

NASSAU COUNTY

DEPARTMENT OF HEALTH



2009

ANNUAL REPORT

Maria Torroella Carney, M.D., F.A.C.P.
Commissioner of Health

Nassau County Board of Health - 2009



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Role and Responsibilities

The Nassau County Board of Health and the Nassau County Department of Health were created in 1938 by the Nassau County Charter.

Members of the Board of Health are appointed by the County Executive to five-year terms. The Board enforces the New York State Public Health Law as well as New York State and local sanitary codes.

The Board:

- Prescribes the duties of and directs the Commissioner of Health.
- Makes and publishes orders and regulations for the preservation of life and health.
- Creates orders and regulations for the supervision of nuisances and other matters detrimental to the public health.
- Restrains by injunction violators of its orders and regulations.
- Issues subpoenas, compels the attendance of witnesses, and administers oaths and compels testimony.
- Issues warrants to peace officers to enforce the law.
- Prescribes and imposes penalties for violations of, or failure to comply with, its orders or regulations or any of the regulations of the state sanitary code.

Inquiries to the Nassau County Board of Health can be addressed to:

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106 Charles Lindbergh Blvd.
Uniondale, New York 11553**

NASSAU COUNTY DEPARTMENT OF HEALTH

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NASSAU COUNTY **DEPARTMENT OF HEALTH**

2009 ANNUAL REPORT

Our Vision

The Nassau County Department of Health will lead a public health system that works to create healthy communities.

Our Mission

The Nassau County Department of Health promotes and protects the health of the residents of Nassau County. This mission is accomplished through direct services and community partnerships in the following areas:

- Prevention of environmental health hazards through assessment, regulation and remediation.
- Investigation and control of communicable diseases, including agents of bioterrorism.
- Promotion of healthy behaviors through education, outreach and training.
- Promotion of equal access to culturally and linguistically appropriate health care and allied services.
- Development and dissemination of local health data.
- Creation of innovative solutions to public health problems.

Message from the Commissioner 2009

I am pleased to present the 2009 Annual Report which is a snapshot of the Department of Health's accomplishments during the year, my second year as Commissioner of the Nassau County Department of Health.

The year 2009 was marked by the H1N1 pandemic influenza (formally known as Swine Flu) which first presented on April 26 in Nassau County. This initial case was associated with the outbreak at St. Francis Preparatory School in Queens, only 3.5 miles from the Nassau County border. The Department's successful handling of this pandemic throughout the remainder of the year involved communication, partnership and collaboration. What we learned is that with our community partners we can promote health, prevent disease and protect the residents of Nassau County.

As Nassau County Commissioner of Health, my mission is to represent the Department in the community and to protect and promote the health of the residents of Nassau County. The Department's unique relationship with Nassau County health care professionals and the community helps us to succeed in our efforts to promote our mission.

To good health,

Maria Torroella Carney, MD, FACP

HEALTH DEPARTMENT HIGHLIGHTS

Nassau County Department of Health Responds to the 2009 H1N1 Influenza Outbreak

The 2009 H1N1 influenza virus, initially termed “swine flu,” was first reported in April 2009. It was quickly determined that the virus was spreading from person-to-person, prompting the Centers for Disease Control and Prevention to activate its Emergency Operations Center in an effort to coordinate a public health response. Locally, the first suspected outbreak of H1N1 was announced by the New York City Department of Health and Mental Hygiene on April 24, 2009. The outbreak was associated with students attending the Saint Francis Preparatory School in Queens. Students from this school had traveled to Mexico during their spring break and thought to have contracted the illness there. On April 25, 2009 the Nassau County Department of Health (NCDOH) was notified of the first suspect case residing in Nassau County – an individual associated with the Saint Francis Preparatory School in Queens. Nassau County activated its Incident Command Protocol on April 25th to respond to the H1N1 outbreak. Towards the end of May, the H1N1 illness had spread to all 50 states and on June 11th the World Health Organization declared the H1N1 illness a global pandemic. On June 16th, NCDOH announced the first H1N1-associated death in the County, a female patient who was pregnant during the illness and recently given birth. At this point in the pandemic, prior to the availability of vaccines, NCDOH targeted its efforts towards vaccination planning and communication.

Planning efforts were multifaceted and led to the development of a Speakers Bureau that served to educate the public about H1N1, a conference call scheduled system with hospitals and schools throughout the pandemic, a call center to answer questions from the public, and a complex vaccination plan to deliver and administer H1N1 vaccines in Nassau County.

With the arrival of vaccines in late October, NCDOH put forth a multi-tiered vaccination plan which utilized the existing health care system in Nassau County, hospital partnerships to dispense vaccines, community Points of Dispensing (PODs), school-based vaccination clinics, outreach to vulnerable populations and activation of the Nassau County Medical Reserve Corps.

During the pandemic the Department H1N1 Call Center responded to 14,485 telephone calls and administered over 19,500 doses of vaccine through hospital partnerships and community PODs. An additional 55,000 doses of vaccines were distributed to Nassau County health care providers.



Nassau County Responds to H1N1

Women, Infants and Children (WIC) Program Moves to New Site in Hempstead

To better serve our over 5,000 WIC participants in Hempstead, WIC moved to a larger facility in October 2009. The new site, located at 160 North Franklin Avenue houses the WIC program, the Community Health Worker program and adequate space for classroom and nutrition education classes.

Nassau County Hosts US Open Golf Tournament

The 2009 US Open Golf Championship was held at Bethpage State Park in Farmingdale from June 15-22. After many months of planning, 75 temporary foodservice establishments were inspected throughout the week in the form of pre-operational, operational and re-inspections for appropriate follow-up and monitoring. New food sales records for a US Open were set throughout the entire event despite inclement weather. With over 350,000 persons in attendance during the 7 days of the event and an average of 2 meals/attendee/day (corporate catering provided 3 meals/day), more than 750,000 meals were served in conjunction with the Open. Because of the economic recession, there were fewer corporate hospitality contracts which resulted in a greater number of public tickets available and therefore, greater demand on public food concessions and sanitary facilities. The public concessionaire alone served more than 80,000 hot dogs, 40,000 cheeseburgers, and over 500,000

beverages. During the entire event not a single complaint concerning illness or improper sanitation was received.

In addition to the food service planning, the Department coordinated efforts with the USGA and three public water systems that would be providing water for a temporary water system to accommodate all facilities pertinent to the US Open. Over one mile of temporary pipe was installed, sanitized and tested for pressure and water quality. Approximately 40 yard-hydrants were used to connect high volume kitchens, catering facilities and toilet trailers to the temporary system. Each yard-hydrant was equipped with backflow prevention devices; toilet trailers had additional backflow prevention devices to prevent contamination of the system. The Department inspected the water system and conducted field tests during the event to ensure adequate pressure and disinfection of the system. All water samples collected prior to, during and at the end of the event tested negative for coliform bacteria, a cause of intestinal illness.



HEALTH DEPARTMENT MISSION

PROTECTING THE ENVIRONMENT

One of our foremost missions is to provide a safe and healthy environment for our citizens and prevent environmental health hazards. The Health Department's activities range from monitoring the quality of drinking water and protecting the county water resources from toxic spills and sub-surface contamination discharges, to assuring that recreational facilities are properly designed and operated to protect the public health.

Monster Truck Show

The Department conducts monitoring of carbon monoxide levels at the annual Monster Truck show held at the Nassau Coliseum in order to ensure a safe environment for all in attendance. As the current ventilation design of the building is

not optimally suited for this type of event, and in order to prevent carbon monoxide from reaching harmful levels, air testing equipment is continually evaluating the indoor atmosphere. At times, the Department required event staff to delay the show in order to achieve and maintain a safe environment.



Exhaust from Monster Trucks inside the Nassau Coliseum

Development of the Nassau County Bed Bug Task Force

In conjunction with the Office of the Nassau County District Attorney, the Department developed and co-chairs the Nassau County Bed Bug Task Force whose mission is to assure the best management of resources and a uniform approach to the increasing problem of bed bug infestations. With the assistance of Cornell University, the initial endeavor addressed community concerns within a local village by providing education to local tenant associations. Demonstrations provided at in-service training sessions provided a basic understanding of the pest and how to coordinate the efforts of both tenants and building management to control and eradicate an infestation. The Task Force has evolved to include regulators, tenant advocates, building owners and managers, exterminators, and other industry professionals and continues to provide in-service training to its target audience within the housing community.

Swimming Pool Safety -Virginia Graeme Baker Act

During 2009 the Department reviewed 198 engineering plans for swimming pool construction or renovation including 187 plans that were submitted by design consultants to implement the Virginia Graeme Baker Pool and Spa Safety Act federal law, which became effective on December 19, 2008. This law mandates the installation of special main drain covers and protective devices to prevent bather suction entrapment. In January 2009, the Department provided guidance to approximately 340 permitted swimming pool facilities, including Summer Camps and Temporary Residences and met with consultants, contractors, and municipalities to discuss various construction alternatives and a timeframe for compliance. A new reduced fee schedule was approved by the Board of Health in December 2008 to support the costs of this initiative.

