

SUSSEX COUNTY
DEPARTMENT OF
ENVIRONMENTAL AND
PUBLIC HEALTH SERVICES



2008 ANNUAL REPORT



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2008 Year at a Glance

The year began with the Sussex County Board of Chosen Freeholders approving the organizational move of converting the (former) Division of Health within the Department of Health and Human Services to full department status as the Department of Environmental and Public Health Services. This move recognized the increased importance of the role of public health services and the ongoing expansion of services. 2008 saw the continued expansion of the County Department with the addition of Vernon Township as the 23d municipality served by the County of Sussex. The rapid growth of the County services over the past four years is a testimony to the quality of services provided, the increased importance of shared services as a method of cost control and the need to address health issues on a regional basis. Vernon Township estimates that local taxpayers saved more than \$300,000 annually as a result of the move to the County.

Municipality	Pop. Est	% of Total	2005	2006	2007	2008
			County Health Svcs. Pop.	County Health Svcs. Pop.	County Health Svcs. Pop.	County Health Svcs. Pop.
Andover Boro	654	0.4%	654	654	654	654
Andover Twp	6,552	4.3%	6,552	6,552	6,552	6,552
Branchville	839	0.5%	839	839	839	839
Byram	8,656	5.6%	8,656	8,656	8,656	8,656
Frankford	5,680	3.7%	5,680	5,680	5,680	5,680
Franklin	5,210	3.4%		5,210	5,210	5,210
Fredon	3,361	2.2%	3,361	3,361	3,361	3,361
Green	3,558	2.3%	3,558	3,558	3,558	3,558
Hamburg	3,554	2.3%	3,554	3,554	3,554	3,554
Hampton	5,213	3.4%	5,213	5,213	5,213	5,213
Hardyston	8,283	5.4%			8,283	8,283
Hopatcong	15,884	10.4%				
Lafayette	2,524	1.6%	2,524	2,524	2,524	2,524
Montague	3,904	2.5%	3,904	3,904	3,904	3,904
Newton	8,337	5.4%	8,337	8,337	8,337	8,337
Ogdensburg	2,623	1.7%			2,623	2,623
Sandyston	1,924	1.3%	1,924	1,924	1,924	1,924
Sparta	19,348	12.6%			19,348	19,348
Stanhope	3,666	2.4%			3,666	3,666
Stillwater	4,385	2.9%	4,385	4,385	4,385	4,385
Sussex Boro	2,170	1.4%	2,170	2,170	2,170	2,170
Vernon	25,453	16.6%				25,453
Walpack	40	0.0%	40	40	40	40
Wantage	11,566	7.5%	11,566	11,566	11,566	11,566
Total	153,384	100.0%	72,917	78,127	112,047	137,500

<i>Total population serviced by County Division of Health in 2005 =</i>	<i>72,917</i>
<i>% of total population served by County Division of Health in 2005 =</i>	<i>47.5%</i>
<i>Total population serviced by County Division of Health in 2008 =</i>	<i>137,500</i>
<i>% of total population served by County Division of Health in 2008 =</i>	<i>89.6%</i>
<i>Increase in population served by County Health from 05 to 08 =</i>	<i>64,583</i>
<i>% increase in population served by County Health from 05 to 08 =</i>	<i>88.6%</i>
<i># of municipalities served by County Health in 2005</i>	
<i>=</i>	<i>17</i>
<i># of municipalities served by County Health in 2008</i>	
<i>=</i>	<i>23</i>
<i>increase in # of municipalities served from 05 to 08</i>	
<i>=</i>	<i>6</i>
<i>% increase in # of municipalities served from 05 to 08 =</i>	<i>35.3%</i>

Services provided in 2008 included public health nursing, well/septic permitting, food handling licensing/inspection, emergency preparedness and disease surveillance, mosquito control, and weights and measures.

The Environmental Health Services staff is charged with providing a wide range of environmental health services to the residents of Sussex County. The environmental team performed 4668 inspections in 2008 throughout the 23 municipalities that receive services from the Department. They are also responsible for conducting complaint investigations; food surveillance of restaurants, food sale and storage facilities; enforcing municipal ordinances and monitoring rabies and zoonosis control.

The Office of Public Health Nursing provided a wide range of services and clinics throughout the year. Likely, the most recognized programs performed by the Public Health Nurses are the Influenza or "Flu" clinics held at location within each municipality for the convenience of residents. The Flu clinics are a part of the "Take It to the Street" initiative by the Department of Environmental and Public Health Services where attendees can receive influenza, pneumococcal, and/or tetanus vaccines, as determined by the nursing staff. The Public Health Nurses also held two monthly Adult Clinics and one Children's Clinic where additional Flu shots were available. In response to the New Jersey State Mandate, the nursing staff held special clinics to facilitate the new requirement for nursery school children to be vaccinated for influenza prior to admission to the schools. Overall, in 2008, the Office of Public Health Nursing administered 4,418 flu vaccines to both County residents and employees.

The Health Educators presented various programs throughout the year to diverse audiences on topics that are potential health concerns for Sussex county residents. Several of the programs incorporated awareness

education on types of cancers including breast cancer, cervical cancer, skin cancer, and prostate cancer. An employee walking program was completed during September and October to increase the number of steps taken by County Employees. A County-wide hand hygiene program was conducted for the staff of all Long-term Care Facilities to reinforce the concept of prevention as it pertains to the spread of infection. The Health Educators incorporated the use of a hand-held germ testing machine during many hand hygiene programs held for community groups of all ages to teach the importance handwashing. Some other programs performed included Methicillin Resistant Staphylococcus aureus (MRSA), Diabetes, body mass index and portion control, pandemic influenza, preparing for emergencies, and a special program that educated seniors on types of herbs and their interaction with prescriptions drugs.

The Public Health Emergency Preparedness team performed a full-scale Point of Dispensing (POD) exercise in November of this year. The exercise was designed to test Sussex County's readiness for mass dispensing of medications during a real world event, as a part of the continuing effort to prepare for a public health emergency. The Sussex County Department of Environmental and Public Health Services, in coordination with the Sussex County Domestic Preparedness Task Force, State, County, and Local agencies participated in the exercise to evaluate the effectiveness of the current Public Health Emergency Response Plan to determine the capability of the public health workforce to efficiently distribute 'mock' medications to large numbers of people in a mass clinic. The team documented both strengths and weaknesses that were discovered during the exercise and used these outcomes to make the necessary revisions to the plan.

Department of Environmental and Public Health Services

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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 programs within the Department of Environmental and Public Health Services. These programs include the Public Health Emergency Preparedness Program, Environmental Health, Public Health Nursing, Special Child, Mosquito Control, Chest Clinic, HAZ-MAT, Weight and Measures, and Medical Examiner's Office. The Health Department currently provides health and environmental services to 22 communities in the county. Since September 11, 2001, the field of Public Health has expanded to include preparedness for terrorist events involving biological and chemical agents. The department also works in conjunction with other public safety agencies.

In 2007, the Sussex County Board of Chosen Freeholders declared a resolution that separated the Division of Health from the Department of Health and Human Services. On January 1, 2008, the Department of Environmental and Public Health Services was established and Mr. Yardley was appointed as the new department's administrator. The Department of Environmental and Public Health Services now includes Environmental Health Services/CEHA, the Office of Public Health Nursing, Public Health Emergency Preparedness Program, Special Child Health Services, Weights and Measures, Office of Mosquito Control, HAZ-MAT Response and the Medical Examiner's Office.

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 key roles of management and leadership include, but are not limited to, planning, organization, public health staffing, coordination and response, budgeting, assessing, evaluating, and reporting.

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. Another key function of administration is to obtain the financial support necessary to perform the departmental tasks. They acquire and complete grant applications, in addition to, monitoring and reporting on grant expenditures and activities. They plan and prepare the annual budget, and plan for emergencies and future health needs of the community.

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. The establishment of the current 2-1-1 feature allows for even greater distribution of public health information for the residents of Sussex County. It provides an avenue for the dissemination of information from the local department regarding local health concerns and uses internal and external resources.

Environmental Health Services

including:
CEHA (County Environmental Health Act)
& HAZ-MAT Program



Mission Statement:

To assure the provision of a modern and manageable array of environmental health services to citizens of Sussex County.

Environmental Health Services

The Environmental Health Services team consists of 3 Chief Registered Environmental Health Inspectors (REHS), 1 Principle REHS, and 13 REHS staff members. Their 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 REHS staff inspects 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
 - including gas stations, idling, dry cleaners, odors
- Safe Drinking Water Act
- Noise
- 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.

State of the Art hazmat equipment including response vehicles, air monitoring instruments, personal protective equipment, and De-Con units were all paid for through Homeland Security Grants received from the State and Federal Government with very little impact from county tax dollars.

