

New Haven Health Department 2010 Annual Report



John DeStefano, Jr.
Mayor

Dr. Mario Garcia, MPH
Director of Public Health

Ensuring the health of all New Haven residents...

NEW HAVEN HEALTH DEPARTMENT MISSION

*To advocate for and
ensure the health and
well-being of all New
Haven residents.*

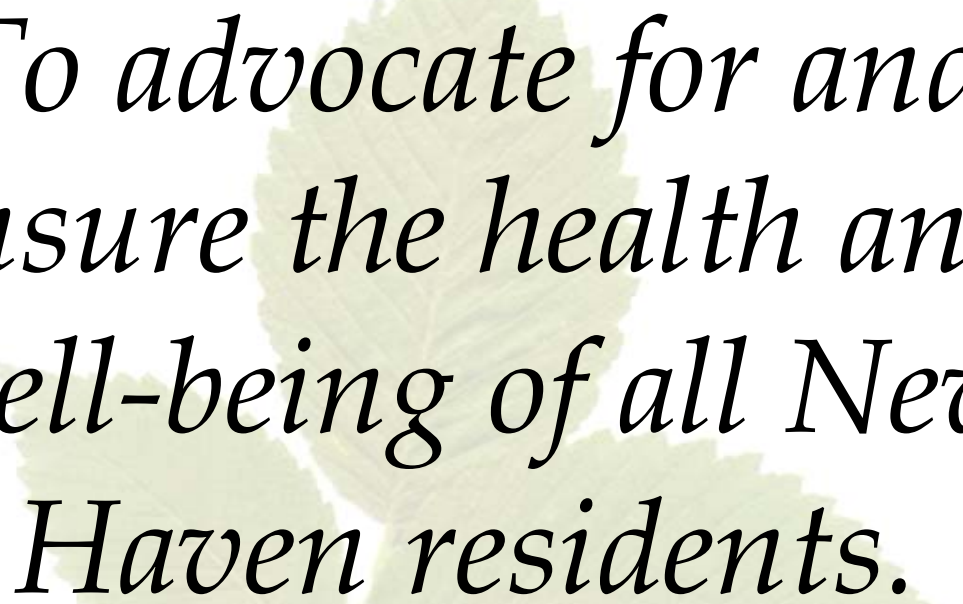


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Letter from Mayor DeStefano, Jr.



Dear Fellow Elm City Resident:

I am proud of the initiatives promoted by our Health Department and the staff that is committed to being current and active in responding to the public health needs of the residents of our great City. From keeping our vast selection of restaurants up to code, providing services that address HIV/AIDS, assisting pregnant women with support services, and to monitoring the beach water quality, just to name a few, our public health officials are making it happen.

The New Haven Health Department is a premiere public health agency in the region that provides services and programs that target community needs. But this work cannot be done alone or in isolation. Over the past year, we have increased engagement with various community partners, including political leaders, community health providers, grassroots organizations, and the faith-based communities as part of the **Health Matters!** Movement.

In 2010, the Health Department set the stage for addressing health inequities by becoming a part of the **Health Equity Alliance**, an initiative funded by the Kellogg Foundation and the Connecticut Association of Directors of Health. The goals of this effort are providing the framework to better address health disparities and engage the community in improving health outcomes.

The Health Department's commitment to evidence-based practices, community outreach, and collaborations with our academic institutions is what makes it a critical asset to our community's health. The contents of this report do not fully reflect all the work our Health Department does, but it begins to paint the picture of what the Health Department does each day to ensure your health and well-being.

We are a City on the move and together we are making New Haven one of the healthiest cities in the nation.

A handwritten signature in black ink that reads "John DeStefano, Jr." The signature is written in a cursive, flowing style.

John DeStefano, Jr.
Mayor

Letter from the Director of Public Health



Dear Fellow Elm City Resident:

It is with great enthusiasm and a strong sense of responsibility that I have begun my tenure as the Public Health Director of the City of New Haven. In looking back over a century ago when Dr. Frank Wright—the first full time director—was appointed, one finds both tremendous progress and remarkable parallels with today’s efforts of the Health Department to advance the goals of public health.

Every City Health Director has been a witness and contributor to the transformation of public health, from policies based on the miasma theory of disease through the golden era of the germ theory, and the subsequent advent of sanitation and antibiotics. The once unimaginable development of biotechnology and medical discoveries has now taken a central place in such remarkable progress. While the Health Department remains as one of the pillars of the community to maintain the gains of the past, in particular those concerned with communicable diseases and environmental health, the new century presents us with an entirely new challenge.

Food misuse and substance abuse are among the most urgent health challenges facing our community today. Excess weight contributes to many of the leading causes of chronic disease and death, including heart disease, stroke, diabetes, and some types of cancer. In the last three decades—an entire generation—obesity rates for adults doubled and rates for children tripled. If we are what we eat, then by continuing to eat poorly we will reverse the public health progress obtained over many years.

In addition, substance abuse causes more deaths, illnesses and disabilities than any other preventable health condition affecting City residents from all walks of life. Substance abuse harms family life, the economy and public safety. It gives many of our children and youth a poor start in life, particularly those from disadvantaged groups. We need to increase policy making and programmatic efforts toward promoting health and reducing the personal, social, and economic burden caused by tobacco, alcohol, and the illicit consumption of drugs.

As Dr. Wright said more than one hundred years ago: “...to neglect the city’s health is to abandon New Haven’s future...and to ignore these problems is to endanger our community to the inexorable rule of Nature”.

A handwritten signature in black ink, appearing to read 'Mario Garcia'. The signature is stylized and fluid, with a long horizontal stroke at the end.

Mario Garcia, MD, M.Sc. MPH
Director of Public Health

Towards Health Equity: Envisioning a Healthy City

The definition of health has expanded significantly to encompass not only individual behaviors and environmental factors, but also social conditions, such as education, transportation, employment, and housing. These conditions are known as the “social determinants of health.” The inclusion of social determinants of health acknowledges that where people live, learn, work, and play has a significant impact on their health. The New Haven Health Department has incorporated this broader, more inclusive definition of health into its work in an effort to reduce disparities experienced by City residents and improve the City’s overall health.

HEALTH EQUITY ALLIANCE

In 2009, the Department launched the Health Equity Alliance (HEA) to focus on the underlying causes of health disparities in New Haven, with the overarching goal of assuring all community members have an equal opportunity to experience optimal health. The HEA was established as a two year project. As a result of the HEA, the City of New Haven established the



ongoing initiative **Health Matters!** The City launched Health Matters! to improve the city’s health status with the ultimate goal of making New Haven one of the healthiest cities in the Nation.



COMMUNITY ENGAGEMENT

Visions of a Healthier New Haven Survey.

To encourage community engagement and involvement, the “Visions of a Healthier New Haven Survey” was developed. The Survey was created jointly by the HEA, Health Matters! Working Group, DataHaven and the Yale-Griffin Prevention Research Center. It asked two open ended questions: “What is your vision for a healthier New Haven?” and “How do we build it?” The results were utilized to inform the discussions during the Health Matters! Conference.

Health Matters! Conference. Health Matters! in collaboration with the HEA, held a community-wide conference titled “Health Matters: Visioning a Healthier New Haven.” The conference included a keynote speech from Amanda Navarro,

MPH, of PolicyLink, Inc., panel presentations on childhood obesity and community safety, and the debut of the film “Visions of a Healthier New Haven.” The conference was well attended by community members and stakeholders and began the process of charting the course for New Haven to become one of the healthiest cities in the Nation.

DATA DRIVEN DECISION-MAKING

Health Equity Index (HEI). A critical component of the HEA is the HEI, an innovative tool developed by the Connecticut Association of Directors of Health used to examine the connection between social and economic conditions in neighborhoods and the health status of local residents.

Informational and Policy Briefs. The Health Department released an informational brief titled “The Impact of Violence in New Haven.” The brief reviewed and analyzed data from the HEI, supplemental information provided by researchers, residents and government officials, and policies to identify the impact of violence on city residents’ health. The report found that violence is a significant public health concern in New Haven and that certain areas of the city and certain

subpopulations are disproportionately affected. The report identified recommendations for policy initiatives to reduce disparities and decrease violence to improve overall health.

WORKFORCE DEVELOPMENT

The Health Department partnered with the Hispanic Health Council to provide training for Department staff based on its public health workers curriculum. The training ensures all staff are educated about the factors influencing health and how their work advances public health.

MOVING FORWARD...

The Health Department will continue to work towards a healthier New Haven through implementation of programs to address social determinants of health. Future activities include the implementation of health impact assessment projects, the release of a policy brief regarding obesity in New Haven, and the Visions of a Healthier New Haven, New Haven Free Public Library, Film and Discussion Series. The series includes the presentation of the film “Visions of a Healthier New Haven” at five public library locations throughout New Haven to encourage community feedback and involvement.

PUBLIC HEALTH NURSING

The Bureau of Nursing is committed to ensuring an optimal level of wellness for a culturally diverse urban community by promoting and encouraging a healthy lifestyle for its citizenry. Through the delivery of health care services, education and counseling, and partnership with municipal agencies and community organizations, the Bureau identifies and assesses school and community needs to promote safety and disease prevention.

The Bureau provides school health nursing services for approximately 22,000 pre-kindergarten through twelfth graders at 53 public and non-public school sites in New Haven, ensuring health-related barriers to learning are addressed. The Bureau also has the responsibility for health services for the Board of Education's Early Childhood Programs, which include Head Start, school readiness and the New Haven Child Development Programs (Day Care), serving approximately 1,200 children. The Director of Public Health Nursing supervises 40 Public Health Nurses. The Bureau staff includes a Pediatric Nurse Practitioner assigned to the Katherine Brennan School-Based Clinic, a Registered Nurse (Health

Coordinator) for Early Childhood services, and a Clinic Charge Nurse responsible for various New Haven Health Department clinics, including the STD, Children's and Adult Immunizations clinics. The Bureau also has an Audiometrist who performs State mandated hearing screenings for students in our public and non-public schools. The Bureau partners with the Cornell Scott Hill Health Center, a locally federally qualified health center, which provides a staff physician to serve as Medical Advisor to the Bureau and to the New Haven Board of Education.