Major Water Supply Projects

The Department reviewed and approved 24 major public water supply source, treatment, and distribution system improvement projects. This included 12 engineering reports and 12 full scale engineering plans for 5 new/renovated wells, 8 packed tower aeration (PTA) and 4 Granular Activated Carbon (GAC) organic chemical removal treatment plants, 2 iron removal plants, 2 nitrate removal plants, 2 nitrate blending monitoring and control facilities and 1 distribution system upgrading project.

The approval of 12 organic chemical removal projects reflects the continuing and increasing activity of water suppliers to address threats of supply well contamination from the migration of plumes of groundwater contamination of known and unknown sources. The approval of engineering plans for the construction of a new nitrate removal water treatment facility is also of special significance. When the construction is completed in June 2010, the plant will be the first new nitrate removal plant installed in over 30 years in Nassau County. The successful operation of this plant is expected to lead to many additional installations in water systems that have nitrate contamination in existing or potential water supply sources. Nitrate and organic chemical contamination of groundwater are the foremost problems affecting the quality of our ground water resources.

Protecting the Environment - By the Numbers

- Inspected 5,502 food service establishments
- Collected over 4,150 samples of drinking water for comprehensive testing
- Monitored the removal of 2,361 small/homeowner fuel oil tanks and 256 commercial tanks
- Commenced 310 enforcement actions for violations
- Assessed \$306,475 in penalties for violations of the New York State Sanitary Code and Nassau County Public Health Ordinances
- Set up 333 Mosquito traps at 42 locations throughout the county
- Collected 582 pools of mosquitoes for testing; 18 tested positive for West Nile virus
- Speciated over 22,815 individual mosquitoes
- Collected 23 birds for WNV testing
- Submitted 448 animal specimens for rabies virus testing
- Collected 1,609 bathing water samples for bacteriological analysis
- Investigated 1,578 general nuisance complaints

CONTROLLING INFECTIOUS DISEASES

Flu Vaccination Clinic

In March 2009, due to widespread flu illness in our region, the Public Health Emergency Preparedness staff activated a FLU POD (Point of Dispensing) at the Hicksville Community Center on March 4th. 145 Flu vaccinations were administered to Nassau County residents. Medical Reserve Corps and Community Emergency Response Team volunteers were utilized.

Sexually Transmitted Diseases (STD)

In 2009, the department verified 2,800 cases of chlamydia, 389 cases of gonorrhea and 125 cases of syphilis. The department has made syphilis case management one of its highest priorities.

STD screening is offered to all Nassau County Correctional Center inmates. Follow up and case management is provided by the Health Department for all inmates who test positive for syphilis, gonorrhea and chlamydia. In 2009, inmates made up 15% of all new syphilis cases.

Partner Notification for HIV/AIDS

In 2009, the department received 265 HIV/AIDS reports from the New York State Department of Health. Each Nassau County resident was contacted and was offered assistance notifying their contacts that might be at risk.

HIV/AIDS

The Nassau County Department of Health funds grants to community based organizations to address health disparities in HIV. Two major partners include Long Island Association for AIDS Care (LIAAC) and Long Island Minority AIDS Coalition (LIMAC.) They promote HIV testing, make referrals to care and HIV prevention services. LIMAC provided 1,208 risk reduction interventions, 998 risk reduction demonstrations and distributed 3,456 risk reduction kits. LIAAC tested 200 individuals, provided supportive case management services to over 1,000 clients, provided referrals, risk assessments, and outreach to over 2,500 residents and received over 3,000 hotline calls.

As a means of strengthening community ties in underserved areas, NCDOH participated with the Nassau County HIV Commission in the annual Heartbeats conference; a peer led educational session for junior high and high school students

throughout the county. Also, educational materials were distributed at health fairs and other educational sessions.

Nassau County has served as the applicant, grantee and initial recipient of federal funding for HIV and AIDS services under the Ryan White CARE Act since 1993, through a memorandum of understanding with Suffolk County. The grant and subsequent awards to Nassau and Suffolk programs for services to persons with HIV/AIDS are administered through a contract with United Way of Long Island.

In 2007, the combined Nassau and Suffolk County area received a reduced amount of federal funding for HIV and AIDS treatment programs under the Ryan White Reorganization Act of 2006, because the federal government re-classified this area from an Eligible Metropolitan Area (EMA) to a Transitional Grant Area (TGA.) The Ryan White grant award to the Nassau-Suffolk EMA decreased from \$6.15 million in fiscal year 2006, to \$4.49 million in fiscal year 2007 and \$4.98 million in 2008. In 2009, the award was \$6,580,797. Nassau County, in conjunction with some providers of service, consumers of service and also on behalf of Suffolk County, sued the federal government over the change in designation. Despite an initial negative outcome, the decision was overturned by the U.S. Court of Appeals and the region has been restored to EMA status.

In 2007 (last available figures), there were 3,714 people living with AIDS and an additional 2,039 individuals living with HIV in the Nassau-Suffolk EMA (HIV became a reportable disease in New York State in June 2000). A total of 51,166 units of service were provided to 4,747 clients in both counties during the 2009 contract year.

Controlling Infectious Diseases – By the Numbers

- Received 27,800 communicable disease laboratory reports
- Investigated and verified the diagnosis of 518 tuberculosis related reports
- Provided 3,355 observations for 38 confirmed cases of TB as part of the Directly Observed Therapy Program
- Certified 720 participants in the Food Manager’s Training Course and re-certified 870 in safe food handling practices
- Investigated 94 outbreaks of food borne illness.

PROMOTING HEALTHY LIFESTYLES

Safe Food Handling Training Presentations

In consideration of preventing food borne illness outbreaks, the Food Managers Training Team in the Office of Food Protection presented seminars off site to provide organizations basic concepts in safe food handling. Sanitarian Bonnie Sollog spoke with approximately 100 seniors at the Herricks Senior Center on topics relating to the storage of food taken home from frequented restaurants and the risks associated with unrefrigerated foods. Jane McKenna presented general safe food handling skills to the cafeteria staffs of all the Bellmore Merrick Public Schools. Both presentations were received with great interest and appreciation.

Asthma Control

In 2009, 9 low-income children and their families were enrolled in the asthma environmental control program bringing the total number of children enrolled to 67. The families received educational home visits to learn about asthma triggers and how to avoid them. They were also given supplies and equipment, such as air filters and mattress covers, to reduce environmental exposures.

Healthy Schools

The Healthy Schools Coalition was formed and continued to build throughout the year. It included committed partners from schools, PTAs, physicians, BOCES and Universities. Free resources were made available to all school districts in Nassau County to support their fulfillment of the WIC reauthorization of 2004 (Public Law 108-265). One component of the WIC Reauthorization Act of 2004 requires school districts to adopt local school wellness policies that address healthy eating and physical activity. The Healthy Schools Coalition provided school districts with school wellness policies, assessments and templates to assist them with their policies. The Coalition's goal is to establish strategies to help schools succeed in creating a sustainable, healthy environment for the children of Nassau County.

During the 2009 H1N1 pandemic, an active surveillance system of school districts was utilized to track daily absenteeism and conduct influenza-like illness monitoring. Active surveillance is an important component and is the primary means to reduce the spread of influenza in schools. Effective collaboration efforts between NCDOH and Nassau County schools allowed for the early identification of ill students and staff and the continuous communication and guidance to school personnel.

Nassau County Department of Health partnered with the Rockville Centre School District to vaccinate students and staff against the 2009 H1N1 Influenza. Rockville Centre was the first school in Nassau County to participate in this school-based vaccination clinic. In total, 518 staff and students in grades kindergarten through 12 at seven schools throughout the district received H1N1 influenza vaccine.

During the year education on tobacco prevention, nutrition, injury prevention and overall wellness was delivered to over 2,600 students in 30 schools.

Birth Outcomes - The Community Health Worker (CHWP) Program

The Community Health Worker Program (CHWP) is a home visiting program which assists at risk and low income women in having safe pregnancies and healthy children. The program provides outreach and case management services to pregnant women and their families in the Village of Hempstead and in the community of Roosevelt. In 2009 the program served 205 families. One hundred and thirty-three (133) infants and children were screened for developmental delays, 5 of whom were referred to the Early Intervention Program. The program also made 1,127 home visits and scheduled 852 prenatal care visits. It also collaborates with other Maternal Child Health Programs and providers across Nassau.

Childhood Lead Poisoning Prevention Program

The Childhood Lead Poison Prevention Program (CLPPP) provides comprehensive services to reduce the prevalence of elevated blood lead levels in children through a program of primary and secondary prevention, which includes: public and professional outreach and education; case management of all children with elevated lead levels through physician-based screening, diagnostic evaluation and medical management; maintenance of a comprehensive data base of all children tested for lead in Nassau County (approximately 30,000/year); and environmental assessment and enforcement of remediation wherever a condition conducive to lead poisoning exists.

In 2009 the Childhood Lead Poisoning Prevention Program:

- Received and reviewed reports of the results of 32,943 blood lead tests on children.
- Provided case management services for 149 children with blood levels $\geq 10\mu\text{g/dl}$ (micrograms per deciliter of blood).

