

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>1,2</sup>**

DISEASE REPORTED	Reporting Time	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 Total
Acute Flaccid Myelitis	7 day	0	0	0	0									0	0	1
Brucellosis	24 hour	0	0	0	0									0	0	1
Campylobacteriosis*	24 hour	4	0	4	8									16	23	94
Cryptosporidiosis	7 day	0	0	0	2									2	1	5
Cyclosporiasis	7 day	0	1	0	0									1	0	35
Haemophilus Influenzae Invasive Disease	24 hour	0	1	0	1									2	2	7
Hepatitis A	24 hour	0	0	0	0									0	1	1
Hepatitis B Acute	7 day	0	1	1	0									2	0	0
Hepatitis B Chronic	7 day	4	0	0	1									5	11	28
Hepatitis C Virus Acute Infection	7 day	0	0	1	0									1	1	3
Hepatitis C Virus Chronic Infection	7 day	6	10	4	11									31	33	127
Histoplasmosis	7 day	1	0	0	0									1	1	2
Influenza with ICU Hospitalization	24 hour	4	7	27	13									51	72	77
Legionellosis - Legionnaires Disease	7 day	1	0	2	0									3	0	17
Legionellosis - Pontiac Fever	7 day	1	0	0	0									1	0	0
Listeria Invasive Disease	7 day	0	0	0	0									0	0	1
Lyme Disease	7 day	0	0	0	0									0	1	11
Malaria	7 day	0	0	0	0									0	0	5
Mumps	24 hour	1	0	0	1									2	0	9
Pediatric Influenza Death	7 day	0	0	0	0									0	1	2
Pertussis	24 hour	0	1	1	2									4	8	18
Rabies, Potential Human Exposure	24 hour	2	0	2	2									6	3	40
Salmonellosis	7 day	4	2	3	9									18	12	56
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	1	0									1	1	3
Shiga toxin-producing E. coli- Shiga toxin positive, non-O157 serotype, not cultured or serotyped	24 hour	1	0	2	1									4	0	6
Shigellosis	7 day	0	0	1	0									1	2	7
Spotted Fever Rickettsioses	7 day	0	0	0	0									0	1	1
Streptococcal Disease Invasive Group A <sup>%</sup>	24 hour	0	2	3	0									5	6	12
Streptococcal Toxic Shock Syndrome <sup>%</sup>	24 hour	0	0	3	0									3	1	3
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	1	0	0	1									2	0	0
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0	0									0	0	0
Typhoid Fever	24 hour	1	0	0	0									1	0	0
Typhus Murine	24 hour	0	0	0	0									0	0	1
Varicella (Chickenpox)	24 hour	5	5	1	4									15	7	23
Vibriosis	7 day	0	0	0	0									0	0	2
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0									0	0	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0									0	0	4

<sup>1</sup> Includes confirmed and probable cases

\* Newly reportable effective January 1, 2016

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

<sup>2</sup> Data are provisional and subject to change

% Includes streptococcal necrotizing fasciitis

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 Total
Food/Waterborne	1	0	0										1	2	9
Non-foodborne Clusters	4	6	5										15	28	36

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 Total
<b>Disease Investigation</b>															
Reportable	36	30	56	56									178	191	613
Non-Reportable	42	25	43	39									149	216	549
Transfers	32	36	71	51									190	164	512
<b>Education</b>															
Provider	8	13	27	20									68	79	210
Public	5	6	9	10									30	21	101
Large Group	0	0	0	0									0	0	0
<b>Testing</b>	0	0	0	0									0	0	0
<b>Specimen Collection</b>	0	0	4	2									6	12	15
<b>Clinical Evaluation</b>	0	0	0	0									0	0	0
<b>Treatment services</b>	0	0	0	0									0	0	0

KANE COUNTY DEPARTMENT OF HEALTH  
 Communicable Disease Control Monthly Report  
 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.

