

ANNUAL REPORT

2014

for
**Champaign-Urbana
Public Health District**

201 W. Kenyon Road - Champaign, IL 61820



Public Health
Prevent. Promote. Protect.

Champaign-Urbana Public Health District

www.c-uphd.org

Introduction	2
Letter from the Administrator	3
CUPHD Board of Health	5
<u>Administration</u>	
ACME (Activity, Communication, Morale & Education)	9
Champaign County Medical Reserve Corp	9
Communicable Disease Corner	10
Emergency Preparedness Program	12
Finance	14
Human Resources	16
Information Technology	19
PHIRE (Public Health Institute for Research & Excellence)	19
Public Relations	20
<u>Programs</u>	
Environmental Health	22
Infectious Disease	28
Maternal & Child Health	34
Wellness & Health Promotion	39
<u>Quality Improvement</u>	51
CUPHD Information Guide	55



Public Health
Prevent. Promote. Protect.

Champaign-Urbana Public Health District

Champaign-Urbana Public Health District Annual Report—2014

The Champaign-Urbana Public Health District (CUPHD) has worked since 1937 to prevent disease and promote public health.

In 1996, the Champaign County Public Health Department was formed by a referendum of county voters bringing many of the same public health services to Champaign County residents living outside Champaign-Urbana.

Together these agencies provide a host of vital services to all Champaign-Urbana residents, as well as selected services to Champaign County residents at large. Public Health services include, but are not limited to, environmental health inspections and permits; disease tracking, reporting, and investigation; HIV counseling and testing, prevention, and management; sexually transmitted disease testing and treatment; family planning services; education and health promotion; preventive services and case management for women; immunizations; and an array of other services to pregnant women, children, teenagers, and adults of all ages.

This is a progressive report of public health services provided by the Champaign-Urbana Public Health District in 2014.



Mission Statement

The mission of the Champaign-Urbana Public Health District is to improve and sustain the health, safety, and well-being of the community through preventive services, collaboration, education, policy, and enforcement.

Vision Statement

The Champaign-Urbana Public Health District is a progressive and respected advocate for the health, safety, and well-being of our community.

Values Statement

At the Champaign-Urbana Public Health District, we believe that all people have an equal right to health, safety, and well-being. We will strive to model respect, compassion, and integrity while providing services that are both innovative and adaptive to the culturally diverse population we serve. We will protect and promote the health and well-being of the community and position ourselves to respond to current and future public health challenges by building collaborative partnerships, continually measuring and improving effectiveness, maintaining sustainability, and demonstrating transparency.

Our Goals

- To Prevent Disease, Injury, and Disability
- To Promote Healthy Lifestyles
- To Provide Early Diagnosis for Improved Health Outcomes and Reduced Health Care Costs

Letter from the Administrator



Julie A. Pryde, MSW, LSW, CPHA

On June 18, 2014, the Champaign-Urbana Public Health District (CUPHD) moved into the future by becoming a nationally accredited health department. The national accreditation program works to improve and protect the health of the public by advancing the quality and performance of the nation's Tribal, state, local and territorial public health departments. CUPHD is one of the first in IL and among the first health departments across the country that sought accreditation through Public Health Accreditation Board (PHAB), the independent organization that administers the national public health accreditation program.

We are pleased and excited to be one of the first health departments in the nation to achieve national standards that foster effectiveness and promote continuous quality improvement. The accreditation process helps to ensure that the programs and services we provide are as responsive as possible to the needs of our community. The national

accreditation program, jointly supported by the Centers for Disease Control and Prevention and the Robert Wood Johnson Foundation, sets standards against which the nation's more than 3,000 governmental public health departments can continuously improve the quality of their services and performance. To receive accreditation, a health department must undergo a rigorous, multi-faceted, peer-reviewed assessment process to ensure it meets or exceeds a set of quality standards and measures. By continuing to improve our services and performance, we can be sure we are meeting the public health needs of those we serve as effectively as possible.

2014 saw the release of the Community Health Improvement Plan for Champaign County 2014-2016. This document is the combined efforts of a planning process lead by CUPHD, Carle Foundation Hospital, Presence Covenant Medical Center, United Way of Champaign County and the Champaign County Regional Planning Commission. The plan focuses community efforts on four areas: Obesity Prevention, Access to Care, Behavioral Health and Violence Prevention. Please take some time to look over the plan and see what you can do to get involved! <http://www.cuphd.org/documents/admin/IPLAN.pdf>

This year was also notable because of an Ebola Virus Disease epidemic in Western Africa, and a few imported cases to the United States shined the light on the invisible world of public health activities such as surveillance, isolation and quarantine.

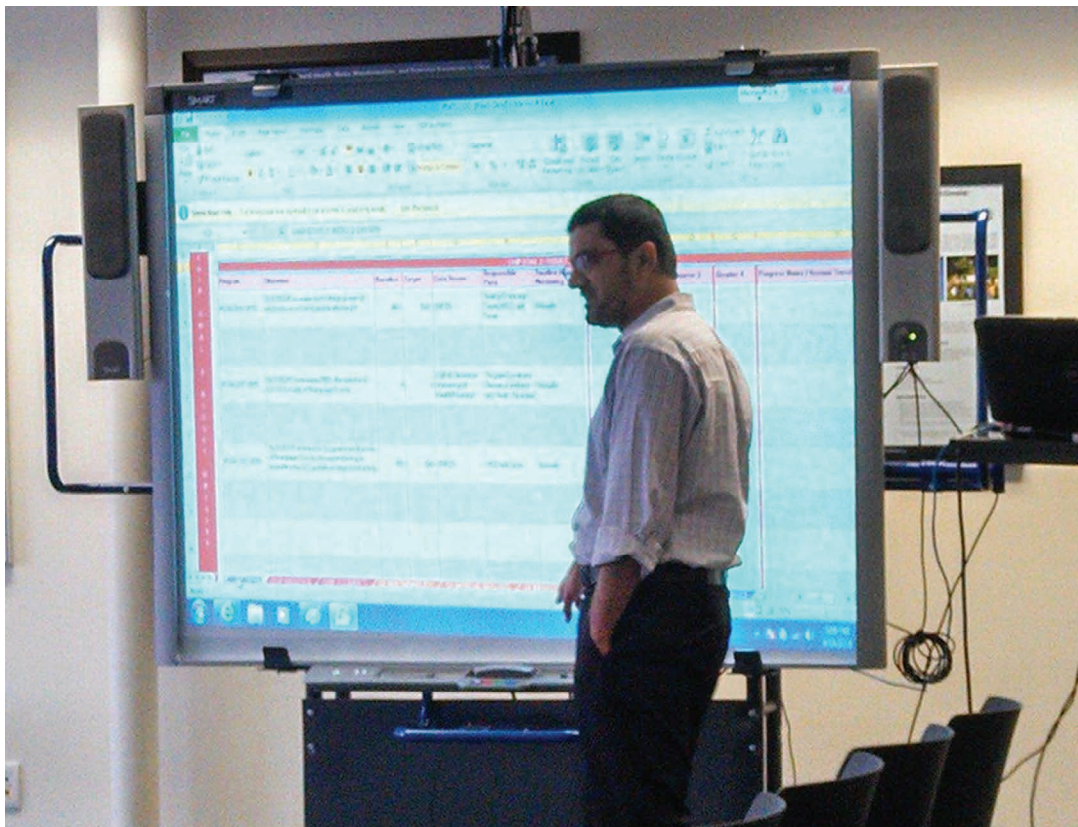
Cont'd

LETTER FROM THE ADMINISTRATOR

While Champaign County did not experience any imported cases of Ebola, our strong community health system was prepared. Years of planning, exercising and meeting together regarding emergency preparedness puts Champaign County in a great position to address any emergency whether it is caused by extreme weather, accidents, disease, or terrorism.

Additionally, in the era of expanded Medicaid, the Affordable Care Act, and

managed care for all, CUPHD is positioning itself as an expert policy advocate for equal access for all, network and care coordination, and prevention screenings and services. CUPHD is using our expertise in population health and knowledge of social determinants of health that create and perpetuate health disparities to ensure that our community's most vulnerable can enjoy the health, wellness and safety that all deserve.



PHAB Accreditation Meeting

Champaign-Urbana Public Health District Board of Health

The Champaign-Urbana Public Health District (CUPHD) is governed by a three-person voting board made up of elected Champaign-Urbana officials. Advisors to the board include an appointed medical advisor, attorney, and treasurer. This governing board is directly responsible for overall operations, financial stability, and the community standing of the Champaign-Urbana Public Health District.



Andy Quarnstrom, Chairperson

I grew up in Aurora, IL and after graduating high school decided I wanted a career in public safety. I entered Emergency Medical Technician school and after completion started working for an ambulance company in Morris, Illinois. Realizing I enjoyed the medical field as well as the challenges, I attended Paramedic school at Delnor Community Hospital in Geneva. After completing the course as well as clinicals, I was hired as a paramedic for the Morris Fire Protection District in Morris, Illinois. I worked two years as a paramedic and was hired by Champaign Fire Department in July of 1997. At CFD, I have progressed through the ranks and am currently a Lieutenant. I have been active on numerous committees at the fire department as well as with Champaign Firefighters Local 1260, the labor organization that represents Champaign

Firefighters. I graduated from Parkland College with an A.A.S. degree specializing in Paramedicine. In 2013, I ran and was elected as the City of Champaign Township Supervisor. Since taking office we have expanded our available programs as well as increased the services provided to our citizens.

I am active in many community organizations including mentoring, coaching, as well as the United Way of Champaign County Board of Directors, and St. Matthew's Catholic Church. My wife, Erin, a speech pathologist on the Champaign Unit 4 autism team, and I were married in 2003. We have two children, Patrick and Ruari, who both attend St. Matthew's in Champaign. We enjoy children's activities, traveling, as well as working on projects around the house.



Michelle Mayol, Secretary

I grew up in Mahomet, IL and graduated from Mahomet-Seymour High School in 1987. I moved to Urbana in 1994. I worked as a mortgage loan officer before accepting a job at the Cunningham Township Supervisor's Office in March 1997, where I have been employed ever since. I started out as the secretary and soon became the Assistant to the Supervisor and Director of Accounting and GA (general assistance) Medical. I ran uncontested in the April 2013 election for Township Supervisor. My term started May 20, 2013.

Cont'd

I have two children, Cameron and Zoe, a 4-year-old Dachshund, Buddy, and a 7-year-old Dachshund, Tex. Cameron is a Senior at UHS and Zoe is an 8th grader at UMS. I have been a volunteer basketball coach for three years and a volunteer fast-pitch softball coach for one year. My kids are very active in sports, so when I am not at work, you can find me at a basketball game, a football game, a baseball game, a volleyball game or a softball game.

