

Annual Report
2005



PUBLIC HEALTH

Champaign County Public Health Department
and
Champaign-Urbana Public Health District

Annual Report

Calendar Year 2005

Promoting Health

Preventing Disease

Lessening the Impact of Illness



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

The Champaign County Public Health Department was formed by a referendum of county voters in 1996 to bring many of the same public health services to Champaign County residents living outside C-U.

These agencies together provide a host of vital services to all county residents. Public Health services include: community health nursing; dental care for children; environmental health inspections and permits; disease tracking and reporting; HIV counseling and testing, prevention and management; sexually transmitted disease testing and treatment; immunizations and an array of other services to pregnant women, children, teenagers and adults of all ages.

This is a progress report of Public Health services provided in Champaign County in 2005.

**Champaign-Urbana
Public Health District
Board of Health**

Carol Elliott, Chairperson
Barbara Wysocki, Secretary
Linda Abernathy
Robert Brunson, Treasurer
David Morse, MD, Medical Advisor

**Champaign County
Public Health Department
Board of Health**

Doug Wright, DDS, President
Kim Winston, RN, MSN, Secretary
John Peterson, MD, Treasurer
Larry Sapp, County Board Liaison
Susan Maurer
Tom O'Rourke, Ph.D., MPH
Julian Rappaport, Ph.D.
Carrie Storrs, RN
Safwat Wahba, MD

Leading Causes of Death

**Top 10 Leading Causes of Death
Calendar Year 2005
Champaign County (including CU)**

Myocardial Infarction	90
Cardio Pulmonary Arrest	79
Respiratory Failure	78
Septicemia	66
Cancer-Lung	62
Pneumonia	60
Congestive Heart Failure(CHF)	52
Renal Failure	41
Cerebro Vascular Disease(CVA)	36
Chronic Obstructive Pulmonary Disease(COPD)	23

Vital Statistics

Calendar year 2005

	Champaign Urbana	Champaign County
Births	741	1307
Deaths:	342	555
Fetal Deaths:	1	3

Administration tracks and investigates disease outbreaks, conducts health assessments, produces community health plans, and supports all the other activities and services of Public Health.

Illinois Breast & Cervical Cancer Program

	Champaign Urbana	Champaign County
Active IBCCP clients as of 12/28/2005	227	103
Unduplicated Women Served 1/1/05-12/31/05	197	118
Breast Cancer Diagnosed 2005	1	1
Cervical Cancer/Pre-cancer Diagnosed 2005	0	1



Reportable Communicable Diseases

<u>DISEASES</u>	<u>CASES</u>	
	Champaign Urbana	Champaign County
Class 1(a) Reported Immediately	0	0
Class 1(b) Reported Within 24 hours		
Enteric E Coli	3	1
Foodborne Illness	0	4
Pertussis	18	21
Rabies exposure	10	5
Class II (Reported Within 7 Days)		
Streptococcal infections	7	5
Blastomycosis	1	0
Campylobacteriosis	16	8
Chickenpox	2	0
Chlamydia	901	223
Cryptosporidiosis	4	1
Tuberculosis	5	0
Giardiasis	14	5
Gonorrhea	335	76
Hepatitis B	7	1
Hepatitis C	58	13
Histoplasmosis	2	1
Meningitis, Aseptic	8	1
Salmonella	17	8
Shigellosis	3	0
Streptococcal pneumonia	13	2
HIV	3	10
Mumps	1	0

Health Education

Tobacco Prevention & Cessation Programs

	Number Served	
	C-U	County
Freedom From Smoking Cessation Program	98	44
Project Towards No Tobacco (TNT) Prevention Program (5th graders)	151	473
Smoke Free That's Me Tobacco Prevention Program (2nd grades)	318	125
Tobacco Presentations	1021	67
Champaign County Tobacco Prevention Coalition	48	38
C-U Smokefree Alliance	107	-
Great American Smokeout	300	-
C-U Smokefree Alliance, Quad Day	600	-
NOT HERE, ILCC (Youth access tobacco prevention program)	29/215	14/122
REALITY, IL (youth advocate tobacco prevention program)	65	13
Step by Step Smoking Cessation Kits	35	-
Body Walk participants	720	480
IL Smokefree Restaurant Recognition Program	52	4

Chronic Disease Prevention and Management provides health screenings (blood pressure, blood glucose and cholesterol checks), immunizations and home-based health management services to residents throughout Champaign County.

