

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	0		0	1	1
Brucellosis	24 hour	0	0	0	0	0	1	0	1	0	0	0		2	1	1
Campylobacteriosis*	24 hour	4	0	4	8	5	5	10	15	5	7	3		66	92	97
Cryptosporidiosis	7 day	0	0	0	2	0	0	1	5	2	1	1		12	5	5
Cyclosporiasis	7 day	0	1	0	0	0	0	2	1	0	0	0		4	35	35
Dengue	7 day	0	0	0	0	0	0	0	0	0	1	1		2	0	0
Haemophilus Influenzae Invasive Disease	24 hour	0	1	0	1	2	1	0	0	2	0	0		0	6	7
Hepatitis A	24 hour	0	0	0	0	1	0	1	0	0	1	1		4	1	1
Hepatitis B Acute	7 day	0	1	1	0	0	0	0	0	0	0	0		2	0	0
Hepatitis B Chronic	7 day	4	0	0	2	2	3	4	0	0	3	2		20	26	28
Hepatitis C Virus Acute Infection	7 day	0	0	1	0	0	0	0	0	0	0	0		1	3	3
Hepatitis C Virus Chronic Infection	7 day	6	10	4	12	11	7	13	12	19	8	10		112	118	129
Histoplasmosis	7 day	1	1	0	0	2	0	0	0	0	0	0		4	2	2
Influenza with ICU Hospitalization	24 hour	4	7	27	13	6	1	0	0	1	2	1		62	76	77
Legionellosis - Legionnaires Disease	7 day	1	0	2	0	1	1	1	10	20	8	5		49	16	17
Legionellosis - Pontiac Fever	7 day	1	0	0	0	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	0		0	0	1
Lyme Disease	7 day	0	0	0	0	0	2	6	4	2	1	0		15	11	11
Malaria	7 day	0	0	0	0	1	0	0	0	0	0	0		1	5	5
Measles	24 hour	0	0	0	0	1	0	0	0	0	0	0		1	0	0
Mumps	24 hour	1	3	0	1	1	0	0	0	0	0	0		6	9	9
Pediatric Influenza Death	7 day	0	0	0	0	0	0	0	0	0	0	0		0	1	2
Pertussis	24 hour	0	1	1	2	0	1	3	4	4	0	0		16	18	18
Rabies, Potential Human Exposure	24 hour	2	0	1	4	7	1	4	6	8	1	3		37	38	40
Salmonellosis	7 day	4	2	3	9	7	3	8	7	13	3	6		65	54	56
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	1	0	1	0	2	0	0	0	0		4	5	3
Shiga toxin-producing E. coli- Shiga toxin positive, non-O157 serotype, not cultured or serotyped	24 hour	1	0	2	2	1	1	1	3	2	1	0		14	3	6
Shigellosis	7 day	0	0	1	0	2	0	1	0	5	0	0		9	7	7
Spotted Fever Rickettsioses	7 day	0	0	0	0	0	0	0	0	1	0	0		1	1	1
Streptococcal Disease Invasive Group A <sup>%</sup>	24 hour	0	2	3	0	1	0	2	0	1	1	0		10	8	12
Streptococcal Toxic Shock Syndrome <sup>%</sup>	24 hour	0	0	3	0	0	0	0	0	0	0	0		3	3	3
Streptococcus Pneumoniae - Drug Resistant Invasive Disease		0	0	0	0	1	0	0	0	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	0	0	0		2	0	0
Typhoid Fever	24 hour	1	0	0	1	0	0	0	0	0	0	0		2	0	0
Typhus Murine	24 hour	0	0	0	0	0	0	0	0	0	0	0		0	1	1
Varicella (Chickenpox)	24 hour	5	5	1	4	1	0	1	2	3	1	0		23	22	23
Vibriosis	7 day	0	0	0	0	0	0	1	0	1	2	0		4	2	2
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0		0	3	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0		0	4	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	1	0	0	1		5	8	9
Non-foodborne Clusters	4	6	5	0	2	0	1	0	0	0	0		18	33	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	55	62	54	27	60	70	84	28	33		543	583	617
Non-Reportable	42	24	43	39	43	34	45	48	56	36	34		444	519	549
Transfers	32	36	71	51	70	51	62	44	44	53	30		544	482	512
<b>Education</b>															
Provider	8	16	28	20	18	18	14	16	17	22	20		197	193	210
Public	5	6	9	10	11	14	14	6	24	4	4		107	92	101
Large Group	0	0	0	0	0	1	0	0	0	0	0		1	0	0
<b>Testing</b>	0	0	0	0	0	0	0	0	0	0	0		0	0	0
<b>Specimen Collection</b>	0	0	4	2	0	0	0	0	0	0	3		9	13	15
<b>Clinical Evaluation</b>	0	0	0	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		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	214	228	208	212	177	163	199	181	168	182	120		2052	2136	2327
Gonorrhea	39	38	34	31	26	22	32	47	24	37	27		357	406	435
Syphilis (1°,2°,Latent)	2	2	2	2	2	2	4	1	0	0	0		17	22	23
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0		0	0	0
Syphilis (Other)	4	2	8	6	1	0	2	1	1	2	1		28	24	43
Syphilis TOTAL	6	4	10	8	3	2	6	2	1	2	1		45	46	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	32
AIDS													***	8	8

\* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report, 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	335	341	328	326	303	244	302	286	187	246	147		3045	3500	3793
OOJs <sup>#</sup> and Transfers	80	73	76	79	94	53	84	66	38	27	0		670	909	987
Non-Reportable	7	5	10	7	2	2	6	2	2	4	3		50	89	96
<b>Education</b>															
Provider	2	6	4	2	2	4	1	4	1	2	1		29	21	21
Public	1	0	0	0	0	0	0	0	0	0	0		1	3	3
Large Group	0	0	0	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		0	0	0
<b>Specimen Collection</b>	0	0	0	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		0	0	0
<b>Treatment Services</b>	0	0	0	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.