I love to play softball, attend my kids' sporting events, and have backyard BBQs with family and friends. I am an Illini fan, a Bears fan, and I also like to cheer on the Cubs, especially when they are playing the Cardinals.



Alan Kurtz
Served 2012-2014

Alan Kurtz has a record of leadership in our community and on the Champaign County Board.

The owner of Blimpie Sub & Salads for 11 years in the heart of campustown, Al is a longtime supporter of Illini athletics and was a leader in the effort to end Green Street flooding. He's a past President of the Champaign County Humane Society.

As a Champaign County Board Chair and Board member of six years, Alan Kurtz worked to ensure county operations ran efficiently, to get maximum value for our tax dollars. He successfully

forged the bipartisan supermajority that enacted the County's Wind Farm Ordinance, which promises to create thousands of jobs and add tens of millions in revenue for our county. As former Chair of the County's Environment and Land Use Committee, Al worked to develop and adopt a comprehensive Land Resource Management plan that will protect our prime farmland for future generations. He served as Chair for the Champaign County Board Democratic Caucus in addition to serving as Champaign County Board Chair. Mr. Kurtz also served as Chairman of the Workforce Investment Act (WIA) Policy Board, a four-county agency that prepares unemployed workers for new jobs.

Married to Linda Kurtz for over 50 years, Al has two sons and three wonderful grandchildren.



Patti Petrie, PhD, FAICP

Ms. Patti Petrie is very involved in urban planning and throughout the Champaign County community. Ms. Petrie has been involved in the following:

- Member of the Champaign Phinney Branch Flood Task Force
- Presently on the John St. water shed neighborhood steering committee working toward "green solutions" to mitigate storm water flooding
- Facilitator for the Champaign County BigSmallAll 18-month visioning process

Cont'd

- Facilitator for 11 charrettes—a form of community planning that works toward the benefit of all community members
- One of five founders of the Preservation and Conservation Association (PACA) and was the author of the by-laws
- Member of the Champaign Zoning Ordinance Rewrite Task Force
- Member of the Champaign Center City Committee—developed a master plan for redevelopment along the Boneyard
- Member of the City of Champaign Environmental Advisory Commission, chair of Shade Tree sub commission
- Member of UIUC Environment Advisory Committee
- Champaign County Nursing Home—worked toward stabilizing the finances and keeping the home within the county
- Educator through her television program, Community Planning Conversations, on channel 6
- Creator of educational programs for “citizen planners”
- Democratic committee person
- President Little League
- Champaign County Farm Bureau, Land Use Committee and Legislative Committee
- Champaign County Health Care Consumers evolved from a UIUC Public Participation class

**Advisors to the
CUPHD Board of Health include:**

- ♦ Arnold Blair, Treasurer
- ♦ Fred Grosser, Attorney
- ♦ Dr. David Morse, Medical Advisor
(Retired October 2014)



Administration

ACME—Activity, Communication, Morale, & Education

The mission of the ACME committee is to improve employee morale through activities, enhanced communication, and educational opportunities for staff.

Activities that ACME hosted or was involved with during 2014 included:

- CUPHD shirt sales
- Spring fever luncheon
- Halloween costume contest
- Holiday shop
- Holiday luncheon



Champaign County Medical Reserve Corps (MRC)

Medical Reserve Corps units are community-based and function as a way to locally organize and utilize volunteers who want to donate their time and expertise to promote healthy living throughout the year, and to prepare for and respond to emergencies. MRC volunteers supplement existing local emergency and public health resources.



MRC volunteers include medical and public health professionals such as physicians, nurses, pharmacists, dentists, veterinarians, and epidemiologists. Other community members, such as interpreters, chaplains, office workers, and legal advisors, can fill other vital support positions.

The Champaign County Medical Reserve Corps is housed under CUPHD and has been in place since 2006. In 2014, the Champaign County MRC continued to provide service opportunities and community outreach education. Multiple training opportunities were offered to MRC throughout the year.

Cont'd

2014 Activities:

- Illinois Marathon rehabilitation for runners
- Joint partnership with UIUC Veterinary Medicine for rabies clinic
- Crazy K race / fundraiser

Communicable Disease Corner

Section 690.100 of the Illinois Administrative Code defines a list of 63 diseases that are declared to be contagious, infectious, or communicable and may be dangerous to the public health. Each suspected or diagnosed case needs to be reported to the local health authority, who shall subsequently report each case to the Illinois Department of Public Health.

Each year the Champaign-Urbana Public Health District staff investigates over 100 reportable communicable diseases. Reports come from hospitals, clinics, laboratories, veterinary school, physician offices, and from the general community. Follow up is done within the reporting timeline as defined in the Administrative Code.

In addition to the routine follow-up, there are outbreaks of communicable diseases that need to be investigated and resolved in a timely manner. To deal with outbreaks, the Health District adopts a team approach based on the National Incident Management System (NIMS) model.

Some of the Highlights of 2014 are as follows:

- Champaign County had seven outbreaks this year

- 2 foodborne outbreaks
- 1 Norovirus outbreak
- 2 Influenza outbreaks
- 1 Mumps outbreak
- 1 Scabies outbreak

- It was another successful year for implementing the Principles of Infection Control and Communicable Disease training in Champaign County—trained 10 agencies for a total of 288 staff members trained in Champaign County
- Community presentation: Bedbug presentation at Developmental Services Center, Influenza presentation at Garden Hills Neighborhood Association
- Professional Development: Rachella Thompson-Brown attended the Epidemiology and Prevention of Vaccine Preventable Disease training in October
- Outreach City of Champaign Star Expo
- Champaign County had 11 cases of Influenza ICU hospitalizations in December—according to the Illinois Department of Public Health, the predominant strain circulating for 2014-15 influenza season is drifted Influenza A (H3N2) which has resulted in decreased vaccine effectiveness
- Two persons that traveled to Ebola stricken countries were actively monitored for 21 days in Champaign County
- Champaign County resident dies from a confirmed case of Tularemia *Francisella Tularensis*
- Champaign County investigated two confirmed cases of Enterovirus: D68
- University of Illinois student dies from confirmed case of Meningococcal (*Neisseria Meningitidis*) Invasive Disease - Group W 135

Cont'd

Reportable Communicable Disease

CUPHD tracks and investigates disease outbreaks, conducts health assessments, produces community health plans, and supports all other activities and services of public health.

Champaign Co.		Champaign Co.	
Class 1(a) Reported Immediately		Class 2 Reported Within 7 Days	
None		Cryptosporidiosis	14
		Hep B	7
		Hep C	21
Class 1(b) Reported Within 24 Hours		Legionnaires Disease	2
Chickenpox	6	Listeriosis	1
Enteric E. Coli	9	Malaria	1
Haemophilus Influenza	5	Salmonella	23
Hantavirus Pulmonary Syndrome	1	Shigellosis	2
Histoplasmosis	7	Pneumonia, Invasive for <5 years	0
Mumps	17	Tick-borne Disease	6
Pertussis	4	(Including Ehrlichiosis, Anaplasmosis, Lyme Disease, Rocky Mountain Spotted Fever)	
Rabies, Potential		Toxic Shock Syndrome due to S. Aureus	1
Human Exposure	4	Vibriosis (Non-Cholera)	2
MRSA	1		
Streptococcal Infections, Group A	7		

Leading Causes of Death

Top 11 Leading Causes of Death in Champaign County in 2014:

	% of All Deaths	Total Deaths
Immediate Cause		
Respiratory Failure	7.7	92
Other Circulatory	8.2	98
Cardio Pulmonary Arrest	3.5	41
Shock / Septicemia	4.5	53
Congestive Heart Failure	4.2	50
Myocardial Infarction	6.0	71
Cancer Respiratory	4.5	54
Pneumonia	3.2	38
Cancer—other sites	2.7	32
COPD	2.6	31
Coronary Artery Disease	2.6	31

VITAL STATISTICS

Champaign County Total:

Births: 2,375

Deaths: 1,166

Fetal Deaths: 22



Emergency Preparedness Program

CUPHD is the lead agency in Champaign County for public health related emergencies. It also supports other agencies during emergencies not related strictly to public health. Examples of public health emergencies include terrorist threats, infectious disease outbreaks, natural disasters, and biological, chemical, nuclear, and radiological emergencies. The goal of the Emergency Preparedness Program is to prepare Champaign County for an active public health response in the event of a large-scale emergency.



The Emergency Preparedness Program is funded by the Illinois Department of Public Health, who receives federal funding and guidance from the Centers for Disease Control and Prevention (CDC). To help health departments in strategic planning, CDC identified 15 public health preparedness capabilities. CUPHD uses these Public Health Preparedness Capabilities to better response efforts and to identify needs for capabilities and resources improvement. This year, CUPHD focused developing

community response and non-pharmaceutical intervention capabilities and inventory management.

Currently, the Emergency Preparedness Program is administered by Emergency Preparedness Planner, Jane Li.