**Environmental Health Services – Total Township Inspections from
Comparison between 2007 and 2008**

Environmental Health Services - Total Township Inspections – 2007

TOWNSHIP NAME	SEPTIC INSPECTIONS	WELL INSPECTIONS	NUISANCE INSPECTIONS	WATER TEST SITES	FOOD INSPECTIONS	TWP TOTAL INSPECTIONS
Andover Borough	35	3	12	0	19	69
Andover Township	348	41	7	31	49	476
Branchville Borough	20	0	0	1	14	35
Byram Township	337	24	9	17	61	448
Frankford Township	279	37	1	87	184	588
Franklin Township	13	4	24	70	78	189
Fredon Township	85	7	2	13	20	127
Green Township	176	4	2	12	15	209
Hamburg Borough	0	0	10	37	29	76
Hampton Township	227	16	39	41	70	393
Hardyston Township	312	13	8	12	44	389
Lafayette Township	93	4	0	8	31	136
Montague Township	249	16	2	48	30	345
Town of Newton	8	2	4	216	120	350
Ogdensburg Borough	76	0	42	0	15	133
Sandyston Township	192	13	14	24	18	261
Sparta Township	483	3	2	99	122	709
Stanhope Borough	2	1	6	0	32	41
Stillwater Township	173	12	6	24	41	256
Sussex Borough	0	0	37	29	19	85
Vernon Township	0	0	5	5	0	10
Walpack Township	0	0	0	0	2	2
Wantage Township	595	76	9	10	62	752
Total Inspections	3703	276	241	784	1075	6079

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
Total Inspections	2379	72	206	830	1181	4668

NEW JERSEY DEPARTMENT OF HEALTH AND SENIOR SERVICES
 Division of Epidemiology, Environmental, and Occupational Health
 Infectious and Zoonotic Diseases Program
NEW JERSEY ANIMAL RABIES CASES BY COUNTY AND SPECIES
 January 1- September 30, 2008

COUNTY	Raccoon	Skunk	Fox	Cat	Groundhog	Bovine	Equine	Dog**	Ferret	Other Domestic*	Deer	Other Wild**	Total Terrestrial	Bats		
Atlantic	11	197	13	1	8	1							14	240		
Bergen	4	200		30	1	13			1	1		1	8	321		
Burlington	5	338	2	17	1	30	6					1	8	444		
Camden	4	103		1	1	16	1						5	131		
Cape May		94		2		2						1	0	118		
Cumberland	4	155		2		6							5	196		
Essex	2	111		1	13	5		1	1	2	1		4	153		
Gloucester	14	117	1	6	14	1	1						17	181		
Hudson	1	7		4		4							1	15		
Hunterdon	4	339		4	23	8		1	1	1	4	1	6	420		
Mercoer	5	281		7	1	12	1	4	1				8	318		
Middlesex	6	146	2	56	1	2	15	9					9	228		
Monmouth	10	353	1	41	14	23	10	1	3				11	445		
Morris	6	362	2	79	1	9	19	11	1			1	9	487		
Ocean	10	273	1	60	11	2	23	8	1				13	376		
Passaic	9	140	4	40	4	15	1	8			1	1	14	211		
Salem	3	36	1	7	1	1	3	1	1				6	49		
Somerset	5	292	44	7	2	15	8		2	3			7	372		
Sussex	5	224	1	99	9	1	15	20	3				1	373		
Union	2	93		26		9							2	128		
Warren	3	233	2	57	12	19	8			1	2	2	5	339		
Unknown	1												0	1		
TOTAL	113	4095	24	833	5	121	11	314	4	122	0	11	0	159	5546	49

NUMBERS IN WHITE COLUMNS REPRESENT YEAR-TO-DATE TOTALS (January 1 through September 30, 2008)
 NUMBERS IN SHADED COLUMNS REPRESENT EPIZOOTIC TOTALS (January 1989 through September 2008)

*Other Domestic includes 9 rabbits, 1 goat and 1 sheep
 **Other Wild includes 3 otters, 2 opossums, 2 coyotes, 2 beavers, and 1 bear
 ***One dog diagnosed in Essex County during 2008 acquired rabies in Iraq and became ill shortly after importation into NJ

Summary of Rabies Specimens Tested and Positive Cases by Year, New Jersey		
Year	Specimen Tested	Total Cases
2005	2944	241
2006	3329	264
2007	3384	284
2008	2791 (to date)	208

Cats have accounted for 89% of the domestic animal cases since 1989. For the last 5 years there has been an average of 17 cases in cats per year.

COUNTY ENVIRONMENTAL HEALTH ACT
SUSSEX COUNTY
2008 QUARTERLY ACTIVITY ENFORCEMENT REPORT

	# of Facilities	# of Required Inspt	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	Year To Date	Comments
I. AIR POLLUTION CONTROL								
A. Dry Cleaner Inspt	15	5	0	0	3	2	5	
B. Gas Stations	85	20	0	2	3	16	21	
C. Other Delegated B Source Inspt	139	55	12	2	26	15	55	7 4th Q inspections plus 8 hrs idling
1. New Facilities			0	0	0	0	0	
2. Existing Facilities			12	2	26	15	55	7 4th Q inspections plus 8 hrs idling
D. Complaint Investigations							0	
1. DEP Referrals			87	32	23	21	163	
2. Citizen Complaints			3	4	5	0	12	
II. SOLID WASTE CONTROL								
A. Operating Sanitary Landfill Inspt								
1. Major	1	1	0	0	0	1	1	
2. Minor							0	
B. Transfer Stations/MRF Inspt							0	
C. Resource Recovery Facility Inspt							0	
D. Class A Recycling Center Inspt	2	2	0	0	0	2	2	
E. Class B Recycling Center Inspt	2	2	0	0	0	3	3	
F. Exempt and Limited Class B Inspt							0	
G. Class C Inspt							0	
H. Exempt Compost Facility Inspt	6	12	0	6	0	7	13	
I. Intermodal Facility Inspt							0	
J. Farmland Mulch Site Inspt							0	
K. Convenience Center Inspt	8	8	0	0	0	8	8	
L. Contaminated Soil Generator Inspt							0	
M. Closed Landfills							0	
N. Exempt Hauler Interviews			104	80	67	29	280	
O. Exempt Hauler Investigations							0	
P. Recycling Investigation/Surveys		50	1	6	0	91	98	
Q. Truck Checks		25	0	9	0	16	25	
R. Container Inspt		25	13	1	1	10	25	
S. Transporter Route Investigations							0	
T. Waste Flow Investigations							0	
1. NOVs							0	
2. NOVs/PA							0	
3. Penalties Assessed							0	
4. Penalties Collected							0	
U. Complaint Investigations							0	
1. DEP Referrals			2	5	10	3	20	
2. Citizen Complaints			16	25	15	1	57	
III. HAZARDOUS MATERIALS								
A. Emergency Response Actions							0	
1. DEP Referrals						16	16	
2. Citizen Complaints			4	13	18	4	39	
B. Complaint Investigations							0	
1. DEP Referrals			12	18	11	22	63	
2. Citizen Complaints							0	
IV. SAFE DRINKING WATER								
A. Potable Supply Inspt							0	
1. Nontransient - Noncommunity	89	45	13	0	4	25	42	
2. Transient - Noncommunity	321	80	6	24	21	43	94	
B. Complaint Investigations							0	
1. DEP Referrals			199	63	50	54	366	
2. Citizen Complaints			1	0	0	1	2	

	# of Facilities	# of Required Inspt	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	Year To Date
V. WATER POLLUTION CONTROL							0
A. Sample Collection							0
1. Potable Supplies			129	145	196	144	614
2. Surface Water			10	71	163	11	255
3. Non Potable Groundwater			0	0	0	0	0
B. Wells							0
1. Abandoned Well Investigations			1	0		2	3
C. New Physical Connection Inspt		Elective					0
D. Complaint Investigations							0
1. DEP Referrals			1			1	2
2. Citizen Complaints			13	21	4	8	46
E. Bathing Beach Monitoring							0
1. CCMP Samples							0
2. Lake Samples			0	59	128	0	187
3. Beach Closings			0	0	0	0	0
VI. NOISE CONTROL							0
A. Complaint Investigations							0
1. Citizens Complaints			0	2	2	3	7
B. Enforcement Actions			0	0	0	0	0
1. Summonses							0
2. NOVs							0
3. NOVs/Penalty Assessments							0
4. Settlement Conferences							0
5. Court Actions							0
I. SITE REMEDIATION							0
A. Regulated UST Inspt							0
1. Routine Inspt							0
2. Reinspt							0
3. Complaint Investigations							0
a. DEP Referrals						23	23
b. Citizen Complaints						6	6
4. Closure Monitoring							0
B. Cleanup Oversight							0
1. DEP Referrals			11	13	26	22	72
C. Residential UST Cases				6	58	74	138
D. Low Env Concern Case							0
II. WATER PROJECTS							0
A. Migrant Farm Sampling							0
B. Ambient Surface Water Sampling	7	35	0	35	0	0	35
III. PESTICIDE CONTROL							0
A. Landscapers	10	10	0	10	0	0	10
B. Schools	5	5	0	1	1	3	5
C. Food Establishments							0
D. Apartments (Rental Properties)							0
E. Golf Courses	5	5	0	1	4	0	5
F. Campgrounds							0
G. Retail Estabmnts (Unreg Prodts)	5	5	0	0	0	5	5
H. DEP Complaint Referrals					1	1	2
I. NOV's Issued				1	1	0	2
IV. SPECIAL PROJECTS							0
A. Right to Know		50	50	0	0	0	50
B. Junkyard Pilot Project		10	0	0	0	10	10

