

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					0	0	1
Brucellosis	24 hour	0	0	0	0	0	1	0	0					1	1	1
Campylobacteriosis*	24 hour	4	0	4	8	5	5	10	6					42	69	97
Cryptosporidiosis	7 day	0	0	0	2	0	0	1	0					3	2	5
Cyclosporiasis	7 day	0	1	0	0	0	0	2	0					3	34	35
Haemophilus Influenzae Invasive Disease	24 hour	0	1	0	1	2	1	0	0					5	5	7
Hepatitis A	24 hour	0	0	0	0	1	0	1	0					2	1	1
Hepatitis B Acute	7 day	0	1	1	0	0	0	0	0					2	0	0
Hepatitis B Chronic	7 day	4	0	0	2	2	3	2	0					13	16	28
Hepatitis C Virus Acute Infection	7 day	0	0	1	0	0	0	0	0					1	2	3
Hepatitis C Virus Chronic Infection	7 day	6	10	4	12	11	7	12	8					70	83	129
Histoplasmosis	7 day	1	1	0	0	2	0	0	0					4	1	2
Influenza with ICU Hospitalization	24 hour	4	7	27	13	6	1	0	0					58	73	77
Legionellosis - Legionnaires Disease	7 day	1	0	2	0	1	1	1	12					18	8	17
Legionellosis - Pontiac Fever	7 day	1	0	0	0	0	0	0	0					1	0	0
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	0					0	0	1
Lyme Disease	7 day	0	0	0	0	0	2	5	1					8	10	11
Malaria	7 day	0	0	0	0	1	0	0	0					1	2	5
Measles	24 hour	0	0	0	0	1	0	0	0					1	2	0
Mumps	24 hour	1	3	0	1	1	0	0	0					6	8	9
Pediatric Influenza Death	7 day	0	0	0	0	0	0	0	0					0	1	2
Pertussis	24 hour	0	1	1	2	0	1	3	1					9	13	18
Rabies, Potential Human Exposure	24 hour	2	0	1	4	7	1	4	0					19	20	40
Salmonellosis	7 day	4	2	3	9	7	3	8	6					42	41	56
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	1	0	1	0	2	0					4	3	3
Shiga toxin-producing E. coli- Shiga toxin positive, non-O157 serotype, not cultured or serotyped	24 hour	1	0	2	2	1	1	0	0					7	2	6
Shigellosis	7 day	0	0	1	0	2	0	1	0					4	5	7
Spotted Fever Rickettsioses	7 day	0	0	0	0	0	0	0	0					0	1	1
Streptococcal Disease Invasive Group A <sup>%</sup>	24 hour	0	2	3	0	1	0	2	0					8	8	12
Streptococcal Toxic Shock Syndrome <sup>%</sup>	24 hour	0	0	3	0	0	0	0	0					3	3	3
Streptococcus Pneumoniae - Drug Resistant Invasive Disease		0	0	0	0	1	0	0	0					1	0	0
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	1	0	0	1	0	0	0	0					2	0	0
Typhoid Fever	24 hour	1	0	0	1	0	0	0	0					2	0	0
Typhus Murine	24 hour	0	0	0	0	0	0	0	0					0	1	1
Varicella (Chickenpox)	24 hour	5	5	1	4	1	0	0	2					18	16	23
Vibriosis	7 day	0	0	0	0	0	0	1	0					1	0	2
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0					0	2	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0					0	2	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	1	0	0	0					3	4	9
Non-foodborne Clusters	4	6	5	0	2	0	0	0					17	30	36
<b>3. General Communicable Disease 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	36	34	55	62	54	27	55	36					359	437	617
Non-Reportable	42	24	43	39	43	34	43	46					314	412	549
Transfers	32	36	71	51	70	51	61	42					414	361	512
<b>Education</b>															
Provider	8	16	28	20	18	15	14	9					128	140	210
Public	5	6	9	10	11	12	14	5					72	67	101
Large Group	0	0	0	0	0	1	0	0					1	0	0
<b>Testing</b>	0	0	0	0	0	0	0	0					0	0	0
<b>Specimen Collection</b>	0	0	4	2	0	0	0	0					6	12	15
<b>Clinical Evaluation</b>	0	0	0	0	0	0	0	0					0	0	0
<b>Treatment services</b>	0	0	0	0	0	0	0	0					0	0	0

KANE COUNTY DEPARTMENT OF HEALTH  
 Communicable Disease Control Monthly Report  
 B. Sexually Transmitted Diseases (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 <sup>&amp;</sup>	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 TOTAL
<b>Sexually Transmitted Diseases</b>															
Chlamydia	210	223	210	206	178	158	162	41					1388	1558	2327
Gonorrhea	39	38	35	31	27	21	31	14					236	289	435
Syphilis (1°,2°,Latent)	2	2	2	2	1	1	0	0					10	13	23
Syphilis (Congenital)	0	0	0	0	0	0	0	0					0	0	0
Syphilis (Other)	4	2	8	6	0	1	6	0					27	17	43
Syphilis TOTAL	6	4	10	8	1	2	6	0					37	30	66