The program:

- Administers workforce training in emergency response
- Implements National Incident Management System (NIMS) Compliance
- Conducts outreach and collaboration with external partners such as public safety, private sector, non-governmental organization, and community organization for county-wide emergency response and preparedness
- Maintains and modernizes various emergency plans (e.g. All-hazards emergency operations plans, medical countermeasures dispensing, non-pharmaceutical interventions, pandemic influenza plans, and Continuity of Operations plans)
- Conducts drills and exercises that test emergency plans and capabilities
- Implements corrective actions learned from exercises
- Educates the community in preparedness to build community resiliency
- Coordinates and operates sites that will serve as emergency points of distribution (PODs) where medicine or vaccine will be dispensed in an emergency
- Recruits and trains volunteers to help in a health emergency

Cont'd

Notable Activities of 2014:

- The CDC conducted a site visit of CUPHD to evaluate how we conduct the program
- CUPHD modified its emergency operations plans
- Manages staff trainings and the multi-year training plans electronically
- Contacted community partners to become closed point of dispensing sites
- Created an Ebola response annex in EOP and continual outreach with county partners
- Further clarified the roles the environmental health division plays in various large-scale emergencies, including Ebola
- Conducted multiple community outreach events on preparedness in disasters to build community resiliency
- Continued participation and serving as a board member of the Region 6 healthcare coalition



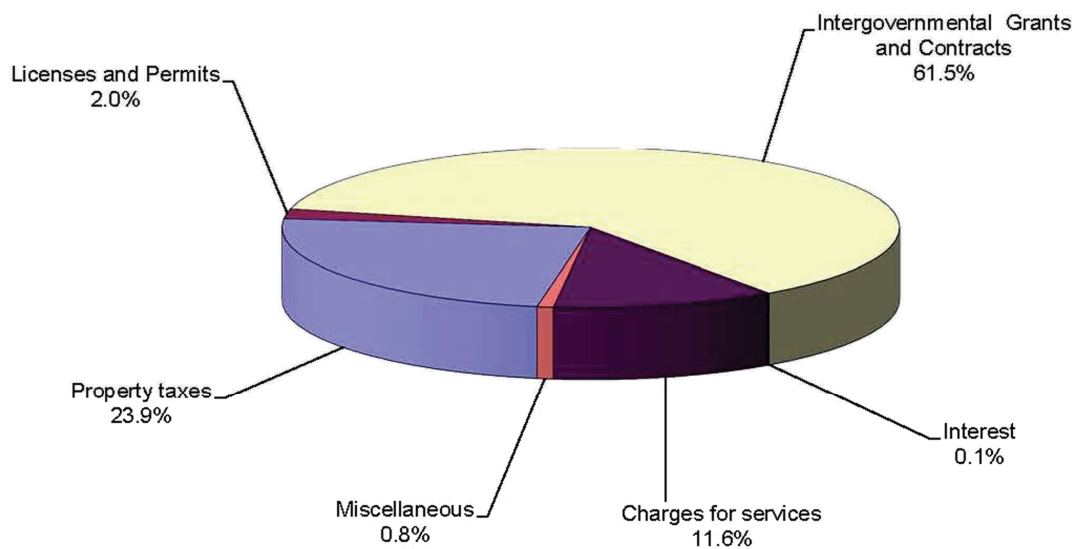
Finance

The Finance Division is responsible for recording all sources of revenues and expenditures for CUPHD by activity and ensuring that all financial activity is accounted for properly and is in compliance with federal and state regulations.

The responsibilities of the Finance Division include, but are not limited to, the following functions:

- Expenditures
- Payroll & employee reimbursements
- Medicare, Medicaid, and third party billings
- Cash receipts, including credit card payments and third party
- Grant billings, reporting and monitoring
- Monthly reconciliations of bank statements, subsidiary ledgers
- Monthly financials and board reports
- Annual audit reports
- Annual tax levy and public notice announcements
- Annual budget and public notice announcements
- Annual financial audit
- Financial policies
- Financial forecasting
- Education and recommendations to CUPHD Leadership Team on all financial issues

**Champaign-Urbana Public Health District
Total Revenues for the Year Ended June 30, 2014**



Cont'd

**Champaign-Urbana Public Health District
Statement of Revenues, Expenditures, and
Changes in Fund Balances - Governmental Funds
For the Year Ended June 30, 2014**

	General Fund	IMRF	Other Governmental Funds	Total Governmental Funds
Revenues				
Property Taxes	\$ 2,568,050	\$ 293,305	\$ 96,835	\$ 2,958,190
Licenses and Permits	249,378	-	-	249,378
Intergovernmental	7,311,186	244,287	60,660	7,616,133
Interest	6,235	-	-	6,235
Charges for Services	1,440,732	-	-	1,440,732
Miscellaneous	13,720	-	91,280	105,000
Total Revenues	11,589,301	537,592	248,775	12,375,668
Administration	979,095	84,214	7,669	1,070,978
Champaign County Public Health Department - Contract	610,769	42,872	19,634	673,275
Environmental Health	659,208	41,014	28,170	728,392
Infectious Disease Prevention and Management	2,281,088	104,291	57,645	2,443,024
Maternal and Child Health	3,876,071	136,166	54,520	4,066,757
Public Health Institute for Research and Excellence	1,028	50	15	1,093
Vital Statistics	119,293	4,306	-	123,599
Wellness and Health Promotion	2,516,319	129,713	65,105	2,711,137
Debt Service:				
Principal	173,898	-	-	173,898
Interest	99,881	-	-	99,881
Capital Outlay	143,712	-	723,775	867,487
Total Expenditures	11,460,362	542,626	956,533	12,959,521
Excess (Deficiency) of Revenues Over Expenditures	128,939	(5,034)	(707,758)	(583,853)
Other Financing Sources (Uses)				
Transfers In	-	-	-	-
Transfers Out	-	-	-	-
Total Other Financing Sources (Uses)	-	-	-	-
Net Change in Fund Balance	128,939	(5,034)	(707,758)	(583,853)
Fund Balances, Beginning of Year	3,959,416	4,361	842,667	4,806,444
Fund Balances, End of Year	\$ 4,088,355	\$ (673)	\$ 134,909	\$ 4,222,591

Human Resources

The Human Resource Department at CUPHD provides support services to ensure employees have the tools to meet the District's overall objectives and that recruitment efforts maintain a strong workforce.

Human Resources is responsible for: recruitment; career guidance and advancement; formulation and enforcement of employee policies and procedures for best practices; health and safety compliance; training and development; benefits administration; position classification and grading; performance evaluation and management; compliance with employment laws; IMRF pension administration; and administration of equal employment opportunity policies.

Take Our Daughters & Sons to Work Day®

The 2014 annual Take our Daughters and Sons to Work Day® was held on Thursday, April 24, 2014. The event for 2014 was 100 percent designed and coordinated by college interns. Activities included a dental health presentation, healthy meal preparation, many wellness activities, and a food art project for display in the CUPHD lobby.



HR Workforce Development & Related Activities:

- January 2014, HR staff attended Quality Improvement Training facilitated by Illinois Public Health Institute
- February 2014, CUPHD Wellness Committee was formed
- February 2014, "New Illinois Medical Marijuana Law" training sponsored by Heyl, Royster & Associates
- March 2014, Implemented Commitment to Culturally & Linguistically Appropriate Services policy
- March 2014, HR contracted with GroupOne Services to perform online comprehensive background checks on candidates for employment
- April 2014, Revised Non-Discrimination Policy to add veteran status
- May 2014, HR sponsored two high school students as part of the Champaign Public Schools Summer Youth Employment Program
- June 2014, Implemented new online recruitment process through Appli-Track
- August 2014, Attended Work@Health Training sponsored by the Centers for Disease Control and Prevention (CDC)

Cont'd

- September 2014, HR Director attended the annual International Public Management Association training conference in Philadelphia, Pennsylvania
- October 2014, CUPHD moved the group health insurance plan back to the Local Government Health Plan
- October 2014, HR Director participated in the annual MDA Jail Lock Up fundraiser
- November 2014, HR conducted Americans with Disabilities Annual Compliance Audit
- December 2014, CUPHD opened the PHIT Club (in-house employee fitness center)
- CUPHD purchased a comprehensive cyber insurance policy to protect the District from cyber fraud

2014 Staff Promotions:

- Shannon Wilson – Environmental Health Specialist In-Training to Environmental Health Specialist I
- Jennifer Deakin – Licensed Practical Nurse II to Licensed Practical Nurse III
- Ian Rolon – Environmental Health Specialist In-Training to Environmental Health Specialist I
- Jill Stewart – Account Technician I to Account Technician II

Additional information:

- College/University Student Internships: 56 interns participated in CUPHD programming throughout 2014
- Employee blood drives conducted by Community Blood Services were held on: June 19, 2014 and November 12, 2014
- Freedom of Information requests totaled 86 for 2014



2014 Take our Daughters and Sons to Work Day®

Cont'd

Health & Safety Training & Development

Monthly Staff Compliance Training:

• Blood Borne Pathogens	102
• Ethics Orientation	116
• Emergency Preparedness	104
• Ergonomics	107
• Hazard Communication	104
• HIPAA Privacy Rule	111
• HIPAA Security Rule	106
• Influenza Safety	114
• Office of the Inspector General Compliance	97
• Privacy Breach & Identity	101
• TB Infection Control	110
• Workplace Violence Protection	107

Safety Officer / Safety Committee Activities:

- AED Inspection (Automatic External Defibrillator)
- Annual Review Safety Plans
- Annual Fire Drill
- Annual Review Emergency Plans
- Annual Review Material Safety Data Sheets (MSDS)
- Annual TB Survey
- Annual Tornado Drill
- Bi-Monthly Agency Safety Inspections
- Bi-monthly Safety Committee Meetings
- Earthquake Drill
- IPRF Loss Control Consultant Safety Inspection

Trainings / OSHA:

• CLIA Lab Proficiencies	12
• CPR	52
• Emergency Response Training Drug Reaction	34
• Employee Immunization Screenings	20
• Employee Influenza Vaccinations	119
• Fire Extinguisher Training	91
• HIPAA Omnibus Rule	104
• Immunization Competencies	20
• Intern Immunization Screenings	59
• Lab Microscopy Competencies	3
• N-95 Medical Screenings	13
• Personal Provider Equipment (Ebola)	25
• Quality Improvement	78
• TB Screenings	8
• TB Skin Tests	125



Information Technology

Information Technology is directly responsible for all day-to-day electronic operations at CUPHD. In addition, Information Technology oversees the creation and updating of the CUPHD website, the CUPHD closed-circuit TV system, phone systems, and audio systems.

Information Technology staff members provide case-by-case solutions for electronic issues, computer trainings, and educational opportunities for CUPHD staff. Information Technology is the central resource for research and development of electronic upgrades and equipment.

PHIRE



Public Health Institute for Research and Excellence (PHIRE) is the research arm of the Champaign-Urbana Public Health District (CUPHD). The Institute was created in 2009 to promote best practices through quality education, training, technology, evidence-based research, and effective partnerships that bridges academia and the local community knowledge.

In 2014, PHIRE continues to add evidence-based research projects and publish/present findings of our research. The PHIRE website can be accessed at: www.phire.c-uphd.org

Some of the highlights of the year are as follows:

- Initiated: “Maintaining and strengthening the human-animal bond in pregnant women and new mothers,” Research project with Dr. Kim Akrom and Dr. Weng, Purdue University
- Presented at the Food Safety Symposium, Peoria, IL: “CUPHD Environmental Health Response: Gifford, IL,” Jim Roberts and Michael Schroeder
- Publication in Family Practice, December 2014: “Clinic staff attitudes towards the use of mHealth technology to conduct perinatal depression screenings: a qualitative study,” Maria Pinerros-Leano, Karen M. Tabb, Heather Sears, Brandon Meline, and Hsiang Huang
- Presented at the 2014 HIV/STD Conference, Springfield, IL: “Integrating HIV Prevention and Care Services: Improving Quality of Care,” Candi Crause and Awais Vaid
- Presented at the Food Safety Symposium, Peoria, IL: “Microbiological Profile of Fresh Produce Items bought in Farmer’s Markets and Supermarkets in Illinois,” Adam Kriska

In addition to these research projects, we conducted several client-based surveys to improve services. We also conducted numerous staff surveys to solicit input in strategic planning and quality improvement initiatives for the agency.