THE CHILDREN'S CLINIC

The Children's Clinic is held every Thursday during the school year at the Health Department. Physical exams and immunizations are provided to students enrolled in New Haven schools. During 2010, the clinic served 344 students, administered 556 immunizations, and provided physical examination for 286 students. The Bureau is proud of its partnership with the Helen Keller Worldwide ChildSight® Program, a collaboration that conducts vision screening and provides eyeglasses to students enrolled in middle school. Since 2000,

approximately 23,800 students have been screened and over 5,200 pairs of glasses have been distributed.

ASTHMA

School nurses promote asthma education in the schools and distribute medical equipment provided by the Asthma Initiative such as peak flow meters, spacers and nebulizers to those students requiring them.

NEW HAVEN PUBLIC SCHOOLS WELLNESS COMMITTEE

A nationally-recognized collaborative effort was undertaken eleven years ago with the Bureau of Nursing and representatives from the school community to evaluate the breakfast and lunch programs within the schools. As a result of recommendations made, healthy foods are now included in school menus and vending machines have been eliminated from schools.

SCHOOL-BASED HEALTH CLINICS

The Health Department, federally qualified health centers, and the Board of Education work together to promote health and well being within the school setting. This partnership provides an opportunity for effective interaction and communication between all partners regarding student health issues. As the

School Change campaign progresses in 2011, the nursing staff will continue to participate in the Board of Education's "Wrap Around Services" (Coordinated School Health) Committee.

EMERGENCY PREPAREDNESS

The Health Department nurses are public health nurses, the frontline of defense against threats of bioterrorism. Planning for post-event clinics has been conducted and thirteen registered nurses and two doctors have been trained in the administration of smallpox vaccine. The nursing staff participates in ongoing education and training to respond to public health emergencies. The Health Department nurses administered vaccines at clinics throughout the New Haven community in response to the H1N1 pandemic.

EDUCATIONAL OPPORTUNITIES

The Bureau of Nursing is committed to educating the next generation of public health professionals. Through an affiliation agreement with both Southern Connecticut State University and the Yale School of Nursing, senior nursing students from both institutions take part in electives and mentorship programs.

Prevalence of Student Health Problems, New Haven Schools, 2009 - 2010

Health Problems	Grades K-8	Middle School	High School	Private & Parochial	All
Allergy – bee	37	4	24	1	66
Allergy - latex	18	1	8	1	28
Allergy – tree nuts	83	4	28	19	134
Allergy - peanuts	179	9	36	20	244
Allergy - environment	240	14	113	24	391
Allergy - medication	125	13	92	18	248
Allergy - other food	367	8	112	47	534
Arthritis	5	1	9	0	15
Asthma	2,201	100	937	110	3,348
Autism Spectrum	106	6	15	2	129
Cancer	9	0	3	0	12
Cardiac	98	3	33	3	137
Cerebral Palsy	29	0	7	0	36
Congenital Malformation	68	2	15	1	86
Depression	25	1	60	2	88
Development Delay	341	12	66	3	422
Diabetes Type I	18	1	28	0	47
Diabetes Type II	8	2	18	1	29
Eating Disorders	24	1	16	0	41
Hemophilia	6	0	1	0	7
Lyme Disease	0	0	2	0	2
Migraine	65	10	35	4	114
Neurological Impairment	81	1	50	1	133
Orthopedic	79	1	56	2	138
Other Behavioral/Emotional	286	47	122	8	463
Other Blood Dyscrasias	53	0	15	5	73
Other Health Impairment	377	9	77	28	491
Oral Health Needs	56	7	34	3	100
Seizure Disorders	107	2	23	3	135
Hearing Impairment	62	3	39	2	106
Vision Impairment	56	14	44	0	114
Sickle Cell	31	1	22	3	57
Speech Defects	223	7	38	3	271
Spine Bifida	8	0	4	0	12
Total Health Problems	5,471	284	2,182	314	8,251
Total Students with at least one	4,270	166	1,734	261	6,431
TOTAL # STUDENT/DISTRICT	13,338	667	4,989	867	19,861

Asthmatics on Medications in School, New Haven Schools, 2009 - 2010

Medication	Grades K-8	Middle School	High School	Private & Parochial	All
Inhaler as needed	1,114	54	125	44	1,337
Nebulizer as needed	36	2	4	1	43

COMBATING ASTHMA IN NEW HAVEN

Asthma remains a critical issue in New Haven. According to the 2000 State of Connecticut Asthma Surveillance report, New Haven was number one in Connecticut for hospital admissions (39.1 per 10,000) and emergency department visits (121.6 per 10,000). At least 15% of New Haven's school children (K-12) have asthma compared with a statewide average of 8.9%. Approximately 86% of New Haven's occupied housing units were constructed prior to 1979. The age of the house increases the likelihood asthma triggers are present, which when uncontrolled are a major contributing factor to hospital emergency department visits and hospital admissions for asthma.

ASTHMA INITIATIVE

The mission of the Health Department's Asthma Initiative is to reduce associated morbidity and mortality, reduce the number of lost days of work and absenteeism at school, and improve quality of life for people with asthma in the greater New Haven area. This effort includes: outreach and education, collaboration through the Greater New Haven Regional Asthma Initiative, and

direct services through the Triggers Be Gone program.

COMMUNITY EDUCATION

The Asthma Initiative performs extensive community educational outreach to agencies, schools, and others concerning asthma and its causes, environmental triggers and treatment.

GREATER NEW HAVEN REGIONAL ASTHMA INITIATIVE

The Health Department participates in the Greater New Haven Regional Asthma Initiative to coordinate asthma-related activities. The Initiative includes representatives from local health care agencies, regional health departments, Medicaid managed care organizations, and the American Lung Association.

TRIGGERS BE GONE

Triggers Be Gone provides low income, uninsured and underinsured persons with asthma with supplies for asthma management, including medication delivery devices. Additionally it provides supplies for home environmental control, including air purifiers, mattress and pillow covers, air conditioners, dust cloths, and hypoallergenic cleaning solution. Working with school nurses

and medical offices in the community, the program receives client referrals. Through these referrals the program maintains a database of baseline information regarding asthma management. In partnership with surrounding cities, a client may be referred to Milford's Putting on Airs home inspection program to address asthma triggers in the home.

ASTHMA INITIATIVE FUNDING

For the past four years, the program has functioned with grant funding (\$93,272 annually) from Yale New Haven Hospital and the Community Development Block Grant. These funds have provided 100-200 people with asthma management supplies, as well as funded educational outreach to hundreds of City residents annually. Additional support is provided from Department divisions including the Environmental Health Bureau and the Maternal and Child Health Division.

ADDITIONAL ASTHMA EFFORTS

Early Intervention/Head Start. The Health Department has an official partnership agreement with the Head Start program. This allows the Department to reinforce asthma education and provide targeted

programming for parents of children with asthma in the Head Start program.

Asthma Urban Schools Program. A partnership between the Health Department and the Board of Education was created to better prepare school nurses with the training, tools, and skills to address asthma in the school setting. School nurses work closely with the Department to connect children to appropriate resources.

Outreach to Health Care Providers.

Reference tools for providers were developed regarding the services and equipment covered by the Medicaid managed care organizations. Contact was made concerning their ability to refer patients for home supplies, to promote use of Asthma Action Plans, and the Asthma Initiative program's availability to provide asthma education.

Coordination. *Easy Breathing Project* is a project aimed at increasing the use of asthma action plans by providers.

ERICCA Project is a collaborative effort with Yale University to develop better electronic communication between providers in asthma care. The Triggers Be Gone referral form is a part of Yale's Electronic Medical Record.

ENVIRONMENTAL HEALTH

The Bureau of Environmental Health maintains as its principal goal the preservation and protection of the environmental quality of the City of New Haven. Bureau staff utilize and enforce applicable sections of the State Public Health Code, State Statutes, and Municipal Ordinances; license and inspect food service establishments; resolve cases of childhood lead poisoning; provide educational outreach activities and assist with the distribution of federal lead abatement funds to prevent lead poisoning; investigate and resolve public health nuisances and infractions of applicable statutes and/or ordinances; monitor water quality of public swimming pools and beach water at Lighthouse Point Park; and inspect schools, daycare centers, senior centers and summer lunch feeding sites. Bureau staff also assist in preparing for and responding to public health threats, such as anthrax and smallpox.

FUNDING

Funding for the Bureau is derived from various sources, including grants from the state and federal governments in addition to the City of New Haven's general fund. The Bureau is currently

comprised of fourteen full and part-time employees. At various times during the year interns from colleges and local high schools assist the Bureau.

INSPECTIONS

A total of 1,442 inspections were performed in 2010 upon the 1,062 food service establishments operating within the City of New Haven. Of these inspections, 147 indicated a failing score which necessitated corrective action and re-inspections by Bureau staff.

Licensed Food Establishments, New Haven, 2010

Type	N	%
Restaurant	441	41.5
Café	76	7.2
Institution	64	6.0
School	63	5.9
Caterer	31	2.9
Itinerant vendor	202	19.0
Retail store	144	13.6
Market	8	0.8
Bakery	21	2.0
Processing plant	12	1.1
Total	1062	100

WEST NILE VIRUS RESPONSE & PREVENTION

Time and resources were devoted to the City's response to West Nile Virus. For several years, plans have been instituted by a host of involved parties to reduce mosquito breeding within the City, to educate the public, and to monitor the spread of the virus. In 2010, 211 pools consisting of a total of 2,662

mosquitoes were trapped within Beaver Pond Park. Seven mosquito pools were positive for the West Nile Virus. The predominant mosquitoes trapped at this site were of the species *Coquilleltidia perturbans*, *Culex pipiens*, *Culex restuans*, *Culex salinarius* and *Aedes vexans*. The pools positive for West Nile Virus were from three species (*C. pipiens*, *C. restuans* and *A. vexans*) and were trapped between August 12 and September 28.