AIR - Facility Inspt and Complaint Investigations	Minor Source	Odors/Dust	Idling	Other	1st Qtr	2nd Q	3rd Q	Year to Date
# Inspt (permitted facilities only)	25		8		12	4	32	81
# Inspt (unpermitted facilities)					0			0
# facility/non-facility inspect. violations**	10				1			11
# complaint violations**					1			1
# grace periods provided	3				1			4
# grace periods complied with					0			0
# penalty actions	7				1	1		9
# settlement meetings					0			0
# court actions					0			0
\$ penalties initially assessed+	5200				2700		1000	8900
\$ penalties after settlement/court actions	5200				600		1000	6800
\$ penalties collected	4700				200		710	5610
WATER - Facility Inspt and Complaint Investigations	PNC's	Discharges to Water	UST	Other	1st Qtr	2nd Qtr	3rd Qtr	Year to Date
# Inspt (permitted facilities only)	25				18	24	25	92
# Inspt (unpermitted facilities)	1				0			1
# facility/non-facility inspect. violations**	1				1	1		3
# complaint violations**	50				24	8	50	132
# red tag actions (UST Program)					0			0
# grace periods provided	0				0			0
# grace periods complied with					0			0
# penalty actions	9				12	3		24
# settlement meetings	5				4	1	2	12
# court actions					0			0
\$ penalties initially assessed+	10250				13000	3000	14000	40250
\$ penalties after settlement/court actions	5125				4500	1500	6750	17875
\$ penalties collected	5000				3000	2000	2750	12750
SOLID WASTE - Facility Inspt and Complaint Investigations	SW Facilities	Illegal SW Facilities/ Dumping	Exempt Hauler Investig.	Truck Checks	Container Inspt	Recycling Investig.	Other CRTK	
# of Inspt (permitted facilities only)	31							
# Inspt (unpermitted facilities)		4	29	16	14	91		
# facility/non-facility inspect. violations**				1	3			
# complaint violations**								
# grace periods provided				1	3			
# grace periods complied with				1	3			
# penalty actions				1	3			
# settlement meetings								
# court actions								
\$ penalties initially assessed+				3000	9000			
\$ penalties after settlement/court actions								
\$ penalties collected				0	0			
SOLID WASTE - Facility Inspt and Complaint Investigations					1st Qtr	2nd Qtr	3rd Qtr	Year to Date
					0	6		31
					50	12		154
					0			4
					51			0
					50			4
					44			4
					7			4
					6			0
					0			0
					11000			12000
					2000			0

HAZMAT COST RECOVERY							
\$ costs initially assessed			6838.44	0	7340.68		
\$ costs actually recovered			0	2815.51		7340.68	
# enforcement actions							
** Record violations issued with or without penalties.							
+ Record penalties assessed in the quarter they are issued.							

NOTE: PLEASE TYPE OR PRINT CLEARLY. REPORT DUE 30 DAYS AFTER THE END OF EACH REPORTING PERIOD.

Grant Title: Sussex County – Right to Know Program		Grant Number: 92-2241-RTK-00	Amount of Grant: \$ 9,380.00	Grant Period: From 1/1/08 to 12/31/08
Name of Grantee: Sussex County Department of Health		Date of Report: 12/27/08	Period Covered by this Report: From: 1/1/08 To: 12/31/08	Quarter Covered <input type="checkbox"/> 1 st <input type="checkbox"/> 2 nd <input type="checkbox"/> 3 rd <input type="checkbox"/> 4 th
Address of Grantee: One Spring Street, Newton NJ 07860				<input checked="" type="checkbox"/> Final Report
Objective: To establish and implement a RTK Program as required by law				
LIST BELOW EACH ACTIVITY REQUIRED TO MEET ABOVE STATED OBJECTIVE				
Perform a minimum of 25 site visits/Inspections of public and private employers		12/31/08	112%	12/31/08
Provide outreach consultation service to public and private employers (telephone/visit)		12/31/08	148%	12/31/08
Participate in 5 Right to Know seminars, workshops or other RTK topic trainings		12/31/08	100%	12/31/08
distribute RTK materials to 5 events or public places		12/31/08	80%	12/31/08
assist in 2 public employee RTK training sessions		12/31/08	100%	12/31/08
attend 7 meetings of our County and Local emergency responders		12/31/08	157%	12/31/08
participate in 4 activities, drills or meetings of our County and Local LEPCs		12/31/08	300%	12/31/08
Name of Reporting Official (Print) James R McDonald III, M.S.		Title: Chief Registered Environmental Health Specialist	N.J.S.D.H. Review:	Date:
Signature of Reporting Official:				Date:

Office of Public Health Nursing



Mission Statement:

To protect and promote good health for all Sussex County citizens through direct and responsive community endeavors.

Dramatic achievements in public health during the last century have improved our quality of life. Simple hygiene measures like hand washing and sanitation were taught to people living in New York tenements by the first public health nurses during the late 1800's. Those basic, though seemingly mundane public health measures, have saved numerous lives. Public health, with its focus on prevention of illness and injury, is the quiet sentinel of the health field.

Sussex County Public Health Nursing, an office of the Sussex County Department of Environmental and Public Health Services, offers a wide variety of health-related activities and services to Sussex County residents. Its mission is to promote good health through community programs. 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.

The Office of Public Health Nursing offers numerous health clinic screenings throughout the year. Separate health screenings for women and men are scheduled at various locations throughout the county.

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. Clinic locations and dates are posted on the Internet at www.sussex.nj.us/nursing.

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. Nurses collaborate with county and state agencies in planning for maintenance of health and fundamental services in the event of local, state or national emergencies. They participate in emergency drills to make certain they are prepared for any small or large public event.

Public health nurses ensure public safety by monitoring communicable diseases and tuberculosis cases within the county. Surveillance and disease trends are monitored closely and communicated to the state Department of Health as mandated by statute. Public education about diseases and their prevention and management are the responsibilities of public health nurses.

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.

As a member of the Sussex County Council of Service Agencies, public health nurses learn what other agencies in the county offer to residents. Networking and sharing information helps all agencies serve the population in more effective ways. Close contact with the general population allows nurses to identify health needs of County residents. Their position as County agency employees permits nurses to use their knowledge of community needs in creating public policy that benefits everyone.

Program	Activity Report
Senior Club Blood Pressure Screening	<ul style="list-style-type: none"> • 165 Senior Club meetings attended throughout county • 347 nursing hours on site in field. • 99 nursing office hours • 2,290 senior BPs taken (many are repeat clients) • 1 referral for new hypertension case <p><i>Note: Plan for 2009 is to target other age groups for hypertension case finding rather than monitoring already diagnosed clients.</i></p>
Employee Health Blood Pressure Screening	<ul style="list-style-type: none"> • 4 employees monitored throughout year for hypertension
PASP (Personal Assistant Services Program)	<ul style="list-style-type: none"> • 3 home visits for nursing assessment
Communicable Disease Control	<ul style="list-style-type: none"> • 2 home visits for communicable disease control • 1,317 nursing hours for communicable disease investigations • 1,356 new communicable disease cases investigated and reported to New Jersey State Department of Health and Senior Services via CDRSS online system.
Tuberculosis Control	<ul style="list-style-type: none"> • 101 home visits for Direct Observation Therapy (DOT) • 84 nursing hours on site in field • 136 office hours
Rabies Post Exposure Prophylaxis (PEP)	<ul style="list-style-type: none"> • 11 cases followed up for PEP • 84 office hours
Childhood Lead Poisoning Case Management	<ul style="list-style-type: none"> • 2 new cases of elevated childhood lead • 2 home visits • 4 nursing hours on site in field