For more information or to collaborate with the Institute please contact: Awais Vaid: avaid@c-uphd.org or Julie Pryde: jpryde@c-uphd.org.

Public Relations

Public Relations is directly responsible for all press releases, media requests, requests for interviews, and social media.

CUPHD receives numerous requests over the course of a year to speak on many different topics. Some of the 2014 topics included: Ebola, Affordable Care Act, posting of restaurant inspection placards and on-line inspection reports, non-compliant TB patient, influenza, smoke-free parks, tularemia, on-site milk bank for nursing mothers and much more.

Ebola was in the forefront of a lot community members minds as well as the media in 2014. The Champaign County Public Information Officer group came together to discuss plans and logistics in an effort to be prepared for an Ebola case in the community. Local hospitals, police, fire, EMS, schools and higher education, and CUPHD partnered together to stay abreast of the current situation and shared information and coordinated plans. CUPHD is proud to be a part of such great community efforts.





Programs

Environmental Health

Environmental Health inspects food and drink establishments, reviews kitchen plans for new facilities, enforces environmental laws, issues permits for private water supplies and private sewage systems, and conducts surveillance and abatement for mosquitoes transmitting West Nile virus.

Food Protection

All restaurants, retail food stores, temporary food booths, taverns, convenience stores, and other types of food services must obtain a health permit to operate.

Environmental Health conducts unannounced inspections at all food service establishments, reviews plans for newly constructed or remodeled facilities, investigates complaints, and initiates legal proceedings for non-compliance. As part of an intergovernmental agreement, Environmental Health issues city food handler's licenses on behalf of the cities of Champaign and Urbana.

Starting January 1, 2014 all food establishments within the CUPHD's jurisdiction were required by ordinance to post an Inspection Notice placard in conspicuous public view (see CUPHD 2013 Annual Report for the description of the placard).

Food establishments in Champaign County, but outside of the CUPHD's jurisdiction, were not required to post an Inspection Notice placard. Despite the Champaign County Board of Health's approval to participate in the posting program, the Champaign County Board rejected an ordinance to require posting.

In September, in conjunction with National Food Safety Month, CUPHD announced that its website contained a feature that shows inspection reports for all food establishments in Champaign County (except for cottage food operations and the retail food establishments operated by the University of Illinois). The website is unique because it includes summaries of violations and a line graph to illustrate compliance



Cont'd

over time. Other features include being able to view inspection reports from 2008 to the present, and people can be notified by e-mail when their favorite establishment's most recent report is available. Information can also be searched by enforcement score or date range (see graph on page 25).

In October, a University of Illinois graduate student working with Environmental Health conducted a consumer awareness campaign to increase awareness of the Inspection Notice placards. Her message was to "Read the Sign Before You Dine."

Environmental Lead Investigations

Environmental Health investigates the source of lead exposure in children with lead poisoning. When necessary, an environmental lead assessment is done to determine the source(s) of hazardous lead exposure in the residential environment of children with elevated blood lead levels. Inspection reports and compliance letters are generated and, when necessary, legal prosecutions are initiated. Environmental Health also provides educational materials to renters, landlords, and homeowners.

Mosquito / West Nile Virus (WNV) Program

Environmental Health surveys mosquito pools and dead birds to detect and monitor the presence of West Nile virus in Champaign County. This information is collected and reviewed to assist in tracking West Nile virus activity for informing the public.

As part of an intergovernmental agreement with the cities of Champaign and Urbana and the Village of Savoy, Environmental Health provides a *Culex* mosquito program for these areas. A main component of this agreement is applying larvicide to catch basins to reduce mosquito populations.

Potable Water Program

Environmental Health issues permits for and inspects new well installations, conducts water sampling of new wells, and assures that abandoned wells are sealed. Environmental Health also tests and inspects non-community water supplies.

On December 1, 2014, Environmental Health began issuing permits to construct closed loop wells (used for geothermal heating and cooling) for commercial and residential properties.

Private Sewage Disposal Program

Environmental Health reviews construction plans and applications for all private sewage systems and issues permits upon approval. Inspections are performed on new systems, renovations or repair work, or as a result of complaints.

Effective February 10, 2014, all private on-site wastewater treatment systems that have a surface discharge point for treated effluent are required to obtain a National Pollutant Discharge Elimination System permit from the U.S. Environmental Protection Agency.

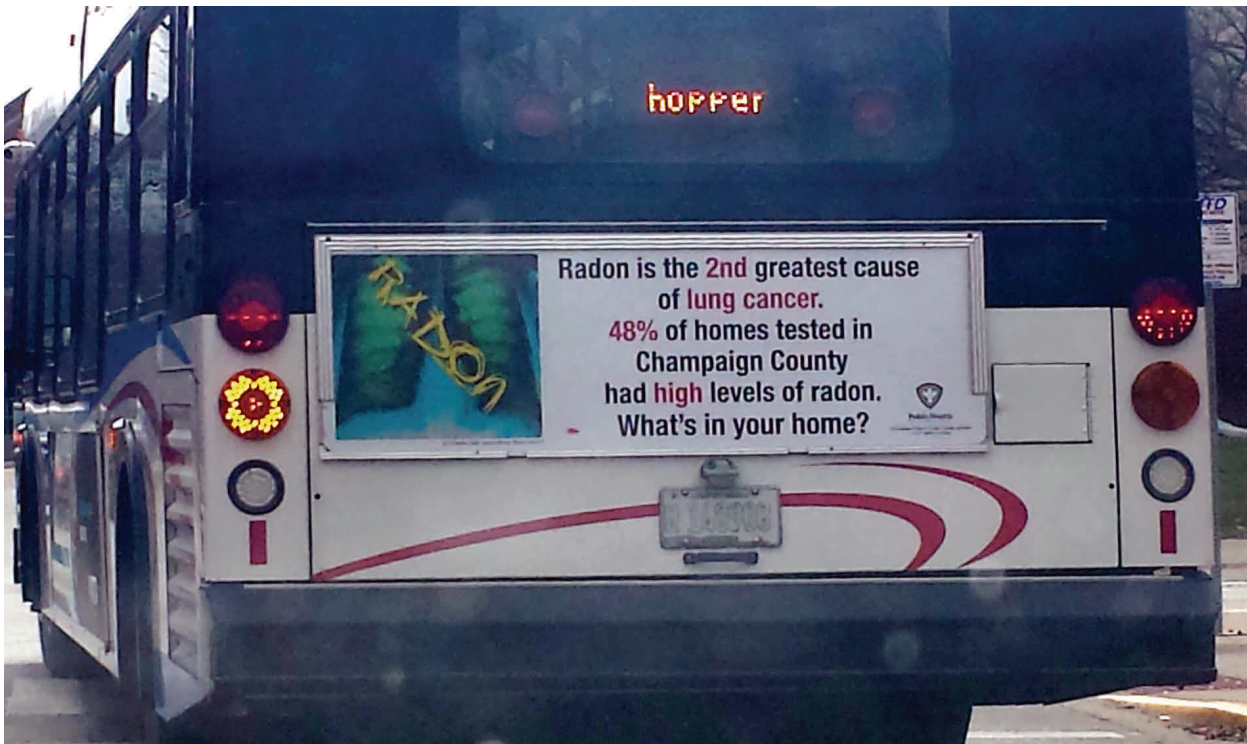
Cont'd

Radon Program

Radon is a naturally occurring, invisible, odorless gas that comes from deposits of uranium in soil, rock, and water. Environmental Health periodically offers short-term radon test kits to Champaign County residents.

Tanning Program

All tanning establishments in Champaign County must follow the guidelines of the Illinois Department of Public Health (IDPH). Environmental Health inspects public tanning facilities and responds to complaints.



Cont'd

Facility

Champaign Co. Nursing Home

500 Art Bartell RD
URBANA, IL 61801

Number of Routine Inspections: 14

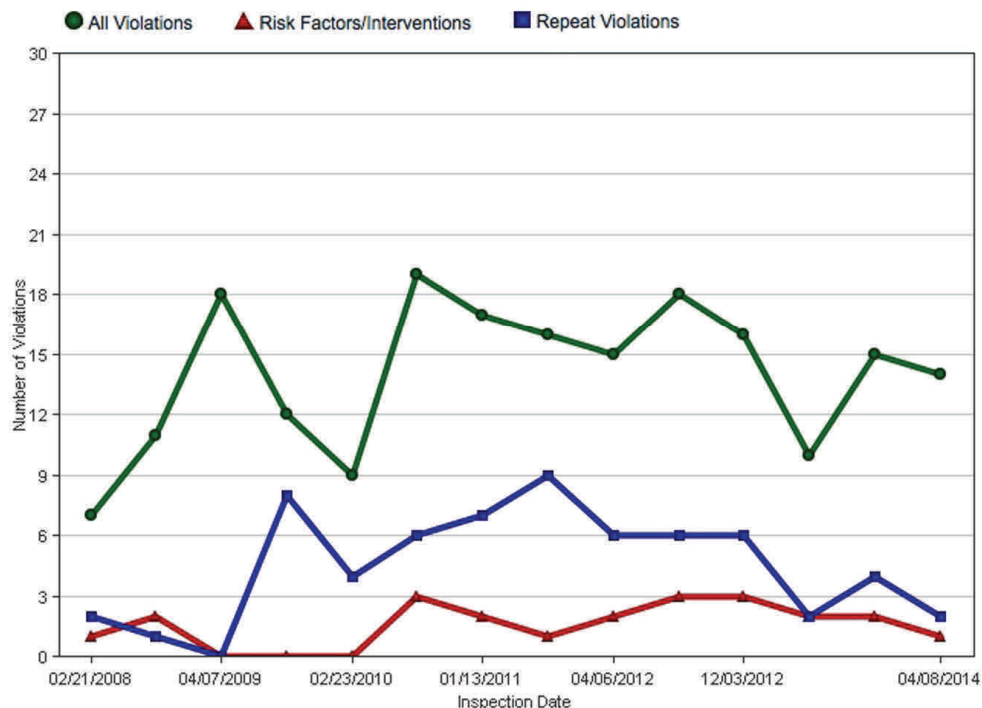
« Back

Top 5 Foodborne Illness Risk Factors/Public Health Intervention practices and procedures most often violated at this establishment:

