques for proper droplet production with a variety of ultra low volume sprayers. Sussex County has been a regional leader in this effort since **the acquisition of a sophisticated AIMS “hot wire” droplet measurement system** several years ago.

## Equipment Maintenance

The various pieces of equipment that the office of mosquito control owns/leases are the backbone of our daily operations during the active mosquito season. We rely heavily on this equipment for ground and aerial larviciding and ground based on adulticiding procedures. Proper maintenance and storage procedures are critical for this valuable equipment. This involves annual

maintenance and winterization of our truck-mounted and ATV-mounted ultra low volume sprayers, four gas-powered and three electric backpack sprayers, five off-road vehicles, three trailers, two droplet calibrations are performed on all application equipment as required by law. We also had Rutgers come to our lab to use the Olympus BX41 microscope to read slides for adulticide spraying.



# WEIGHTS & MEASURES

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Many different devices are tested by weights and measures officials to assure that consumers get what they pay for and businesses do not give product away as a result of inaccurate equipment. Those devices include scales and price scanning equipment in retail stores, gasoline pumps, meters used for home fuel oil deliveries, scales used to weight bottled propane or similar products such as acetylene used for welding.

Another important job of weights and measures officials is checking packaged products to assure product content is correct as to what is stated on the label. They also check to assure that the advertised price or shelf price is the same at the checkout stand. Because of the inspections and investigations conducted by the men and women of Weights and Measures, New Jersey consumers can have confidence when shopping. However, consumers should also pay attention when making purchases. Small, seemingly insignificant errors can add up.



2010 proved to be a rewarding and challenging year due to factors such as the sudden retirement of the Superintendent and the constant closing and opening of stores, delis, and gas stations.

Our two Assistant Superintendents have really stepped up their work loads. Glen Murray has taken on the responsibility of Acting Superintendent, which he has become well accustomed too. All the work is being handled county wide and keeping both inspectors extremely busy.

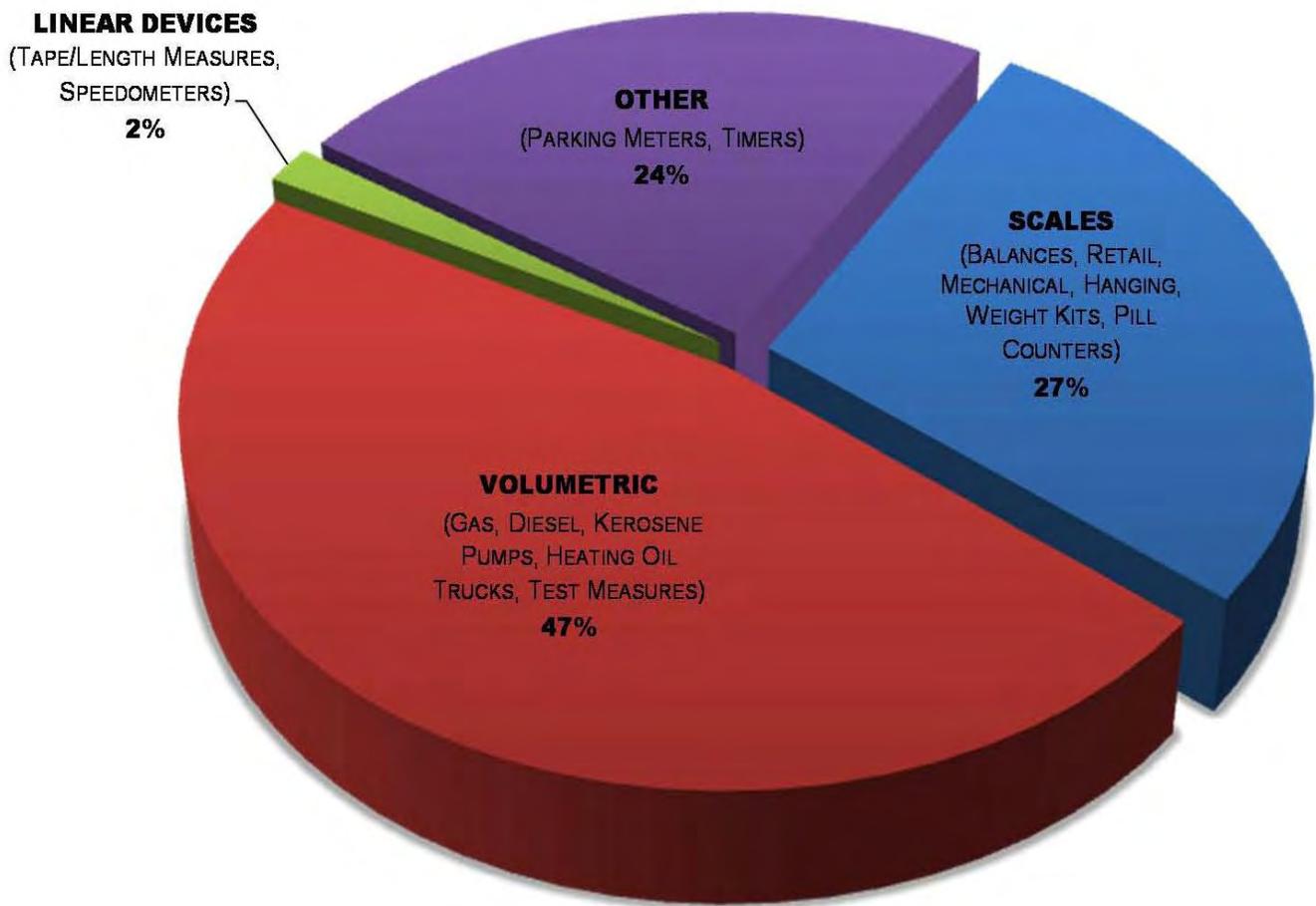
This past year has seen a significant increase in package and scanner auditing and enforcement. This has shown an increase in violations due to product downsizing, decreasing their staff, and the constant fluctuation of gas and oil prices.