	Champaign Urbana	Champaign County
Clients Screened:	1168	284
Blood Pressures:	1048	258
Blood Sugar:	317	212
Cholesterol:	294	214
Referrals:	291	108
Immunization Clients:	441	236
Immunizations Given:	462	272
Total Number HV Clients	178	37
Number of Home Visits	2674	382

Other Health Education Programs

	Champaign Urbana	Champaign County
Heart Smart for Women	167	59
Training for Intervention Procedures (TIPS), Server Training Program	257	5
Non-tobacco public presentations	351	35

Champaign County SAFE KIDS Coalition Car Seat Distribution

	Champaign Urbana	Champaign County
Total Number of Inspections:	828	260
Total Number of Distributions:	425	135

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; conducts lead investigations; and provides food-handling classes.

	Champaign Urbana	Champaign County
Food Establishment Contacts		
Inspections	894	385
Reinspections and other Surveys	77	48
Temporary Events	413	230

	Champaign Urbana	Champaign County
Plan Review		
Plan/Menu/Equipment Review	637	503
Site Visits	416	187
Construction Surveys	66	87
New Permits	81	31

	Champaign Urbana	Champaign County
Investigations		
Complaints/Foodborne Illness	96	34

Water and Sewage Programs: Water Supply

	Champaign Urbana	Champaign County
Permits Issued	NA	90
Wells Installed	NA	70
New and Existing Wells Inspected	NA	185
Requests for Inspection/Sampling	NA	307
Wells Sealed	NA	61
Sealed Wells Inspected	NA	15

Water and Sewage Programs: Private Sewage Systems

	Champaign Urbana	Champaign County
Permits Issued (New and Renovations)	NA	200
Systems Installed (New and Renovations)	NA	205
Systems Inspected (New)	NA	160
Total Inspections Conducted	NA	303
Complaints Received (Existing Systems)	NA	35
Inspections Conducted as a Result of Complaints	NA	33

Sewage Pumpers

	Champaign Urbana	Champaign County
Pumper Trucks Inspected	NA	17
#Subdivisions Reviewed	NA	6
# Subdivisions Approved w/Private Sewage Systems	NA	6



Maternal and Child Health Management and Pediatrics and Nutrition Services

	Champaign Urbana	Champaign County
Women, Infants and Children	2668	1180
Teen Parent Services	82	40
Health Works	283	131
Family Case Management	1220	567
KidCare Aps	33	18
Home Visits	135	70
Head Start	19	11
Well Baby/School Physicals	81	33
Sick Visits	15	3
Child Immunizations	101	48
Lead Draws	55	33
Pregnancy Tests	19	12
APORS Visits	12	5
Cooperative Ext.	-	53
Parent Wonders Col	-	17
Nutrition - Urbana SBHC	7	-
Smoking Cess	5	3
Car Seats	53	28
Genetics assessments	40	18
Farm Market	2006 season	859 season

* Numbers are average per month, except Farm Market.



Division of Infectious Disease Prevention and Management - Anonymous HIV Testing

In 2005, CUPHD saw a total of 375 clients in Counseling and Testing Services. 244 were from Champaign or Urbana, 45 from Champaign County. 48% were with persons who identified as Men who have Sex with Men (MSM), 6% reported Injection Drug Using (IDU) behaviors, and 15% reported High Risk Heterosexual (HRH) behaviors (Sex with HIV+ person, Females who reported sex with MSM, Sex with IDU, 2 or more STD in past 12 months, or Sex Workers). 70% of those receiving Anonymous Counseling and Testing services reported an increased risk of HIV infection.

Hepatitis Integration Project

333 people were tested and/or vaccinated for Hepatitis A, B, & C.

- 246 residents of Champaign & Urbana
- 53 residents of Champaign Co.
- 39 residents of other counties

Hepatitis Immunizations, Hepatitis C testing, and Harm Reduction outreach:

- 78 visits to the TIMES Center (Men's homeless shelter)
- 13 visits to A Woman's Place (Domestic violence shelter)
- 14 visits to Center for Women in Transition (Transitional housing/homeless shelter)

The Hepatitis Support Group met at the Carle Forum. Average attendance: 13 per month.