Rank	Key Phrase	% Out-of-Compliance
# 1	Preventing Contamination by Hands	71
# 2	Good Hygienic Practices	36
# 3	Potentially Hazardous Food (Time/Temperature Control)	29
# 4	Chemical	14
# 5	Protection From Contamination	7

Top 5 most frequent violations at this establishment:

Rank	Violation Item #	Violation Phrase	# of Times Out-of-Compliance
# 1	37	Walls, ceiling, attached equipment: constructed, good repair, clean surfaces, dustless cleaning methods	23
# 2	36	Floors: constructed, drained, clean, good repair, covering, installation, dustless cleaning methods	21
# 3	22	Food contact surface of equipment and utensils clean, free of abrasives and detergents	16
# 4	32	Toilet rooms enclosed, self-closing doors, fixtures, good repair, clean: hand cleanser, sanitary towels/hand drying devices provided, proper waste receptacles, tissues	15
# 5	23	Non-food contact surfaces of equipment and utensils clean	14



Cont'd

Totals for 2014

	C-U	County
<u>Food Establishments</u>		
Routine Inspections Conducted	987	377
Re-inspections Conducted	18	3
Temporary Permits Issued	191	227
Plan Review/Site Visits/Construction Surveys	13,276	5,025
Education Presentations	852	354
Complaint Investigations	145	23
Consultations/Counseling (Field/Office)	17,907	7,144
<u>Environmental Lead Investigations</u>		
Inspections Conducted	1	2
Consultations/Counseling	0	0
<u>Mosquito/West Nile Virus Program</u>		
Mosquito Traps Placed/Collected	55	26
Positive Mosquito Batches	5	1
Dead Birds Submitted for Testing	5	3
Positive Birds	1	0
Complaints	10	9
Consultations/Counseling	57	60
<u>Potable Water Program</u>		
Water Well Permits Issued	0	45
New Wells Inspected	0	58
Water Wells Sealed	0	110
Sealed Water Wells Inspected	0	14
Closed Loop (Geothermal) Well Permits Issued	0	2
Consultations/Counseling	3	327
Monitoring Wells Sealed	5	57
<u>Private Sewage Disposal Program</u>		
Permits Issued	1	82
Inspections Conducted	2	101
Complaints Received	0	23
Complaint Inspections	0	49
Consultations/Counseling	0	637

Cont'd

Totals for 2014

	C-U	County
<u>Radon Program</u>		
Test Kits Distributed	55	13
Test Results Received <4 pCi/L	1	1
Test Results Received \geq 4 pCi/L	1	0
Consultations/Counseling	9	5
<u>Tanning Program</u>		
Inspections Conducted	18	6
Consultations/Counseling	0	0

Infectious Disease

The Division of Infectious Disease Prevention and Management is made up of nurses, counselors, substance abuse professionals, case managers, and an Advanced Practice Nurse. The goal is to provide all available services to the individual with whom CUPHD has contact. Risk reduction counseling and risk reduction supplies are provided in all services. Immediate, on-site referral to Care Connect services are provided to all persons who test positive for HIV infection. Partner counseling and referral services are offered to all persons who have an STD or HIV. HIV and Hepatitis support groups are offered monthly for persons infected or affected.

Check Out Healthy (Jail Project)

“Check Out Healthy” is a collaborative effort between the Champaign County Correctional Facility and the CUPHD Infectious Disease division. “Check Out Healthy” is a transitional case management program that offers pre-release support, free communicable disease screening, and discharge planning. The program is offered to all inmates who are HIV+, and those at an increased risk for becoming HIV+, who are housed at the Champaign County Correctional Center. All inmates are offered HIV and syphilis testing. Those 25 years old and younger or that report STD symptoms are offered urine testing for Gonorrhea and Chlamydia during a weekly on-site clinic.

CUPHD Mobile Program

CUPHD currently has two (2) mobile units that provide HIV/STD services to Champaign County clients in their neighborhoods during times that are most accessible to the residents. This program provides an innovative solution for those residents that desperately need CUPHD services, but are unable to access them due to transportation or scheduling challenges.



Neighborhoods that have received monthly visits from the CUPHD mobiles have included Catholic Worker House and Scottswood in Champaign. CUPHD mobiles are also available for events such as neighborhood and church health fairs and much more!

Teen WOW (Wellness on Wheels) is now in three (3) Champaign high schools and one (1) Rantoul high school.

Cont'd

Family Planning Clinic

CUPHD provides Family Planning services due to limited services for low-income women in the community.

Family Planning services allow individuals and families to make decisions that benefit the mother and babies. Spacing births by at least two (2) years is related to healthier birth outcomes. Planning for a pregnancy allows a woman to prepare for a healthy pregnancy by adopting a healthier lifestyle. Several public health initiatives can assist this planning. Women can prepare for pregnancy by discontinuing smoking, getting physically fit, maintaining a healthy weight, and taking folic acid to prevent birth defects.

Family Planning services at CUPHD will include a Pap Smear (cervical cancer detection), reproductive health examinations for female and male clients, breast

examinations, client education on reproductive health, and a variety of pregnancy prevention options. Pregnancy prevention options include: oral contraceptives, trans-dermal contraceptive patch, vaginal contraceptive ring, Depo-Provera, and emergency contraceptive pill. Condom use will be encouraged for disease prevention and secondary pregnancy prevention.

The CUPHD Advanced Practice Nurse has over 20 years of Family Planning and STD clinic experience. She managed a “Title X” Family Planning Clinic in Vermilion County, Illinois before coming to CUPHD in 2011. The APN has a “Collaborative Agreement” with a Family Practice physician from Carle Hospital, as required by Illinois state law. This physician is on-site four hours weekly and is available for consultation, when needed. This physician served as a Planned Parenthood physician for several years.



Cont'd

HIV Care Connect

CUPHD serves as the Lead Agent for the East Central Illinois HIV Care Connect which serves the following counties: Champaign, Clark, Clay, Coles, Crawford, Cumberland, Douglas, Edgar, Effingham, Ford, Iroquois, Jasper, Kankakee, Lawrence, Livingston, Richland, and Vermilion. Case management is provided to persons living with HIV in each county.

In 2014, over 300 persons living with HIV were offered medical case management at CUPHD. Medical case management is a formal and professional service that links clients with chronic conditions and multiple service needs to a continuum of health and social service systems. This system strives to ensure that clients with complex needs receive timely coordinated services which assist a client's ability to function independently for as long as is practical. Medical case management assesses the needs of the client, the client's family, and the client's support system as well as arranges, coordinates, monitors, evaluates, and advocates for a package of multiple services to meet the specific client's complex needs.

HIV Testing & Counseling

Infectious Disease provides HIV testing and counseling services to those most at risk for HIV infection. Testing is available using a rapid testing devices. Testing is provided at the CUPHD clinic (201 West Kenyon Road), on the CUPHD mobiles, and in outreach settings.

Juvenile Detention Center Outreach

STD education and urine screening for Chlamydia and Gonorrhea and rapid HIV testing is offered to all of the youth during a weekly on-site STD clinic.

Men's Screening Clinic

Infectious Disease staff provides a special Men's Clinic for STD services at an off-site location. This clinic is available to walk-in clients on Wednesdays (4:00 - 6:30 PM).

Services include testing, treatment, and counseling for the following: Chlamydia, Gonorrhea, Syphilis, Hepatitis C, and HIV.



Cont'd

Mpowerment Project

This community-level intervention for young men who have sex with men uses a combination of informal outreach, discussion groups, creation of safe spaces, social opportunities, and social marketing to reach a broad range of young gay men with HIV prevention, safer sex, and risk reduction messages.

In 2014, an Mpowerment project for young African American men who have sex with men, “Brother to Brother” was continued. This project follows the same model but adds components of race and cultural identity to increase HIV prevention.

More information about this program can be obtained by calling 217.531.5364.



Pregnancy Screening Project

Clients, 25 years of age and younger or those who report STD symptoms, that present for pregnancy testing are provided “opt-out” testing for Gonorrhea and Chlamydia with the urine specimen they provide for pregnancy testing.

STD Services

CUPHD provides STD services at 201 West Kenyon Road, Monday through Friday from 8:30—11:30 AM and 1:00—4:30 PM. Services include counseling, testing, and treatment for the following: Chlamydia, Gonorrhea, Syphilis, Hepatitis C, HIV, Herpes Type 1 & 2. Additional services include Hepatitis A & B vaccines.

STD Surveillance

Infectious Disease provides surveillance services for clients that test positive for sexually transmitted diseases. CUPHD staff works confidentially with any clients that test positive for STDs to locate, test, and treat sexual partners.

Tuberculosis (TB) Program

One-third of the world’s population is infected with Tuberculosis (TB), and one (1) person with active TB can infect 10-15 other people in a year! CUPHD offers TB skin tests every week and follow-up treatment when needed for those who test positive. Field TB testing is available for at-risk groups. CUPHD also offers professional speakers to make TB presentations upon request.

In 2014, CUPHD managed six (6) newly diagnosed people with active TB disease through Directly Observed Therapy (DOT).

Cont’d

Totals for 2014

		Positive
<u>STD Clinics—Client Testing & Services:</u>		
Chlamydia	1,266	189
Gonorrhea	1,266	82
Hepatitis C	25	9
Herpes Serologic 1	10	2
Herpes Serologic 2	10	6
HIV	1,308	11
Syphilis	1,272	14
<u>Men's Clinic:</u>		
Chlamydia	45	2
Gonorrhea	45	0
HIV	44	0
Syphilis	22	0
<u>Tuberculosis (TB) Program:</u>		
Total TB Skin Tests	897	



Cont'd

Totals for 2014

		Positive
<u>Check Out Healthy (Jail Project):</u>		
Chlamydia	180	16
Gonorrhea	180	8
Syphilis	420	3
HIV	483	2
Hepatitis C Test	13	2
<u>Juvenile Detention Center Outreach:</u>		
Chlamydia	122	20
Gonorrhea	122	7
HIV	130	0
<u>HIV Testing & Counseling:</u>		
Tests Conducted	100	7
<u>Pregnancy/STD Project:</u>		
Chlamydia	108	8
Gonorrhea	108	4
<u>STD—Surveillance:</u>		
Persons Notified & Brought To Treatment	120	
Partners Treated	24	
Expedited Partner Therapy	9	
Syphilis Cases	9	
Syphilis Cases Managed by CUPHD	11	
Partners of Syphilis Patients Treated	3	
<u>WOW Mobile Program:</u>		
Chlamydia	18	2
Gonorrhea	18	0
HIV	42	0
Syphilis	39	0

Maternal & Child Health

Maternal & Child Health (MCH) provides services to at-risk mothers and children in Champaign County. Services include WIC, Immunizations, Lead Poisoning Screenings, HealthWorks, Family Case Management, Nutrition Counseling, and MUCH MORE!