<b>1a. DISEASE REPORTED<sup>&amp;</sup></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>2019 YTD</b>	<b>2018 YTD</b>	<b>2018 TOTAL</b>
<b>Sexually Transmitted Diseases</b>															
Chlamydia	211	229	208	154									802	750	2327
Gonorrhea	40	38	35	26									139	134	435
Syphilis (1°,2°,Latent)	2	2	1	0									5	12	23
Syphilis (Congenital)	0	0	0	0									0	0	0
Syphilis (Other)	3	2	10	2									17	9	43
Syphilis TOTAL	5	4	11	2									22	21	66

<sup>&</sup> Data are provisional and subject to change

<b>1b. DISEASE REPORTED</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>2019 YTD</b>	<b>2018 YTD</b>	<b>2018 TOTAL*</b>
<b>HIV / AIDS</b>															
HIV Infections													***	***	21
AIDS													***	***	8

\* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report, **Jan-Sept 2018**

\*\*\* Data not available at time of printing, or suppressed due to very low count

<b>2. STD/ HIV/AIDS WORK UNIT</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>2019 YTD</b>	<b>2018 YTD</b>	<b>2018 TOTAL</b>
<b>Disease Investigation</b>															
Reportable	333	342	319	259									1253	1213	3682
OOJs <sup>#</sup> and Transfers	80	73	75	79									307	310	972
Non-Reportable	6	5	12	2									25	35	109
<b>Education</b>															
Provider	2	6	4	2									14	2	21
Public	1	0	0	0									1	0	3
Large Group	0	0	0	0									0	0	0
<b>Testing</b>	0	0	0	0									0	0	0
<b>Specimen Collection</b>	0	0	0	0									0	0	0
<b>Clinical Evaluation</b>	0	0	0	0									0	0	0
<b>Treatment Services</b>	0	0	0	0									0	0	0

<sup>#</sup> OOJ = Out of jurisdiction reportable STD cases that KCHD completed surveillance and intervention activities.

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	2019 YTD	2018 YTD	2018 TOTAL
<b>1. DISEASE REPORTED</b>	2	4	0	2									8	4	10
<b>2. TUBERCULOSIS WORK UNIT</b>	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 TOTAL
<b>Disease Investigation</b>															
Reportable	3	3	0	2									8	4	10
Non-Reportable	4	4	6	13									27	19	63
Transfers	1	0	0	0									1	0	2
<b>Education</b>															
Provider	11	24	40	51									126	281	1028
Public	45	46	72	68									231	260	1136
Large Group	1	1	1	1									4	3	12
<b>Testing</b>															
Skin Tests	10	4	12	7									33	40	191
Chest X-Rays	2	2	3	0									7	12	43
<b>Specimen Collection</b>	32	35	26	1									94	127	388
<b>Clinical Evaluation</b>	52	72	62	69									255	437	1381
<b>Treatment Services</b>	169	116	125	56									466	583	1663

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>2019 YTD</b>	<b>2018 YTD</b>	<b>2018 TOTAL</b>
Shots given	114	143	77	131									465	230	1355
Patients seen	57	60	34	69									220	94	662
<b>RESIDENCY</b>															
Aurora	28	33	19	39									119	40	328
Elgin/C'ville	9	6	3	5									23	19	59
Tri-Cities	0	3	3	2									8	7	52
Other	20	18	7	22									67	25	230
<b>AGE</b>															
0 - 18 Years	49	56	30	44									179	93	479
19 - 64 Years	4	4	3	23									34	3	167
> 64 Years	0	0	1	2									3	1	19

<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>2019 YTD</b>	<b>2018 YTD</b>	<b>2018 TOTAL</b>
Shots given	30	29	7	3									69	56	529

## 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>2019</b>	<b>2018 YTD</b>	<b>2018 Total</b>
<b>3 years to 6 Years</b>															
>/= 20 mcg/dl	0	0	0	0									0	0	3
10 – 19 mcg/dl.	0	0	0	1									1	1	5
5 – 9 mcg/dl.*	1	1	0	2									4		
<b>6 Months - 3 Years</b>															
>/=20 mcg/dl	0	0	0	0									0	2	8
10 - 19 mcg/dl	0	1	1	0									2	5	23
5 – 9 mcg/dl.*	1	0	1	1									3		
<b>Total</b>	2	2	2	4	0	0	0	0	0	0	0	0	10	8	39

<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	58	55	54	56								
Southern County	55	55	52	51								
<b>Total</b>	113	110	106	107	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>2019</b>	<b>2018 YTD</b>	<b>2018 Total</b>
<b>Case Closures</b>	4	7	15	8									34	17	94

<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>2019</b>	<b>2018 YTD</b>	<b>2018 Total</b>
Initial Visit	2	2	2	4									10	8	39
Repeat Visit	3	10	1	9									23	27	101
<b>Total</b>	5	12	3	13	0	0	0	0	0	0	0	0	33	35	140

<b>NURSE HOME VISITS ATTEMPTED NOT COMPLETED</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>2019 YTD</b>	<b>2018 YTD</b>	<b>2018 Total</b>
	4	4	1	9									18	17	70