In 2009 the Department of Health collaborated with the Office of Community Development to apply for a U.S. Department of Housing and Urban Development (HUD) Lead Hazard Reduction Grant that would supply funds for lead inspections and abatement to those that financially qualify.

Promoting Healthy Lifestyles – By the Numbers

- Provided nutrition education and quarterly food supplements to approximately 13,200 women, infants and children in the WIC Program
- Provided case management services to 139 families in the Village of Hempstead and to 66 families in the community of Roosevelt through the Community Health Worker Program

ENSURING ACCESS TO HEALTH CARE

Perinatal Services Network

The Nassau County Perinatal Services Network (NCPSN) is a Consortium of over 40 stakeholders, including health & human service providers, hospitals, community based organizations, concerned citizens and consumers. The mission of the NCPSN is to improve birth outcomes and reduce infant mortality in those communities in Nassau County that statistically show significant perinatal health disparities.

The following are the activities and accomplishments of the Nassau County Perinatal Services Network in 2009:

- The NCPSN was actively engaged at the community level in promotion of the H1N1 flu vaccination, particularly in the outreach to pregnant women. The Network hosted professional educational presentations and ensured dissemination of educational materials and flyers to targeted perinatal providers.
- The Nassau County Best Practices for Perinatal Mood Disorders Task Force (formed by the NCPSN) worked on developing a document outlining best practice standards for the screening, evaluation and treatment of Perinatal Mood Disorders.
- The NCPSN Education Committee developed three newsletters geared towards pregnant and childbearing age consumers. This newsletter is distributed by all Network member agencies as well as posted on several websites.
- The NCPSN Health Educator conducted a total of 68 educational sessions this year to pregnant teens in the Hempstead, Roosevelt, Freeport, Westbury and Inwood school districts, and also at the Nassau BOCES Teen Age Parenting Program.
- The NCPSN 2009 Annual Conference took place on Friday, June 5, 2009 at Nassau University Medical Center. The conference topic was “Breastfeeding: Building Community Support”. The conference was attended by 165 health & human service providers and the evaluations submitted by the attendees were extremely positive.

Cervical Cancer Screening

Nassau County Department of Health funds grants to community based organizations to address health disparities in access to care. With this funding, Rotacare provides cervical/uterine cancer screening to women who are uninsured or underinsured. In 2009, 123 women were screened. A range of ages of women over 18 years of age were tested with the majority of women between the ages of 35-65 years.

Cancer Education Prevention and Patient Support Program

The Nassau County Department of Health provides support for the Long Island Breast Cancer Action Coalition (1 in 9). The coalition is committed to promoting action towards finding the causes and cures of cancer, with the eradication of all cancers as the ultimate mission. The work of the coalition is conducted primarily by a group of dedicated volunteers.

Hewlett House is a free, non-profit community learning resource center dedicated to helping cancer patients and is staffed by members of 1 in 9. Programs at Hewlett House offer intelligent choices and self confidence to those with cancer, as well as to their family and friends. One of the goals of these support groups is to eliminate the social isolation, despair and hopelessness experienced by people with cancer. Participants learn how to become “Patient Active” and how to get involved in their treatment. Hewlett House is open to all residents of Nassau County without referral and at no cost. Qualified social workers offer therapy and support, education, legal services and social events as well as practical help finding wigs, bras, prostheses, head coverings, bathing suits, eyeglasses, beauty and salon makeovers and other items. Its programs and services provide innovative and creative approaches to the overall needs of patients and to their families and friends.

In 2009, Hewlett House staff provided cancer support group services to over 6,804 women, men and children and responded to over 23,001 cancer-related telephone calls.



Hewlett House cancer resource services is open to all Nassau residents

Developmental Delay Services - Early Intervention Program

The New York State Early Intervention Program is part of the national Early Intervention Program for toddlers with disabilities and their families. First created by Congress in 1986 under the Individuals with Disabilities Education Act (IDEA), the EIP is administered by the New York State Department of Health through the Bureau of Early Intervention. In New York State, the Early Intervention Program is established in Article 25 of the Public Health Law and has been in effect since July 1, 1993.

To be eligible for services, children must be under 3 years of age and have a confirmed disability or established developmental delay, as defined by the State, in one or more of the following areas of development: physical, cognitive, communication, social-emotional and /or adaptive.

During 2009, 6,752 children received Early Intervention services. These services include: evaluation, speech/language therapy, physical therapy, occupational therapy, special education, family counseling, transportation and service coordination. The EI Program is responsible for authorizing, coordinating, evaluating and paying for specialized services to children under three years of age with developmental delays, as well as providing services to their families. These services are managed through an Individual Family Service Plan with contracted agencies who act as evaluators and service providers.

Preschool Special Education Program

During 2009, 6,173 children were enrolled in the Preschool Special Education Program, which provides education-related services for eligible children ages three to five years who have a disability that affects learning. The program is administered by individual school districts' Committees on Preschool Special Education. These committees determine eligibility; write an Individualized Education Program and the schedule of services a child will receive. The County contracts with individual providers and agencies, pays providers and reconciles expenses with the New York State Department of Education.

Physically Handicapped Children's Program

The Physically Handicapped Children's Program (PHCP) serves children up to 21 years of age who live in Nassau County and have physically disabling conditions or severe chronic illness. Children who are deemed eligible by the medical director may receive assistance with non-reimbursed medical expenses, including surgical procedures, medications, and devices such as braces, wheelchairs, hearing aides and other medical equipment and supplies. Families must meet financial eligibility standards. This program also provides funding for physically handicapping orthodontic conditions.

In 2009, PHCP provided medical, surgical, rehabilitative, orthodontic and/or other related services to approximately 2000 children.

Nutrition Education Program - Women, Infants & Children Program (WIC)

WIC is a nutrition education program that provides supplemental food to pregnant, breastfeeding, and postpartum women, infants and children up to age five. WIC operates sites in Hempstead, Roosevelt, Westbury, Elmont and Glen Cove. In 2009, WIC served more than 13,200 participants. WIC participants receive nutritional counseling, medical referrals and referrals to additional social services that are available in their communities. In October 2009 the Hempstead WIC site moved to a newly renovated and spacious location which includes two class rooms, a breastfeeding room and additional room for growth. This site is conveniently located to public transportation and has public parking.

The goal of the program is to assist the families enrolled in WIC to adopt healthier lifestyle choices. In 2009, the program began to focus on delivering participant centered education based on the Value Enhanced Nutrition Assessment Model implemented by New York State Department of Health WIC Program. To achieve this goal the program began to conduct facilitated group and individual discussions to foster active participation on a variety of topics aimed at health promotion and disease prevention.

Throughout the year, WIC looks for innovative ways to engage its participant's e.g. by partnering with First Book the program has distributed thousands of culturally attractive books to preschool children in order to promote reading readiness and strengthen our relationship with various communities.

WIC recognizes that breastfeeding is the preferred method to feed infants. WIC participants receive breastfeeding information and support through counseling and breastfeeding education. All staff, including 8 Certified Lactation Counselors (CLC) is trained to provide general breastfeeding information and support. The program issues breast pumps for working moms and students.

The annual breastfeeding initiation rate for 2009 was 75.0%. The breastfeeding initiation rates are steadily increasing. All WIC sites have private or semi-private breastfeeding areas and participants can be scheduled into breastfeeding classes. Incentives for breastfeeding included maternity and infant T-shirts. In 2010, the program plans to initiate an Enhanced Peer Counselor program to increase breastfeeding initiation and duration rates.

The WIC program encourages participants to adopt healthier lifestyles and utilizes incentives such as tooth brushes and sippy cups to promote better health behaviors. Every year the program purchases incentives through its Healthy Lifestyle Grant initiative. DVD's are played at the various WIC waiting rooms to promote exercise and facilitated group discussions. "Noodle Bug" DVD's were given to encourage families to be more active at home and books promoting physical activity and healthy eating, such as "Born to Move" books were also given to the WIC families. In addition every year WIC families receive a beautiful wall calendar that includes health

messages for the month as well have nutritious and delicious recipes designed to be made from the foods they receive from WIC.

Ensuring Access to Healthcare – By the Numbers

- Served over 6,800 women, men and children in cancer-support groups at Hewlett House
- Responded to over 23,000 cancer-related telephone calls at Hewlett House
- Served 6,752 infants, toddlers and their families in the Early Intervention Program
- Provided medical, surgical, rehabilitative, orthodontic and/or other related services to approximately 2,000 children in the Physically Handicapped Children's Program
- Provided \$5 million to Nassau University Medical Center to support essential public health services such as treatment of tuberculosis and sexually transmitted diseases

INNOVATIVE SOLUTIONS TO PUBLIC HEALTH PROBLEMS

Expedited Plan Review for New or Renovated Food Service Establishments

All new and renovated food service establishments are required to submit plans in order to assure that these facilities meet all sanitary codes prior to installation and operation. In an effort to address business' concerns regarding the length of time from submittal to review due to demand load and limited resources, the Department initiated an expedited plan review option. With this option, which included payment of a fee which covered the Department's overtime costs, applicants were assured that their plans would be reviewed within five business days of receipt instead of the typical four to six weeks. The initiative was well received; half of the applicants submitting plans chose the expedited process. Local businesses benefitted as this mechanism reduced delays and hastened opening of new or renovated food service establishments while continuing the quality assurance of protecting public health.

