



# *The Cook County Department of Public Health Annual Report 2009*

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**Cook County  
Department of Public Health**  
**Cook County Health & Hospitals System**



TEAMWORK ○ DEDICATION ○ SUCCESS

# Cook County Department of Public Health

**Stephen A. Martin, Jr., PhD, MPH**

Chief Operating Officer

## **Executive Staff**

Percy Harris

Assistant Operating Officer

Linda Rae Murray, MD

Chief Medical Officer

Christina R. Welter, DrPH, MPH

Deputy Director, Prevention Services

Jessica Pipersburgh

Special Council

Noreen Lanahan

Director, Financial Control

Linda Steadman

Director, Human Resources

Sean McDermott

Director, Policy Development & Communications

Michael Vernon, DrPH

Director, Communicable Disease Control

Sandra Martell, RN, MS

Director, Integrated Health Support Services

Tom Varchmin, MS, LEHP

Director, Environmental Health Services

[WWW.COOKCOUNTYPUBLICHEALTH.ORG](http://WWW.COOKCOUNTYPUBLICHEALTH.ORG)

# Cook County Department of Public Health District Offices

Administrative Office  
1010 Lake Street  
Oak Park, IL 60301  
708-492-2000  
708-492-2002 TDD

North District Office  
3rd District Courthouse  
2121 Euclid Avenue  
Rolling Meadows, IL 60008  
847-818-2860  
847-818-2023 TDD

South District Office  
6th District Courthouse  
16501 S. Kedzie Parkway  
Markham, IL 60426  
708-232-4500  
708-232-4010 TDD

West District Office  
Eisenhower Tower  
1701 S. First Avenue  
Maywood, IL 60153  
708-786-4000 phone  
708-786-4002 TDD

Southwest District Office  
5th District Courthouse  
10220 S. 76th Avenue  
Bridgeview, IL 60455  
708-974-6160 phone  
708-974-6043 TDD

## Operating Budget Fiscal Year 2009 Appropriations (\$)

Grant 21,951,801  
Corporate 15,953,500  
Special Revenue 8,516,300  
**Total:** 46,421,601



My name is Dr. Stephen Martin, Jr. I am the Chief Operating Officer for the Cook County Department of Public Health (CCDPH). CCDPH is one of seven affiliates of the Cook County Health and Hospitals System and this is our story of 2009.

The year 2009 began like every other year at the Cook County Department of Public Health. Our dedicated employees were providing clinical services, food inspections, disease prevention programs, and advocating for science-based public health laws and regulations. To get ahead of potential outbreaks, we were utilizing enhanced surveillance while conducting

inspections and investigations to contain the existing outbreaks. At the same time, we were encouraging residents to get their flu shot and to make Heart Healthy choices for Heart Health Month in February.



These are all rather typical activities for the start of a year in public health; they are expected and planned for as much as possible. CCDPH staff is well trained and

*To Protect and promote health and prevent illness, disability and premature death among all residents of suburban Cook County.*

Be Aware.

Get Prepared.

Take Action.

able to adapt and perform with the highest level of expertise and professionalism in any situation. However, to be fully prepared each year, we have to consider the things we can't predict. We do not know what, large-scale public health emergencies may occur; we don't know what types of outbreaks could develop, where they may happen or their severity. Experience tells us

that although there may be similarities in the work we do and situations we respond to, each one is uniquely different.

As public health professionals, we are constantly evolving, learning lessons from each situation and applying it to the next. We know how to work as a team, how to work with residents and partners and we know we always need to be prepared. There is definitely a level of unpredictability in the work we do which means we have to plan and work with our partners to conduct training exercises so we are better equipped to respond in the face of any emergency.



2009 Annual Report

The varying levels of unpredictability in the things we do keep us at the ready; nevertheless, 2009 truly put us to the test.

It was a Friday afternoon, at the end of April in the spring of 2009. The majority of staff was wrapping up the work week when bits and pieces of information about a new flu strain were coming together. It was the end of the “seasonal” flu season but this new virus was spreading around the world. Within days, cases of the 2009 H1N1 Pandemic Flu were reported in suburban Cook County. No one was able to predict



*Dr. Martin and CCDPH's Preparedness Unit receive the Director's Recognition Award at the 2009 Illinois Public Health Emergency Preparedness Summit from IDPH Director, Dr. Damon Arnold.*

how severe the illness would be or how long it would continue to spread. Health officials around the world anticipated it could continue through the fall and winter months and we needed to be ready.