Certified pesticide applicators from the City's Department of Public Works (DPW) place Altosid® XR 150 day Extended Residual Briquettes into city-owned catch basins which are prone to contain standing water. Although there are approximately 7,000 catch basins on public property within the City, roughly 3,823 contain standing water and therefore were treated with a larvicidal agent, some more than once.

As in previous years, bottles of mosquito repellent were distributed to New Haven senior citizens. Over 500 bottles of repellent were provided through the senior centers located within the City. Ms. Jocelyn Maminta, from Channel 8 News, covered the event held at the East Shore Senior Center where the

Mayor spoke on protective efforts that should be employed.

WATER QUALITY

The water quality at Lighthouse Point Park, the only public beach within the City, was monitored throughout the summer. The majority of water samples secured from Lighthouse Point Park, in addition to Fort Hale Park (another local beach area, which has been tested over the years) were found to be of suitable quality for swimming.

LEAD-BASED PAINT HAZARD CONTROL

The City fits the general profile of a jurisdiction with a high level of risk for exposure to lead-based paint by young children. According to the 2000 census, 64% of New Haven's population is low and moderate-income persons and 23% fall below poverty. There are three times as many persons in poverty in New Haven than the state as a whole and four times as many families in poverty. New Haven ranks second in the state for the most children in poverty, with 12% of the State's children living in poverty residing in New Haven. There is an old housing stock: over 86% of all housing units were constructed before 1979, with a median year of construction of 1943 for all housing units. There is a

significant low income rental population: 86% of renters living below the poverty level live in structures built before 1979. There are 41,090 pre-1979 housing units with 17,445 units built prior to 1940.

The Bureau was awarded its fourth round of Lead-Based Paint Hazard Control funding from the U.S. Department of Housing and Urban Development (HUD), bringing the total amount of HUD Lead Hazard Control funds awarded to the City since 1995 to \$11,750,000. With this new funding, which commenced on January 1, 2009, over \$2,000,000 shall be granted to private homeowners to be utilized for the lead abatement of at least 200 privately owned housing units until the program's conclusion on December 31, 2011. The Lead-Based Paint Hazard Control Program, as designed, addresses the needs of the City's



distressed and aging housing stock and the physical well-being of its youth. The program addresses two important sectors of the local housing stock: (1) \$1,000,000 in deferred forgivable loans will be utilized to assist owners of at least 100 occupied units requiring full abatement due to the presence of a child with elevated blood lead levels, and (2) \$800,000 in deferred forgivable loans will be utilized to assist in the creation of lead-safe housing through the rehabilitation of vacant buildings needing lead hazard reduction prior to occupancy by nonprofit developers creating affordable units. Approximately 100 units will be assisted. A Special Considerations Fund (\$200,000) has been set aside to assist owners of occupied or vacant buildings being returned to use where there are extraordinary costs to abate or reduce hazards. The request balance (\$1,000,000) provides funds to support community outreach and education, lead testing and abatement specifications, and to staff and implement the program for a three year period.

New Haven's Lead-Based Paint Hazard Control Program is a collaborative

partnership consisting of two municipal departments, the Health Department and the Livable City Initiative (LCI), and the Yale/New Haven Lead Program & Regional Treatment Center. Each partner provides the services and oversight specific to their field of expertise and municipal responsibility. Thus far, with four rounds of HUD funding since 1995, over 965 housing units have been lead abated. Six hundred forty-nine (649) of these units reached green and healthy homes standards regarding health and safety issues in addition to weatherization and energy efficient appliances and furnaces. The Bureau shall reapply for additional HUD Lead Hazard Control funds once the notice of funding availability is issued in Summer 2011. As the Bureau's current program is exceeding all performance benchmarks and New Haven continues to present a need for such federal assistance, the Bureau is optimistic of a positive response.

There has been a decreasing trend in the number of children reported to the Health Department with elevated lead levels in their blood. From 2002 to 2010, the City has experienced a 41%

reduction. Despite the decline, New Haven reports the most lead poisoned children of all Connecticut cities.

Lead Poisoning in Children 6 Years of Age and Under, New Haven, 2002-2010

Year	Children Tested	Lead poisoned *	
	N	N	%
2002	6,325	448	7.1
2003	6,123	359	5.9
2004	5,769	385	6.7
2005	5,004	332	6.6
2006	5,138	299	5.8
2007	4,791	247	5.2
2008	5,017	259	5.2
2009	4,627	194	4.2
2010	4,522	185	4.1

*Blood lead level \geq 10 μ g/dL

EDUCATIONAL OUTREACH



As in prior years, the Bureau celebrated the legacy of Dr. Martin Luther King, Jr. by participating in a January event to promote environmental justice. The event was co-sponsored by Yale University and the State of Connecticut Department of Environmental Protection. Held at the Peabody Museum of Natural History at Yale University, the event was well attended

by hundreds of families. Bureau staff distributed lead poisoning prevention literature and “give away” items stressing the “Lead Free is Best for Me” message.

With resources provided by the public relations firm of Burson-Marsteller (and previously by Hill & Knowlton), the Bureau of Environmental Health has greatly enhanced its educational outreach efforts. Funding provided by Benjamin Moore Paint Company has enabled the firm of Burson-Marsteller to train and provide Bureau staff with interactive educational presentations designed for various venue sites. An artistically designed presentation booth equipped with a television/video cassette recorder and various “give away” items such as t-shirts, pens, sponges, soaps, frisbees and reading materials related to lead poisoning prevention have been created to attract and educate participants.

The lead poisoning prevention educational campaign has been an

overwhelming success. During the year, over 19,000 people visited the “booth” at schools, neighborhood events, community health fairs, church picnics, and day care centers in addition to events sponsored by the Bureau at Lighthouse Point Park, as well as the “Don’t Spread the Lead” campaign held within hardware stores. Media coverage

(both print and electronic) has also been extensively utilized this year to spread the lead poisoning prevention message. Radio broadcasts, including a radio public service announcement read by Mayor John DeStefano, Jr. and Alderman Jorge Perez (who read the message in Spanish), television

coverage, and newspaper articles appeared throughout the year to bolster the Bureau’s campaign. The radio announcements, which aired daily during the months of October, November, and December on two radio stations serving the greater New Haven area in addition to a listing of other radio stations, reached over one million listeners.



Childhood Lead Poisoning Investigations by Neighborhood, New Haven, 2005 - 2010

Neighborhood	Tract	2005	2006	2007	2008	2009*	2010*
Amity	12	1	3	0	2	4	3
Annex	27	1	3	4	1	0	2
Beaver Hill	14	5	8	6	7	3	9
Dixwell	16	2	6	6	3	1	4
Downtown	1	1	0	0	0	0	0
Downtown	17	0	0	0	0	0	0
Dwight	7	6	9	6	5	2	2
East Rock	19	1	1	1	0	3	4
East Rock	20	0	0	1	2	1	1
Edgewood	9	14	9	24	3	3	4
Fair Haven	23	9	14	2	9	8	10
Fair Haven	24	8	8	9	5	6	13
Fair Haven	25	4	4	4	4	4	5
Fair Haven Heights/Quinnipiac Meadows	26	2	8	4	2	3	4
Hill	3	3	5	6	2	6	4
Hill	4	5	5	4	2	3	7
Hill	5	6	5	5	9	9	1
Hill	6	3	5	9	8	3	6
Long Wharf	2	0	1	0	2	0	0
Morris Cove	28	0	0	1	0	0	1
Newhallville	15	18	13	7	6	3	5
Prospect Hill	18	6	4	1	5	1	1
West River	8	5	10	4	9	7	5
West Rock	13	2	0	2	0	1	0
Westville	10	0	0	1	1	3	5
Westville	11	0	0	0	0	0	0
Wooster Square	21	0	0	0	1	2	2
Wooster Square	22	1	0	0	0	0	0
Total	---	103	121	107	88	76	98

Note: An investigation may be initiated if a child is found to have a blood lead level of 20µ/dl or greater or requested by parent/caregiver

* In 2009 and 2010 values reflect venipuncture ≥ 15 µg/dl.

CONSUMER PROTECTION

Consumer Protection is an integral part of the Health Department's operations. The Bureau of Weights and Measures is mandated by the State of Connecticut, Connecticut State Statutes, Title 43-6, to test and inspect every weighing and measuring device in the City of New Haven ensuring consumer protection in the City. Whether it is at the gasoline pump, riding in a taxicab, or doing laundry at a laundromat, the staff help ensure consumers are getting what they pay for in the City of New Haven and reducing the likelihood of fraud and misrepresentation of goods.

DEVICE INSPECTION SUMMARY

Device Type	Total Inspected
Small Capacity Scales	359
Large Capacity Scales	19
Gas Meters	488
Taxi Meters	12

The following table outlines the Weights and Measures Division's 2010 activities.