Nassau County Child Fatality Review Team

The Nassau County Child Fatality Review Team (NCCFRT) grant was initially awarded in 2007 to the Nassau County Department of Health by the New York State Office of Children and Family Services (OCFS). The team received formal certification to conduct case reviews in December 2008. The mission of the Nassau

County Child Fatality Review Team (NCCFRT) is to review child deaths in order to better understand the causes of childhood deaths in the county and to make recommendations based on the findings to reduce future preventable child fatalities. The NCCFRT is one of two local health departments in New York State that is certified and funded by OCFS to conduct child fatality reviews at the county level. In 2009, the NCCFRT held two professional training sessions for team members and reviewed 18 cases. The team is responsible for the development and publication of Independent Reports which contain recommendations and interventions based on the reviews conducted.

Program objectives include:

- Identify and review, in accordance with law and standard protocols, all unexpected child deaths.
- Improve communication & information sharing among agencies.
- Improve the coordinated response to child deaths.
- Describe trends and patterns of child death in Nassau County.
- Identify preventable social and family circumstances which contribute to child fatalities.
- Identify & report recommended changes to legislation, policy & practice.

Health Promotion Projects

Baby Basics

Nassau County Prenatal Care Assistance Program Providers (PCAP), Medicaid HMOs (providers of insurance coverage for low income pregnant women), and community based case management programs were contacted to generate interest and encourage participation in the What to Expect Foundation's Baby Basics Program. Baby Basics is a low literacy health promotion program for at-risk expectant mothers and includes culturally appropriate materials that inform mothers on knowledge and behaviors that promote both a healthy pregnancy and baby. The Health Department has also begun development of a research proposal to evaluate the effectiveness of the Baby Basics initiative for Nassau County women.

Public Health Emergency Preparedness

The Public Health Emergency Preparedness unit works toward carrying out a mission dedicated to the safety and protection of the health of residents of Nassau County during natural and man-made disasters. In 2009, these efforts included:

- Establishing locations for Special Needs Shelters
- Special Needs Shelter Staff Training
- Pandemic/H1N1 Flu Planning
- Medical Reserve Corp Recruitment, Training and Activation
- Community Education for Public Health Emergency Preparedness for Faith and Community based organizations

- Point of Dispensing Training
- Point of Dispensing clinics for H1N1 vaccine administration
- Nassau County Police Flu Point of Dispensing
- Incident Command System for Public Health Emergencies
- Healthcare Evacuation planning
- Participating in drills and exercises
- H1N1 and West Nile Virus Presentations and Community Outreach
- Medical Reserve Corps recruitment and training

UTILIZING DATA AND RESEARCH TO DRIVE PUBLIC HEALTH PLANNING

Community Health Assessment

During the year, the Department completed the 2010-2013 Community Health Assessment (CHA). The CHA is a comprehensive report of the health status of Nassau County, and contains the most recently available data with analysis and narrative. The CHA often serves as the basis for all local public health planning and is one of the five basic services to be conducted by all local health departments under New York State Public Health law.

National Children's Study

Nassau County will become part of the largest and most comprehensive study of children's health and development ever conducted in the United States. The goal of the National Children's Study is to better understand the link between the environments in which children are raised and their physical and mental health and development. Nassau County Department of Health will work collaboratively with a team of investigators lead by nationally-recognized Drs. Philip Landrigan and Leo Trasande of Mount Sinai School of Medicine.

The National Children's Study will follow a representative national sample of 100,000 children from before birth to age 21, seeking information to prevent and treat some of the nation's most pressing health problems including autism, birth defects, diabetes, heart disease and obesity. The study will enroll approximately 1,000 newborn children in Nassau County within four years and will follow these children for 21 years. If possible, women will be identified and enrolled prior to their pregnancy so that the study can begin prior to birth.

HEALTH DEPARTMENT DIVISIONS

Department of Health – General Information & Referral (516) 227-9697

See page 39 for a listing of Health Department Programs and Telephone Numbers

OFFICE OF THE COMMISSIONER

Voice: (516) 227-9500

Fax: (516) 227-9696

Fiscal

In FY2009, the Health Department's total General Fund expenditures were \$204.0 million.

Approximately 11% of the total expenditure was incurred for Personal Services: salaries accounted for 7% (\$15.4 million) and fringe benefits accounted for 4% (\$8.1 million).

The major portion of the Health Department's expenditures, 82% (\$166.2 million) was incurred for payments to providers serving Nassau County children from birth through five years of age.

The entire expenditure for the Pre-School Special Education Program, serving children ages 3 through 5, was \$119.2 million. Expenditures for the Early Intervention Program, serving children from birth to age 3, was the second greatest cost center and accounted for \$51.9 million of the total budget.

The remaining 7% (\$14.3 million) of general fund expenditures were for general expenses, equipment, contractual services and inter-departmental charges for administration, laboratory, environmental health and public health programs.

The Health Department's revenue in FY2009 was \$111.4 million with \$93.7 million from state aid reimbursement. The remaining revenue sources were: \$11.9 million from fees and third party billings; \$4.6 million from environmental permits and fines and \$1.1 million from recoveries.

The net cost to the County in FY2009 for Health Department programs was \$92.6 million offset by county tax revenues.

The Health Department also received \$10.2 million in grant funds for twenty six (26) separate grant programs. In addition, \$6.9 million of Federal Ryan White grant funding was received and managed on behalf of both Nassau and Suffolk Counties.

Human Resources

Voice: (516) 227-9462

Fax: (516) 227-9536

In 2009, total department staffing (general fund and grant funded positions) had a net decrease of 21 employees (decreased by 24 full-time positions and increased by 3 part-time positions). The total number of employees in grant funded positions remained the same at 101 from 2008 to 2009. At year-end, there were 94 full-time and 7 part-time employees in grant funded positions. There was a net decrease of 22 full-time employees and an increase of 1 part-time employee in county funded (General Fund) positions during 2009. At year-end there were 209 full-time and 19 part-time employees in the general fund. All together at year-end, there were a total of 329 employees, 303 full-time and 26 part-time employees.

ENVIRONMENTAL HEALTH

Voice: (516) 227-9723

Fax: (516) 227-9611

The Division of Environmental Health promotes safe drinking water, food, and indoor and ambient air quality by oversight, inspection and monitoring. It protects the community from adverse effects resulting from environmental pollution, unsanitary conditions or unsafe practices. It investigates groundwater contamination and complaints, conducts tobacco compliance checks, responds to emergency spills and incidents, controls and regulates the storage, handling and disposal of hazardous material and toxic chemicals; reviews plans for residential developments of five lots or more and commercial development in non-sewered areas; monitors the abatement of household lead hazards. It inspects mammography equipment and food service establishments. It provides education to food handlers as well as investigates food-borne outbreaks and the siting of new or modified daycare facilities. The Division oversees the public health aspects of hotels, motels and recreational facilities including children's camps, pools and bathing beaches; certifies lifeguards and tattoo artists; conducts mosquito and rabies surveillance and coordinates the Nassau County Pesticide Policy. The Division is a member of several advisory committees, including the Nassau County Legislature's Feral Cat Committee, Nassau County Geographic Information System Basemap and Executive Committee, and the Nassau County Water Safety Advisory Committee.

In 2009, the Division conducted activities in the following programs:

Community Sanitation

- Received 358 requests for "Rodent Free" Inspection Certificates.
- Investigated 1,578 general nuisance complaints including rodents, overflowing sewage and lack of heat and hot water.

Enforcement

- Commenced 310 enforcement actions and assessed \$306,475 in penalties for violations of the New York State Sanitary Code and the Nassau County Public Health Ordinance.
- Coordinated and responded to over 1,800 Freedom of Information Law (FOIL) requests.

Environmental Engineering

- Reviewed and approved engineering construction plans for 101 public water supply facilities, 175 water service line backflow prevention devices, 64 toxic and hazardous material storage tanks and areas, 198 swimming pools including main drain and suction entrapment system modifications, 6 realty subdivisions, 6 commercial sanitary waste water disposal systems; evaluated the design and condition of 10 existing sanitary waste water systems for proposed restaurants and conducted 34 inspections to evaluate site conditions or completed construction.



Public Health Engineer Salvatore Caruso Inspects a Test Hole for a Commercial Sewage Disposal System in Glen Head

Food Protection

- Trained 1,598 food service workers in safe food handling procedures to help prevent food borne disease outbreaks in restaurants, delicatessens and other regulated food service establishments.
- Inspected 5,502 food establishments, including checks for compliance with the NYS Clean Indoor Air Act.
- Reviewed 199 food service establishment plans including 84 which were expedited.
- Responded to various emergencies and incidents including: 36 fires at food service establishments, and 21 other incidents at food service establishments, including overflowing sewage, floods, recalls, power outages, and vehicular accidents.