	<ul style="list-style-type: none"> • 37 office hours
School Immunization Audits	<ul style="list-style-type: none"> • 62 licensed preschool/child care facilities audited • 55 elementary, middle, and high schools audited • 578 1st grade retrospective audits done • 9,932 individual records audited • 816 students deficient in state mandated immunizations • 1,523 individual vaccines deficiencies found • All but 3 completely remediated by end of school year • 195 nursing hours on site in field • 310 office hours for follow-up
Child Care Health Consultation (CCHC)	<ul style="list-style-type: none"> • 75 office hours of telephone consultation for preschool and day care centers on various issues
Flu, Pneumococcal, Tetanus Vaccine	<ul style="list-style-type: none"> • 2 home visits • 16 Flu clinics at various locations in county • 4,418 flu vaccines administered • 302 pneumococcal vaccines administered • 252 Td vaccines administered • 473 nursing hours on site in field at clinics • 69 office hours for planning and follow-up
Child Health Conferences (Well-baby clinic)	<ul style="list-style-type: none"> • 12 Child Health Conference clinics • 107 clients seen 5 years and younger (preschool aged) • 223 clients seen older than 5 years (school-aged) • 133 nursing hours on site in field at clinics • 165 office hours planning and follow-up
HealthCheck Adult Clinic	<ul style="list-style-type: none"> • 27 HealthCheck adult clinics • 168 clients seen • 67 nursing hours on site in field at clinics • 55 office hours for planning and follow-up
Women's Health Screening (Cancer Screening)	<ul style="list-style-type: none"> • 2 clinics • 40 clients • 37 nursing hours on site in field at clinics • 44 office hours planning and follow-up
Men's Health Screening (Cancer Screening)	<ul style="list-style-type: none"> • 2 clinics • 62 clients • 19 nursing hours on site in field at clinics • 34 office hours planning and follow-up
Skin Cancer Screening	<ul style="list-style-type: none"> • 1 clinic

	<ul style="list-style-type: none"> • 20 clients • 11 nursing hours on site in field at clinic • 13 office hours planning and follow-up
Oral Cancer Screening	<ul style="list-style-type: none"> • 1 clinic • 6 clients • 8 nursing hours on site in field at clinic • 18 office hours planning and follow-up
Chem 18/Hemogram/Lipid Profile Screening	<ul style="list-style-type: none"> • 2 clinics • 206 clients • 36 nursing hours on site in field at clinic • 94 office hours planning and follow-up
Diabetes Screening	<ul style="list-style-type: none"> • 2 clinics • 39 clients • 7 nursing hours on site in field at clinic • 5 office hours planning and follow-up
All-Hazards Emergency Preparedness (Emergency Preparedness Nurse)	See Emergency Preparedness Team report
All-Hazards Emergency Preparedness (Other Public Health Nurses)	<ul style="list-style-type: none"> • 1 exercise • 30 nursing hours on site in field at exercise • 54 office hours related to Emergency Preparedness
Sussex County Cancer Coalition (Cancer Coalition Nurse)	<ul style="list-style-type: none"> • 13 Town Day events attended with educational information • 67 nursing hours on site in field at events • 818 persons received education • 514 office hours planning and coordination • 19 planning and coordination meetings attended @ 118 nursing hours • 4 cancer coalition trainings received • 7 cancer coalition trainings given (smoking and lung health, sun safety) @ 16 nursing hours • 441 persons received education
Sussex County Cancer Coalition (Other Public Health Nurses)	<ul style="list-style-type: none"> • 1 Town Day event attended with educational information • 7 nursing hours on site in field at events • 175 persons received education • 98 office hours planning and coordination • 8 planning and coordination meetings attended @ 50 nursing hours • 13 cancer coalition trainings given (lung cancer, sun safety) @ 30 nursing hours • 860 persons received education
Medication Management for Seniors Grant	<ul style="list-style-type: none"> • 10 medication management programs given at Senior Club sites (“Project H.E.R.B.S.”)

	<p>Herbal over-the-counter medications commonly taken by seniors</p> <ul style="list-style-type: none"> • 31 nursing hours on site in field at events • 505 people received education • 140 office hours for planning and follow-up evaluation of program (pre and post tests)
Other Health Education Trainings Given	<ul style="list-style-type: none"> • 14 health education programs given at various sites and to diverse groups not previously mentioned in annual report. Includes: <i>Diabetes Alert Day, Diabetes presentation at WMCA, Medication training for seniors (2), Heart Truth presentation, Parent Expo at Project Self Sufficiency (Healthy and Economical Snacks), New Childhood Immunization and Regulations, How to Prepare for Immunization Audits, Teen Summit with PSS, Senior Day at Selective Risk (“Shake it up, Baby”) program about movement and healthy, high fiber fruit shakes, The Heart Truth for Young Families, Healthy Eating, Summer Safety.</i> • 79 nursing hours on site in field at events • 932 people received education
Health Education Trainings Received	<ul style="list-style-type: none"> • 12 educational trainings received by staff • 145 hours of education received • Includes: <i>Meningococcal Disease Response seminar, Spanish in a Pinch, Wisdom and Beyond: Addiction, NJDHSS Pandemic Flu Plan, Audits and Beyond Requirements, Infections and Infestations, Lyme Disease Surveillance training, Diabetes Update, How to Supervise People, Safe Sleep: SIDS, Hepatitis A training, Adolescent Immunizations Update, Infectious Disease Summit.</i>
Public Service Events	<ul style="list-style-type: none"> • 3 public service events • 93 nursing hours on site in field at events • 48 office hours planning events • 691 persons attended events and received information about Public Health Nursing • Includes: <i>Sussex County Farm and Horse Show Booth Display, El Refugio Community Center Grand Opening, Sussex Middle School Health Career Day.</i>
Participation in Groups and Meetings	<ul style="list-style-type: none"> • 453 nursing hours spent in various interoffice meetings (including staff meetings) and meetings and consultation with other community agencies.

	<ul style="list-style-type: none">• Also includes monthly professional meetings of <i>Greater Passaic Valley Public Health Nurses' Association</i> and regular attendance on committees such as the <i>Meth Task Force meetings, Senior Providers' meetings, Council of Service Agencies meetings</i>
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Sussex County Cancer Coalition

Mission Statement:

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."

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. The following is a list of those organizations and their website links:

American Cancer Society	CancerCare of New Jersey
The Center for Prevention and Counseling	Compassionate Care Hospice
Dr. Min-Yen Han, Internist	First Presbyterian Church of Sussex/Betty Pluymer
Karen Ann Quinlan Memorial Foundation	New Jersey Cancer Education and Early Detection Program (NJCEED) at Saint Clare's Hospital
New Perspectives Health Care, LLC / Sharon St. Angelo, N.P.	Newton Memorial Hospital
NJDHSS Office of Cancer Control and Prevention	Project Self Sufficiency
Saint Clare's Health System	SCARC, INC
Sparta Cancer Center	Sussex County Board of Chosen Freeholders/ Harold J. Wirths
Sussex County Department of Environmental and Public Health Services	Surgical Associates of Sussex County/ Brian F. Newman, MD FACS
Sussex County Division of Senior Services	Sussex County Division of Social Services
Sussex County Office of Public Health Nursing	UMDNJ

Public Health Emergency Preparedness Program



Mission Statement:

To ensure a coordinated, timely, and effective response to a bioterrorist event, natural disaster, or other public health emergency in Sussex County.

The changing world we live in has created a great need for people to learn how to become prepared for such events as a natural disaster, a global disease, and even a terrorist attack. Our society has also become very mobile, which means that a disease originating in one state may be transferred to many other states in a single day. 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 Department of Environmental and Public Health Services continually assists the team with acquiring equipment designed to enhance Public Health Emergency Preparedness (PHEP), including [HAZMAT](#) and communications equipment.

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 twenty two 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 the Hopatcong Borough Health Department; Newton Memorial Hospital; St. Clare's Health Services; Sussex County Division of Emergency Management; Sussex County Law Enforcement; and the New Jersey Department of Health and Senior Services 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 State of New Jersey Department of Health and Senior Services has assigned a part-time Health Planner, responsible for assisting the Public Health Emergency Preparedness Team with all health emergency preparedness planning activities in the county. The team works with the planner, in addition to other State, County, and Local agencies, to test components of emergency preparedness plans through participation in local and statewide drills and exercises. These drills/exercises are designed to test, evaluate and enhance our ability to protect the public in the event of a health emergency or terrorist attack. After evaluation of the exercises/drills, the team is able to determine if any revisions must be made to plans prior to the occurrence of an actual emergency, as well as, the capability of our public health workforce.

Another component to both communications and planning is the Sussex County Domestic Preparedness Task Force (DPTF), a diverse group of county professionals representing emergency management (OEM), local and county health departments, law enforcement, hospitals, mental health providers and local businesses. The DPTF meets monthly to share preparedness activities, enhance communications and plan for upcoming exercises. A member from the Public Health Preparedness Team serves as a co-chair for this task force.

"Syndromic surveillance" is another activity performed by the team. This term applies to surveillance using health-related data that precede diagnosis and signal a sufficient probability of a case or an outbreak to warrant further public health response. Syndromic surveillance has been used to target investigation of potential cases and the team uses this method for detecting outbreaks associated with bioterrorism. The Public Health Preparedness Team also monitors visits and admissions to local hospitals, reports on Influenza Like Illness (ILI) at local institutions, and reports certain communicable disease cases to the Centers for Disease Control and Prevention.

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

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

The PHENS Coordinator 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). By strengthening information access among local and community partners, the PHENS Coordinator can assure rapid notification of public health events or information that may impact the health of the community. Trained in the use of communication technology, the PHENS Coordinator can receive and

transmit information to the CHAIN 24 hours per day, 7 days per week, regardless of location.