Establishment	Number
Grocery stores/Laundromats/ Wholesale/ Shipping & Packing	179 establishments
Scales (small and large)	378 inspections, tests & rechecks
Gas Stations	36 establishments
Gas Meters	488 inspections, tests & rechecks
State Requests	15
Consumer Complaints	4
Federal Requests	0

2010 REVENUE

Gas Meters	
Amount Charged per Meter	\$45
Number of Meters	488
Meter Total	\$21,960
Scales	
Amount Charged per Scale	\$36
Number of Scales	359
Late Fees Collected	\$200
Scale Total	\$13,124
Grand Total	\$35,084

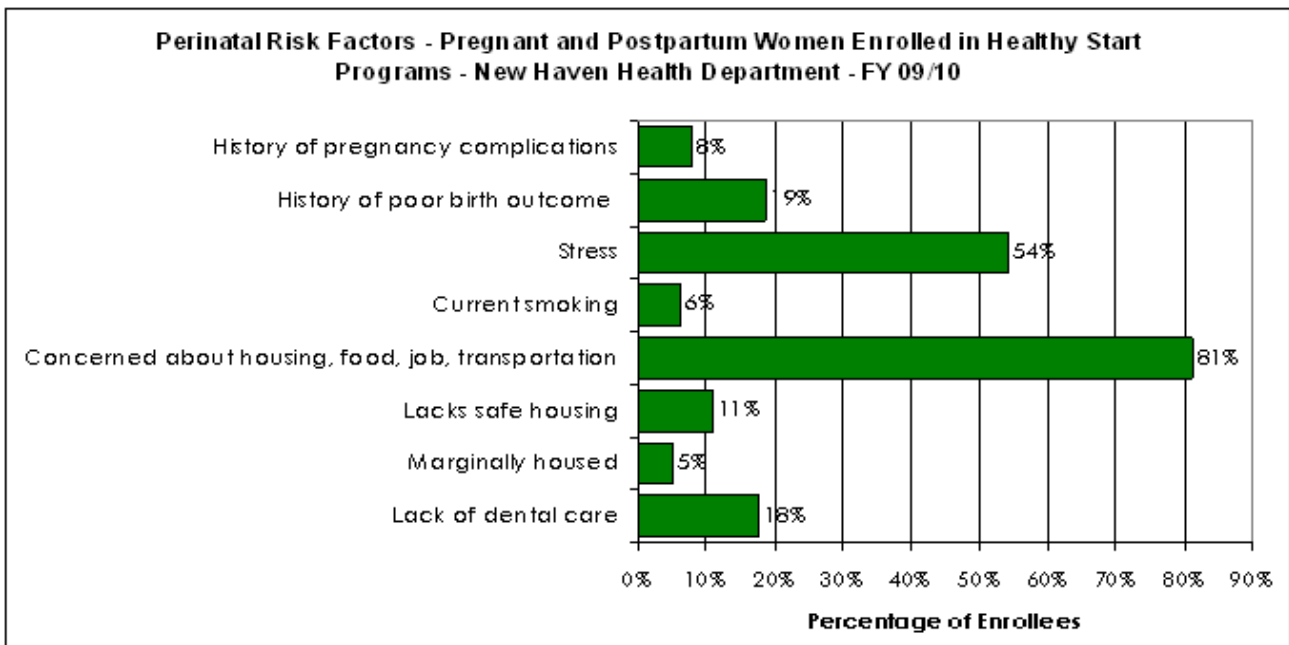
MATERNAL AND CHILD HEALTH

Made up of sixteen outreach workers and supervisors, with an annual budget near \$900,000, the Maternal and Child Health Division of the Health Department is spearheading the movement to improve pregnancy outcomes, reduce the infant mortality rate and promote family health and wellbeing in the City of New Haven.

The Maternal and Child Health (MCH) Division of the New Haven Health Department provides bicultural/bilingual community-based outreach and case management support for pregnant and parenting women and their families in order to successfully access health care and other support services. The Division works to ensure children are born as

healthy as possible and parents are equipped with the necessary skills to raise their children in a supportive, nurturing and safe environment.

In fiscal year 2010, (July 1, 2009 to June 30, 2010), the MCH Division's HUSKY Program enrolled 794 pregnant or postpartum women and 487 children. One thousand two hundred thirty seven (1,237) clients were identified as self-pay or uninsured. Eighty-one percent (81%) of the clients enrolled in the Division's Healthy Start Program reported housing, food, job and transportation as concerns, 54% reported stress as a major issue impacting their lives, 18% reported a lack dental care, and 6% reported current tobacco use. Program participants



ranged in age from 14 to 43 years with the majority of births occurring to women between the ages of 20 to 34.

In 2010, the Division established a free pertussis vaccination clinic and social marketing campaign, “A Circle of Protection”, targeting immediate and extended family members to address the increase in cases of pertussis in newborns. The Division collaborated with the Yale School of Medicine’s Department of Psychiatry to develop the MOMS Project, a program to address perinatal depression and trauma. The goal of the project is to conduct a health assessment as well as a strategic action and implementation plan to identify issues related to the mental health of pregnant and parenting women.

The Division became a partner agency



with the National Healthy Mothers, Healthy Babies Coalition (HMHB), the

White House Office of Science and Technology, and a coalition of mobile phone service providers when it

launched **text4baby**, (text4BEBE in Spanish), a free mobile service to promote maternal and child health. Women who sign up for the service receive free health information text messages each week, timed to their due date or their baby’s date of birth.

PROTECTING AGAINST CHILDHOOD DISEASES

Assuring children remain up-to-date with their immunizations and their vaccination records are available when they need them, the Connecticut legislature authorized the State Department of Public Health to establish a confidential computerized registry of preschool-aged children and their immunization records. Immunization coverage reports are generated for all Connecticut pediatric practices based on a child’s immunization status on their second birthday. Children born in 2007 are tracked through 2009 and the data are verified and reported in 2010.

Maternal and Child Health immunization rates for the 2007 birth cohort were 78%. Parents may obtain a copy of their child’s immunization history by calling (203) 946-7097 or the State Immunization Program, Department of

Public Health at (860) 509-7929. Proper identification is required.

STRENGTHENING FAMILIES AND PROTECTING CHILDREN

The Division's Nurturing Families Network (NFN) Program helps clients receive parenting, newborn care, and breastfeeding support, as well as connections to various community resources. It served 43 families in fiscal year 2009-2010, including 45 children, 34 post-partum clients, and 8 prenatal clients. Thirty-eight group sessions were conducted with prenatal teenage girls and parenting families. According to research conducted by the University of Hartford's Center for Social Research, almost two-thirds of NFN mothers completed high school after two years in the home visiting program (an increase from about half at entry), and the proportion of mothers employed almost doubled, to about 50%. Fathers' rates of high school completion also increased to about the same level as the mothers, and the proportion of fathers employed full-time rose dramatically, from 15% at entry into the program to 38% two years later.

ACCESS TO HEALTH CARE FOR FAMILIES

Access to health care continued to be a major focus in 2010. In the City of New Haven, the Health Department serves



as the South Central Connecticut Regional Administrator for the HUSKY Program providing assistance for pregnant women and their families applying for health insurance. HUSKY is Connecticut's State Health Insurance Program. Clients receive short-term, limited care coordination, a comprehensive risk assessment, referrals and follow up through a partnership administered by the Community Foundation for Greater New Haven's Federal Healthy Start Initiative.

For more information about MCH programs or HUSKY insurance application assistance, please call (203) 946-8187.

MATERNAL AND CHILD HEALTH PROGRAMS

CONNECTICUT HEALTHY START, HUSKY INSURANCE APPLICATION ASSISTANCE

A Connecticut Department of Social Services funded program that assists pregnant women and their families applying for health insurance. Clients receive short-term, limited care coordination, a comprehensive risk assessment, referrals and follow-up. The New Haven Health Department is the South Central Connecticut Regional HUSKY administrator.

CONNECTICUT HEALTHY START, MATERNAL AND NEWBORN OUTREACH SUPPORT (MANOS) PROGRAM

A Connecticut Department of Social Services funded intensive case-management and home visiting program for pregnant women who are identified for being at risk for a poor birth outcomes. Services include family re-unification, medical transportation, advocacy, referrals for employment, training and housing, behavioral health and substance abuse treatment.

NURTURING FAMILIES NETWORK (NFN)

A Connecticut Children's Trust Fund, Department of Social Services funded program designed to promote positive parenting and reduce incidences of child maltreatment for high risk, first time parents. Components of the program include a focus on fathers, (among the first in the nation), support groups (teen and co-ed), and weekly home visiting.

PEDIATRIC IMMUNIZATIONS- CONNECTICUT IMMUNIZATION REGISTRY AND TRACKING SYSTEM (CIRTS)

A Connecticut Department of Public Health funded program that tracks immunization compliance and provides outreach and case finding for children up to 24 months of age.

NEW HAVEN HEALTHY START

A federally funded program administered by the Community Foundation for Greater New Haven to improve birth outcomes and reduce health inequities for African American women. Healthy Start begins with preconception counseling and includes prenatal, postpartum and infant care and targeted support services that address identified needs.

HEALTH EDUCATION

The Health Education Division (HED), a program of the Maternal, Child and Family Health Division, delivers various health education and risk reduction services to the New Haven community. The goal of these services is to reduce premature death and disability from chronic disease, and unintentional injury among New Haven residents.

THE HEALTHY CORNER STORE INITIATIVE

In 2010, the Health Education Division joined with Yale University's CARE Program (Community Alliance for Research and Engagement) and other community partners to embark on a new endeavor that will encourage and assist neighborhood corner store owners to make more healthy foods available to their customers.

In 2009, as part of a larger chronic disease study in New Haven, CARE conducted asset mapping in six high-risk neighborhoods. Health surveys of

1,205 adults were collected in six targeted neighborhoods along with surveys and physical measurements of 1,094 fifth/sixth grade students. Of adult survey respondents, 38% reported having high blood pressure, 29% reported being overweight or obese, 18% reported having diabetes, and 6% reported having heart disease – higher than national averages. Among children, one out of every two is overweight or obese. These data indicate high prevalence of disease and risk among



residents and illustrates environmental factors that impede residents from engaging in healthy behaviors – namely lack of access to fresh produce and other healthy foods.

