

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							0	0	1
Brucellosis	24 hour	0	0	0	0	0	0							0	0	1
Campylobacteriosis*	24 hour	4	0	4	8	5	5							26	44	97
Cryptosporidiosis	7 day	0	0	0	2	0	0							2	1	5
Cyclosporiasis	7 day	0	1	0	0	0	0							1	0	35
Haemophilus Influenzae Invasive Disease	24 hour	0	1	0	1	2	1							5	4	7
Hepatitis A	24 hour	0	0	0	0	1	0							1	1	1
Hepatitis B Acute	7 day	0	1	1	0	0	0							2	0	0
Hepatitis B Chronic	7 day	4	0	0	2	2	2							10	14	28
Hepatitis C Virus Acute Infection	7 day	0	0	1	0	0	0							1	2	3
Hepatitis C Virus Chronic Infection	7 day	6	10	5	12	10	4							47	65	129
Histoplasmosis	7 day	1	1	0	0	1	0							3	1	2
Influenza with ICU Hospitalization	24 hour	4	7	27	13	6	1							58	72	77
Legionellosis - Legionnaires Disease	7 day	1	0	2	0	1	0							4	2	17
Legionellosis - Pontiac Fever	7 day	1	0	0	0	0	0							1	0	0
Listeria Invasive Disease	7 day	0	0	0	0	0	0							0	0	1
Lyme Disease	7 day	0	0	0	0	0	1							1	2	11
Malaria	7 day	0	0	0	0	1	0							1	1	5
Measles	24 hour	0	0	0	0	1	0							1	0	0
Mumps	24 hour	1	3	0	1	1	0							6	3	9
Pediatric Influenza Death	7 day	0	0	0	0	0	0							0	1	2
Pertussis	24 hour	0	1	1	2	0	1							5	13	18
Rabies, Potential Human Exposure	24 hour	2	0	1	4	7	1							15	11	40
Salmonellosis	7 day	4	2	3	9	7	2							27	25	56
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	1	0	1	0							2	1	3
Shiga toxin-producing E. coli- Shiga toxin positive, non-O157 serotype, not cultured or serotyped	24 hour	1	0	2	2	1	1							7	1	6
Shigellosis	7 day	0	0	1	0	2	0							3	5	7
Spotted Fever Rickettsioses	7 day	0	0	0	0	0	0							0	1	1
Streptococcal Disease Invasive Group A <sup>%</sup>	24 hour	0	2	3	0	1	0							6	7	12
Streptococcal Toxic Shock Syndrome <sup>%</sup>	24 hour	0	0	3	0	0	0							3	3	3
Streptococcus Pneumoniae - Drug Resistant Invasive Disease		0	0	0	0	1	0							1	0	0
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	1	0	0	1	0	0							2	0	0
Typhoid Fever	24 hour	1	0	0	1	0	0							2	0	0
Typhus Murine	24 hour	0	0	0	0	0	0							0	0	1
Varicella (Chickenpox)	24 hour	5	5	1	4	1	0							16	11	23
Vibriosis	7 day	0	0	0	0	0	0							0	0	2
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0							0	0	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	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