The Medical Reserve Corps (MRC) coordinator is charged with recruiting, training and retaining volunteers to respond in a Public Health emergency. MRC volunteers would help augment the Sussex County Department of Health's response to a public health emergency.

- NJ LINCS Messages Received and Sent (messages are sent via email as well as broadcast fax):
- 1 Public Health Alert
- 15 Public Health Advisories
- 45 Public Health Updates
- 65 Public Health Information
- Completed National Association of County and City health Officials (NACCHO) Capacity Building of the Medical Reserve Corps Grant.
- Conducted five Emergency Notification Exercises involving Sussex County Staff, Medical Reserve Corps Volunteers, and Receiving/Staging/Storing and Point of Distribution sites contacts. Completed After Action Reports for all exercises.
- Participated in the planning, set-up and After Action Report writing for the Point of Distribution (Mass Med) exercise conducted at High Point Regional High School on November 13, 2008.
- Participated in the New Jersey Emergency Medical Services Conference at the NJDHSS PHENS table, as required by the Local Core Capacity for Public Health Emergency Preparedness Grant.
- Participated in the Newton Memorial Hospital Anthrax Exercise utilizing LINCS.
- Conducted four Medical Reserve Corps Trainings.
- Deployed Sussex County MRC to participate in Mass Med Exercise.
- Attended the Region II & III MRC Conference.
- Attended four NJDHSS PHENS Coordinator meetings.
- Attended one NJDHSS MRC Coordinator meeting.
- Attended 24 Sussex County Public Health Emergency Preparedness Program meetings.
- Attended 24 Sussex County Environmental Health Program meetings.
- Completed 6 training courses.
- Continuously updating CHAIN database.
- Continuously performing various MRC administrative duties.

Health Education/Risk Communication

The Health Educator is responsible for the design and delivery of county-wide bioterrorism/public health emergency-related training, distance learning coordination, training needs assessment and curriculum design and development for bioterrorism and other public health emergency preparedness related issues. The Health Educator collaborates 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. Training sessions are accomplished through a variety of methods including classroom instruction, self-study materials, online training and assessment, videos and certification testing. Additionally, the Health Educator is actively involved in designing flyers and brochures for the Division of Health and coordinates the use and maintenance of educational equipment, including satellite program downlinks, resources and materials. The Health Educator also provides course updates for public health and emergency preparedness training and coordinates trainings with other professional organizations related to public safety and education.

The Risk Communicator uses 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. Additionally, the Risk Communicator works 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.

Meetings Attended

- Attended 16 Emergency Preparedness Team Meetings
- Attended 16 Environmental Team Meetings
- Attended 13 Health Educator Meetings
- Attended 4 Chamber of Commerce - Wellness Committee Meetings
- Attended 2 Community Partnership for Healthy Adolescents Meeting
- Attended 4 HERC meetings
- Attended 5 Sussex County Domestic Preparedness Task Force Meetings
- Attended 6 Public Service Announcement meetings
- Attended 10 Sussex County Newsletter meetings
- Attended 5 Cancer Coalition meetings

Emergency Preparedness Grant Activities/Risk Communication

- Contributed to the 2nd Place Sussex County Public Health Emergency Preparedness Program Booth at the State Fair
- Completed 8 hours of program set-up for the NJ State Fair

- Participated in 2 Video Conference Testing
- Completed 22 hours of Grant Activities and reporting
- Participated in 5 Emergency Preparedness exercises, including Hotline Exercise, Operation MassMed, Operation Media Frenzy, Communication Call-down, RSS Facility Site Set-up and completed 87 hours of preparation
- Completed 2.5 hours of training with Epidemiologist on Emergency Department Surveillance Influenza-Like Surveillance and to serve as her back-up
- Developed 17 press releases and disseminated them to local media
- Attended 18 hours of Orientation/new employee training with Emergency Preparedness Team staff and New Jersey Dept. of Health and Senior Services

Health Education – Training and Outreach

- Completed 49 hours of Health Education research
- Participated in the completion of Prostate PSA for 7 hours
- Developed 4 articles for the Sussex County Newsletter
- Developed an article for the Town of Newton Newsletter
- Performed 9 hours of SC Website development – submission of new information
- Completed 43 hours of course administration through New Jersey Learning Management Network for the Sussex County staff and Medical Reserve Corps members training
- Provided 11 courses for Sussex County staff and Medical Reserve Corps members
- Performed 106.5 hours of Health Education outreach programs including Emergency Preparedness, Hand Hygiene, Sun Safety Behaviors, Cancer Awareness, Senior Health, Expo on Health, Walking Programs
- Created 4 Health and Environmental brochures, including Outdoor Woodboilers, School Exclusion List for Schools and Parents, Employee Wellness and spent 21 hours preparing/updating all Department brochures
- Attended 4 Conferences on Emergency Preparedness and Health Education, including the CDC's Assessment Initiative Conference, FEMA Conference on Special Needs Population, PHACE Conference, NJ SOPHE Mid-Year meeting
- Completed 77.5 hours of Health Education and Emergency Preparedness Training courses
- Received certification in WMD/Incident Defensive Operations Training
- Conducted an Employee Wellness–Walking Program in collaboration with Nurse Health Educator – 10 hours
- Completed 52.5 hours of mentoring intern
- Completed 8.5 hours researching available grants

- Set-up meeting/seminars for Construction Code Officials/Septic Contractors/Engineers & Mayors/ Construction Officials/Residents, developed materials for distribution, disseminated invites for meeting, attended meetings, and completed follow-up – 37 hours
- Collaboration with YMCA on Walking Program Planning – 6 hours
- Assisted Special Child Health Services Coordinator with programming – 1.5 hours
- Assisted with Medical Reserve Corps trainings – 8 hours

Epidemiology

Epidemiology is the study of the distribution and determinants of disease and/or injuries in a population. The Regional Epidemiologist is 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.

It is the Epidemiologist's responsibility 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.

The Epidemiologist is a 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.

Activity	Description
Newton Memorial Hospital and St. Clare's Hospital, Sussex Campus Emergency Departments visits and admissions	Receive, process, investigate, save and submit data to NJDHSS. Number of Blips investigated
Influenzas-Like-Illness Surveillance System	Receive, enter data into CDRSS, process, investigate, and submit data to NJDHSS.
RODS-Over the Counter Medication Sales	Receive, process, save data and investigate increases as needed.
RODS-Hospital data (Out of the County)	Receive alerts, process, investigate and report findings to local partners and to the NJDHSS
First Watch/911/CENCON Surveillance System	Receive alerts, process, investigate and report findings to local partners and to the NJDHSS. Number of alerts investigated

EpiX	Receive information on daily basis, share with local partners and others as needed and as instructed by the EpiX administration. Number of messages shared
Regional Project: Surveillance & GIS	The northern NJ Epidemiologist is evaluating the possibility of exporting data from all surveillance systems available and apply it to the GIS platform
CDRSS	Monitor the CDRSS 24/7. Assist with case investigation as requested and analyze data in comparison with previous year's data. Investigate any suspected cluster of cases
Cases	Case investigations
Outbreaks	Outbreak investigations. Writing Outbreak Reports
Meetings	Number of meetings attended (full day meeting) Number of meeting attended (not a full day)
Conferences	Number of conferences attended
Trainings	Number of full day trainings attended
Communicable Disease for MRC volunteers Presentation	Plan for the program
Educational	Teaching a course: Emergency Preparedness taking personal responsibility, SCCC Hepatitis A educational program coordination
School Exclusion List	Reviewed, discussed with the NJDHSS/CDS Disease Primaries
Handwashing Educational Program for Long Term Care Facility Staff Members	Number of Long Term Care Facilities, program provided to. Number of presentations provided Number of staff members who attended the program

Information Technology

"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, local health departments and Sussex County Division of Emergency Management."

- Attended 35 Emergency Preparedness Team Meetings.
- Attended 9 Sussex County Domestic Preparedness Task Force Meetings.
- Provided 66 hours (8 days) serving on Outbound 9-1-1 Committee and Telecommunications Working Group (TWG)
- Attended 1, 8 hour Defensive Driving Class at Sussex County Public Safety Training Academy

- Attended week long JavaScript training course in Reston, VA
- Provided 87.75 hours (11 days) of meeting, design, and development effort to Sussex County Cancer Coalition web site, banner development, CD creation, miscellaneous other materials.
- Contributed to the prize winning Sussex County Public Health Emergency Preparedness Program Booth at the State Fair.
- Completed 127.25 hours (16 days) of requirements and design on Garrison modules including First Responder and Fixed Facility databases and Food module.
- Provided 89.6 hours (11 days) of desktop support to Health Department personnel. Reduction caused by revocation of administrative rights to Inspector's PCs.
- Provided 520.75 hours (65 days) of meeting, design and development effort on Sussex County Web site and Sussex County Electronic Newsletter.
- Published 12 monthly County newsletters and two Extra! editions.
- Provided 89 hours (11 days) participating in 1 Mass Clinic Exercise, Operation MassMed in Sussex County.
- Participated in approximately 45 bi-weekly Video Conference tests with NJDHSS Health Operations Center in Trenton.
- Provided 124 hours (15 days) of meetings, design and development effort on original Public Service Announcements.
- Released 3 Health Department PSAs: Food Safety, Recycling, and Prostate Cancer.
- Hundreds of DVD copies distributed around state and to media outlets.
- Created Retail Food Establishment Resources CD.
- Created 700 Food Service Resource CDs for distribution by Food Inspectors.
- Provided 26.5 hours (3 days) serving as backup Epidemiologist for daily hospital surveillance, monthly, and primary during summer of 2008
- Provided 58.75 hours (7 days) serving as backup LINC'S Coordinator.
- Provided 43.25 hours (5 days) database development and enhancements on CHAIN, EPI, and Yellows databases.

