

KANE COUNTY DEPARTMENT OF HEALTH  
 Communicable Disease Control Monthly Report  
 A. General Communicable Diseases

Reported Disease: Illinois state law requires the reporting of communicable diseases and conditions for the purpose of monitoring trends, detecting unusual occurrences of disease and evaluating the effectiveness of intervention activities.

**Communicable Disease Statistical Report<sup>&</sup>**

DISEASE REPORTED	Reporting Time	J	F	M	A	M	J	J	A	S	O	N	D	2010 YTD	2011 YTD	2011 TOTAL
Anaplasmosis	7 day	0	0											0	0	0
Anthrax	3 hour	0	0											0	0	0
Botulism, foodborne	3 hour	0	0											0	0	0
Botulism, other	24 hour	0	0											0	0	0
Brucellosis	24 hour	0	0											0	0	0
Brucellosis, suspect bioterrorism	3 hour	0	0											0	0	0
California Encephalitis	7 day	0	0											0	0	0
Campylobacter *	7 day	2	1											3	NA	NA
Chickenpox ( <i>Varicella</i> )	24 hour	5	0											5	5	24
Chikungunya	7 day	0	0											0	2	3
Cholera	24 hour	0	0											0	0	0
Creutzfeldt-Jakob Disease	7 day	0	0											0	0	0
Cryptosporidiosis	7 day	0	0											0	0	3
Cyclosporiasis	7 day	0	0											0	0	2
Denque	7 day	0	0											0	0	0
Diphtheria	3 hour	0	0											0	0	0
Eastern Equine Encephalitis	7 day	0	0											0	0	0
Ehrlichiosis	7 day	0	0											0	0	0
Enteric E.coli infections^	24 hour	0	1											1	0	7
Haemophilus influenzae, invasive	24 hour	0	0											0	0	7
Hantavirus	24 hour	0	0											0	0	0
Hemolytic Uremic Syndrome, post diarrheal	24 hour	0	0											0	0	0
Hepatitis A, acute	24 hour	2	0											2	0	3
Hepatitis B, acute	7 day	0	0											0	2	2
Hepatitis B, chronic	7 day	3	4											7	3	34
Hepatitis C, acute and chronic	7 day	8	9											17	25	139
Hepatitis D, acute	7 day	0	0											0	0	0
Histoplasmosis	7 day	0	2											2	1	2
Influenza Death ( < 18 years)	7 day	0	0											0	0	0
Influenza, ICU admission	24 hour	0	10											10	8	20
Influenza, Novel Influenza A	3 hour	0	0											0	0	0
Legionellosis	7 day	1	0											1	0	6
Leprosy	7 day	0	0											0	0	0
Leptospirosis	7 day	0	0											0	0	0
Listeriosis	7 day	1	0											1	0	0
Lyme disease	7 day	0	0											0	0	7
Malaria	7 day	0	0											0	0	1
Measles	24 hour	0	0											0	0	0
Mumps	24 hour	1	1											2	2	4
Neisseria meningitidis, invasive	24 hour	0	0											0	0	0
Pertussis	24 hour	11	6											17	2	10
Plague	3 hour	0	0											0	0	0
Poliomyelitis	3 hour	0	0											0	0	0
Psittacosis	7 day	0	0											0	0	0
Q-fever	24 hour	0	0											0	0	0
Q-fever, suspect bioterrorism	3 hour	0	0											0	0	0
Rabies, Human	24 hour	0	0											0	0	0
Rabies, Potential Human Exposure	24 hour	1	0											1	2	31
Reye Syndrome	7 day	0	0											0	0	0
Rocky Mountain spotted fever	7 day	0	0											0	0	0
Rubella	24 hour	0	0											0	0	0
Salmonellosis	7 day	2	2											4	5	98
Severe Acute Respiratory Syndrome (SARS)	3 hour	0	0											0	0	0
Shigellosis	7 day	1	0											1	5	27
Smallpox	3 hour	0	0											0	0	0