<sup>%</sup> 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	1	0							3	2	9
Non-foodborne Clusters	4	6	5	0	2	0							17	30	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	34	56	62	52	19							259	294	617
Non-Reportable	42	24	43	39	40	30							218	318	549
Transfers	32	36	71	51	70	49							309	251	512
<b>Education</b>															
Provider	8	16	28	20	18	15							105	114	210
Public	5	6	9	10	11	12							53	39	101
Large Group	0	0	0	0	0	1							1	0	0
<b>Testing</b>	0	0	0	0	0	0							0	0	0
<b>Specimen Collection</b>	0	0	4	2	0	0							6	12	15
<b>Clinical Evaluation</b>	0	0	0	0	0	0							0	0	0
<b>Treatment services</b>	0	0	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	228	209	204	178	133							1163	1148	2327
Gonorrhea	40	38	35	30	26	16							185	223	435
Syphilis (1°,2°,Latent)	2	2	2	2	1	0							9	11	23
Syphilis (Congenital)	0	0	0	0	0	0							0	0	0
Syphilis (Other)	4	2	8	6	0	1							21	20	43
Syphilis TOTAL	6	4	10	8	1	1							30	31	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													***	10	21
AIDS													***	5	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	334	342	328	317	302	200							1823	1882	3793
OOJs <sup>#</sup> and Transfers	80	73	76	79	94	51							453	489	987
Non-Reportable	7	5	10	7	1	2							32	50	96
<b>Education</b>															
Provider	2	6	4	2	2	4							20	10	21
Public	1	0	0	0	0	0							1	2	3
Large Group	0	0	0	0	0	0							0	0	0
<b>Testing</b>	0	0	0	0	0	0							0	0	0
<b>Specimen Collection</b>	0	0	0	0	0	0							0	0	0
<b>Clinical Evaluation</b>	0	0	0	0	0	0							0	0	0
<b>Treatment Services</b>	0	0	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	1	3							12	4	10
<b>2. TUBERCULOSIS 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	3	3	0	2	1	3							12	4	10
Non-Reportable	4	4	6	13	4	7							38	35	63
Transfers	1	0	0	0	0	0							1	0	2
<b>Education</b>															
Provider	11	24	40	51	60	42							228	427	1028
Public	45	46	72	68	72	55							358	402	1136
Large Group	1	1	1	1	2	0							6	7	12
<b>Testing</b>															
Skin Tests	10	4	12	7	10	14							57	94	191
Chest X-Rays	2	2	3	0	9	3							19	17	43
<b>Specimen Collection</b>	32	35	26	1	36	27							157	181	388
<b>Clinical Evaluation</b>	52	72	62	69	84	71							410	616	1381
<b>Treatment Services</b>	169	116	125	56	86	86							638	764	1663

KANE COUNTY DEPARTMENT OF HEALTH  
 Communicable Disease Control Monthly Report  
 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	106	259							830	335	1355
Patients seen	57	60	34	69	47	210							477	135	662
<b>RESIDENCY</b>															
Aurora	28	33	19	39	30	137							286	58	328
Elgin/C'ville	9	6	3	5	5	3							31	27	59
Tri-Cities	0	3	3	2	1	8							17	13	52
Other	20	18	7	22	11	62							140	34	230
<b>AGE</b>															
0 - 18 Years	49	56	30	44	45	38							262	134	479
19 - 64 Years	4	4	3	23	2	156							192	3	167
> 64 Years	0	0	1	2	0	16							19	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	8	0							77	58	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							0	2	3
10 – 19 mcg/dl.	0	0	0	1	1	0							2	2	5
5 – 9 mcg/dl.*	1	1	0	2	0	0							4		
<b>6 Months - 3 Years</b>															
>/=20 mcg/dl	0	0	0	0	1	0							1	3	8
10 - 19 mcg/dl	0	1	1	0	4	0							6	10	23
5 – 9 mcg/dl.*	1	0	1	1	2	2							7		
<b>Total</b>	2	2	2	4	8	2	0	0	0	0	0	0	20	17	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	54	59						
Southern County	55	55	52	51	52	57						
<b>Total</b>	113	110	106	107	106	116	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	18	7							59	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	8	2							20	17	39
Repeat Visit	3	10	1	9	9	0							32	49	101
<b>Total</b>	5	12	3	13	17	2	0	0	0	0	0	0	52	66	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	9	1							28	37	70