Some new web content published (221+ pages) included:

14 Mosquito Control Page updates	Agriculture Survey	Amphitheater Grand Opening	BCF 2008 Meeting Schedule	Birding Brochure
2008 County Budget	Agritourism	Andover Borough	BCF Agendas	Birding Lodging
AARP Safe Driving	Survey	Andover Shared Services	BCF Minutes	Branchville Boro
Add survey marquee	Alcohol Awareness	Arts & Heritage	Bed Bugs	Bridge
	Month	Autism	Bike to Work Week	K07/K09
	Alliance Work Partners	Awareness	Birding and Nature Festival	BT Team
				BT Team Page

Caregiver Expo	Farmer's	Land	PHN Fall	Senior
Caregiver	Market	Development	Clinics	Day/Transit
Survey	Farmland	Standards	PHN FAQ's	Awards
CASA	Preservation	Legal terms of	Planning	Senior Farmers
CEHA	Farmland	use	Checklists	Market
Cervical Health	Preservation	Library	Planning Form	Senior of the
Awareness	Milestone	Databases	Planning Home	Year
Chest Clinic	Flu Clinic	Library Home	Page Update	Senior Services
Child Abuse	Update	Page	Preliminary	Senior Services
Prevention	Food Safety	Library JAWS	Project Plan	VITA page
Month	Food safety	story	(DCSS)	Shade Tree
CHIP Page and	after power	Library	Prescription	SHIP Page
news article	outage	Reading	Plan	Skin Cancer
Clean up old	Food safety tips	Program	Project Healthy	Screening
news items	Foodstock	Library Story	Living	Slide Show
Community	Forbes	Contest	Project	Update
Svcs. Home	Freeholder	LINCS Page	Homeless	Smokeout
Construction	Contact Info	Loop Bus	Connect	Social Services
code board of	Freeholder	Transit Alert	Project	Contact Us
appeals	Meeting	Lunchfest	Homeless	Social Services
Construction	Schedule	Lusscroft	Connect	Home
Code Board of	Freeholder	Lyme Disease	Outcomes	Special Child
Appeals form	Pages	News Item	Prosecutor	Spray Schedule
center	Freeholder	Media Page	Contact #'s	Spring Slide
County Budget	photos	Medication	PSAP	Show
County	Friends of the	Awareness	Consolidation	Springfest
Directory	Library	Mental Health	Public Health	Events
County	Gang	Board	Nursing	Calendar
Tourism	Awareness	Mental Health	Rabies	Stanhope
Courthouse	Training	Month	Rabies Clinics	Borough
grand opening	Gingerbread	Money \$mart	Radon	State Parks and
Creating new	Castle Bridge	Money\$mart	Recycling	Forests page
Cit-e-Net users	Ginnie's House	story	Enforcement	Staycation
and updating	Hampton Twp	Mosquito	Recycling from	Strategic
user guide	Hardyston Web	Mosquito	Fisher	Growth
DCSS new site	Site	Control	Relay for Life	Appendix C
DCYS Home	HAZ-MAT	Mosquito	Rename	Strategic
Dead Birds	Health	Control news	departments on	Growth Plan
Page	Education	Mosquito Spray	main web site	Stuff the Bus
Dental Form	Topics	Schedule	pursuant to	Substance
DHS Email	Health Home	Municipal	changed SC	Abuse
Contacts	Health Topics	Alliance	Administrative	Substance
DHS	Healthy Living	Municipal	Code	Abuse Needs
Leadership	Festival	Alliance Needs	Rename SC	Assessment
Photos	Heating	Assessment	Transit	Substance
Disability and	Assistance	Museums page	Restore news to	Abuse Plan
Disease	Herbal	My County	home page	Summer Safety
Learning	Supplements	Poster Contest	Retail Food	Tips
Network	Herb's BIO	National	Establishment	Surrogate
Economic	Page	Library Week	Resource Page	updates
Development	Historic Marker	National	S&P Bond	Sussex
EITC	Application	Medicine	Rating	Borough
Election Recap	Historic Marker	Abuse	Safe Haven	sussexcountyce
Elections	Committee	Awareness	SafeHaven	rt.com
Emergency	Home page	Month	infant	Sweet Harvest
Preparedness	marquee	NJ211 Helpline	protection act	Food Drive
Booth at the	Homestead	References	Salute to	TASE
Fair	Award	NJAC Link	Veterans	TASE Page
Env Safe	Homestead	NJTPA	SC	Transit
Syringe	Brochure	Open Space	Administrative	Transit News
Disposal	Homestead	Pgm	Code	Story
Env. Home	Happenings	Open Space	SC	Transit on
Env.	Homestead	Web Pages	Surrogate(5/6)	Home Page
Home(team	Home	Operation Mass	SC Youth in	Menu
Photo)	In Good	Med Recap	Govt Day	Transit Safety
Environmental	Company	Osteoporosis	SCCC Trustees	Awards
Enforcement	Influenza PSA	Outdoor Wood	School	Transit Survey
Contacts	JDC	Boilers	Exclusion List	Update all
Environmental	Knoll Shared	Partnership	SCMUA	Mosquito
with PSA	housing	Page	Senior Day at	Control Pages
EP Home		PASP	the Fair	add parent page
Ernie Kosa				Update Env

Update home
page and fix
MRC news
item
Update
MoneySmart
Events
Schedules
update RSS
Updating 6
health web
pages to
remove
references to
Vernon Twp
HD
Upload PSA
video
Vernon HD
VITA
Volunteer Page
Walpack
Township
Wastewater
Management
Maps
Wastewater
Management
Plan
Winter Safety
Tips
Winter Season
Youth Services
Commission
Youth Shelter
Home
Youth Shelter
Volunteer

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.

Meetings Attended

- Attended 39 weekly Emergency Preparedness Team meetings.
- Attended 9 monthly Sussex County Domestic Task Force meetings.
- Participate in 8 of the monthly LINCS Public Health Nursing meetings.
 - Member of the LINCS Workgroup-
 1. Researched and created the Surge Capacity Vaccinator Training Program
 2. Developed an education program for Point Of Distribution -Just in Time Training.
- Participate in the weekly Public Service Announcement meetings.
 1. Recycling
 2. Prostate Cancer
 3. Food Safety

Programs presented

- 2- 15-2008 Presented the Receiving, Staging, Storage and Point Of Distribution training for County Health Department Staff.
- 5-28-08 Presented -Point of Distribution/Receiving, Staging, Storage Training for the Community Emergency Response Team (CERT).
- 6-25-08 Presented -Point of Distribution/Receiving, Staging, Storage Training for the Medical Reserve Corp (MRC) volunteers.
- 7-31-2008 Presented "Hand washing and the Prevention of Spreading Germs" at Children's Day at the Sussex County Fair.
- 8-14-2008 Presented Surge Capacity Vaccinator Training Program for Public Health Nursing staff.
- 8-25-2008 Presented Surge Capacity Vaccinator Training Program the Medical Reserve Corp (MRC) volunteers.
- 9-23-2008 Presented "Emergency Preparedness-Taking Personal Responsibility" at the Sussex County Community College.
- 10-15-08 Presented the Point of Distribution/Receiving, Staging, Storage Training for the Medical Reserve Corp (MRC) volunteers.
- 12-03-2008 Presented an Emergency Preparedness Presentation to Karen Ann Quinlan Hospice staff.

Exercises Participation

- 7- 15-2008 Participated in the POD Communication Exercise “Media Frenzy”.
- 9-4-2008- Participated in the Hotline Exercise to verify contacts and readiness for duty for MRC volunteers
- 11- 13-2008 Planned and participated as an evaluator in the full scale “MassMed” Exercise.
- Tasks Updated and revise the Point of Distribution Plans.
- Preparing the After Action Report for the Point of Distribution exercise.
- Working on the Strategic National Stockpile supply storage area.