**The department is foreseeing added growth and with that growth our department's services shall continue to increase.**

The year 2011 brings the age of the Weights and Measures Gasoline Prover truck to 21 years old. However, due to very good maintenance and upkeep by the department staff, the county has been able to avoid purchasing a new vehicle which as saved the county approximately

\$150,000. The department has done a fine job of getting along with what they have and are looking forward to a busy and challenging new year.

**PERCENTAGE OF HOURS SPENT ON ACTIVITIES  
BY MOSQUITO CONTROL STAFF**



# **WEIGHTS & MEASURES** **YEARLY STATISCAL REPORT FOR 2010**



<b>MONTH</b>	<b>FINES RECEIVED</b>	<b>FINES ASSESSED</b>	<b>SCALES</b>	<b>VOLUMETRIC</b>	<b>LINEAR DEVICES</b>	<b>OTHER</b>
<i>January</i>	\$5,100.00	\$1,950.00	357	3	0	5
<i>February</i>	\$3,750.00	\$6,100.00	115	4	4	4
<i>March</i>	\$3,050.00	\$4,750.00	121	166	41	6
<i>April</i>	\$2,300.00	\$3,600.00	81	337	5	20
<i>May</i>	\$4,800.00	\$1,350.00	34	210	0	30
<i>June</i>	\$6,050.00	\$4,300.00	42	205	2	14
<i>July</i>	\$3,250.00	\$2,700.00	26	171	4	374
<i>August</i>	\$6,550.00	\$5,900.00	22	143	0	16
<i>September</i>	\$8,200.00	\$4,100.00	9	259	0	13
<i>October</i>	\$1,950.00	\$8,000.00	8	60	0	35
<i>November</i>	\$3,100.00	\$7,450.00	95	35	0	93
<i>December</i>	\$6,150.00	\$5,800.00	27	4	0	200
<b>TOTALS</b>	<b>\$49,450.00</b>	<b>\$56,000.00</b>	<b>937</b>	<b>1597</b>	<b>56</b>	<b>810</b>
<b>Total Fines for year 2010:</b>	<b>\$105,450.00</b>					

## **WEIGHTS & MEASURES YEARLY STATISCAL REPORT FOR 2009**

<b>MONTH</b>	<b>FINES RECEIVED</b>	<b>SCALES</b>	<b>VOLUMETRIC</b>	<b>LINEAR DEVICES</b>
January	\$5,150.00	342	2	15
February	\$1,874.00	83	3	224
March	\$3,850.00	157	3	92
April	\$7,500.00	65	153	2012
May	\$4,300.00	18	276	11
June	\$9,300.00	65	264	12101
July	\$6,500.00	50	217	155
August	\$1,700.00	17	431	14
September	\$13,600.00	2	212	12
October	\$4,150.00	14	77	74
November	\$5,350.00	54	4	4
December	\$7,498.00	48	25	213
<b>TOTALS</b>	<b>\$70, 772.00</b>	<b>915</b>	<b>1667</b>	<b>14927</b>

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## **WEIGHTS & MEASURES YEARLY STATISCAL REPORT FOR 2008**

<b>MONTH</b>	<b>FINES RECEIVED</b>	<b>SCALES</b>	<b>VOLUMETRIC</b>	<b>LINEAR DEVICES</b>
January	\$7,620.00	426	30	33
February	\$4,965.00	108	3	1744
March	\$2,000.00	20	3	33
April	\$8,900.00	44	270	18
May	\$3,352.00	52	124	2533
June	\$14,250.00	17	310	195
July	\$2,950.00	42	262	7
August	\$6,350.00	59	224	12
September	\$11,100.00	25	198	16
October	\$8,450.00	0	41	38
November	\$8,050.00	7	5	22
December	\$7,250.00	76	12	146
<b>TOTALS</b>	<b>\$85,237.00</b>	<b>876</b>	<b>1482</b>	<b>4797</b>