While these corner stores typically sell foods high in fat, sugar, and salt, their sheer number offers an opportunity to improve consumer access to healthier food options and fresh produce. Funded through grants from the Connecticut Department of Public Health and CARE, plans are being

finalized for the Healthy Corner Store Initiative. The Health Education Division, CARE and its community partners will launch the Corner Store Initiative in the spring of 2011.

UNINTENTIONAL INJURY PREVENTION

The Health Education Division coordinates a **Child Residential Safety Program** implemented by the Health Department's Maternal and Child Health Division. Over the past year, MCH outreach staff performed 23 home safety assessments and corrected 145 hazards that threatened the safety of children under the age of six. Over 400 safety supplies, as well as educational materials, were provided to New Haven families. Cabinet locks, electrical outlet plugs, carbon monoxide alarms, bath water testers, and small object testers were among the supplies distributed by MCH outreach staff.

Reducing unintentional injury and death among children due to motor vehicle crashes continues to be a priority of the New Haven Health Department. In 2010, Health Education Division staff conducted five community-wide presentations for over 60 families as part of the **Child Passenger Safety Education Program**. Through a

partnership with New Haven Head Start, child passenger safety presentations were conducted at four Head Start centers. Through this partnership, Health Education Division staff will continue to provide presentations at Head Start centers and will also provide them at other community sites.

SAFE KIDS GREATER NEW HAVEN

Since 2005, Health Education Division



staff has co-lead the Greater New Haven Chapter of Safe Kids with Quinnipiac

University's Occupational Therapy Department. "**Safe Kids**" is a worldwide organization dedicated to reducing unintentional injury and death among children up to the age of fourteen. In October 2010, Safe Kids Greater New Haven promoted pedestrian safety on "International Walk to School Day." Halloween Safety presentations were conducted in 12 Head Start classrooms. Over 200 children and families participated in the "Youth Day Fair" at the Yale Bowl in September and at the "Children's Fall Festival" at St. Andrew's Nursery School. The Health Education Division, in collaboration with Quinnipiac

University, facilitated Safe Kids Greater New Haven's participation in numerous community health and safety events, serving over 1,000 New Haven and Greater New Haven residents.

WATER SAFETY

In 2010 Safe Kids Greater New Haven, in collaboration with the New Haven YMCA and other community partners, began the process of establishing a water safety/swimming instruction program for middle school youth in New Haven. This program, modeled after the U.S.A. Swimming Foundation's **"Make A Splash"** Program, helps people of all ages, especially children and families, learn basic swimming skills and water safety practices.

The Health Education Division will extend this program to children and families it has not traditionally reached, especially those in New Haven's low-income neighborhoods. The "Make A Splash" Program will pilot in the summer of 2011.



EMERGENCY PREPAREDNESS

The Office of Emergency Preparedness works to ensure the City of New Haven responds effectively to natural disasters, acts of terrorism and other emergencies that could affect the public's health.

This mission is achieved through planning, training, educating, and collaborating with local, regional, state, and community stakeholders.

In 2010, the Office strived to build relationships with local faith-based organizations, which traditionally have the support and trust of patrons and are known for serving the local community. Over the course of several months, the Office hosted planning meetings and workshops, which culminated in a table top exercise entitled "*Leap of Faith.*" The goal of the initiative was to determine if faith-based organizations would be able to operate a POD, or point of dispensing, in the event of a public health emergency. The Office was able to recruit several faith-based organizations during the process, an important step in involving faith-based organizations in emergency preparedness planning.

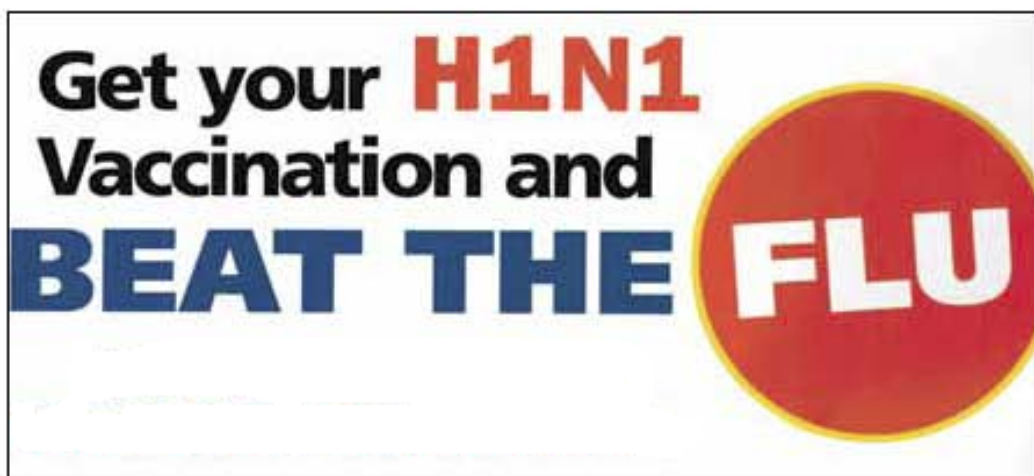
In the event of a bioterrorism attack, the Health Department is prepared to do mass dispensing in order to provide medications quickly to the entire New Haven population to prevent disease.

The Office undertook a number of activities to prepare for such an event, including:

- The Office conducted a Technical Assistance Review. This annual review is performed with regional, state, and federal partners to identify strengths and weaknesses in the Department's plans to conduct mass dispensing.
- The Office worked with community partners such as Cornell Scott Hill and Fair Haven Health Centers, Yale University, and the Regional Water Authority to plan for mass dispensing.
- The Office worked with City departments to plan for the dispensing of medications in response to a public health emergency in order to maintain critical government operations.

Other public health emergency preparedness activities included:

- Updating the Department's Emergency Response plan. The plan spells out how essential public health services would be maintained during a disaster.
- Providing educational materials at public health fairs and community sponsored events.
- Recruiting and training volunteers, staff, and community stakeholders in Emergency Response planning and practices. The Department has 118 confirmed Emergency Response Team volunteers.
- Redesigning and updating the City's emergency information webpage in collaboration with the New Haven Office of Emergency Management (OEM) on a variety of topics, such as disaster preparedness, product recalls, water shortages, and floods.
- Preparing for public health emergencies by participating in seminars, drills, and exercises.
- Providing flu vaccine clinics in the community and to City employees.
- Participating in emergency response operations at the City's Emergency Operations Center.



EPIDEMIOLOGY

The mission of Epidemiology is to provide the Health Department and community at large with information for evidence-based public health action. In 2010, an Epidemiologist joined the Health Department staff, enhancing the Department's capacity to collect, analyze and disseminate public health information.

Epidemiology monitors data to assess the health of New Haven citizens and to identify potential health problems. For example, certain infectious diseases are reportable to the Department. These reports are reviewed to understand the extent and nature of these conditions and to identify potential outbreaks.

Epidemiology examines vital records to better understand the residents' health. Death certificates are reviewed weekly as part of the CDC 122 Cities influenza and pneumonia surveillance. Using death and birth certificate data, important community health indicators are examined including infant mortality, teenage pregnancy, and leading causes of death.

Epidemiology participates in the investigation and control of infectious

diseases. For example, people with foodborne disease are interviewed to help prevent the spread of disease and identify potentially contaminated food items. In 2010, Epidemiology helped to investigate a multi-state outbreak of mumps.

In addition to routine monitoring, Epidemiology provides information on issues of public health concern in New Haven. In 2010, two of these issues were community violence and childhood obesity. As part of the Health Equity Alliance and Health Matters!, Epidemiology lead the development of a report on the public health impact of community violence in New Haven. Epidemiology also performed a study to examine the prevalence of overweight and obesity amongst New Haven high school students.

Finally, the monitoring and control of disease and injury are important aspects of public emergency disaster preparedness and response. Epidemiology provides technical assistance for emergency planning, exercises, and response.

Reported Communicable Diseases, New Haven, 2005 - 2010*

	2005	2006	2007	2008	2009	2010*
Chlamydia	1,405	1,421	1,460	1,572	1,505	1,419
Giardiasis	16	14	20	8	13	14
Gonorrhea	361	421	397	582	448	342
Hepatitis A	3	5	0	0	0	0
Hepatitis B (Acute)	5	2	3	3	1	5
Hepatitis B (Chronic)	20	34	24	40	43	23
Hepatitis C (Acute)	4	2	0	0	2	2
Hepatitis C (Chronic/Resolved)	191	187	168	170	126	119
HIV Infection	NR	NR	NR	NR	NR	50
Legionnaires' Disease	2	1	2	2	4	2
Malaria	2	1	1	1	1	0
Measles	0	0	0	0	0	0
Meningococcal Disease	1	0	1	0	0	0
Mumps	0	0	0	0	0	3
Salmonellosis	14	21	22	22	21	19
Shigellosis	1	5	5	0	1	3
Syphilis (primary/secondary)	15	6	6	9	4	16
Tuberculosis	6	6	10	8	11	4
Whooping Cough (Pertusis)	4	3	4	1	0	1

*2010 - Data provisional, March 2010

NR = Not reportable

Chlamydia Laboratory Reports, New Haven Residents, 2010

Age	Female		Male		Total	
	N	%	N	%	N	%
0-9	0	0.0	1	0.3	1	0.1
10-14	17	1.6	1	0.3	18	1.3
15-19	405	37.7	97	28.0	502	35.4
20-24	416	38.8	122	35.3	538	37.9
25-29	138	12.9	64	18.5	202	14.2
30-34	56	5.2	30	8.7	86	6.1
35+	40	3.7	31	9.0	71	5.0
Unknown	1	0.1	0	0.0	1	0.1
Total	1,073	100	346	100	1,419	100

Race/Ethnicity	N	%
Black	770	54.3
Hispanic	213	15.0
White	90	6.3
Other	5	0.4
Unknown	341	24.0
Total	1,419	100

Gonorrhea Laboratory Reports, New Haven Residents, 2010

Age	Female		Male		Total	
	N	%	N	%	N	%
0-14	3	1.5	1	0.7	4	1.2
15-19	79	39.1	24	17.1	103	30.1
20-24	81	40.1	49	35.0	130	38.0
25-29	27	13.4	22	15.7	49	14.3
30+	12	5.9	43	30.7	55	16.1
Unknown	0	0.0	1	0.7	1	0.3
Total	202	100	140	100	342	100

Race/Ethnicity	N	%
Black	232	67.8
Hispanic	41	12.0
White	18	5.3
Other	0	0.0
Unknown	51	14.9
Total	342	100

VITAL STATISTICS

The Department's Office of Vital Statistics preserves and records all births, deaths, civil unions and marriages that occur in the City of New Haven or that occur outside of the City to New Haven residents. Adoptions, legal changes of name and amendments are also recorded.