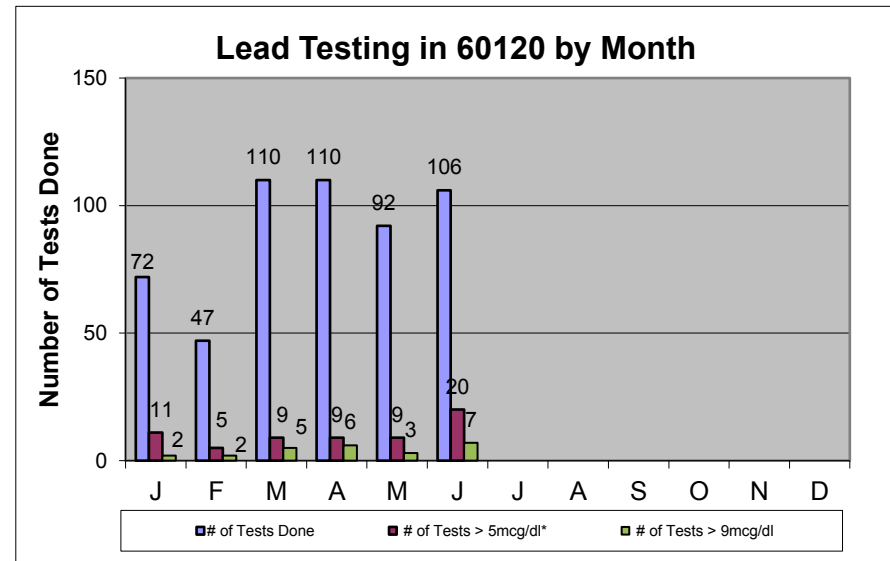
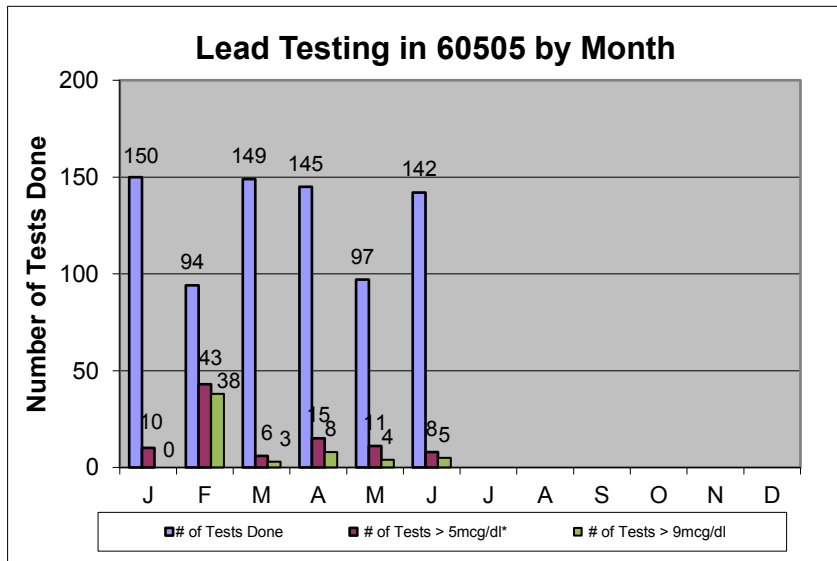
<b>EDUCATIONAL</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2019</b>	<b>2018 YTD</b>	<b>2018 Total</b>
Calls	50	86	91	113	113	104							557	362	927
Letters	56	82	125	69	96	104							532	312	763
Visits	9	23	9	28	16	11							96	152	233
Community Education	2	5	3	62	5	3							80	19	2317
<b>Total</b>	117	196	228	272	230	222	0	0	0	0	0	0	1265	845	4240

\* 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

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	97	142							<b>777</b>	<b>714</b>	<b>1765</b>
# of Tests > 9mcg/dl	0	38	3	8	4	5							<b>58</b>	<b>16</b>	<b>63</b>
# of Tests > 5mcg/dl*	10	43	6	15	11	8							<b>93</b>		
<b>60120</b>															
# of Tests Done	72	47	110	110	92	106							<b>537</b>	<b>535</b>	<b>1175</b>
# of Tests > 9mcg/dl	2	2	5	6	3	7							<b>25</b>	<b>12</b>	<b>38</b>
# of Tests > 5mcg/dl*	11	5	9	9	9	20							<b>63</b>		
<b>All Zip Codes</b>															
Tests Done	581	273	629	631	465	623							<b>3202</b>	<b>2503</b>	<b>6524</b>
# of Tests > 9mcg/dl	4	50	16	23	14	14							<b>121</b>	<b>57</b>	<b>170</b>
Tests > 5mcg/dl*	36	66	29	44	33	40							<b>248</b>		

\* 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**