Smallpox Vaccination Complication	24 hour	0	0															0	0	0
St. Louis Encephalitis	7 day	0	0															0	0	0
Staphylococcus aureus (high level vancomycin resistant)	24 hour	0	0															0	0	0
Staphylococcus aureus (intermediate vancomycin resistant)	24 hour	0	0															0	0	0
Staphylococcus aureus, methicillin resistant (MRSA), community cluster	24 hour	0	0															0	0	0
Staphylococcus aureus, methicillin resistant (MRSA), in those <61 days old	24 hour	0	0															0	0	3
Streptococcal infections, Group A invasive disease %	24 hour	2	3															5	3	13
Streptococcus pneumoniae, Invasive Disease, in those < 5 years old **	7 day	0	0															0	0	0
Tetanus	7 day	0	0															0	0	0
Toxic shock syndrome, staphylococcus aureus	7 day	0	0															0	0	1
Trichinosis	7 day	0	0															0	0	0
Tularemia	24 hour	0	0															0	1	1
Tularemia, suspect bioterrorism	3 hour	0	0															0	0	0
Typhoid Fever	24 hour	0	0															0	0	0
Typhus	24 hour	0	0															0	0	0
Unusual case	3 hour	0	0															0	0	0
Vibriosis (Non-cholera)	7 day	0	1															1	0	0
West Nile Virus	7 day	0	0															0	0	4
Western Equine Encephalitis	7 day	0	0															0	0	0
Yersiniosis	7 day	0	0															0	0	1
Zika Virus #	24 hour	0	0															0	NA	NA

& includes confirmed and probable cases

\*\* Limited to age <5 years Effective March 3,2008

% Includes streptococcal toxic shock syndrome and necrotizing fasciitis

\* Newly reportable effective January 1, 2016

^ O157:H7, STEC, EIEC, ETEC, EPEC

# Data collection began January 15, 2016

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
Food/Waterborne	0	0											0	1	5
Non-foodborne Clusters	3	3											6	3	13

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
<b>Disease Investigation</b>															
Reportable	40	40											80	66	453
Non-Reportable	28	19											47	75	336
Transfers	30	30											60	82	517
<b>Education</b>															
Provider	20	24											44	32	239
Public	8	13											21	23	131
Large Group	0	0											0	1/40	3/99
<b>Testing</b>	0	0											0	0	0
<b>Specimen Collection</b>	2	1											3	66	125
<b>Clinical Evaluation</b>	0	0											0	0	0
<b>Treatment services</b>	0	0											0	0	0

KANE COUNTY DEPARTMENT OF HEALTH  
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 B. Sexually Transmitted Disease (STD) and HIV / AIDS

Reported Disease: Illinois state law requires the reporting of communicable diseases and conditions for the purpose of monitoring trends, detecting unusual occurrences of disease and evaluating the effectiveness of intervention activities.

1a. DISEASE REPORTED	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
<b>Sexually Transmitted Diseases</b>															
Chlamydia	145	136											281	315	1856
Gonorrhea	36	19											55	60	320
Syphilis (1°,2°,Latent)	1	2											3	2	18
Syphilis (Congenital)	0	0											0	0	1
Syphilis (Other)	1	2											3	3	14
<b>Syphilis TOTAL</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>5</b>	<b>33</b>

1b. DISEASE REPORTED *	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD*	2015 YTD*	Cumulative
<b>HIV / AIDS</b>															
HIV Infections													***	***	***
AIDS													***	***	***

\* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report  
 \*\*\* Data not available at time of printing

2. STD/ HIV/AIDS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
<b>Disease Investigation</b>															
Reportable	188	192											380	395	2303
Non-Reportable	13	22											35	29	261
Transfers	4	6											10	11	74
<b>Education</b>															
Provider	2	2											4	4	21
Public	2	3											5	5	31
Large Group	0	0											0	0	0
<b>Testing</b>	0	0											0	0	0
<b>Specimen Collection</b>	0	0											0	0	0
<b>Clinical Evaluation</b>	0	0											0	0	0
<b>Treatment Services</b>	0	0											0	0	0

KANE COUNTY DEPARTMENT OF HEALTH  
 Communicable Disease Control Monthly Report  
 C. Tuberculosis

Reported Disease: Illinois state law requires the reporting of communicable diseases and conditions for the purpose of monitoring trends, detecting unusual occurrences of disease and evaluating the effectiveness of intervention activities.