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

1b. DISEASE REPORTED	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 TOTAL*
<b>HIV / AIDS</b>															
HIV Infections													***	17	21
AIDS													***	8	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

2. STD/ HIV/AIDS 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	332	337	329	320	303	234	277	2502					4634	2166	3778
OOJs <sup>#</sup> and Transfers	80	73	76	79	94	54	84	625					1165	534	972
Non-Reportable	7	5	10	7	1	3	8	59					100	54	109
<b>Education</b>															
Provider	2	6	4	2	2	4	1	16					37	12	21
Public	1	0	0	0	0	0	0	2					3	2	3
Large Group	0	0	0	0	0	0	0	0					0	0	0
<b>Testing</b>	0	0	0	0	0	0	0	0					0	0	0
<b>Specimen Collection</b>	0	0	0	0	0	0	0	0					0	0	0
<b>Clinical Evaluation</b>	0	0	0	0	0	0	0	0					0	0	0
<b>Treatment Services</b>	0	0	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.

**2019**

	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	<b>2018-YTD</b>	2018 TOTAL
<b>DISEASE REPORTED</b>	2	4	0	2	1	3	0	0					12	<b>6</b>	10
<b>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	0	0					12	<b>6</b>	10
Non-Reportable	4	4	6	13	4	7	34	5					77	<b>43</b>	63
Transfers	1	0	0	0	0	0	0	0					1	<b>1</b>	2
<b>Education</b>															
Provider	11	24	40	51	60	42	32	42					302	<b>583</b>	1028
Public	45	46	72	68	72	55	62	44					464	<b>609</b>	1136
Large Group	1	1	1	1	2	0	1	2					9	<b>9</b>	12
<b>Testing</b>															
Skin Tests	10	4	12	7	10	14	14	0					71	<b>138</b>	191
Chest X-Rays	2	2	3	0	9	3	0	0					19	<b>25</b>	43
<b>Specimen Collection</b>	32	35	26	1	36	27	30	35					222	<b>267</b>	388
<b>Clinical Evaluation</b>	52	72	62	69	84	71	8	63					481	<b>846</b>	1381
<b>Treatment Services</b>	169	116	125	56	86	86	97	124					859	<b>1061</b>	1663

KANE COUNTY DEPARTMENT OF HEALTH  
 Communicable Disease Control Monthly Report  
 D. Immunization Services 2019

<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	143	65					1038	655	1355
Patients seen	57	60	34	69	47	210	73	29					579	261	662
<b>RESIDENCY</b>															
Aurora	28	33	19	39	30	137	29	19					334	111	328
Elgin/C'ville	9	6	3	5	5	3	2	0					33	43	59
Tri-Cities	0	3	3	2	1	8	2	2					21	26	52
Other	20	18	7	22	11	62	19	8					167	78	230
<b>AGE</b>															
0 - 18 Years	49	56	30	44	45	38	53	29					344	260	479
19 - 64 Years	4	4	3	23	2	156	16	0					208	3	167
> 64 Years	0	0	1	2	0	16	4	0					23	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	0	0					77	58	529

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

NEW ENROLLEE Lead Levels	J	F	M	A	M	J	J	A	S	O	N	D	2019	2018 YTD	2018 Total
<b>3 years to 6 Years</b>															
>/= 20 mcg/dl	0	0	0	0	0	0	0	0					0	3	3
10 – 19 mcg/dl.	0	0	0	1	1	0	1	2					5	4	5
5 – 9 mcg/dl.*	1	1	0	2	0	0	0	2					6		
<b>6 Months - 3 Years</b>															
>/=20 mcg/dl	0	0	0	0	1	0	0	1					2	6	8
10 - 19 mcg/dl	0	1	1	0	4	0	3	1					10	16	23
5 – 9 mcg/dl.*	1	0	1	1	2	2	1	3					11		
<b>Total</b>	2	2	2	4	8	2	5	9	0	0	0	0	34	29	39

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	58	55	54	56	54	59	58	72				
Southern County	55	55	52	51	52	57	58	58				
<b>Total</b>	113	110	106	107	106	116	116	130	0	0	0	0

	J	F	M	A	M	J	J	A	S	O	N	D	2019	2018 YTD	2018 Total
<b>Case Closures</b>	4	7	15	8	18	7	11	6					76	30	94

NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2019	2018 YTD	2018 Total
Initial Visit	2	2	2	4	8	2	5	9					34	29	39
Repeat Visit	3	10	1	9	9	0	10	19					61	70	101
<b>Total</b>	5	12	3	13	17	2	15	28	0	0	0	0	95	99	140

NURSE HOME VISITS ATTEMPTED NOT COMPLETED	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	A YTD	2018 Total
	4	4	1	9	9	1	3	11					42	49	70