STD Clinic Tests

	C-U/M	C-U/F	Co/M	Co/F	Other/M	Other/F	TOTAL
Chlamydia Tests	730	548	283	182	118	65	1,926
Positive Chlamydia	105	58	16	19	6	4	208
Gonorrhea Tests	725	465	160	179	117	63	1,709
Positive Gonorrhea	62	25	8	6	8	1	110
Syphilis Tests	726	513	188	188	115	65	1,795
Positive Syphilis	14	3	1	1	2	1	22
Hepatitis C Tests	2	2	2	1	0	1	8
Positive Hep C	0	0	0	0	0	0	0
HIV confidential	503	376	138	131	78	57	1,283
Hep A vaccine	39	42	10	8	9	6	114
Hep B vaccine	8	8	3	1	2	0	22
Hep A & B vaccine	193	130	54	53	33	15	478



Champaign Urbana Public Health District - Division of Dental Health serves the oral health needs of under served and uninsured children who live in Champaign-Urbana.

Number of Children Served

In traditional clinic settings:	2311
In school settings:	30
Total:	2341

Preventive Services (including x-rays, exams, cleanings, sealants)

In clinic settings:	1276
In school settings:	30
Restorative services:	1166
Oral Surgery:	290



Infectious Disease Prevention and Management

Clients Immunized during IM Clinics

	Champaign Urbana	Champaign County	Other	TOTAL
Hepatitis A	72	37	21	130
Hepatitis B	118	82	15	215
IVP (Polio)	12	14	0	26
Meningitis	25	12	3	40
MMR	69	22	10	101
Td (Tetanus/Diphtheria)	140	49	18	207
Twinrix (Hep A & B)	39	32	2	73
Typhoid	53	30	21	104
Varicella (Chickenpox)	47	12	8	67

Central Illinois Dental Education and Services

Awards

2005 Rosie Walls American Dental Hygiene Award for Excellence in Dental Hygiene Services

2005 American Dental Hygiene Association Clinical Hygienist of the Year

Number of Patient Visits

In traditional clinic settings	812
In school/alternative based settings	2425
Total	3237
Preventive Services in clinic settings	3214
In school/alternative settings	4550

Restorative Services

In clinic excluding specialists	428
Total served by specialist	117

Pedodontist

Children served	49
Number of procedures	229

Oral Surgery

Children served	7
Number of extractions	29

Ortho

Full arch cases	7
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Endodontist

Number of root canals on permanent teeth	9
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Oral health programs	35
Number of family dental health kits provided (approximately)	3500

Value of donated services...no CIDES reimbursement	\$7751.10
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Champaign County Board of Health County Public Health Fund, FY2005 Actual

Beginning Balance **448,240.77**

REVENUE

Champaign County Levy	301,275.67
C-U Health District Levy	389,676.76
Interest	15,094.52
Gifts & Donations	0.00
Interfund Transfers - Hth/Chd	145,500.00
Subtotal Revenue	<u>851,546.95</u>

GRANTS

Well Water Grant	1,150.00
Local Health Protection Grant	118,963.33
Health & Wellness (Injury Prevention)	
Tobacco-Free Communities	23,824.32
Communicable Disease Investig	111,428.08
Other State/Federal Grants vis CUPHD	
Subtotal Grants	<u>255,365.73</u>

FEES

Water Well Programs	16,400.00
Private Sewage Program	47,255.00

Food Safety Program	62,957.00
Clinic/Nursing Fees	
Subtotal Fees	<u>126,612.00</u>
TOTAL REVENUE, GRANTS AND FEES	<u>1,233,524.68</u>

EXPENDITURES

Public Health District Levy	389,676.76
Public Health District Contract	620,387.64
Home Nursing/Child Dental Grant (CUPHD)	77,526.36
Child Dental Services Contract (CIDES)	105,168.00
Automobile Maintenance	1,001.00
Other Contract Services	
Commodities & Meals/Expenses	110.00
Equipment & Furnishings	0.00
Capital Improvements	0.00
TOTAL EXPENDITURES	<u>1,193,869.76</u>

Fiscal Year Revenue Less Expenditures	39,654.92
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Ending Balance **487,895.69**