As with all outbreaks, our goal was to contain the illness. We needed to prevent those who were sick from transmitting the virus to others. Of course, we were not alone; the entire public health community was working together to get ahead of this outbreak. Each agency's response was different and determined by the needs of their jurisdiction. Our agency, of just over 300 staff, had to prepare to vaccinate all designated at-risk populations and then the remaining residents in suburban Cook County.

Let's put this into perspective; there are more than 2 million residents in suburban Cook County and they live within 129 municipalities and 30 townships. Our jurisdiction is vast and the task was an incredibly challenging one; our team was trained and we were ready.

While trying to maintain day-to-day public health services, we were conducting a massive vaccination effort that in the end, vaccinated more than 125,000 residents.

Our vaccination efforts included schools, day care centers, appointment-based clinics, walk-in clinics, and clinics at malls and sporting events.

The major piece of our vaccination



*H1N1 vaccination public awareness flyers.*



**Chief Medical Officer Dr. Linda Rae Murray  
Administers H1N1 Vaccine**

campaign was conducted in our school-based vaccination campaign. CCDPH staff conducted vaccination clinics at more than 600 suburban Cook County schools. At the end of the four month vaccination campaign, we had conducted 10 to 20 school-based clinics each day and vaccinated more than 109,000 K-12 students.

**2009 Annual Report**



To realize such accomplishments took an immense amount of teamwork, dedication and coordination from staff. All of our employees, our partners and volunteers worked collectively. Together, we rose to the challenge to ensure our response to the pandemic in suburban Cook County was successful.



*CCDPH staff prepare for a school vaccination clinic.*

As in previous public health emergencies, we learned much from the 2009 H1N1 Pandemic. This was a dynamic situation where plans were shifting daily to meet the needs of an evolving emergency. Our response to the pandemic provided us with an opportunity to sharpen our skills and learn from the experience. Overall, today, we are an even stronger public health team serving suburban Cook County residents and we look forward to what 2010 brings.

Thank you. We make quite a team!



# 2009 Annual Report *Highlights*

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## ***Program Area and Statistics:***

## ***Cases:***

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### **Communicable Disease**

• Vaccine Preventable Disease	
○ Diphtheria	0
○ Haemophilus Influenzae Type B	2
○ Hepatitis B	
▪ Acute	33
▪ Chronic	373
○ Measles	0
○ Mumps	14
○ Pertussis (Whooping Cough)	98
○ Rubella	0
○ Tetanus	0
○ Varicella (Chicken Pox)	239
• Selected Diseases	
○ Cryptosporidiosis	16
○ E.Coli 0157:H7	33
○ Giardiasis	73

## 2009 Annual Report *Highlights continued...*

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### ***Program Area and Statistics:***

### ***Cases:***

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○ Haemophilus Influenzae(not B)	28
○ Hepatitis A	33
○ Hepatitis C	
▪ Acute	0
▪ Chronic	772
○ Histoplasmosis	3
○ Legionnaires's Disease	30
○ Listeria	26
○ Lyme Disease	23
○ Malaria	19
○ Meningococcal Infections	8
○ Meningitis, Listeria	10
○ West Nile Virus Neuroinvasive	0
○ Pneumococcal Invasive	23
○ Salmonellosis	285
○ Shigellosis	90
○ Streptococcal Invasive(Group A)	46

## 2009 Annual Report *Highlights continued...*

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### ***Program Area and Statistics:***

### ***Cases:***

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#### **Communicable Diseases Continued**

○ Typhoid Fever	3
○ Tuberculosis	
▪ Active	100
▪ Latent	N/A
• Sexually Transmitted Disease	
○ Syphilis	173
○ Gonorrhea	1,892
○ Chlamydia	6,755
○ HIV (preliminary data)	129
○ AIDS (preliminary data)	65
• Other	
○ Food-Borne Illness Complaints Received	22
○ Pediatric Influenza Deaths	2

## 2009 Annual Report *Highlights continued...*

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### **Program Area and Statistics:**

### **Cases:**

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#### **Integrated Health Support Services**