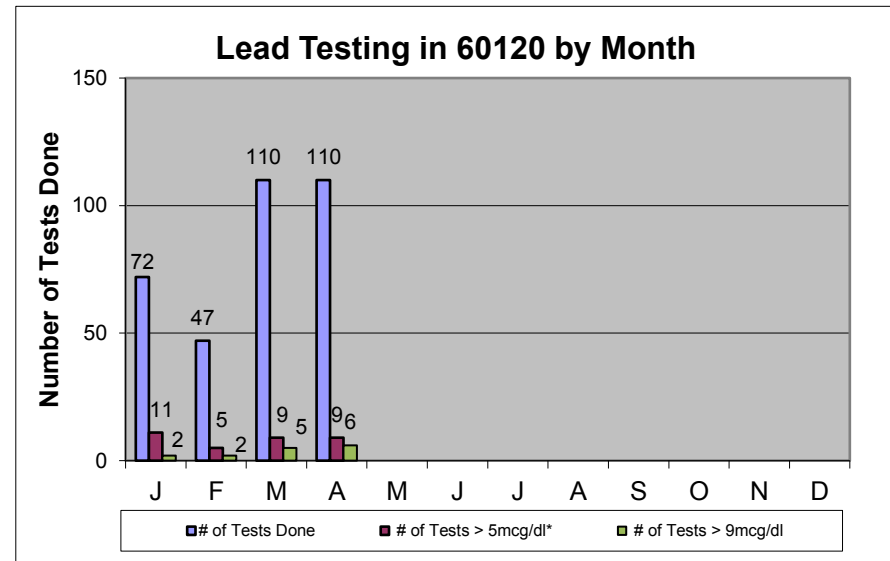
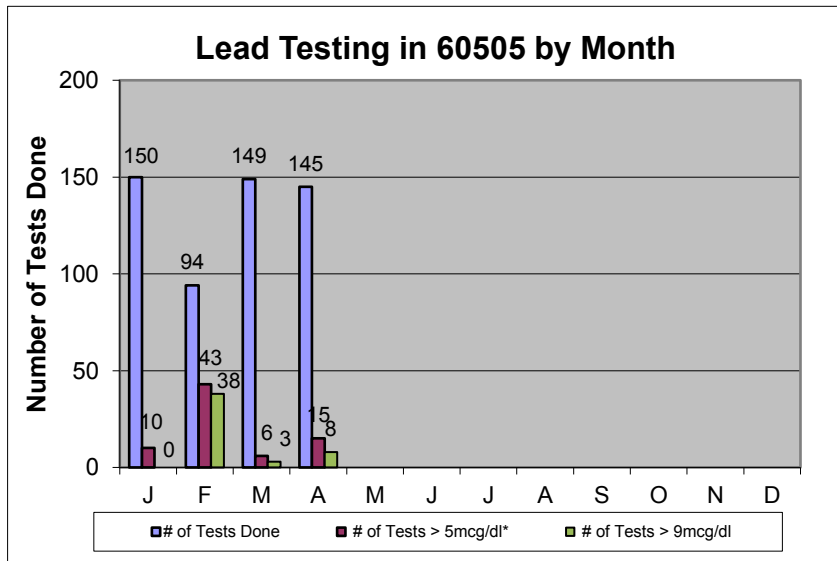
<b>EDUCATIONAL</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2019</b>	<b>2018 YTD</b>	<b>2018 Total</b>
Calls	50	86	91	113									340	211	927
Letters	56	82	125	69									332	213	763
Visits	9	23	9	28									69	102	233
Community Education	2	5	3	62									72	16	2317
<b>Total</b>	117	196	228	272	0	0	0	0	0	0	0	0	813	542	4240

\* Effective 7/1/19, the "blood lead level of concern" is  $\geq 5\text{mcg/dl}$

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

High Risk Zip Codes	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 Total
<b>60505</b>															
# of Tests Done	150	94	149	145									538	490	1765
# of Tests > 9mcg/dl	0	38	3	8									49	12	63
# of Tests > 5mcg/dl*	10	43	6	15									74		
<b>60120</b>															
# of Tests Done	72	47	110	110									339	356	1175
# of Tests > 9mcg/dl	2	2	5	6									15	7	38
# of Tests > 5mcg/dl*	11	5	9	9									34		
<b>All Zip Codes</b>															
Tests Done	581	273	629	631									2114	1584	6524
# of Tests > 9mcg/dl	4	50	16	23									93	39	170
Tests > 5mcg/dl*	36	66	29	44									175		

\* Effective 7/1/19, the "blood lead level of concern" is  $\geq 5$ mcg/dl



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