Family Case Management

Family Case Management provides preventative care, developmental testing, immunizations, referrals, and follow-up for pregnant women and children who meet income guidelines. Home visits are done once during pregnancy and once during the postpartum period. The car seat program is in collaboration with Safe Kids of Champaign County. The Illinois Department of Public Health (IDPH) Genetics Grant provides funding for prenatal genetic screening. Denver II and Ages and Stages standardized developmental screenings are used and the Edinburgh tool is used for postpartum depression screenings.

Farmer's Market

CUPHD hosts a produce-only Farmer's Market onsite each Tuesday afternoon from June to October as a point of access to healthy foods. WIC Farmer's Market Vouchers, cash, and LINK/SNAP benefits are accepted for payment.

Give Back Garden

The Give Back Garden, established in 2012, has been providing fresh fruits and vegetables to local Champaign County families at no cost. The mission

of the Give Back Garden has been to increase the availability of fresh produce to residents that might otherwise lack access to it, and thus have been primarily serving WIC participants. In both 2013 and 2014, CUPHD grew and distributed over 800 pounds of produce.



The garden is maintained by a few CUPHD employees with the help of many volunteers. Volunteers range from individuals who are simply interested in giving back to their community, to student groups from the University of Illinois, and even service organizations from around the state. Volunteers not only gain hands-on experience in growing food from seed, but they also gain a greater understanding of food insecurity in the U.S.

This year, CUPHD made great strides in reaching out to other programs and organizations in the community to explore areas of collaboration. CUPHD is currently working with Salt and Light, a local charity organization, to start a CSA (community-supported agriculture) program that will provide members of the Salt and Light food cooperative with a box of produce regularly

Cont'd

throughout the growing season that will include recipes and tips for using and storing the produce. CUPHD has also begun a partnership with LINC, a University of Illinois program in which students identify areas of need in the garden, and then propose and implement solutions to help us meet our goals. Finally, CUPHD has started working with the local farmer's markets in an effort to increase the redemption rate of WIC farmer's market vouchers, by providing an incentive of receiving even more produce supplied by the Give Back Garden when they redeem their WIC vouchers.

The vision for the future is to transform the Give Back Garden into a true community garden in which members of the community gather to grow food, build relationships, and participate in the growth of the Give Back Garden program. CUPHD plans to maintain the valuable partnerships it has established with other organizations. In addition, CUPHD would like to see the garden program, as a whole, become self-sustainable by conserving resources as much as possible, and by generating enough income to maintain the basic needs from year to year.



HealthWorks

HealthWorks for Illinois is a collaborative effort between the Department of Children & Family Services (DCFS) and Public Health. Public Health in Champaign County serves as the Lead Agency for Champaign, Ford, and Iroquois counties.

HealthWorks provides advocacy and referrals to pregnant DCFS wards and their children. HealthWorks works closely with foster parents and case-workers to ensure that those in foster care receive appropriate medical care.

Lead Blood Draws

The Illinois Department of Public Health (IDPH) provides a grant to draw blood to check lead levels for Medicaid clients age 1 and 2-1/2. If a child is found to have an elevated level, follow-up services, including a home assessment, are provided.

Milk Bank

In June of 2014, the Maternal Child Health division expanded services protecting the health of our community's most fragile members, premature babies. Many mothers of premature infants struggle to provide their milk for their baby, and donor milk is in short supply. Increasing the awareness of milk donation and making it easier for mothers to donate can help bridge this gap. Partnering with The Milk Bank of Indianapolis, CUPHD became the first Milk Bank Depot in central Illinois. Depots are designated drop off locations that

Cont'd

house a Milk Bank deep freezer, providing convenient storage and shipping for donor moms. After being screened and approved by The Milk Bank, mothers who wish to donate breast milk can bring it to CUPHD, which then stores and ships it to The Milk Bank in Indiana where it is processed and distributed to hospitals for babies in need across the US. The CUPHD depot has shipped more than 5,000 ounces of breast milk within the first eight months of opening, providing a great way for breastfeeding mothers to make a difference in the lives of other babies.



Parent Wonders

CUPHD has an agreement with the Parent Wonders program to visit the Rantoul office to provide support and parenting/child interaction skills education to clients that are participating in WIC services.

Summer Food Program

CUPHD acts as an open site for the Federal Summer Food Program and offers nutritious meals (breakfast, lunch, and afternoon snack) to any child 1-18, during the summer months. Many children receive a significant amount of their daily food from the school-based programs and this is missing when school is not in session. CUPHD works to fill this need. This is in collaboration with the Illinois State Board of Education and funded by Federal reimbursement.

Summer food sites included CUPHD, Springer Recreation Center, and Leonard Recreation Center.

2014 totals:

- 9,631 breakfasts
- 2,614 lunches
- 7,347 snacks
- 19,592 total meals served

Cont'd

Vaccines for Children

CUPHD provides immunizations to kids through the federal Vaccines for Children (VFC) program. There is no cost for these vaccines, and there is only a small administrative fee for each dose, which is billable to Medicaid.

Any child who lives in Champaign County AND who is a Native American or a Native Alaskan, OR is uninsured, OR has insurance that does not fully

cover the cost of vaccination is eligible for vaccines. Underinsured children are eligible through an agreement with Frances Nelson Health Center.

Women, Infants & Children (WIC)

WIC provides nutrition assessment, counseling, and supplemental food coupons for “at-risk” pregnant and postpartum women, infants, and children up to age 5.



Totals for 2014

	Total
<u>HealthWorks:</u>	
Average Monthly Caseload	692
<u>Lead:</u>	
Lead Screenings	1,104
<u>WIC:</u>	
Average Monthly Caseload	3,586
Total Certifications/Enrollment Visits	5,354
Secondary Education Visits	4,520
Follow-up Visits	3,735
<u>Family Case Management:</u>	
Developmental Screenings	1,397
Perinatal Depression Screenings	1,938
Pregnancy Tests	222
<u>Safe Kids:</u>	
Total Seats Checked	730
Total Seats Distributed	397
Total People Education	1,167
<u>Vaccines for Children:</u>	
Total Vaccines	3,149



Wellness & Health Promotion

Wellness & Health Promotion works to implement policy and environmental changes in the Champaign County community in order to support positive health behaviors and provides educational, supportive, and preventative programming to residents throughout Champaign County through the CUPHD Dental Clinic, the Urbana School Health Center, the Illinois Breast & Cervical Cancer Program, Illinois Tobacco Free Communities, Coordinated School Health, We Choose Health, Making Proud Choices, various workshops, programs, and community events.

Advocacy Day

On April 1, 2014, 19 students from J.W. Eater went to the capitol in Springfield. The students learned about the legislative process and were trained on how to advocate to their legislators. Most of the day was spent learning and meeting with local legislators.

Be Proud! Be Responsible!

Be Proud! Be Responsible! is a six-part curriculum that provides adolescents with the knowledge, motivation, and skills needed to reduce their risk of contracting HIV and other STDs. The overall goals of this curriculum are to reduce unprotected sex among sexually active youth, delay initiation of sex among sexually inexperienced youth, and help young people make proud and responsible sexual choices.

Boltage

CUPHD partnered with C-U Safe Routes to School and the Urbana Middle School in the Boltage competition at Urbana Middle School. This pilot program tracks students biking and walking to school and rewards them with bike-related incentives.

Coordinated Approach to Child Health (CATCH)

CUPHD encourages schools to implement CATCH. CATCH consists of four (4) components to help keep children moving and eating right: Health Education, CATCH PE, Home Team, and school nutrition. Schools go through a full day of training, and receive the curriculum and support to implement the effort. There are a total of 14 schools in Champaign County that participate in CATCH.

Additionally, CATCH promotes “Moving Mondays” & “Fitness Fridays.” These are days that schools participating in CATCH ask students to move when told to (over the school intercom system). CUPHD also supports CATCH schools through a variety of activities, for example structured physical activities at recess, youth wellness council, and Lucky Tray Day.

CUPHD currently has four staff who are certified CATCH trainers. Five schools were trained to implement CATCH in 2014.

Cont'd

CUPHD Dental Program

The CUPHD Dental Program services children ages 0-18 enrolled in Champaign or Urbana School Districts; Champaign County children in Foster Care are also eligible for services. Services include: exams, cleanings, fluoride, x-rays including panoramic, dental sealants, fillings, pulpotomies, some root canal therapy treatments, some extractions, and space maintainers. CUPHD operates clinics in Champaign and at the Urbana School Health Center. CUPHD employs two full-time and one part-time dentist, five full-time dental hygienists and four part-time dental hygienists, two full-time dental assistants and four full-time support services staff who coordinate schedules, insurance, patient service, educational projects, and grants.

CUPHD's Outreach dental services provides dental exams, cleanings, fluoride, and dental sealants to Urbana and Champaign Public School students in grades Pre K – 8 each year at school using mobile dental equipment. This mobile program is certified by the Illinois Department of Public Health and has received outstanding compliancy audits for the past eight years. This program is supported by Medicaid billing and a dental supplies grant from Oral Health America. In May 2014, CUPHD piloted a mobile restorative program to provide fillings at school following preventative visits; 15 children successfully received fillings through this pilot program and it was adopted by Prairie Elementary School in Urbana and Urbana Early Childhood, and South Side Elementary, Robeson Elementary and

Garden Hills Elementary in Champaign for the 2014-15 school year.



CUPHD Dental also supports Maternal and Child Health / WIC nurses who are certified to provide oral health screenings and education, and to apply fluoride varnish to clients under 5 years old.

Activities included:

- Participated in America's Tooth Fairy Smile Drive with Wal-Mart Vision Centers, and collected 32 dental supply kits that were donated to Crisis Nursery
- Established an Oral Health Task Force in Urbana to address increase in decay/cavities in Urbana school students
- Partnered with Illini District Dental Society, SmileHealthy, and Parkland Dental Hygiene for Give Kids a Smile Day®, and provided free dental exams and cleanings for 115 children
- Mentored a Parkland College LPN student who provided dental education to 23 students at Westview Elementary, and provided free toothbrush kits
- Presented oral health education to Urbana Early Childhood parents at Parent Night

Cont'd

- Mentored an Urbana High School student who provided dental education to 30 Urbana High School PK students, and provided free toothbrush kits
- Provided over 300 free toothbrush kits to Urbana Middle School teachers for 6th grade students during oral health instruction in quarterly health classes
- Provided free dental exams at CU Fun Days at Douglas Park, and free dental exams and dental sealants during Saturday immunization clinic at CUPHD



Freedom from Smoking

Freedom From Smoking is an eight-session class that focuses on giving participants the tools to successfully quit. This program is available to residents of Champaign County who want to live tobacco-free. Before participants quit, they look at their habit and the reasons for wanting to be tobacco-free, and develop a customized individual plan to quit.