Resident copies are sent to the cities and towns in Connecticut for those people who are not New Haven residents but had an event that occurred in New Haven.

Revenue from the Office is generated from the distribution of certified copies, permits and licenses to the public.

The Bureau has daily interaction with the public and a variety of federal, state, and local agencies that require information pertaining to vital records. Original records dating from 1649 are stored and maintained in the Bureau's vault. Computerized storage of files began in 2003.

New Haven Vital Records, 2010

Records Issued	Number	Total Charge
Marriage License	1,235	\$37,050
Marriage License Same Sex	93	\$2,790
Certificate of Marriage	2,440	\$48,800
Civil Union License	2	\$60
Certificate of Civil Union	10	\$200
Certificate of Death	10,116	\$202,320
Burial Permits	2,054	\$6,162
Certificate of Birth	18,626	\$372,520
Certificate of Birth Wallet	3,713	\$55,695
Disinterment Permits	10	\$30
Cremation Permits	828	\$2,484
Search Fee	18	\$360
Town Copies	3565	\$7,130
TOTAL	42,710	\$735,601

HIV/AIDS SERVICES

AIDS Division's efforts are aimed at the prevention of new HIV/AIDS cases, the identification and facilitation of those infected into needed medical and social services, and the promotion of behavioral changes to reduce the individual's risk for infection. Programs provided include: HIV Counseling and Testing, Syringe Exchange, Drug Treatment Referral and Transportation, AIDS Education and Outreach, HIV Case Management-Medication Adherence, Housing Opportunities for People with AIDS (HOPWA), Ryan White Part A care services for New Haven and Fairfield Counties, and coordination of the New Haven Mayor's Task Force on AIDS.

HOPWA

HOPWA is funded by the Federal Housing and Urban Development (HUD) Agency. In conjunction with the New Haven Consolidated Plan, this program provides housing and supportive services for low income people living with HIV/AIDS and are either homeless or at risk for homelessness. The program

provides services in New Haven, Waterbury, Meriden, and the Connecticut Valley. Over one million dollars in funding was distributed to seven agencies through a grants process.

RYAN WHITE PART A

Ryan White Part A was awarded \$7.2 million in 2010 to provide care services in two Connecticut counties - New Haven and Fairfield. This funding was distributed to 29 agencies which served a total of 3,404 unduplicated clients. Services are mandated by the Federal Human Resources and Services Administration (HRSA) and seventy-five percent (75%) of all funding must go to "core" services which include: primary medical care, mental health, substance



abuse treatment, medical case management, oral health, and health insurance. Twenty-five percent (25%) is allocated to “support” services which must be linked to medical outcomes and include: medical transportation, outreach, emergency financial assistance, housing assistance, and food-bank home delivered meals.

MAYOR’S TASK FORCE ON AIDS

The New Haven Mayor’s Task Force on AIDS advises the Mayor on emerging and ongoing issues impacting HIV/AIDS; identifies, monitors, and supports needed policy initiatives; strengthens relationships among all member of the HIV/AIDS community; and serves as a catalyst for community activities that focus public attention on the HIV/AIDS pandemic. The Task Force participates in the coordination of AIDS Awareness Month, World AIDS Day events, various health fairs including the annual NAACP Health Fair, the National HIV Counseling & Testing Day, and the annual Yale-AIDS Walk, which provides additional funding to member organizations of the Mayor’s Task Force on AIDS.

CONNECTICUT HIV/AIDS PREVENTION AND CARE SERVICES

The Staff also participates in the Connecticut HIV/AIDS Prevention and Care (CHPC) services which establish the priorities and funding allocations for the statewide HIV/AIDS plan promoted by the Connecticut State Health Department. This is in response to funding requirements from the Centers for Disease Control (CDC). The HIV/AIDS Division Director co-chairs the New Haven Prevention Group which is responsible for coordinating all of the prevention services being provided by the various HIV/AIDS providers within the City funded by the Connecticut State Department of Public Health.

People Living with HIV/AIDS, New Haven, 2010

Demographic	Risk/Mode of Transmission												Total	
	IDU		MSM		MSM/IDU		Heterosexual		Pediatric		Other/Unknown			
	N	%	N	%	N	%	N	%	N	%	N	%	N	%
TOTAL	637	42%	297	19%	34	2%	363	24%	40	3%	160	10%	1,531	100%
Gender														
Male	419	43%	297	30%	34	3%	111	11%	19	2%	101	10%	981	64%
Female	218	40%	--	--	--	--	252	46%	21	4%	59	11%	550	36%
Race/Ethnicity														
White	125	36%	145	42%	12	3%	41	12%	1	0%	24	7%	348	23%
Black	336	43%	91	12%	15	2%	217	28%	26	3%	94	12%	779	51%
Hispanic	171	45%	50	13%	5	1%	103	27%	13	3%	40	10%	382	25%
Other	5	23%	11	50%	2	9%	2	9%	--	--	2	9%	22	1%
Age														
0-12	--	--	--	--	--	--	--	--	2	100%	--	--	2	0%
13-19	--	--	4	17%	--	--	1	--	17	74%	1	4%	23	2%
20-29	5	7%	22	30%	1	1%	10	14%	20	27%	16	22%	74	5%
30-39	50	25%	56	28%	5	2%	57	28%	1	0%	33	16%	202	13%
40-49	181	34%	113	21%	15	3%	154	29%	--	--	63	12%	526	34%
50-59	315	59%	76	14%	8	2%	102	19%	--	--	31	6%	532	35%
60+	86	50%	26	15%	5	3%	39	23%	--	--	16	9%	172	11%

Note: Provisional data as of March 2010

% = Row percentages

IDU = Injecting Drug User

MSM = Men who have sex with men

New HIV/AIDS Cases, New Haven, 2010

	N	%
TOTAL	48	100
Gender		
Male	40	83.3
Female	8	16.7
Race/Ethnicity		
White	10	20.8
Black	28	58.3
Hispanic	9	18.8
Other	1	2.1
Risk/Mode of Transmission		
IDU	5	10.4
MSM	16	33.3
MSM/IDU	1	2.1
Heterosexual	6	12.5
Pediatric	0	0
Other/Unknown	20	41.7

PREVENTIVE MEDICINE

The goal of the Preventive Medicine Division is to trace disease patterns and their origins. The objective is to avoid morbidity and mortality in New Haven residents by controlling and investigating communicable diseases. The Division offers specialized clinics to provide information, prophylaxis and treatment related to flu protection, tuberculosis testing, STD screening, HIV counseling/testing and adult immunizations.

H1N1 AND INFLUENZA

The Department continued to monitor the 2009-2010 H1N1 flu epidemic. Large quantities of the monovalent vaccine were not available until January 2010. By autumn 2010, the H1N1 strain was incorporated into the Seasonal Flu vaccine, which was administered at elderly community centers, City Hall and Health Department clinics. In 2010, 460 Seasonal Flu vaccines were directly administered and 410 vaccines were distributed to private medical facilities and homeless shelters.

SEXUALLY TRANSMITTED DISEASES

In 2010 the STD Clinic evaluated and treated 1,108 patients, a decrease of 0.3% from the previous year's total.

HIV Counseling and Testing. The STD Clinic continues to offer individuals HIV counseling and testing. All clients entering the clinic received basic HIV prevention counseling. In 2010, 885 individuals agreed to testing, representing an 18.4% increase. A Rapid Test reagent was utilized, allowing patients to receive the results during their clinic visit. Two (2) individuals tested positive for HIV and were provided appropriate referrals. The State Department of Public Health CARE Program has a satellite office in the clinic and counsels individuals who had sexual contact with persons newly diagnosed with HIV.

Gonorrhea. A total of 342 cases of Gonorrhea were reported in 2010, a 23.6% decrease from the previous year. Gonorrhea continues to be at one of its lowest levels for the past decade. Sixty-nine percent (69.3%) of cases were diagnosed in ages 10-24 and 67.8% of cases were found in African Americans, 11.9% in Hispanics, and 5.2% in Caucasians. Fifty-nine percent (59%) were females and 41% were males.

Syphilis. Sixteen (16) cases of "Primary/Secondary" Syphilis were reported in 2010, a 100% increase from 2009. Nevertheless, the City continues to report historically low numbers of syphilis. Seventy percent (70%) of cases were reported in men having sex with men, 50% of whom were co-infected with HIV. Ninety-three percent (93.7%) of cases were male and 6.3% were female. African Americans comprised 38% of cases, Caucasians represented 31%, and Hispanics represented 31%. Eight hundred eighty-five (885) Syphilis tests (VDRL) were completed, of which 22 tests were positive. Twenty-one Rapid Syphilis tests were performed, of which 16 tests were positive. The Department continues aggressive programs of contact tracing and treatment for infected individuals.

Chlamydia. Chlamydia continues to be the most prevalent STD, with 1,419 cases reported, a 5.7% decrease from 2009. Seventy-four percent (74.5%) of cases were among 10-24 year-olds. Seventy-five percent (75.6%) of cases were diagnosed in females and 24.4% of cases were diagnosed in males. Fifty-four percent (54%) of cases were

among African Americans, 15% among Hispanics, and 6% among Caucasians.