*Typical foodservice concession at US Open.
Carts were essential to logistics of inspection*

Mosquito Surveillance

- Promoted Integrated Pest Management procedures and the Nassau County Pesticide Policy that advocates the minimal use of pesticides and the avoidance of their misuse.
- Conducted inspections at 144 establishments for the purpose of verifying compliance with the signage requirements of the Neighbor Notification Law.
- Analyzed 23 dead bird reports and collected 23 birds for WNV testing, of which 1 was confirmed positive for WNV. Set 333 mosquito traps; gathered 582 pools of mosquitoes; 18 tested positive for WNV.

Public Water Supply Operations

- Conducted sanitary surveys and security evaluations at 18 public water systems, involving comprehensive compliance reviews of all mandated programs and inspections of 109 wells and 41 water storage tanks.
- Reviewed 222,853 public water system laboratory results in order to ensure the quality of the drinking water and that all monitoring requirements were met, and collected 4,197 samples for comprehensive testing.
- Interviewed and certified 35 water treatment plant operators.



*Backflow protected hydrants for commissary kitchen and employee mess tent at the US Open.
Hoses elevated or jacketed where needed.*

Radiological Health

- Inspected 187 X-ray facilities and 44 mammography units.

Recreational Facilities

- Tested 2,407 and certified 2,139 lifeguards.
- Inspected 291 swimming pools, 127 children's summer camps, 58 bathing beaches and 59 hotels and motels to insure sanitary and safe conditions.
- Conducted 13 investigations of sites for new or modified daycare facilities to ensure sanitary conditions and a healthy environment. Twelve sites were found acceptable for use as child daycare centers, and one is pending.

Residential Environment

- Investigated 28 new addresses identifying children with significantly elevated blood lead levels.
- Conducted in-service training for other County agencies regarding childhood lead poisoning in county subsidized homes.
- Developed educational materials and video for display at other County agency waiting areas.
- Investigated 247 complaints regarding air quality.

Smoking

- Conducted Adolescent Tobacco Use Prevention Act (ATUPA) compliance checks to deter the sale of tobacco to those under 18 years of age. A total of 1,947 "stings" were conducted resulting in a compliance rate of 95% by tobacco vendors.
- Responded to 49 complaints regarding smoking in places of employment.

Soil and Groundwater Remediation

- Assisted the NYS Department of Health (NYSDOH), the NYS Department of Environmental Conservation (NYSDEC) and the US Environmental Protection Agency (USEPA) by reviewing 41 Hazardous Waste Site Reports and attending 6 public meetings concerning the investigation and remediation of major sites of soil and groundwater contamination.
- Inspected 73 sewer connection sites and reviewed 15 closure reports to investigate subsurface wastewater or toxic chemical contamination discharges or spills related to on-site sanitary systems.
- Reviewed 132 Environmental Assessment reports, inspected eight sites of soil and groundwater contamination and assisted the NYSDOH, NYSDEC, and USEPA by reviewing 25 hazardous waste site reports.

Tattoo and Body Piercing

- Certified 49 tattoo artists.

Toxic and Hazardous Materials Storage Operations

- Monitored the removal of 657 small/homeowner fuel oil tanks and 243 commercial tanks.
- Monitored the abandonment of 1,704 small/homeowner fuel oil tanks and 13 commercial tanks.
- Conducted 622 toxic and hazardous material storage facility inspections, including 518 sites regulated under the New York State Petroleum Bulk Storage delegation program.

Zoonoses

- Responded to 702 reports of animal bites and submitted 448 animal specimens for rabies virus testing, of which 1 bat was confirmed positive.

COMMUNICABLE DISEASE

Voice: (516) 227-9496

Fax: (516) 227-9614

To report a Communicable Disease Mon-Fri 9am- 4:45pm

(516) 227-9496

After hours/Weekends

(516) 742-6154

The Bureau of Communicable Disease protects the public from the spread of communicable diseases through surveillance, investigation and actions to prevent the spread of disease. Some of the actions taken to prevent outbreaks include: immune globulin prophylaxis for individuals exposed to hepatitis A and exclusion of young children with diarrheal diseases from day care and/or kindergarten programs. The Bureau also maintains a 24hour public health consultation service for reporting of notifiable diseases and physician consultation. In 2009, the Bureau received and reviewed 27,800 laboratory reports of communicable diseases and verified the diagnosis of 8,600 of these reports.

In 2009, the division:

- Received and reviewed 27,800 laboratory reports of 72 mandated communicable diseases.
- Verified the diagnosis of 8,600 reports of communicable diseases.
- Investigated and verified the diagnosis of 518 tuberculosis related reports.
- Provided 3,355 observations for 38 confirmed cases of TB as part of the Directly Observed Therapy (DOT) Program.
- Identified and tested 267 persons in contact with infectious TB individuals.

- Received and reviewed reports of the results of 32,943 blood lead tests on children.
- Provided case management services for 149 children with blood lead levels >10 ug/dl (micrograms of lead per deciliter of blood.)

HIV/AIDS AND STD CONTROL

Voice: (516) 227-9423

Fax: (516) 227-9610

Activities of this bureau focus on risk reduction, education, early identification, disease intervention and partner notification of those infected with HIV/AIDS, syphilis, gonorrhea and chlamydia. These activities are done in partnership with health care providers, community based organizations, members of the faith community and schools as well as other county agencies. Disease intervention activities involve assuring appropriate treatment of county residents with curable Sexually Transmitted Diseases (STDs) and conducting interviews to identify sexual contacts.

The Partner Notification Assistance Program (PNAP) provides newly-reported HIV infected individuals with the opportunity to obtain assistance with notifying their sexual and needle-sharing partners about exposure to HIV.

Nassau County has served as the applicant, grantee and initial recipient of federal funding for HIV and AIDS services under the Ryan White CARE Act since 1993 through a memorandum of understanding with Suffolk County. The grant and subsequent awards to Nassau and Suffolk programs for services to persons with HIV/AIDS are administered through a contract with United Way of Long Island.

In 2009, the bureau:

- Provided HIV counseling and testing for 149 people.
- Notified 24 sexual-and needle-sharing partners of newly-reported HIV cases that they may be at risk of HIV.
- Investigated 2800 confirmed cases of Chlamydia, 389 confirmed cases of gonorrhea, and 125 confirmed cases of syphilis, all in Nassau County residents.

Public Health Emergency Preparedness

Voice: (516) 227-9652

Fax: (516) 227-9614

In 2009, the Health Department's Division of Public Health Emergency Preparedness accomplished the following to improve capabilities and capacities in an all-hazards public health emergency.

- Provided 46 trainings to Department of Health employees and Medical Reserve Corps volunteers. These trainings included Special Needs Shelter training, Incident Command system training, and Immunization refresher training.
- Attended over 12 trainings including a 2 day Mass Prophylaxis training and an Improvised Explosive Device training
- Continued Incident Command System training for the Department of Health staff.
- Provided 26 Public Health Emergency Preparedness and H1N1 presentations
- Increased the number of Medical Reserve Corps (MRC) volunteers from 504 members to 594 members
- Partnered with first responders, hospitals, nursing homes, skilled-nursing facilities, home care agencies, and community based organizations.
- Participated in communication and H1N1 exercises with partner agencies
- Facilitated Point of Dispensing (POD) Leadership training to Medical Reserve Corps and Community Emergency Response Team (CERT) volunteers.
- Performed notification drills to test emergency preparedness plans and updated database for volunteers.
- Facilitated planning for "H1N1 Call to Arms" presentation and luncheon at Hofstra University

COMMUNITY & MATERNAL CHILD HEALTH SERVICES

Voice: (516) 227-8887

Fax: (516) 227-8666

The Division of Community & Maternal Child Health Services provides administrative support to community-based programs and facilitates coordination and integration of services to children and families. The division includes:

- Office of Children with Special Needs
 - Early Intervention Program
 - Preschool Special Education
 - Physically Handicapped Children's Program
- Child Fatality Review Team
- Community Health Worker Program
- Perinatal Services Network
- Women, Infants & Children Program (WIC) Program

PUBLIC HEALTH LABORATORIES

Voice: (516) 572-1202

Fax: (516) 572-1206

The Division of Public Health Laboratories of the Nassau County Department of Health provides essential analytic and diagnostic laboratory services which assess the status of community health in Nassau County. It maintains the necessary technical expertise and instrumentation to evaluate disease outbreaks, monitor disease control programs, and test for the presence of bacterial and chemical contaminants in the environment. It serves as a center for developing health assessment methodologies, rapid response capabilities to new etiological agents, investigative protocols for disease outbreaks, technological support for prevention and control strategies and rapid response capabilities during environmental emergencies. The Health Department Laboratory is available to respond to public health emergencies 24 hours a day 7 days a week.

The Public Health Laboratory comprises two divisions; Microbiology and Chemistry. The Cedar Creek Water Treatment Plant Process Control Laboratory of the Department of Public Works has been merged with the Public Health Laboratory. This laboratory performs Carbonaceous Biochemical Oxygen Demand and Total Suspended and Total Solids testing on Water Treatment Plant samples to assess the effectiveness of the treatment process.