• Case Management (Monthly Average):	
◦ APORS/High Risk Infant Follow-up	25,766
◦ Targeted Intensive Prenatal (Discontinued 7-31-09)	69
◦ Delay of Subsequent Pregnancy	23
◦ Healthy Families (Discontinued 7-31-09)	26
◦ Breast and Cervical Cancer Prevention	133
◦ Women, Infants and Children (WIC)	23,407
• Services (Total Yearly)	
◦ Daycare Consultations	181
◦ Vision and Hearing Screenings	11,809
• Client Clinic Visits (Yearly)	
◦ Dental Health	5,529
◦ Family Planning	7,990
◦ Immunizations	2,373
◦ Prenatal Intake	2,501
◦ Sexually Transmitted Infections (STIs)	6,677

## 2009 Annual Report *Highlights continued...*

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### **Program Area and Statistics:**

### **Total:**

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#### **Environmental Health Services**

- Private and Non-Community Water Supplies:
  - Water Samples Collected
    - Non-Community 473
    - Private 5
  - Abandoned Wells:
    - Sealing Requests Received 108
    - Wells Sealed 111
  - New Wells:
    - Inspections Performed 59
    - Permits Issued 34
  - Existing Non-Community Wells:
    - Surveys Performed 70
    - Water Analysis Opinions Rendered 770
- Private Sewage Disposal Systems:
  - Installation Inspections Performed 27
  - Lot Surveys Performed 16



## 2009 Annual Report *Highlights continued...*

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### ***Program Area and Statistics:***

### ***Total:***

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○ Plans Processed	22
○ Witnessed Percolation Tests Performed	7
• Septic Tank Cleaners:	
○ Permits Issued	66
○ Truck Inspections Performed	34
• Well/ Septic System Mortgage Evaluations:	
▪ Evaluations Processed	4
▪ Inspections Performed	4
▪ Water Samples Collected	0
• Food Service Establishments/ Retail Food Stores:	
○ Intergovernmental Agreements:	
▪ Inspections Performed	4,331
▪ Plans Reviewed	84
○ Unincorporated Areas:	
▪ Inspections Performed	474
▪ Licenses Issued	189
▪ Plans Reviewed	8

## 2009 Annual Report *Highlights continued...*

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### ***Program Area and Statistics:***

### ***Total:***

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#### **Environmental Health Services Continued**

○ Food Complaints Received	267
• Lead Abatement:	
○ Initial Inspections Performed	138
○ Compliance Letters Initiated	81
○ Follow-Up Inspections Performed	47
○ Clearance Inspections Performed	89
○ Enforcement Actions	5
• Mobile Home Parks:	
○ Inspections Performed	27
○ Licenses Issued	19
○ Complaints Received	30
• Tobacco Control:	
○ Licenses Issued	56
○ Licenses Suspended	0
○ Fines Issued	2
○ Compliance Inspections Performed	65

## **2009 Annual Report** *Highlights continued...*

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### ***Program Area and Statistics:***

### ***Total:***

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○ Notices of Violation Issued	2
• Smoke-Free Illinois:	
○ Violation Letters Initiated	163
○ Complaints Received	373
○ Inspections Performed	58
○ Fines Issued	11
• Indoor Air Quality:	
○ Inspections Performed	31
○ Violation Letters Initiated	26
• Nuisances:	
○ Sewage Complaints Received	34
○ Sewage Complaints Inspections Performed	73
○ Non-Sewage Complaints Received	117
○ Non-Sewage Complaints Inspections Performed	291
○ Enforcement Actions	7
• Swimming Pools and Spas:	
○ Public Pool Inspections Performed	1,369

## **2009 Annual Report** *Highlights continued...*

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### ***Program Area and Statistics:***

### ***Total:***

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#### **Environmental Health Services Continued**

○ Private Pool/ Spa Plans Approved	18
• Tanning Facilities:	
○ Inspections Performed	181
• Vector Control:	
○ Inspections Performed	317
○ Mosquito Trap Checks	1,043
○ Mosquito VEC/ RAMP Tests Performed	976
○ Dead Birds Processed for Testing	44
○ Specimen Results Reported and Posted	976
• Client Consultations:	
○ Client Consultation Performed	6,338