HIV/AIDS. At the end of 2010, New Haven reported 2,631 cumulative cases of AIDS since reporting started in 1982. A total of 20 new AIDS cases were reported in 2010, a forty percent (40.7%) decrease in cases. Twenty-eight (28) new cases of HIV (non-AIDS) were newly reported in 2010.

Therefore, 473 cumulative cases of HIV (non-AIDS) have been diagnosed since 2002. (Provisional 2010 AIDS data from State Health Department)

TUBERCULOSIS

In 2010, six cases of Mycobacterium Tuberculosis, four pulmonary and two extra-pulmonary, were documented, a 45.5% decrease from 2009. In the last decade, tuberculosis in New Haven continues to be at its lowest historical level. One individual was identified as having a multi-drug resistant strain in 2010. Tuberculosis tends to occur in immigrant populations from countries with endemic tuberculosis. Three of the pulmonary cases were from foreign born individuals and one from a U.S. Territory. All cases were treated by a Directly Observed Therapy (DOT) Health Department nurse.

LABORATORY

The Bureau of Laboratories of the New Haven Health Department is a state and federally certified Public Health Laboratory (PH-0708). It provides the Department, other City agencies, and the public with quality assured clinical and environmental laboratory services. These services include serological and microbiological tests in support of the Department's Sexually Transmitted Disease Clinic (STD), analysis of the sanitary quality of recreational bathing water, the distribution of vaccines to local health care providers, and the disposal of biological hazardous wastes.

In order to allow clinic physicians to quickly diagnose and treat patients, tests are done in the laboratory for a variety of infections, including gonorrhea, urethritis, vaginitis, Candida (yeast), trichomonas, syphilis, and HIV, as the patients wait. Screening tests are also performed for syphilis on all STD Clinic clients, for the HIV Counseling and Testing Clinic, and for the Yale-New Haven Community Health Care Van.

The water quality at the City's Lighthouse Point Park Beach is

Test	Used to Detect	#
Dark Field Microscope	Syphilis	1
Gram Stain	Gonorrhea, Urethritis, Vaginitis	695
Serology	Syphilis	907
Serology	HIV	885
Wet Prep	Candidiasis, Trichomonas, Vaginosis	239

monitored weekly to check for microorganisms that would indicate the presence of contamination from sewage or animal waste. Testing is performed throughout the swimming season, from Memorial Day until Labor Day. These samples are collected by Health Department sanitarians and laboratory personnel.

In cooperation with the Connecticut Department of Public Health's Immunization Program, Laboratory staff are responsible for maintaining the Health Department's supply of pediatric vaccines, adult Hepatitis A and Hepatitis B vaccines for the STD Clinic, and was the primary receiving and storage point for seasonal and H1N1 influenza vaccines.

The disposal of all hazardous, biological waste material generated by the laboratory, the Preventive Medicine Clinic, the Needle Exchange Program, and the Bureau of Environmental Health is a function of the Laboratory staff.

ADMINISTRATIVE SERVICES

Under the leadership of the Director of Health, Department staff work diligently to carry out the essential public health services. These include: monitoring the health status of the community; investigating health problems; informing, educating and empowering the community concerning health issues; mobilizing partnerships; developing policies and plans to address health concerns; enforcing public health laws and regulations; assuring a competent health care system; evaluating the effectiveness of existing programs and services; and researching new opportunities to deal with identified health problems and issues.

In cooperation with the Director of Public Health, fiscal staff manage and oversee the Department's finances, both general and special funds. Staff also assures compliance with City administrative requirements and with requests from grantee agencies and maintains fiscal responsibility and accountability for both the general operating budget and each special fund account.

The Department was appropriated \$3,359,850 from the City's general funds (local tax dollars) for the fiscal

year July 1, 2010 to June 30, 2011. The Department obtains supplemental funding each year from other sources to improve the level of public health services offered to the citizens of New Haven without increasing the burden of cost to the taxpayer. Special funds secured by the Department from federal, state, and foundation grants totaled \$14,376,921. The Department has a total of 95 employees, 62 are general fund and 33 are special fund positions.

New Haven Health Department by Numbers, 2010

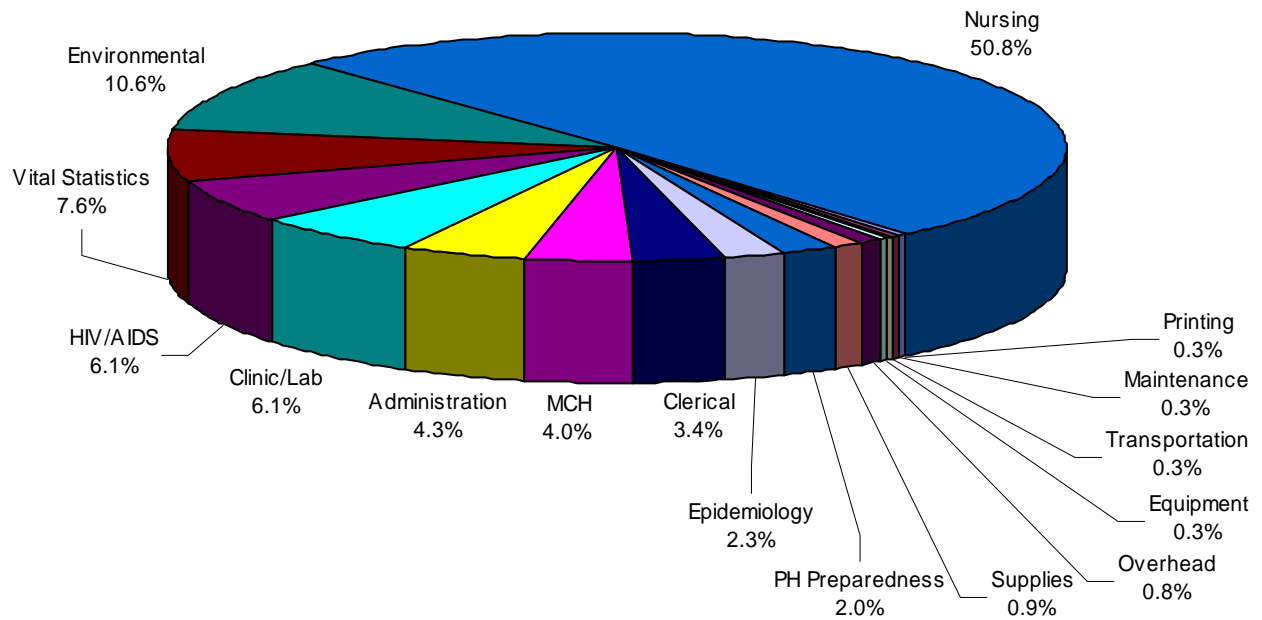
Personnel	Number
General Fund	62
Special Fund	33
Total	95

Budget	Dollars
General Fund	\$3,359,850
Special Fund	\$14,376,921
Revenue	\$900,000
Total	\$18,636,771

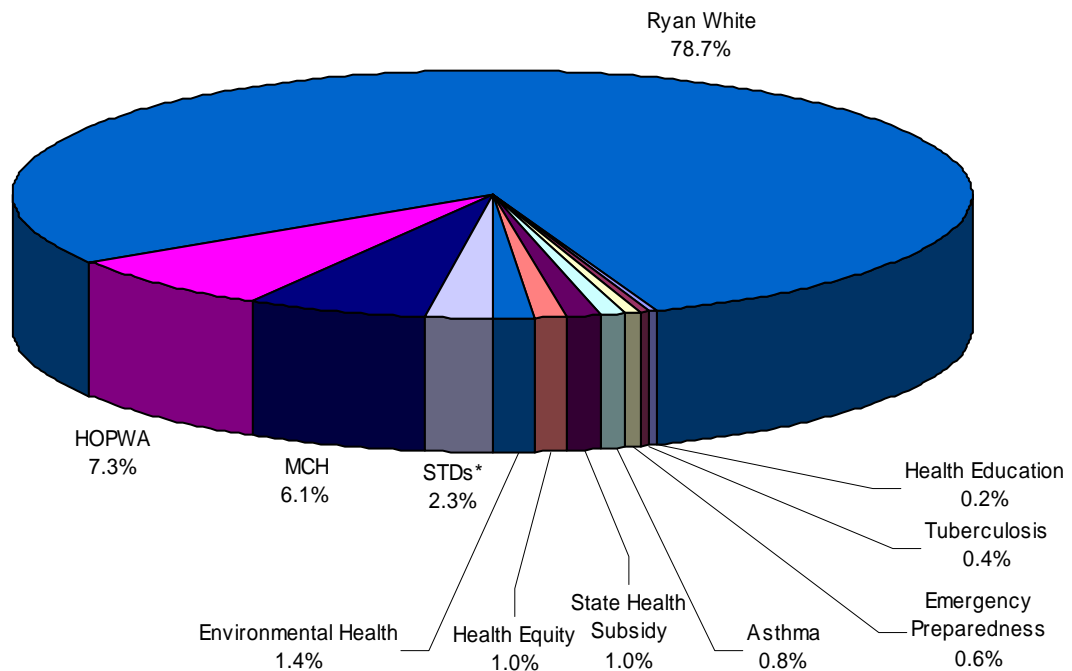
Special Fund Source	Dollars
Federal	\$12,506,970
State	\$1,505,753
Other	\$364,198
Total	\$14,376,921

The Department generated \$900,000 through various fees charged for services rendered (e.g., clinic fees), permits issued (i.e., food service licenses, vital records, pool permits, day care center inspections), and reimbursement from the State of Connecticut for school health services provided to non-public schools.