Germ Busters

With the help of community and University of Illinois volunteers, Champaign-Urbana Public Health District has been working to prevent the spread of illness through a youth education program called Germ Busters. Dressed in Tyvek suits, green wigs, and goggles, two to four volunteers have been visiting area pre-kindergarten and elementary schools to teach proper hand washing techniques and how to keep germs at bay. Topics addressed include not touching your t-zone, sneezing into your sleeve instead of your hand, when and how to wash your hands, and staying home when you are sick. Classrooms that do not wish to have the interactive presentation still have the option to receive a Germ Busters toolkit, which includes educational materials that they can use to discuss germs on their own.

Hand Washing Education

Wellness & Health Promotion offers a series of age-appropriate hand washing and flu prevention education programs and materials for all local schools. Schools may request these programs FREE by calling Talia Oakley at 217.531.4540.

Cont'd

Health Education Activities

Champaign-Urbana

- Carrie Busey CATCH 3K Celebration
- Give Kids A Smile Day®
- National Walk n Roll to School Day
- Mt. Olive Health Fair
- Crossing Guard Appreciation Day
- Bike to School Day
- Orchard Downs Bike Rodeo
- Boltage Celebrations
- Playing It Safe
- Leal CATCH Pep Rally and Kick-Off
- Great American Smoke Out
- Prairie Elementary School Health Fair
- Leal Elementary School Science Night
- Garden Hills' Neighborhood Info Fair and Bike Rodeo
- Leal Elementary School Family Fun Night
- CATCH Science Night at Wiley Elementary School
- Bike Rodeo at the Market at the Square
- Bike to Work Day
- Amazing Challenge Contest and Celebrations
- Expert presentation: The Role of Comprehensive Sex Education in Preventing Sexually Offensive Behaviors
- Recess Week at Leal, Wiley, and Thomas Paine Elementary Schools
- Safe Routes to School Plan for South Side Elementary School Open House
- Carle Cancer Symposium
- Carle Neuroscience Symposium
- Panel discussion and screening of *Fed Up*
- CATCH Family Open House at M.L.

- King Jr. Elementary School
- CATCH Family Open House at Prairie Elementary School
- Tobacco Education table at Pridefest
- M.L. King Jr. Elementary School Open House
- Walk with the Mayors
- Fitness Friday at King (monthly)
- CATCH Night at Prairie Elementary School
- Thomas Paine Elementary School Fun Activity Night
- M.L. King Jr. Elementary School Fun Fitness Fiesta
- Smoke Free Illinois and Cessation Presentation

Champaign County

- Unity West Open House
- Positive Youth Development
- Fun Day at Unity West
- Lucky Tray Day
- Jump Rope for Heart / Hoops for Heart at Jr. 4-H Unity East and Unity West
- Family Fun Night at Unity West
- Youth Advocacy Day
- Red Pepper Taste Test at Unity West
- Walk to Hollywood Celebration at Unity West
- Ludlow CATCH Kick-off
- National Walk n Roll To School Day
- Rantoul Schools Resource Fair



Cont'd

Illinois Breast & Cervical Cancer Program (IBCCP)

The Illinois Breast & Cervical Cancer Program (IBCCP) contracts with local medical providers to provide FREE breast and cervical cancer screening for women ages 35-64 with no health insurance, Medicaid, or Medicare part B.

The CUPHD IBCCP program serves women from Champaign, McLean, and Vermilion Counties. IBCCP provides community outreach, as well as educational materials and presentations throughout the IBCCP service area. IBCCP encourages all women to have their annual screenings done and seeks new client enrollment in order to provide screenings for uninsured women who would otherwise have no access to these services. Women with abnormal screenings also receive diagnostic services and medical case management. While women under the age of 35 are not eligible for screening through this program, they may be eligible for medically indicated diagnostic services if referred by their medical provider. If diagnosed, eligible women are transferred into Medicaid for cancer treatment.

Juvenile Detention Center Outreach

Wellness & Health Promotion health educators provide tobacco/alcohol programs to the youth in the Champaign County Juvenile Detention Center each month.

Making Proud Choices

Making Proud Choices is a comprehensive sexual education program devel-

oped for ages 11-13. It consists of eight modules of lessons and videos that are evidence-based, medically-accurate, and age-appropriate. Making Proud Choices aims to prevent teenage pregnancy, STDs and HIV by providing information to students regarding abstinence, contraception, condom use, healthy decision making, communication and goal setting. CUPHD facilitated this program at READY school, JW Eater Jr. High School, and Franklin Middle School in 2014.



Media Sharp

Media Sharp is an important tool to help middle and high school youth evaluate media messages and make healthy, life-saving choices. Through four to five interactive sessions using various forms of technology and media, participants learn how media influences our behaviors and decisions. The curriculum focuses on tobacco and alcohol, but addresses media's influence on all of our choices from cars to tennis shoes.

Cont'd

Not Here

Not Here is a tobacco sales compliance program for Champaign County. CUPHD notifies all tobacco vendors that they will be checked periodically for age 18 tobacco sales compliance. Congratulatory letters are sent to stores that pass “secret shopper” compliance tests. Reports on stores that fail compliance testing are forwarded to local law enforcement, who do an official check for compliance. CUPHD conducts “Not Here” checks three times a year.

REALITY Illinois

REALITY Illinois is an anti-tobacco movement created by and for Illinois teens. REALITY Illinois spreads the word about tobacco industry manipulation, and the harms of second-hand smoke and tobacco use. CUPHD is working with youth at JW Eater Junior High in Rantoul to learn about the harm of tobacco use in public places, and to advocate for smoke-free parks in Rantoul.

Smoke-Free Illinois Compliance

Smoke Free Illinois Compliance is an education and enforcement program for Smoke Free Illinois. CUPHD is responsible for receiving and investigating complaints for Champaign County, including those made to the State of Illinois, the smoking complaint hotline at CUPHD, and the CUPHD website. CUPHD will help businesses to comply where possible, and issue citations when appropriate.

Smoke-Free Multi-Unit Housing

CUPHD works with private and public housing managers, owners, and operators to move toward smoke-free policies. CUPHD gave a presentation to the Housing Authority of Champaign County and as a result, they agreed to open two of their new developments with smoke-free policies. Also completed was a postcard mailing to all Champaign County property managers highlighting the benefits of smoke-free multi-unit housing. Additional activities included bus ads, a public service announcement, attendance at the Central IL Rental Property Professionals Fair, and the development and maintenance of a smoke-free housing directory.

Smoke-Free Parks

In 2014, surveys regarding smoke-free parks at summer park events were developed and distributed. CUPHD collected over 1,100 surveys from Champaign County park users and presented the findings. Presentations on smoke-free parks were given throughout the County. Many of these presentations were for Park District Boards or Village Boards. Three villages adopted smoke-free parks policies: Ludlow, Ogden, and Tolono.



Cont'd

Teen Pregnancy Prevention Program

The purpose of the Illinois Teen Pregnancy Prevention Program is to reduce teenage pregnancy, sexually transmitted infections, and HIV/AIDS among 11 to 18 year olds in Illinois. This is accomplished by utilizing a curriculum, having an after-school program for positive youth development, and hosting a coalition.

The curriculum used is either Be Proud! Be Responsible! or Making Proud Choices. Both involve facilitation with the students regarding sexual health and life skills lessons. The after-school program highlights positive youth development lessons and is named iRock. The coalition is the Coalition for Comprehensive Sexual Education and meets quarterly to discuss the needs and resources of the community regarding sexual health education.

Training Intervention Procedures (T.I.P.s)

Wellness & Health Promotion provides an alcohol server training program for all local businesses that serve alcohol. CUPHD partners with Community Elements and the Champaign Police Department to bring this program to area alcohol servers.



Urbana School Health Center (USHC)



The Urbana School Health Center (USHC) consists of a seamless partnership of trusted local agencies dedicated to the health and well being of children enrolled in the Urbana School District.

Services are available to ALL students of the Urbana School District during their school day, allowing for consistent and convenient carefree medical and dental services. Services include routine exams and procedures; acute care issues stemming from injuries or chronic disease conditions; and counseling and wellness programs. USHC's community care approach ensures the Urbana School District students the best possible care - away from home.

The Urbana School Dental Clinic sees children enrolled in the Urbana School District. Services include: cleanings, fluoride, x-rays, sealants, restorative care, and extractions.

Cont'd

We Choose Health

We Choose Health: Champaign County is a multi-year community transformation initiative that focuses on obesity and tobacco prevention, healthier children, and workplace wellness in Champaign County. The Champaign-Urbana Public Health District (CUPHD) is working with multiple community partners to achieve the goals of the We Choose Health initiative. CUPHD and community partners will focus on several areas of change: Coordinated School Health, Smoke-free Communities (public places and multi-unit housing), Workplace Wellness, Baby Friendly Hospitals, Complete Streets, and Safe Routes to School.

Women Out Walking (WOW)

Women Out Walking was a team walking challenge for women in Champaign County. For 12 weeks in the spring of 2014, teams recorded their daily step totals using provided pedometers. Individuals and teams competed to win bi-weekly challenges and the title of overall winner. Throughout the 12 weeks, CUPHD offered encouragement through e-mails, incentives, monthly newsletters, and group events with the goal of improving the cardiovascular health of participants. There were 18 teams and 107 participants.

Worksite Wellness

Through the We Choose Health grant, CUPHD was able to help several worksites with worksite wellness initiatives. Six local worksites received a Healthy Worksite designation including

the Champaign-Urbana Public Health District. CUPHD held several trainings with interested employers including a luncheon at Human Kinetics with a panel discussion highlighting the worksites with designations. CUPHD offered a full-day Work@Health training with six employers, as well as several other shorter worksite wellness presentations. In addition, CUPHD assisted several worksites with setting up health screenings and lunch and learn programs. CUPHD also participated in a “cutting government waist” series.