EDUCATIONAL	J	F	M	A	M	J	J	A	S	O	N	D	2019	A YTD	2018 Total
Calls	50	86	91	113	113	104	137	94					788	528	927
Letters	56	82	125	69	96	104	117	46					695	430	763
Visits	9	23	9	28	16	11	23	27					146	186	233
Community Education	2	5	3	62	5	3	3	2,128					2211	2262	2317
<b>Total</b>	117	196	228	272	230	222	280	2295	0	0	0	0	3840	3406	4240

**Kane County Health Department**

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

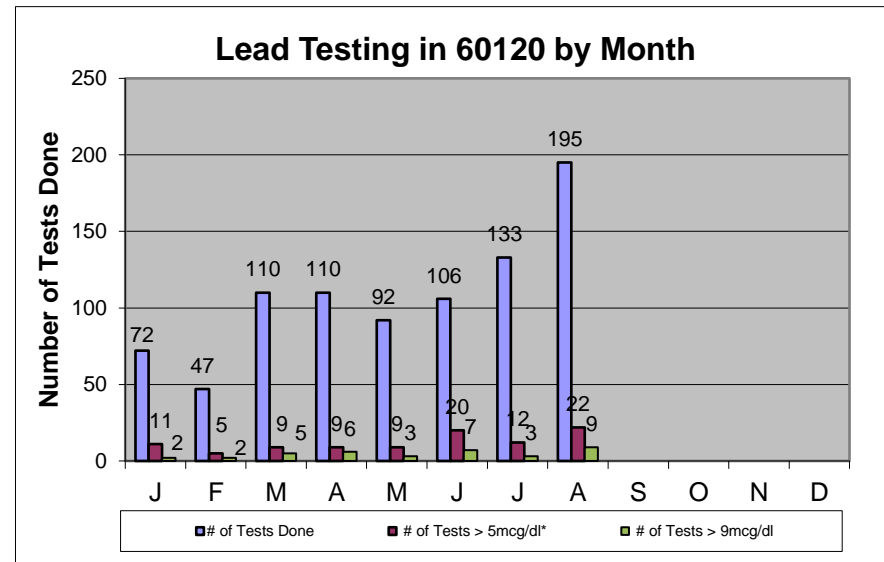
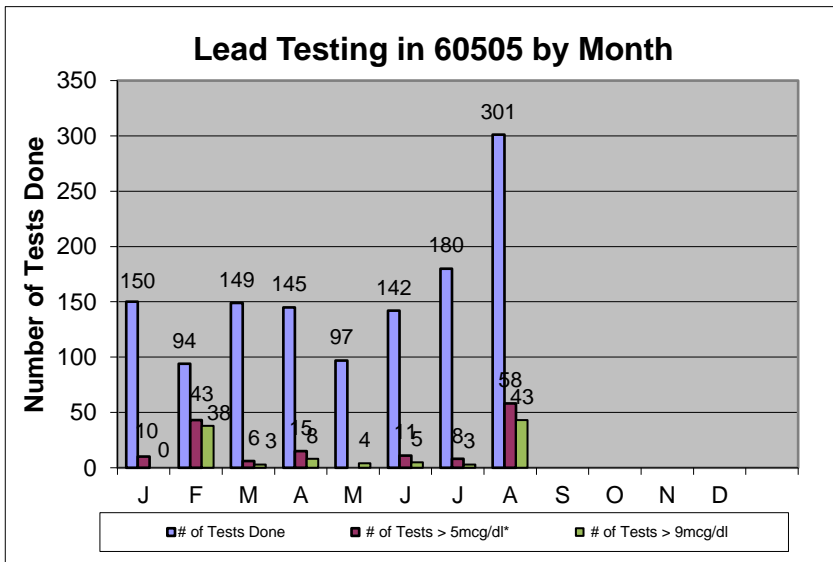
**Childhood Lead Prevention Program**

**Case Management**

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

<b>High Risk Zip Codes</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>60505</b>															
# of Tests Done	150	94	149	145	97	142	180	301					1258	1153	1765
# of Tests > 9mcg/dl	0	38	3	8	4	5	3	43					104	56	63
# of Tests > 5mcg/dl*	10	43	6	15		11	8	58							
<b>60120</b>															
# of Tests Done	72	47	110	110	92	106	133	195					865	783	1175
# of Tests > 9mcg/dl	2	2	5	6	3	7	3	9					37	23	38
# of Tests > 5mcg/dl*	11	5	9	9	9	20	12	22					97		
<b>All Zip Codes</b>															
Tests Done	581	273	629	631	465	623	734	1,146					5082	4115	6524
# of Tests > 9mcg/dl	4	50	16	23	14	14	13	63					197	121	170
Tests > 5mcg/dl*	36	66	29	44	33	40	32	105					385		

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





Kane County Health Department  
Childhood Lead Prevention Program  
Lead Testing Summary