The Microbiology division offers the following services:

- Serodiagnostic screening and confirmatory testing for communicable diseases
- Immune status evaluation for communicable diseases
- Comprehensive cultural and microscopic capabilities for identifying the pathogenic agents of communicable diseases
- Capabilities for tracking foodborne illnesses and the testing of food for enteric pathogens and toxins
- Monitoring of the quality of beach water, the efficacy of waste water treatment, and the quality of drinking water

The Environmental Chemistry Division performs offers the following services:

- The identification of chemical agents in water, air, soil, and dust.
- Spectrometric "fingerprinting" of unknown chemical agents to address chemical spills or other environmental emergencies
- Analysis of soil, water, and paint for lead and soil for mercury contamination



Elaine Rowe testing drinking water for semi-volatile organic chemicals using high performance liquid chromatography.

In 2009, the Division of Public Health Laboratories:

- Identified 22,815 mosquitoes of 23 different species from 836 mosquito traps for West Nile virus testing.
- Performed tests on 534 specimens for HIV
- Performed tests on 9321 specimens for N. gonorrhoea and Chlamydia and 9734 specimens for syphilis
- Performed tests on 197 specimens for microbiology



Denise Gaglione performing nucleic acid amplification testing for STD pathogens

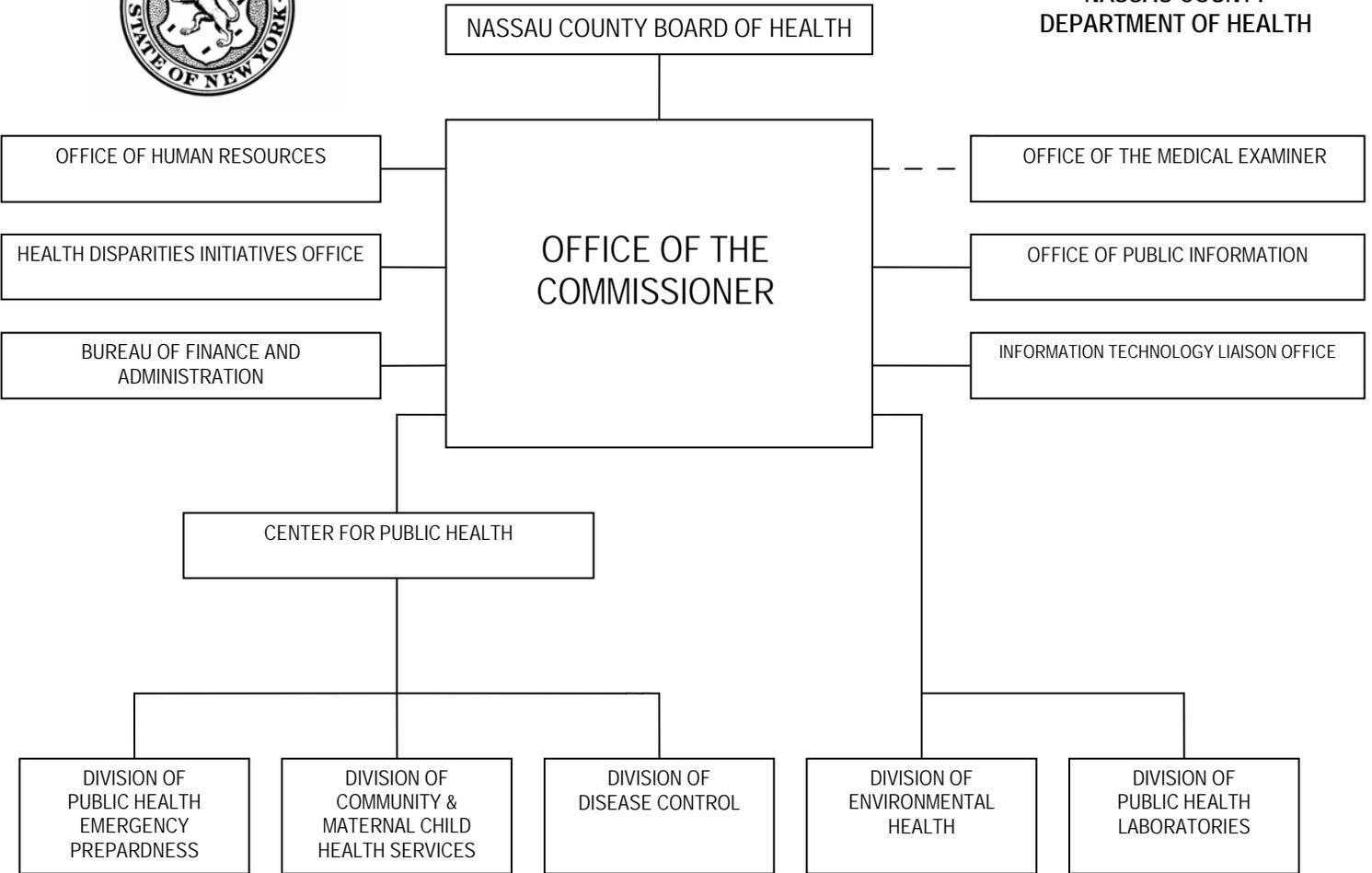
- Performed tests on 89 samples for measles, mumps, rubella, and varicella immune status and 1,465 samples for diagnosis of hepatitis.
- Performed chemical and microbiological tests on 12,668 samples in the Environmental Laboratories, including beach water, drinking water, and wastewater.



David Miller processing samples for mycobacterial testing in a biological safety cabinet.

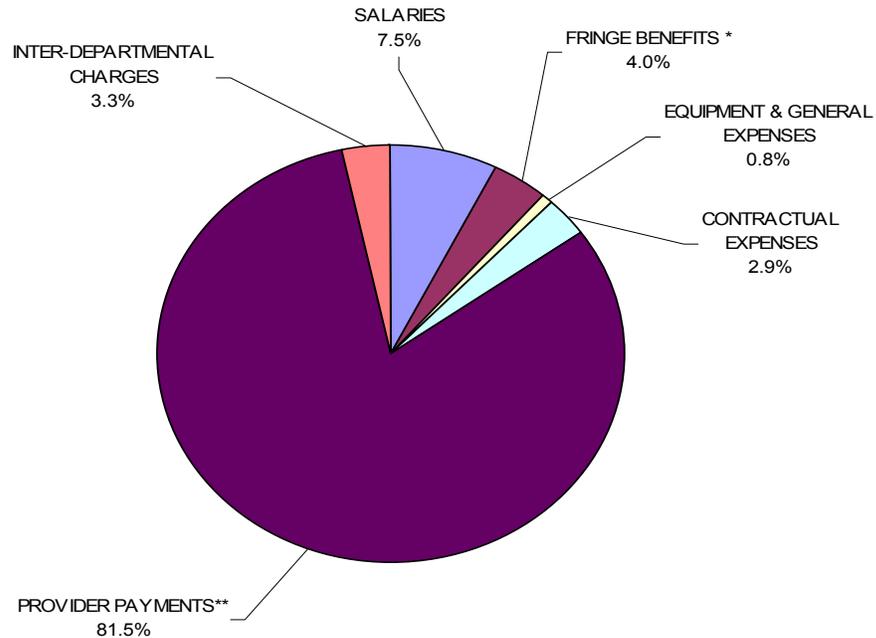


NASSAU COUNTY
DEPARTMENT OF HEALTH



JANUARY 2009

NASSAU COUNTY DEPARTMENT OF HEALTH FY2009 EXPENDITURES BY TYPE



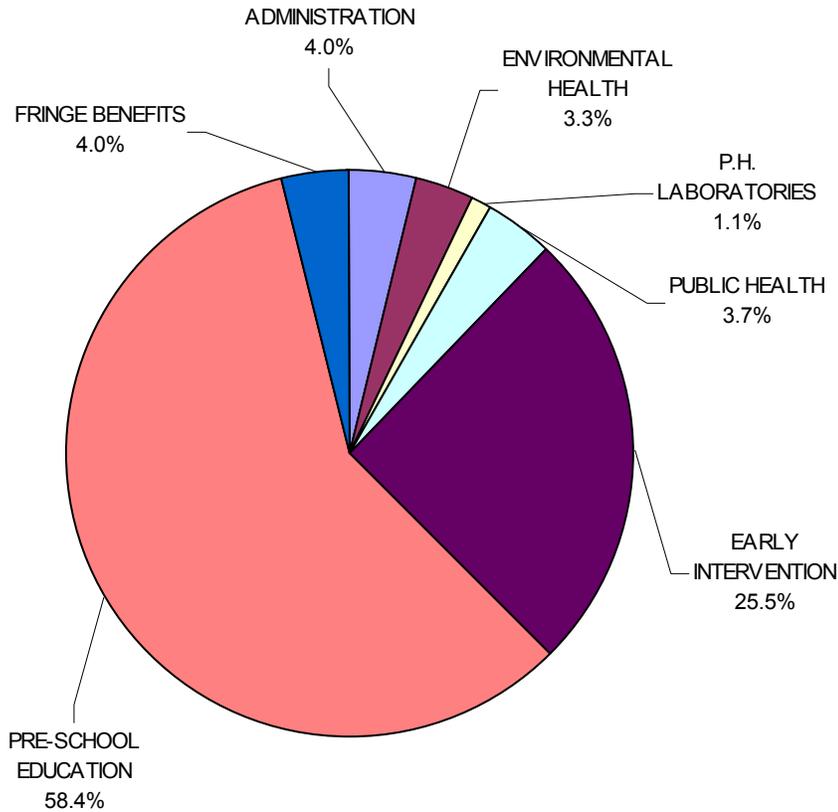
| | |
|------------------------------|-----------------------------|
| SALARIES | \$15,394,762 |
| FRINGE BENEFITS* | 8,107,948 |
| EQUIPMENT & GENERAL EXPENSES | 1,631,500 |
| CONTRACTUAL EXPENSES | 6,009,897 |
| PROVIDER PAYMENTS** | 166,171,963 |
| INTER-DEPARTMENTAL CHARGES | <u>6,658,666</u> |
| TOTAL | <u><u>\$203,974,736</u></u> |

* Fringe benefits are budgeted centrally by the County. The amount above represents the fringe benefit costs allocated to the Health Department.