Additional Activities

Media

- Developed two tobacco prevention commercials

Coalition Participation

- C-U Safe Routes to School Project Steering Committee
- Healthy Champaign County (Chair)
- Champaign County Tobacco Prevention Coalition (Chair)
- Human Services Council
- Bike Month Planning Committee
- Urbana Bicycle Plan Steering Committee
- Green Machine (Student Wellness Committee at Unity West)

Presentations

- We Choose Health Initiative presentation at the Urbana School District’s Winter Institute for Teachers—presentation included information on CATCH
- Smoke-free Multi-unit Housing Testimony at the Housing Authority of Champaign County Commissioners meeting
- Smoke-free Living presentation for tenants at two housing authority buildings

Cont’d

WELLNESS & HEALTH PROMOTION

Totals for 2014

	C-U	County	Other
<u>Be Proud! Be Responsible!</u>			
Number of Programs		4	
Number of Participants		92	
<u>CATCH</u>			
Average Number of Participants per Month	2,486	2,377	
Number of Schools	7	7	
<u>Freedom From Smoking</u>			
Number of Participants	16		
<u>Hand Washing Education</u>			
Number of Programs	11	1	
Number of Participants	276	263	
<u>Making Proud Choices</u>			
Number of Programs	10	15	
Number of Participants	237	277	
<u>Not Here</u>			
Number of Attempts	261	43	
Number of Sales	19	2	
<u>Smoke Free Illinois Compliance</u>			
Number of Complaints	24	3	
<u>TNT</u>			
Number of Programs	1	4	
Number of Participants	22	100	
<u>Training Intervention Procedures (T.I.P.s)</u>			
Number of Programs	14		
Number of Participants	216	28	53

Cont'd

Totals for 2014

CUPHD Dental Clinic

New Patients	988
Visits by Patients of Record	5,548
Total Patient Visits	6,536
Total Children Seen in School Sealant Clinics	1,649
Total Number of Sealants Placed in School	
Sealant Visits	1,264
Cleanings	739
Fluorides in Sealant Clinic	734
Total Procedures Performed	27,413
Average Procedures per Patient	4.19
Days Clinic was Open	239

Urbana School Health Center Dental Program

New Patients	184
Visits by Patients of Record	1,525
Total Patient Visits	1,709
Total Procedures Performed	6,337
Average Procedures per Patient	3.70
Days Clinic was Open	152



Cont'd

Totals for 2014

IL Breast & Cervical Cancer Program (IBCCP)

Total Average Number of Active Clients per Month 950

Total Number of New Clients Enrolled 148

Average Number of Active Clients per Month

- Champaign-Urbana	264
- Champaign County	158
- McLean County	319
- Vermilion County	209

Number of New Clients

- Champaign-Urbana	62
- Champaign County	26
- McLean County	43
- Vermilion County	17

Cancers Diagnosed through IBCCP

- Breast Cancer	
- Champaign-Urbana	1
- Champaign County	2
- McLean County	1
- Vermilion County	2
- Cervical Cancer or Pre-cancerous Condition	
- Champaign-Urbana	0
- Champaign County	1
- McLean County	0
- Vermilion County	0

Cont'd

Totals for 2014

Referred To Treatment Act

- Breast Cancer	
- Champaign-Urbana	0
- Champaign County	2
- McLean County	0
- Vermilion County	0
- Cervical Cancer	
- Champaign-Urbana	0
- Champaign County	0
- McLean County	0
- Vermilion County	0





Quality Improvement

Quality Improvement

CUPHD is committed to creating a culture of quality to ensure the efficiency and effectiveness of departmental activities. The Public Health Accreditation Board requires that each accredited local health jurisdiction have in place a performance management system. CUPHD has formally adopted the Public Health Accreditation Board's standards across the organization as the District actively works through the accreditation process. The performance management model used by Champaign-Urbana Public Health District was

developed by the *Turning Point National Excellence Collaborative on Performance Management*.

It is the goal of the Champaign-Urbana Public Health District to develop and maintain a robust performance management system that involves the ongoing use of performance standards and measures, reporting of progress, and quality improvement principles to ultimately have a positive impact of the public's health in Champaign County.

PUBLIC HEALTH PERFORMANCE MANAGEMENT SYSTEM



Cont'd

Champaign-Urbana Public Health District Performance Tracking System 2014

Program	Objective	Baseline	Target	Data Source	Responsible Party	Timeline for Monitoring	Quarter 1	Quarter 2	Quarter 3	Quarter 4
Communicable Disease	By 12/31/2014, Increase the number of providers using I-NEDSS for reporting of Communicable Disease	0	1	INEDSS Log	CD Investigator and Epidemiologist	Quarterly	1	0	0	0
Communicable Disease	By 12/31/2014, Increase the number of agencies trained in Principles of Infection Control	8	10	Training Log CUPHD	CD Investigator and Epidemiologist	Quarterly	2	2	3	3
Communicable Disease	By 12/31/2014, Increase the number of providers using I-NEDSS for reporting of Communicable Disease	0%	70%	INEDSS Log	CD Investigator and Epidemiologist	Quarterly	68%	68%	82%	90%
WIC	By June 30, 2014, Increase Monthly WIC Program Participation by 10%	3729	4000	Cornerstone	Brandon M, Rosita R and Nicole W	Monthly (mid-month reporting)	3600	3700	3500	3450
Family Case Management	By June 30, 2014, Increase by 15% the rate of 3-2-2 immunization compliance at 1 year per our DHS quarterly outcome report	76	90	Cornerstone	Cathy Ito and Jennifer Deakin	Monthly	81.4%	81.4%	85.7%	87.16%
Family Case Management	By September 30, 2014, increase to 90%, the rate of one year olds, participating in the Family Case Management program, with 3 or more documented well-child visits	74	90	Cornerstone	Brandon Meline	Quarterly	73.9%	92.6%	85.7%	90.3%
Retail Food Protection	By December 31, 2014 increase by 60% the number of corrected-on-site [COS] enforcement actions for non-critical violations associated as	10%	70%	DHD: inspection	EH Program Staff	Quarterly	100%	90%	100%	100%

	foodborne illness risk factors or public health intervention			records						
Private Sewage Disposal	By December 31, 2014, increase by 70% the number of Ownership Responsibility Affidavits for all types of private sewage disposal systems	0%	70%	Individual Sewage Files	EH Program Staff	Quarterly	100%	100%	100%	100%
Wellness and Health Promotion	By December 31, 2014, Increase the number Champaign County elementary schools using CATCH from 10 to 13	30%	36%	WCH	Program Coordinator and Health Educator	Quarterly	0	0	42%	42%
Wellness and Health Promotion/Dental	By December 31, 2014, Reduce by 5% the number of Urbana Early Childhood preschoolers (ages 3-5) with untreated decay	34%	29%	Dental Exam Reports	Dental Coordinator	Quarterly	na	na	34%	28%
Wellness and Health Promotion/Dental	By April 30, 2015, reduce the Dental Missed Appointment rate by 8%	28%	20%	Dentrix	Dental Coordinator	Quarterly	na	na	22%	21%
Wellness and Health Promotion	By December 31, 2014, Provide Education 2 education campaigns for Smoke-free Multi-unit housing	0	4		Program Coordinator and special Projects Coordinator	Quarterly	4	0	0	0
Wellness and Health Promotion	By December 31, 2014, Provide PREP Education to 230 students in Champaign County	0	230	PREP	Health Educator	Quarterly	142	0	0	362
Wellness and Health Promotion	By December 2014, 2 parks will have implemented smoke-free parks policies	2	4	Park Districts' websites	Program Coordinator and Special Projects Coordinator	Quarterly	0	0	0	3

Cont'd

QUALITY IMPROVEMENT

Finance	By December 31, 2014 generation of timely and accurate financials within 5 weeks after month end.	0%	100%	Financial Edge and Excel Tracking Log	Mandy Knight	Quarterly	0	0	0	100%
Finance	By December 31, 2014 completion of Grant Bills within 30 days following month-end.	42%	100%	Excel	Mandy Knight	Quarterly	35%	43%	50%	89%
Finance	By December 31, 2014 medical claims will be reviewed, corrected and filed within 30 days of date of service.	77	30	Excel	Mandy Knight	Quarterly	116	125	55	73
Finance	By December 31, 2014 dental claims will be reviewed, corrected and filed within 30 days of date of service.	77	30	Excel	Mandy Knight	Quarterly	59	53	37	40
Adult Services	By December 31, 2014, increase the number of clients who access FP services at CUPHD by 25%	240	300	Insight EMR	Family Planning Staff	Quarterly	80	84	104	99
Adult Services	By December 31, 2014, decrease by 3% the number of clients who receive Chlamydia screening who do not meet the IDPH screening guidelines	12%	15%	Insight EMR	STD Staff	Quarterly	19%	15%	12%	14%
Adult Services	By December 31, 2014, increase by 5% the number of DOT Visits Completed for Active TB Cases	75%	80%	INEDSS	TB Staff	Quarterly	96%	97%	93%	93%
Adult Services	By December 31, 2014, increase by 5 % the number of newly diagnosed HIV+ clients who are linked into medical care within 48 hours of confirmed diagnosis.	90%	95%	PROVIDE	HIV Staff	Quarterly	NA	100%	100%	NA



Champaign-Urbana Public Health District

201 W. Kenyon Road
Champaign, Illinois 61820

217.352.7961

Environmental Health

217.373.7900

- Closed Loop (Geothermal) Well Permits
- Emergency Preparedness Planning
- Food Safety Classes
- Inspection of Food & Drink Establishments
- Inspection of Tanning Establishments
- Lead Investigations
- Private Sewage System Permits
- Private Water Well Permits
- Radon Awareness
- West Nile Virus Surveillance

Infectious Disease

217.531.5365

- Communicable Disease Surveillance & Investigation
- Family Planning Services
- Hepatitis Testing & Vaccinations
- HIV Case Management
- HIV Counseling & Testing
- Mobile Outreach Project
- Pregnancy Tests
- STD Testing
- TB Prevention & Management

Birth & Death Certificates

217.352.7961

Finance

217.531.4263

Human Resources

217.531.4265

Information Technology

217.531.4274

Public Relations

217.531.4264

Maternal & Child Health

217.531.4304

- All Kids Applications
- Blood Lead Screenings
- Breastfeeding Support
- Car Seat Program
- Childhood Immunizations
- Developmental & Postpartum Depression Screenings
- Family Case Management / Health Works
- Vision & Hearing Screenings
- Women, Infants & Children (WIC)

Wellness & Health Promotion

217.373.7901

- Child Dental Health
- Coordinated School Health
- Illinois Breast & Cervical Cancer Program (IBCCP)
- Illinois Tobacco Free Communities
- Smoking Cessation
- Urbana School Health Center
- *We Choose Health* Initiative



Public Health
Prevent. Promote. Protect.

Champaign-Urbana Public Health District

 CUPHD

 Champaign County Prepares

 CU_PublicHealth

www.c-uphd.org



Public Health
Prevent. Promote. Protect.

Champaign-Urbana Public Health District

www.c-uphd.org