### ***Program Area and Statistics:***

***Total:***

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#### **Violence Prevention**

- |  |     |
|--|-----|
| • Trained Youth Violence Prevention/Elder Abuse Trainers | 200 |
| • Domestic Violence Competency Physician Training        | 50  |
| • Violence Prevention Community Forums/Attendees         | 90  |

#### **Chronic Disease Prevention and Health Promotion**

- |  |        |
|--|--------|
| • Natinoal Heart Health Month:   |        |
| ○ Municipalities Declared February Heart Health Month                      | 11     |
| ○ Organizations Pledged to Wear Red/Create Wellness Policies               | 50     |
| • Tobacco Prevention and Control:  |        |
| ○ Education Provided to 4 <sup>th</sup> and 5 <sup>th</sup> Grade Students | 800    |
| • Tobacco Violation Warning Letters Sent                                   | 332    |
| • Healthy Homes*:  |        |
| ○ Provided Community Outreach and Education                                | 8,331  |
| ○ Developed Brochures and Outreach Materials                               | 10,000 |
| ○ Intensive Remediation Conducted in Homes                                 | 40     |

*\*90% of parents who participated in the Healthy Homes project reported improvements in their children's asthma symptoms*

## 2009 Annual Report *Highlights continued...*

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### ***Program Area and Activities:***

### ***Total:***

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#### **H1N1 Response**

• Cook County Medical Reserve Corp Recruits	441
• Vaccination Campaign:	
○ Schools outreached to	1173
○ Schools participated in vaccination effort	617
○ Daycares outreached to	445
• Total vaccinated:	
○ School based vaccination campaign	109,601
○ Daycares	2,151
○ Malls/ Communities	2,011
○ First Responders	208
○ Appointment Clinics	8,178
○ ACHN-CCDPH Collaborative Clinics	4,196
○ Prenatal	118



## 2009 Annual Report *Highlights continued...*

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### ***Program Area and Statistics:***

***Total:***

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#### **Community Preparedness and Coordination**

• Local Technical Assistance Review Score	94%
• Incident Command Training for CCDPH Staff	75%
• Lyons Township Strategic National Stockpile Exercise Participants	160
• Crisis and Risk Communications Participants	100

#### **All our Kids Network - Cicero**

• Developmental Screenings, 0-2 year old children screened	120
○ Elementary Schools Participating	10
○ Children Referred to Additional Evaluation	35
○ Children Received Individual Service Plans	22
• 9 Parent Cafes to Strengthening Parenting Skills for caregivers	100
• Week of the Young Child Participants	3,065
• Celebration of the Young Child Participants	535

# Cook County Health and Hospitals System

**William T. Foley**

Chief Executive Officer

**Warren L. Batts**

Chairman

**Jorge Ramirez**

Vice-Chairman

**Facilities:**

Provident Hospital

500 E. 51st Street

Chicago, IL 60608

312-572-2000

Cermak Health Services

2800 S. California Avenue

Chicago, IL 60608

773-890-9300

John H. Stroger, Jr. Hospital

1901 W. Harrison Street

Chicago, IL 60612

312-864-6000

**Board Members:**

Dr. David A. Ansell

Commissioner Jerry Butler

David N. Carvalho

Quin R. Golden

Dr. Benn Greenspan

Sr. Sheila Lyne

Dr. Luis R. Muñoz

Heather E. O'Donnell

Andrea L. Zopp

Oak Forest Hospital

15900 S. Cicero Avenue

Oak Forest, IL 60452

708-687-7200

Ambulatory and Community Health Network

627 S. Wood Street

Chicago, IL 60612

312-864-0719

Ruth M. Rothstein CORE Center

2020 W. Harrison Street

Chicago, IL 60612

312-572-4500

# 2009 Cook County Board of Commissioners

**Todd H. Stroger**  
President

William M. Beavers  
Jerry Butler  
Forrest Claypool  
Earlean Collins  
John P. Daley  
Bridget Gainer  
Elizabeth Ann Doody Gorman  
Gregg Goslin

Roberto Maldonado  
Joseph Mario Moreno  
Joan Patricia Murphy  
Anthony J. Peraica  
Timothy O. Schneider  
Peter N. Silvestri  
Deborah Sims  
Robert B. Steele  
Larry Suffredin



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