** Provider Payments reflects payments to Early Intervention and Pre-School Education providers.

Note: Nassau County Department of Health also received \$10.2 million in grant funds, as well as \$6.9 million of Ryan White grant funding managed for Nassau and Suffolk Counties.

**NASSAU COUNTY DEPARTMENT OF HEALTH
FY2009 EXPENDITURES
BY CONTROL CENTER**

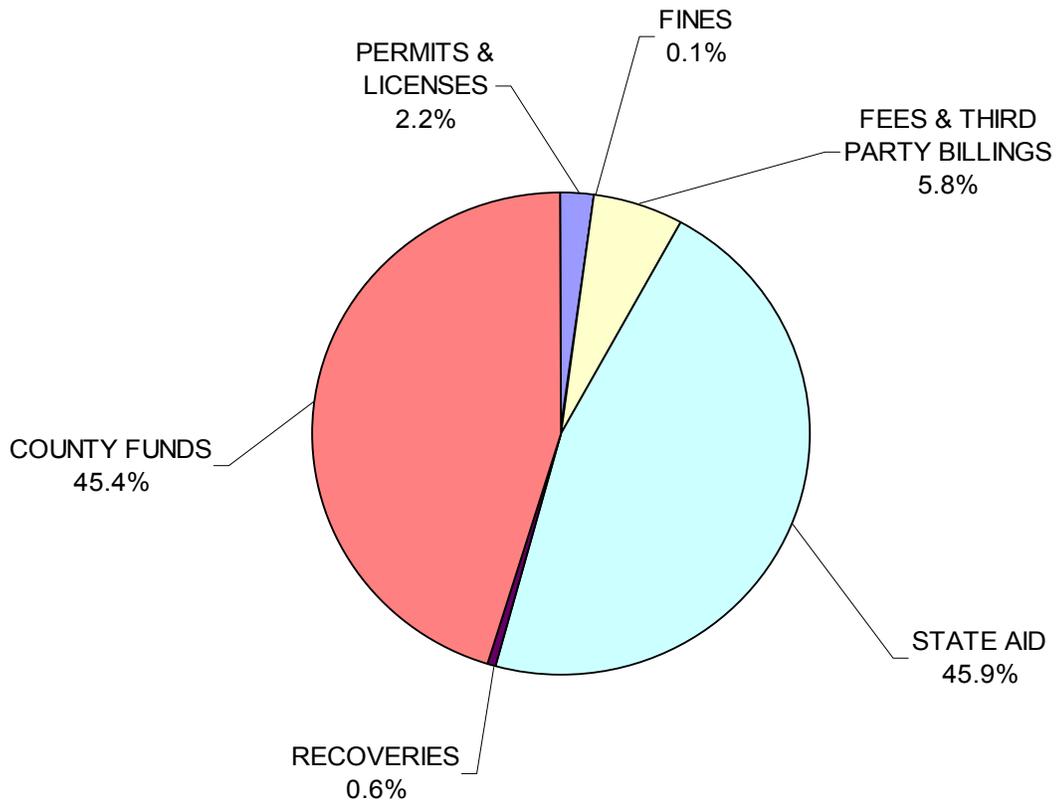


| | | |
|--------|----------------------|------------------------------------|
| HE10 - | ADMINISTRATION | \$8,128,109 |
| HE20 - | ENVIRONMENTAL HEALTH | 6,759,403 |
| HE30 - | P.H. LABORATORIES | 2,352,972 |
| HE40 - | PUBLIC HEALTH | 7,453,933 |
| HE51 - | EARLY INTERVENTION | 51,987,692 |
| HE54 - | PRE-SCHOOL EDUCATION | 119,184,679 |
| FB10 - | FRINGE BENEFITS | 8,107,948 |
| | TOTAL | <u><u>\$203,974,736</u></u> |

Fringe benefits are budgeted centrally by the County. The amount above represents the fringe benefit costs allocated to the Health Department.

Note: Nassau County Department of Health also received \$10.2 million in grant funds, as well as \$6.9 million of Ryan White grant funding managed for Nassau and Suffolk Counties.

**NASSAU COUNTY DEPARTMENT OF HEALTH
FY2009 REVENUES
BY TYPE**



| | |
|-----------------------------|-----------------------------|
| PERMITS & LICENSES | \$4,376,100 |
| FINES | 277,815 |
| FEES & THIRD PARTY BILLINGS | 11,916,756 |
| STATE AID | 93,699,105 |
| RECOVERIES | 1,146,974 |
| COUNTY FUNDS | 92,557,986 |
| TOTAL | <u>\$203,974,736</u> |

Note: Nassau County Department of Health also received \$10.2 million in grant funds, as well as \$6.9 million of Ryan White grant funding managed for Nassau and Suffolk Counties.

**NASSAU COUNTY REPORTABLE CASES OF NOTIFIABLE
DISEASES 1999 – 2009 ANNUAL TABLE**

| DISEASE | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 |
|--|------|------|------|------|------|------|------|------|------|------|-------|
| AIDS ¹ | 153 | 169 | 159 | 151 | 129 | 114 | 102 | 96 | 91 | 119 | 110 |
| Amebiasis | 31 | 24 | 26 | 15 | 17 | 14 | 17 | 17 | 14 | 14 | 15 |
| Babesiosis | 2 | 3 | 2 | 2 | 2 | 2 | 3 | 6 | 4 | 1 | 2 |
| Botulism | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Brucellosis | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Campylobacteriosis | 203 | 192 | 163 | 177 | 186 | 197 | 194 | 182 | 185 | 228 | 224 |
| Chlamydia | NR | NR | 1219 | 1353 | 1678 | 1903 | 1995 | 2212 | 2418 | 2618 | 2,730 |
| Cholera | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| Cryptosporidiosis | 23 | 19 | 6 | 10 | 4 | 2 | 24 | 7 | 8 | 3 | 6 |
| Cyclospora | 0 | 4 | 0 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 1 |
| Dengue Fever ⁴ | NR | NR | NR | NR | 0 | 0 | 0 | 3 | 5 | 3 | 6 |
| Diphtheria | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| E. Coli 0157:H7 | 11 | 16 | 15 | 9 | 6 | 12 | 12 | 9 | 12 | 4 | 7 |
| E. Coli Non 0157 | NR | NR | NR | NR | 6 | 1 | 2 | 5 | 10 | 12 | 9 |
| Ehrlichiosis ⁴ | 0 | 3 | 0 | 0 | 0 | 0 | 2 | 7 | 3 | 2 | 2 |
| Encephalitis ⁴ | 12 | 19 | 30 | 37 | 13 | 11 | 13 | 9 | 4 | 2 | 2 |
| Giardiasis | 201 | 192 | 132 | 146 | 135 | 141 | 122 | 109 | 111 | 96 | 106 |
| Gonorrhea | 384 | 423 | 167 | 500 | 440 | 407 | 402 | 405 | 386 | 361 | 402 |
| Haemophilus Influenzae (Inv.) | 9 | 13 | 8 | 13 | 27 | 14 | 23 | 17 | 22 | 28 | 31 |
| Hemolytic Uremic Syndrome | 0 | 4 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 |
| Hepatitis A | 35 | 43 | 60 | 46 | 31 | 29 | 23 | 12 | 16 | 9 | 8 |
| Hepatitis B (acute) | 15 | 23 | 21 | 17 | 14 | 9 | 17 | 8 | 4 | 9 | 8 |
| Hepatitis C (acute) | 1 | 1 | 3 | 5 | 1 | 4 | 1 | 3 | 4 | 5 | 0 |
| Hepatitis – unknown | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hepatitis B, Chronic ⁵ | NR | NR | 174 | 100 | 434 | 463 | 246 | 222 | 161 | 98 | 133 |
| Hepatitis C, Chronic ⁵ | NR | NR | 1484 | 820 | 410 | 1395 | 823 | 831 | 828 | 706 | 657 |
| HIV ² | NR | 132 | 151 | 114 | 95 | 103 | 118 | 155 | 99 | 156 | 141 |
| Herpes Infection Infant ≤60 Days | NR | 0 | 1 | 1 |
| Influenza-Lab Confirmed | NR | 446 | 621 | 1680 | 7,102 |
| Influenza Associated Pediatric Mortality | NR | NR | NR | NR | NR | 0 | 0 | 0 | 0 | 0 | 2 |
| Legionellosis | 3 | 11 | 6 | 4 | 12 | 10 | 20 | 40 | 33 | 28 | 67 |
| Listeriosis | 15 | 15 | 5 | 9 | 9 | 6 | 14 | 15 | 5 | 13 | 11 |
| Lyme Disease ³ | 107 | 86 | 48 | 82 | 75 | 59 | 122 | 116 | 104 | 41 | 218 |
| Malaria | 11 | 19 | 19 | 11 | 11 | 16 | 13 | 9 | 17 | 10 | 5 |
| Measles | 2 | 0 | 2 | 0 | 1 | 0 | 0 | 2 | 0 | 1 | 0 |
| Meningitis, Aseptic | 24 | 93 | 173 | 172 | 162 | 176 | 188 | 115 | 80 | 142 | 127 |
| Meningitis, Other Bact. And unknown | 39 | 20 | 24 | 19 | 15 | 19 | 18 | 23 | 16 | 18 | 19 |
| Meningococcal Infection | 7 | 9 | 7 | 4 | 7 | 7 | 7 | 3 | 2 | 4 | 1 |
| Mumps ⁴ | 1 | 3 | 2 | 0 | 0 | 0 | 12 | 9 | 4 | 5 | 1 |