Distribution of General Funds

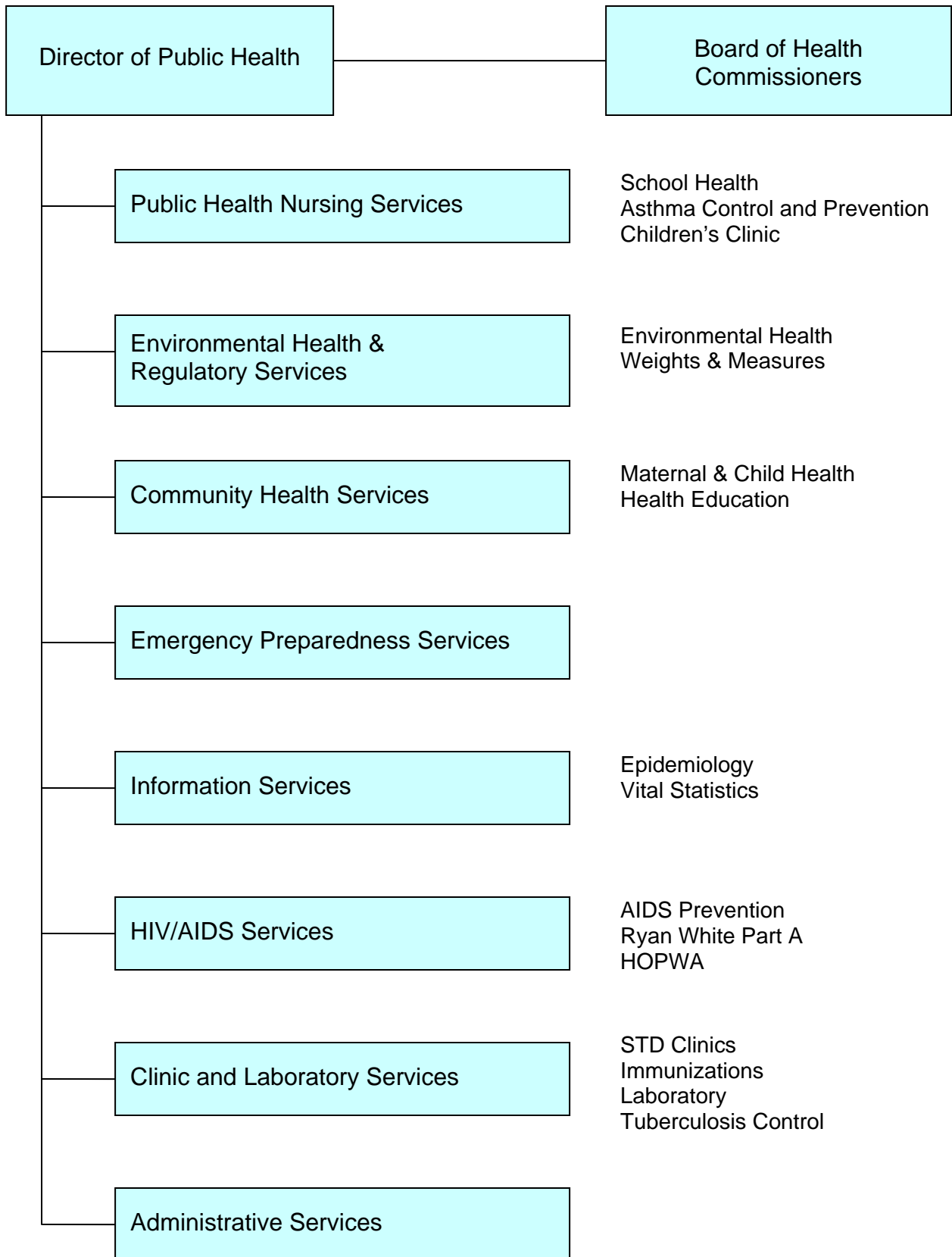


Distribution of Special Funds



*STDs includes funding for HIV prevention and Needle Exchange programs

New Haven Health Department Structure - 2010



NEW HAVEN BOARD OF HEALTH

John DeStefano, Jr. , (Ex-Officio)
Mayor, City of New Haven

Katrina Clark, MPH
Fair Haven Community Health Center

Reid Davis, RPh, MPH

Tamiko Jackson-McArthur, MD
Pediatrician

Heather Reynolds, CNM, MSN
Yale School of Nursing

James Hadler, MD, MPH
Former State Epidemiologist

NEW HAVEN HEALTH DEPARTMENT EXECUTIVE STAFF

Mario Garcia, MD, MSc, MPH
Director of Public Health

OFFICE OF THE DIRECTOR

Pamela DeZutter
Fiscal Administrative Assistant

Laura Mattaliano, MPH
Special Assistant to the Director of Health

HIV/AIDS SERVICES

Matthew Lopes, MPH
Division Director

Thomas Butcher, MEd
Ryan White Part A

CLINIC AND LABORATORY SERVICES

Fred Gager, MD
Medical Advisor

Maureen Bruce
Clinic Charge Nurse

Vacant
Director, Laboratory

ENVIRONMENTAL HEALTH

Paul Kowalski, MPH, RS
Division Director

Kristen Bayer, MALS
Sealer, Weights and Measures

EMERGENCY PREPAREDNESS

Cristie Duric
Public Health Preparedness Coordinator

COMMUNITY HEALTH

Maria Damiani, MS
Director, Maternal and Child Health

Kathleen Hagearty, LCSW
Project Coordinator, Nurturing Families Network

MaryAnn Zavorskas, MS, CHES
Health Education Assistant

INFORMATION SERVICES

Amanda Durante, PhD, MSc
Epidemiologist

Lisa Wilson
City Registrar of Vital Statistics

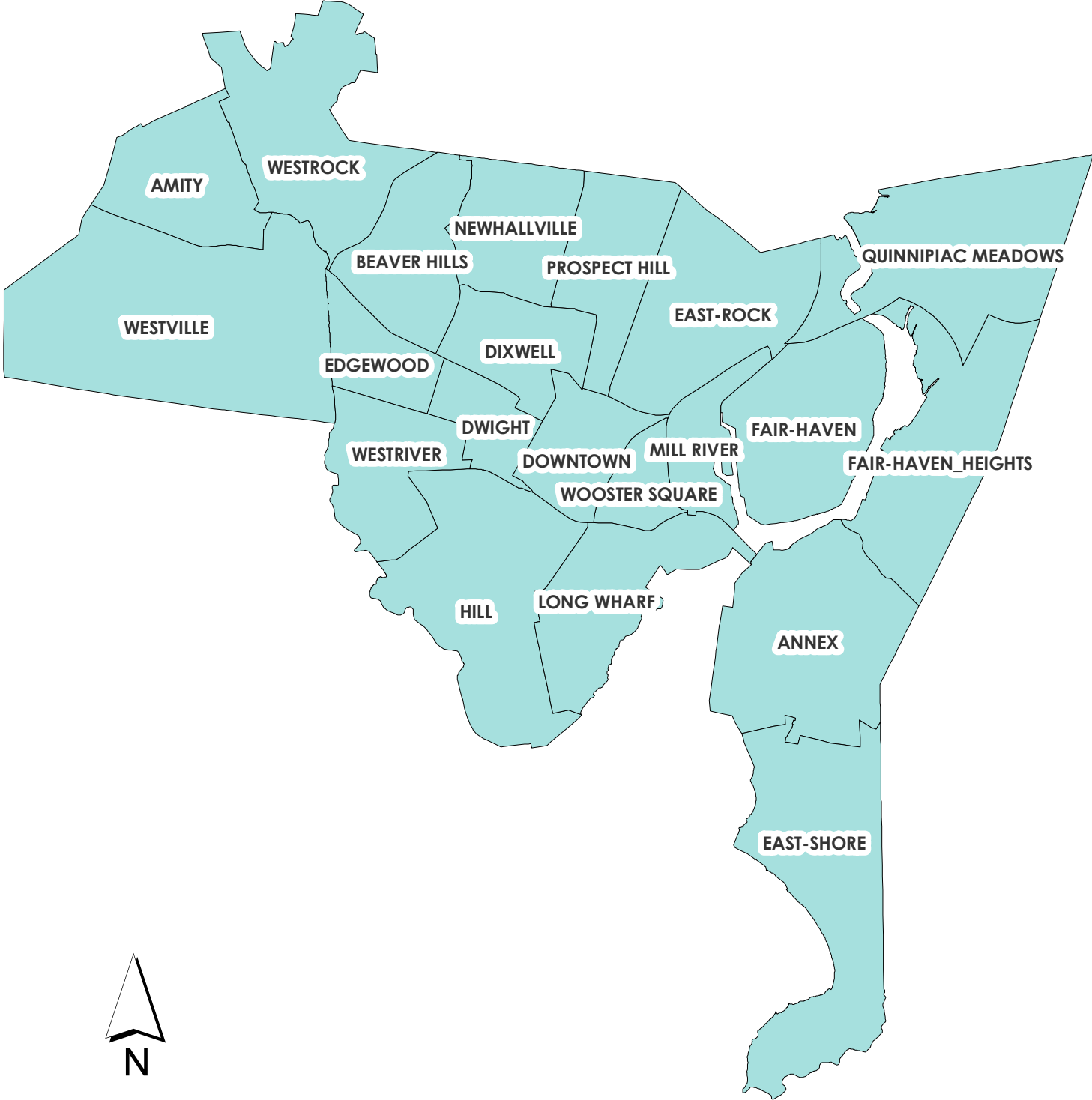
PUBLIC HEALTH NURSING

Kathryn Carbone, RN, MS, NCSN
Division Director

HEALTH EQUITY ALLIANCE

Shanta Evans, MBA
Coordinator

CITY OF NEW HAVEN BY NEIGHBORHOOD



Developed by the New Haven Health Department staff.



New Haven Health Department
54 Meadow Street, 9th Floor
New Haven, CT 06519
(203) 946-6999
www.cityofnewhaven.com/health