Programs attended

- 1-24-2008 Attended the Meningococcal Disease and Risk Communication.
- 3- 28-2008 Participated in the New Jersey Department of Health and Senior Services, Local Technology Assessment Review (LTAR) visit.
- 4-1-2008-Attended the Spring Infectious Disease Summit.
- 4-24-09 Attended-Community Associated MRSA for Health Professionals.
- 4-30-2008 Attended the Pandemic Influenza Crisis and Emergency Risk Communication.
- 5- 6-2009 Attended Spanish in a Pinch.
- 5-15-2008 Attended the NJDHSS Operational Pandemic Plan: What’s It All About.
- 6- 4-2008 Attended the Pandemic Flu Plan Roll Out.
- 10-16-2008-9-3-2008 Obtained Cardiopulmonary Resuscitation recertification.
- Webinar- Mass Antibiotic Dispensing: Engaging At Risk Populations.

Public Health Practice Standards Partnership

The Partnership Coordinator (PC) is responsible for establishing and coordinating both governmental and community partnerships for public health assessments, strategic planning and evaluations. The PC brings together and promotes cooperation among community partners to protect and improve the health of their residents by identifying, studying and planning appropriate actions for the solution of community health problems to determine which health problems are of primary concern and which health problems can be resolved or reduced given the available community resources.

Item	Description	Number
MEETINGS		
Community Health Improvement Plan	Meetings with Consultant	2
Public Health Partnership-Meetings	Meetings with Health Officer	9
	Partnership	1
COMMUNICATIONS		
Public Health Partnership-Communications	Informational Communications	32
ACTIONS		
CHIP	Prepare CHIP for printing	2
	Review CHIP Final	
	Executive Summary	4



Special Child Health Services

Kathleen Baklarz, RN, BSN
Unit Coordinator

In 2008 Special Child Health Services (SCHS) provided services to children with special needs up to age 22 and services to children ages 0-3 in early intervention that experience developmental delays.

Special needs children include children who have a disease, defect, or condition that interferes with normal growth and development. Special needs may include children with birth disorders, chronic diseases, children born prematurely, conditions that are a result of an accident, hearing and vision problems, or children with significant delays.

SCHS helps families identify their children's needs; helps find resources for medical, financial, educational, and recreational needs; refers to local and state resources; monitors the child's progress and the family's needs; advocates for the child and helps the families become advocates; and collaborates with other professionals and agencies.

SCHS also provided services to children 0-3 who have developmental delays under early intervention. These services are provided in the home after an evaluation and are coordinated by SCHS.

During 2008 the emphasis was on providing more support to parents of newborns that were registered with the state birth registry by maintaining longer contact. Also this year an emergency preparedness plan for special needs children was developed and discussed with the families and an appropriate brochure for mailing was developed.

	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Total
Early Intervention Home Visits	71	47	55	67	60	63	46	41	74	53	42	46	665
Early Intervention Home Self-Assessment	0	0	0	0	0	3	0	0	0	0	0	0	3
Case Management	17	27	41	23	46	63	48	61	82	63	49	108	628

Direct Contacts													
Case Management Medicaid Waiver Visits	0	1	2	0	2	1	2	1	2	2	1	3	17
Case Management Initial Counseling Direct Contacts	4	9	15	10	8	11	5	6	9	7	7	10	101
Case Management Individual Service Plans Direct Contacts	0	1	5	3	1	9	3	15	10	15	5	16	83
(CICRF) Catastrophic Illness in Children Relief Fund	3	0	4	3	2	0	1	0	0	0	1	1	15
CICRF Inquiries Direct Contacts	0	0	6	3	0	8	4	1	4	4	0	1	31
Medicaid Waiver (MW) Direct Contacts	18	24	6	0	5	6	3	3	2	11	11	19	108
Outreach	0	0	0	0	0	0	0	0	0	0	0	0	0
Total													1651

CASE MANAGEMENT

Case Management - Children in Caseload - **220**

Case Management cases for 2008 – 1/08/ - 12/08 – **134** new cases

EARLY INTERVENTION

Early Intervention - Children in Caseload – 172

Early Intervention - new cases for 2008 – 1/08 – 12/08 – **235** new cases

New cases transferred from Early Intervention to Case Management –**5**

Catastrophic Illness Fund – **4**

Customers/Clients/Residents Served/Program – 1651

(Including Contracted Services)

All money we have donated - Starlight Foundation & Newton Elks

Mosquito Control



Mission Statement:

Sussex County Office of Mosquito Control is dedicated to reducing mosquito populations to protect public health and facilitate the enjoyment of the natural resources of the County.

The Office of Mosquito Control uses an Integrated Pest Management approach to controlling mosquitoes. It starts with the philosophy that a multi-faceted prevention and control plan is the most cost-effective and efficient means of controlling mosquito populations.

Source reduction, or the elimination of larval habitat, is the most effective method of preventing mosquito populations. This practice ranges from removing tires and other artificial containers from the landscape to using water management practices to render habitats inhospitable to mosquitoes. In cases where this is not feasible, controlling mosquitoes in the aquatic habitat is the preferred approach. The mosquito larvae are concentrated and limited to their aquatic habitat; they cannot escape control efforts as can adult mosquitoes on the wing. Several control agents can be employed during the larval stage. Fish ranging from *Gambusia* to native fat-head minnows are natural predators of mosquitoes and are stocked in breeding sites to provide 24 hour larval control. Biorational larvicides with active ingredients found in soil everywhere, such as Bti, are used quite extensively and offer effective control as well.

As a final line of defense, a treatment for adult mosquitoes may be applied by truck-mounted sprayer if a significant mosquito population exists. All products and applications comply with guidelines published by Rutgers University and regulations set by NJ Department of Environmental Protection.

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, CO₂-baited light traps, and battery powered hand aspirators.

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

The majority of Sussex County’s nuisance mosquito populations are produced in fresh floodwater habitat and cattail marshes. The pattern of rainfall events in 2008 resulted in a slightly below average nuisance mosquito population and allowed our office to perform well-timed aerial larviciding operations. Resident complaints were down about 40% from the previous year allowing staff to perform almost 500 additional site inspections to investigate new/changed habitat, prepare and update maps, and examine possible water management projects. There was less of a need for adult mosquito trapping in 2008 than in previous years as a consequence of the below average nuisance mosquito population.

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 CO₂-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).

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

Although nuisance mosquito populations were relatively low, vector mosquito populations remained high due to the abundance of man-made container habitat available for egg deposition. The above average temperatures in June and July along with drier than usual conditions increased West Nile virus activity statewide to levels that haven’t been seen since 2003. In response, our office increased our WNV surveillance effort and more than doubled the number of mosquito pools sent to the NJ Public Health & Environmental Laboratories in Trenton. There were 8 confirmed West Nile virus positive pools of adult mosquitoes collected from the following municipalities: Hamburg Borough, Hardyston Township, and the Town of Newton. All of the positive pools were mixed *Culex* species, which are primarily bird-biters and are the known amplification vectors of WNV. As these pools were confirmed positive, our office initiated targeted control

operations in an effort to break the local transmission cycle before bridge vector species of mosquitoes became infected. This greatly reduced the risk of transmission to humans and horses.

Source Reduction

Source reduction is the alteration or elimination of mosquito larval habitat which remains the most effective and economical method of providing long-term mosquito control. This approach includes emptying containers (bird baths, kiddy pools, tarps, etc.), tire removal, de-snagging streams, ditch cleaning, and water management projects in conjunction with the NJ Department of Environmental Protection. Our office empties small containers found during inspections as needed and consistently educates property owners of the need for proper sanitation on a one-on-one basis and through public service announcements. We would like to cooperate with the Clean Communities Program to develop a tire removal program. Also, it has been a goal of this office to develop a water management program for several years but we currently lack the staff and resources.

Larviciding Operations

Larviciding operations include biological (mosquito fish, etc) and chemical (conventional and microbial larvicides) controls. The public health risk from mosquitoes is greatly reduced by 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 includes aerial larviciding (fixed wing), ground larviciding (ATV or on-foot with back-pack sprayers) and storm drain treatments.

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

Our office tripled the number of mosquito eating fish stocked from 2007; eliminating the use of pesticides over the course of the season, in 15 acres of larval mosquito sites throughout 6 municipalities. The number of acres larvicided by ground was increased from the previous year, with the use of an ATV mounted spreader. Three aerial larviciding operations were conducted (May 6, August 11, & September 11) following significant rainfall events. Storm drain surveillance and treatment was tripled from 2007, due to the high West Nile virus activity. Roadside storm drains are the primary habitat of the county's *Culex* population; therefore, the drains were a high priority this year.

Adulticiding Operations

Adulticiding operations are deemed necessary when nuisance mosquito populations reach intolerable levels and/or when mosquito-borne disease is present in the mosquito population. Our office utilizes three truck-mounted and one ATV mounted ultra low volume sprayers to apply mosquito adulticides. Mosquito adulticiding operations are targeted to specific localities as needed and our surveillance effort closely monitors the effectiveness of each application.

Municipalities	# Applications	Acres Treated
5	17	3127.84

Well-timed aerial larviciding applications, favorable weather, and our increased storm drain treatment program limited the number of ground adulticiding operations needed in 2008.

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 adulticiding procedures. It is cost-effective to perform annual maintenance and follow proper storage procedures to these valued pieces of 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 chain saws and one weed whacker, numerous NJ light traps, CO₂-baited, and gravid traps. Yearly flow calibration and droplet calibration is performed on all application equipment as required by law.