**NASSAU COUNTY REPORTABLE CASES OF NOTIFIABLE
DISEASES 1999 – 2009 ANNUAL TABLE**

| | | | | | | | | | | | |
|--|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|---------------|
| Pertussis ⁴ | 8 | 11 | 4 | 10 | 71 | 46 | 24 | 99 | 41 | 30 | 10 |
| Psittacosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Q Fever | NR | NR | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 |
| Rocky Mtn. Spotted Fever ⁴ | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 3 | 1 |
| Rubella | 17 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Salmonellosis | 217 | 186 | 189 | 230 | 174 | 231 | 226 | 186 | 168 | 254 | 201 |
| Shigellosis | 79 | 262 | 241 | 64 | 78 | 35 | 43 | 34 | 66 | 169 | 38 |
| Staph aureus, vanco resistant | NR | NR | NR | NR | NR | 1 | 0 | 0 | 0 | 3 | 1 |
| Strep Group A, Invasive | 30 | 32 | 40 | 30 | 39 | 27 | 38 | 48 | 38 | 36 | 25 |
| Strep Group B, Invasive | 34 | 43 | 39 | 57 | 82 | 65 | 86 | 108 | 118 | 90 | 112 |
| Strep Pneumoniae Inv. | 78 | 101 | 140 | 133 | 117 | 114 | 128 | 139 | 113 | 145 | 140 |
| Syphilis: Early | 10 | 4 | 6 | 15 | 16 | 30 | 46 | 40 | 67 | 57 | 44 |
| Syphilis: Late | 111 | 74 | 62 | 52 | 94 | 19 | 54 | 98 | 97 | 106 | 81 |
| Toxic Shock Syndrome | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 2 |
| Trichinosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Tularemia | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuberculosis | 76 | 70 | 94 | 65 | 56 | 57 | 53 | 51 | 48 | 45 | 38 |
| Typhoid Fever | 3 | 4 | 4 | 3 | 3 | 2 | 4 | 4 | 6 | 5 | 3 |
| Vibrio Parahaemolyticus | 0 | 4 | 8 | 5 | 3 | 6 | 6 | 10 | 6 | 5 | 12 |
| West Nile Fever | 0 | 0 | 0 | 0 | 2 | 0 | 1 | 1 | 0 | 3 | 0 |
| West Nile Virus ⁴ | 6 | 0 | 4 | 11 | 16 | 0 | 11 | 4 | 2 | 17 | 0 |
| Yersiniosis | 8 | 9 | 10 | 6 | 4 | 2 | 11 | 11 | 5 | 2 | 10 |
| | | | | | | | | | | | |
| Total | 1969 | 2340 | 4949 | 4498 | 4677 | 5753 | 5268 | 5929 | 6045 | 7388 | 12,762 |
| | | | | | | | | | | | |

NR: Not reportable in New York State during that full calendar year

¹AIDS: Based on report year (excludes inmates). Includes all newly-reported AIDS cases regardless of HIV diagnosis date. Provisional, data as of August 5, 2010

²HIV: Based on report year (excludes inmates). Includes all newly-reported HIV cases, regardless of concurrent or subsequent AIDS diagnosis. Provisional, data as of August 5, 2010.

³Lyme Disease: In 2009 12 counties (including Nassau) investigated a sample of positive laboratory results. The number of cases was extrapolated to generate estimates of the total number of cases. Probable cases counted only as of 2008

⁴Confirmed and Probable cases counted

⁵Provisional data as of November 22, 2010

DEPARTMENTAL PROGRAMS TELEPHONE NUMBERS

| | |
|--|-----------------------|
| GENERAL INFORMATION | (516) 227-9697 |
| AFTER HOURS EMERGENCIES | (516) 742-6154 |
| AIDS HIV HOTLINE (Counseling and Testing) | (800) 541-AIDS |
| AIR QUALITY | (516) 227-9459 |
| ANIMAL BITES | (516) 227-9663 |
| CHEMICAL STORAGE | (516) 227-9691 |
| CHILD FIND (FORMERLY ICHAP) | (516) 227-8695 |
| CHILDREN'S SUMMER DAY CAMPS | (516) 227-9717 |
| COMMISSIONER'S OFFICE | (516) 227-9500 |
| COMMUNICABLE DISEASE CONTROL | (516) 227-9496 |
| COMMUNITY HEALTH WORKER PROGRAM | (516) 572-0934 |
| COMPLAINTS GENERAL NUISANCES | (516) 227-9715 |
| DISEASE CONTROL | (516) 227-9496 |
| DRINKING WATER | (516) 227-9692 |
| EARLY INTERVENTION PROGRAM | (516) 227-8661 |
| EMERGENCY MEDICAL SERVICES | (516) 573-0750 |
| EMERGENCY PREPAREDNESS | (516) 573-0750 |
| ENVIRONMENTAL ENGINEERING | (516) 227-9672 |
| ENVIRONMENTAL HEALTH DIRECTOR | (516) 227-9723 |
| FOOD COMPLAINTS & GENERAL INFORMATION | (516) 227-9717 |
| HAZARDOUS MATERIALS | (516) 227-9691 |
| HOMEOWNER TANK ABANDONMENT PROGRAM | (516) 227-9691 |
| HEALTH EDUCATION | (516) 227-9694 |
| HEAT AND HOUSING COMPLAINTS | (516) 227-9715 |
| HIV BUREAU | (516) 227-9423 |
| HIV PARTNER NOTIFICATION PROGRAM | (516) 227-9590 |
| HOUSING COMPLAINTS | (516) 227-9715 |
| HUMAN RESOURCES | (516) 227-9462 |
| IMMUNIZATION ACTION PROGRAM | (516) 227-9593 |
| LABORATORY- 209 MAIN ST HEMPSTEAD | (516) 572-1202 |
| LEAD POISONING PREVENTION PROGRAM | (516) 227-9665 |
| LIFEGUARD CERTIFICATION | (516) 227-9678 |
| MEDICAL EXAMINER | (516) 572-5150 |
| MEDIA LIAISON | (516) 227-9455 |
| MOSQUITO CONTROL PROGRAM | (516) 572-1166 |
| PERINATAL NETWORK | (516) 227-9456 |
| PETROLEUM STORAGE | (516) 227-9691 |
| PRESCHOOL SPECIAL EDUCATION PROGRAM | (516) 227-8653 |
| PHYSICALLY HANDICAPPED CHILDREN'S PROGRAM | (516) 227-8665 |
| PUBLIC HEALTH NUISANCES | (516) 227-9715 |
| PUBLIC WATER SUPPLY | (516) 227-9692 |
| RABIES CONTROL | (516) 227-9663 |
| SEWAGE SPILLS | (516) 227-9692 |
| SEXUALLY TRANSMITTED DISEASES - CONTROL PROGRAM | (516) 227-9439 |
| SWIMMING POOLS AND BATHING BEACHES | (516) 227-9717 |
| TATTOO PARLOR/BODY PIERCING | (516) 227-9539 |
| TEMPORARY RESIDENCES | (516) 227-9717 |
| TOBACCO CESSATION PROGRAM | (516) 227-9424 |
| TOBACCO COMPLAINTS | (516) 227-9617 |
| TUBERCULOSIS CONTROL | (516) 227-9664 |
| WIC ADMINISTRATION OFFICE | (516) 227-9453 |
| • ELMONT | (516) 571-8228 |
| • FREEPORT | (516) 571-8606 |
| • GLEN COVE | (516) 571-8029 |
| • HEMPSTEAD | (516) 572-0920 |
| • WESTBURY | (516) 571-9535 |

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Commissioner of Health - 2008

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<http://www.nassaucountyny.gov/agencies/Health/index.html>



THOMAS R. SUOZZI, COUNTY EXECUTIVE - 2009

Nassau County Legislature - 2009

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