	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
<b>1. DISEASE REPORTED</b>	0	0											0	4	18

<b>2. TUBERCULOSIS WORK UNIT</b>	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
<b>Disease Investigation</b>															
Reportable	0	0											0	4	18
Non-Reportable	3	3											6	0	22
Transfers	0	0											0	1	6
<b>Education</b>															
Provider	36	32											68	32	259
Public	50	44											94	43	312
Large Group	0	0											0	0	9/732
<b>Testing</b>															
Skin Tests	20	18											38	19	494
Chest X-Rays	5	7											12	27	124
<b>Specimen Collection</b>	51	65											116	116	644
<b>Clinical Evaluation</b>	119	104											223	127	1052
<b>Treatment Services</b>	112	122											234	243	1340

KANE COUNTY DEPARTMENT OF HEALTH  
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 D. Immunization Services

<b>VACCINES (Excludes Influenza )</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2016 YTD</b>	<b>2015 YTD</b>	<b>2015 TOTAL</b>
Shots given	89	72											161	155	1309
Patients seen	31	33											64	84	612
<b>RESIDENCY</b>															
Aurora	22	23											45	31	356
Elgin/C'ville	0	2											2	30	72
Tri-Cities	3	3											6	11	96
Other	6	5											11	12	88
<b>AGE</b>															
0 - 18 Years	31	33											64	55	561
19 - 64 Years	0	0											0	29	51
> 64 Years	0	0											0	0	0

<b>Influenza Vaccine Only</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2016 YTD</b>	<b>2015 YTD</b>	<b>2015 TOTAL</b>
Shots given	14	6											20	25	699

**Kane County Health Department  
Childhood Lead Prevention Program  
Case Management**

<b>NEW ENROLLEE Lead Levels</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2016 YTD</b>	<b>2015 YTD</b>	<b>2015 Total</b>
<b>3 years to 6 Years</b>															
>= 20 mcg/dl	1	0											1	0	3
10 - 19 mcg/dl.	0	1											1	2	15
<b>6 Months - 3 Years</b>															
>=20 mcg/dl	0	0											0	0	4
10 - 19 mcg/dl	4	2											6	6	33
<b>Total</b>	5	3	0	0	0	0	0	0	0	0	0	0	8	8	55

<b>Open Case Load</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>
Northern County	47	43										
Southern County	49	33										
<b>Total</b>	96	76	0	0	0	0	0	0	0	0	0	0

	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2016 YTD</b>	<b>2015 YTD</b>	<b>2015 Total</b>
<b>Case Closures</b>	8	17											25	11	85

<b>NURSE HOME VISITS</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2016 YTD</b>	<b>2015 YTD</b>	<b>2015 Total</b>
Initial Visit	5	4											9	8	57
Repeat Visit	6	7											13	8	97
<b>Total</b>	11	11	0	0	0	0	0	0	0	0	0	0	22	16	154

	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2016 YTD</b>	<b>2015 YTD</b>	<b>2015 Total</b>
<b>NURSE HOME VISITS ATTEMPTED NOT COMPLETED</b>	5	3											8	6	62

<b>EDUCATIONAL INTERVENTIONS</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2016 YTD</b>	<b>2015 YTD</b>	<b>2015 Total</b>
Calls	51	39											90	62	435
Letters	85	61											146	194	1010
Visits	12	17											29	35	261
Community Education	1	2											3	2	268
<b>Total</b>	149	119	0	0	0	0	0	0	0	0	0	0	268	293	1974

## Kane County Health Department Childhood Lead Prevention Program Lead Testing Summary

	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 Total
<b>High Risk Zip Codes</b>															
<b>60505</b>															
Tests Done	189	170											359	210	2320
Tests > 9mcg/dl	1	4											5	2	38
<b>60120</b>															
Tests Done	132	120											252	153	1653
Tests > 9mcg/dl	5	2											7	3	43
<b>All Zip Codes</b>															
Tests Done	681	641											1322	796	8711
Tests > 9mcg/dl	12	8											20	10	146

\* Data Not Available at Time of Printing