Gas-powered backpack sprayers/parts maintained	Electric backpack sprayers/parts maintained	ULV sprayers parts maintained/winterized	Off-road vehicles maintained/winterized	Gas-powered hand tools maintained	No. traps maintained
6	3	3	4	3	17

Mapping

Inspectors are continually discovering uncharted larval habitat and creating new maps of this sites to incorporate into our daily routes. Our office has been working in close cooperation with the Office of GIS to completely digitize all of

our mapping and related databases for increased efficiency and accountability. We have purchased and installed the Sentinel GIS software package which integrates all of our mapping and databases for larviciding, surveillance, and service requests. The program is run out in the field on mobile hand-held devices and managed back in the office on a desktop application. We are in the process of digitizing all of our sites. In addition, we currently are running state-leased GIS tracking software on two of our truck-mounted adulticiding sprayers.

Professional Training and Continuing Education

On two occasions, three of our (formerly) four staff members attended recertification training pertaining to our commercial pesticide applicator licenses. On three occasions, one staff member attended Land Use +/-or water management seminars pertaining to Freshwater Wetland Regulation and NJDEP permitting. An educational seminar on the biology of a local mosquito species was attended by one staff. Mosquito dissection for determining parity rates was attended by 2 staff on one occasion. A seminar on the proper use, storage, and application of Bti, a larvicide, was attended by two staff members on 3 occasions. RAMP (in-house West Nile virus testing hardware) working group meetings were attended by 1-2 staff members on 3 occasions. All full-time staff and both seasonal staff were trained by the Office of GIS on the use of the county's interactive mapping and parcel search program.

Public Education

A booth was maintained by our office at the State Fair which ran from August 1-10. General mosquito biology, pesticide awareness, and mosquito-borne disease information was made available to the public; however, this year we focused on child friendly activities including a Make A Mosquito Kit and a Mosquito Deputy Activity Booklet. Both activities were a huge success and will be incorporated into our future educational program.

A public educational program is in the process of being developed and was near completion at the end of 2008. The goal of this program is to visit local elementary schools and give a 45 minute to 1 hour lesson introducing basic mosquito biology and control and introducing the practices of our office as an integrated approach to mosquito control. The lesson includes a 20 minute hands-on sessions with live and preserved specimens, identification tools, educational games/activities, and field tools.

In addition, our office hosted a calibration rodeo for 5 surrounding county mosquito agencies, which involved proper techniques for droplet calibration of a variety of ultra low volume sprayers.

Administration

An inspector resigned on June 30th and the position has not yet been filled. It was advertised, posted, interviewed and requisitioned; however, the position is currently on hold. A permanent part-time clerk was hired June 9th and currently works 20 hrs/week. One employee took a 6 week maternity leave and a 6 week Family Leave of Absence. The following permits were applied for and received in 2008: 3 Federal Special Use Permits (National Park Service-Appalachian Scenic National Trail, Wallkill River National Wildlife Refuge, and Delaware National Recreation Area) and NJ State Collection Permit for all state parks throughout the county. The following annual reports were completed and submitted: Appalachian National Scenic Trail -National Park Service, Delaware Gap National Recreational Area – NPS, Wallkill River National Wildlife Refuge-US Fish & Wildlife, Pesticide Usage -NJ Department of Environmental Protection, Pesticide Usage-NJ Agricultural Experiment Station, Partnership in Environmental Stewardship – American Mosquito Control Association and Associated Executives of Mosquito Control Work in NJ. Databases for Service Requests, Inspections, Pesticide Use, Trap Surveillance, WNV surveillance, LaCross and Eastern Equine Encephalitis Surveillance, and Employee Time Tracking were maintained.

WEIGHTS & MEASURES



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.

SCALES AND SCANNERS

- Always check for the Weights and Measures seal, indicating a scale has been tested. Each registered business also receives a Registration Certificate which should be prominently displayed.
- Check to make sure scales are set at zero prior to weighing produce. If the weight display on a scale indicates a weight when there is nothing on the scale, bring this to the vendor's attention. Any weight indicated on the scale prior to weighing of your item will result in additional cost to you.
- Be cautious of scales which appear to be in poor condition. Scales with broken glass or those which are not level are more likely to be in error.
- Make sure the shelf price or advertised price agrees with the scanner price on your receipt.

HOME HEATING OIL

- Request a specific delivery date and plan to be home at that time.
- Make sure the meter register reads all zeros before delivery begins.

- When the delivery is completed, compare the delivered gallons printed on the ticket with the gallons indicated on the meter register.

GAS PUMPS

- Check for the seal indicating that the dispensers have been tested by Weights & Measures.
- Make sure the price on the sign is the same as the price on the pump.
- Make sure attendants have reset the pump to zero before filling your tank.
- Check to make sure your receipt matches what the pump registers prior to signing your credit card form.

PROPANE

- When having your propane cylinder (the type used for barbecuing) filled by weight, make sure the weight of the cylinder and any remaining propane is not part of the total weight you are paying for.

TIMING DEVICES

- The Office of Weights and Measures registers commercial timing devices (vehicle parking meters, laundry drying, tire air pumps, car wash vacuums, etc.) annually.
- Check for seals and certificates indicating devices have been inspected.

All twenty-one counties have a Weights and Measures office. Cities with the need and/or having a population of 60,000 or more also have an office.

2008 proved to be a challenging year due mainly to the rapid rise in fuel cost, and consumer complaints because of their perception of being cheated by the gas stations. This past year we have increased scanner enforcements in the retail sales area. This has shown more violations in pricing due to the economy downsizing products, price changes, and merchants cutting staff. We were also able to get our scanning equipment programs upgraded to allow us to have less technical issues, and therefore better productivity in price controls, Evelyn Balinski was the contact person with Avery Dennison to get the upgrades to our equipment done.

Overall we have brought in over \$85,000 dollars in fines, and anticipate another \$5,000 more when all the pending court cases from 2008 are settled.

We are actively pursuing an estimate package and design for a new Fuel Prover Test Unit this year. Our present one is going on 20 years old; it is incurring more costs due to age, and difficulty in finding replacement parts for it. The original company that built this unit is now out of business and the parts are either unavailable, or have to be fabricated (which is very costly.) Ford Service says that due to the age of the unit repair cost are going to be higher.

2009 is starting off with some difficulties with personnel shortages due to injuries. In addition, we expect to see approximately 4 new large gas stations and possibly 3 new large stores this year to be added to our work requirements.

Our county continues to grow, and with that growth, commercial services for the public continue to increase, thereby increasing our work load.

Enclosed is a brief summary of 2008 Monthly State Reports.

WEIGHTS & MEASURES YEARLY REPORT FOR 2008

<u>MONTH</u> <u>OTHER</u>	<u>FINES RECEIVED</u>	<u>SCALES</u>	<u>VOLUMETRIC</u>	<u>LINEAR DEVICES</u>
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	018
May	\$3,352.00	52	124	2533
June	\$14,250.00	17	310	0195
July	\$2,950.00	42	262	07
August	\$6,350.00	59	224	012
September	\$11,100.00	25	198	016
October	\$8,450.00	0	41	038
November	\$8,050.00	7	5	022
December	\$7,250.00	76	12	0146

Total Fines \$85,237.00

Scales: Balances, Retail, Mechanical, Hanging, Weight Kits, Pill Counters
 Volumetric: Gas, Diesel, Kerosene Pumps. Heating Oil Trucks, Test Measures.
 Linear Devices: Tape/Length Measures, Speedometers
 Devices: Parking Meters, Timers



Sussex County Community Health Partnership

Mission Statement:

Working Together to Build a Healthier Community.

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. 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.



Office of the Medical Examiner

In accordance with N.J.S.A. 40A:9-46, there is established the position of County Medical Examiner who shall be appointed by the Board. As provided by State Statute he shall be a licensed physician with such training or experience as may be prescribed by standards promulgated by the State Medical Examiner by rule or regulation and as per State Medical Examiner Act (N.J.S.A. 52:17B-78 et seq.) This Office reports directly to the Public Health Coordinator (County Department Head).

<i>MONTH</i>	<i>RIMES</i>	<i>SCENES</i>	<i>VIEWS</i>	<i>AUTOPIES</i>
Jan	26	7	5	2
<i>Feb</i>	28	7	5	3
<i>Mar</i>	24	5	6	1
<i>April</i>	25	10	7	3
<i>May</i>	22	2	3	1
<i>June</i>	25	7	6	2
<i>July</i>	16	5	4	3
<i>Aug</i>	18	9	6	2
<i>Sept</i>	26	9	8	1
<i>Oct</i>	16	1	1	2
<i>Nov</i>	21	4	6	1
<i>Dec</i>	23	3	4	0
2008	270	69	61	21

YEAR IN REVIEW :

New computer for Senior Medical Investigator still needed ~ requested 2 years ago.

2008 reportable cases increased by almost 9% from 2007.