	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	0	0	2	1	0		15	9	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	0	0	2	1	0		15	9	10
Non-Reportable	4	4	6	13	4	7	34	5	8	6	6		97	62	63
Transfers	1	0	0	0	0	0	0	0	0	0	0		1	2	2
<b>Education</b>															
Provider	11	24	40	51	60	42	32	42	51	32	5		390	899	1028
Public	45	46	72	68	72	55	62	44	66	38	25		593	995	1136
Large Group	1	1	1	1	2	0	1	2	0	0	0		9	12	12
<b>Testing</b>															
Skin Tests	10	4	12	7	10	14	14	0	0	0	1		72	175	191
Chest X-Rays	2	2	3	0	9	3	0	0	3	0	1		23	41	43
<b>Specimen Collection</b>	32	35	26	1	36	27	30	35	29	22	14		287	365	388
<b>Clinical Evaluation</b>	52	72	62	69	84	71	8	63	63	50	36		630	1281	1381
<b>Treatment Services</b>	169	116	125	56	86	86	97	124	121	139	114		1233	1554	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	143	65	101	432	137		1708	1214	1355
Patients seen	57	60	34	69	47	210	73	29	45	281	75		980	590	662
<b>RESIDENCY</b>															
Aurora	28	33	19	39	30	137	29	19	29	46	23		432	291	328
Elgin/C'ville	9	6	3	5	5	3	2	0	2	8	0		43	55	59
Tri-Cities	0	3	3	2	1	8	2	2	0	6	0		27	44	52
Other	20	18	7	22	11	62	19	8	13	29	7		216	207	230
<b>AGE</b>															
0 - 18 Years	49	56	30	44	45	38	53	29	45	88	58		535	439	479
19 - 64 Years	4	4	3	23	2	156	16	0	0	0	18		226	136	167
> 64 Years	0	0	1	2	0	16	4	0	0	0	0		23	18	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	0	421	59		557	509	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	0	2	1	0		3	3	3
10 – 19 mcg/dl.	0	0	0	1	1	0	1	2	0	0	0		5	5	5
5 – 9 mcg/dl.*	1	1	0	2	0	0	0	2	0	2	1		9		
<b>6 Months - 3 Years</b>															
>=20 mcg/dl	0	0	0	0	1	0	0	1	1	0	1		4	8	8
10 - 19 mcg/dl	0	1	1	0	4	0	3	1	1	0	0		11	20	23
5 – 9 mcg/dl.*	1	0	1	1	2	2	1	3	4	2	2		19		
<b>Total</b>	2	2	2	4	8	2	5	9	8	5	4	0	51	36	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	58	72	72	79	57	
Southern County	55	55	52	51	52	57	58	58	63	70	78	
<b>Total</b>	113	110	106	107	106	116	116	130	135	149	135	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	11	6	34	1	0		111	78	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	5	9	8	5	4		51	36	39
Repeat Visit	3	10	1	9	9	0	10	19	8	9	3		81	97	101
<b>Total</b>	5	12	3	13	17	2	15	28	16	14	7	0	132	133	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	3	11	8	1	10		61	68	70

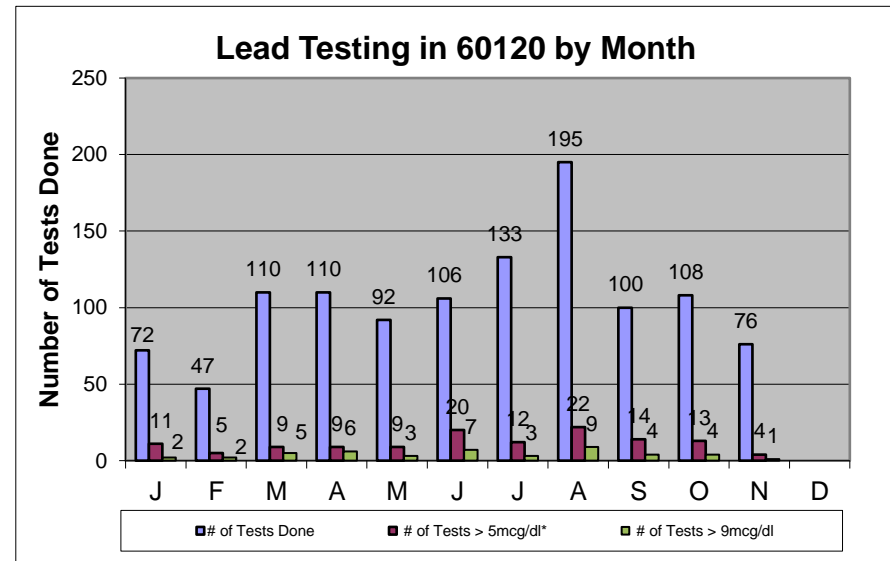
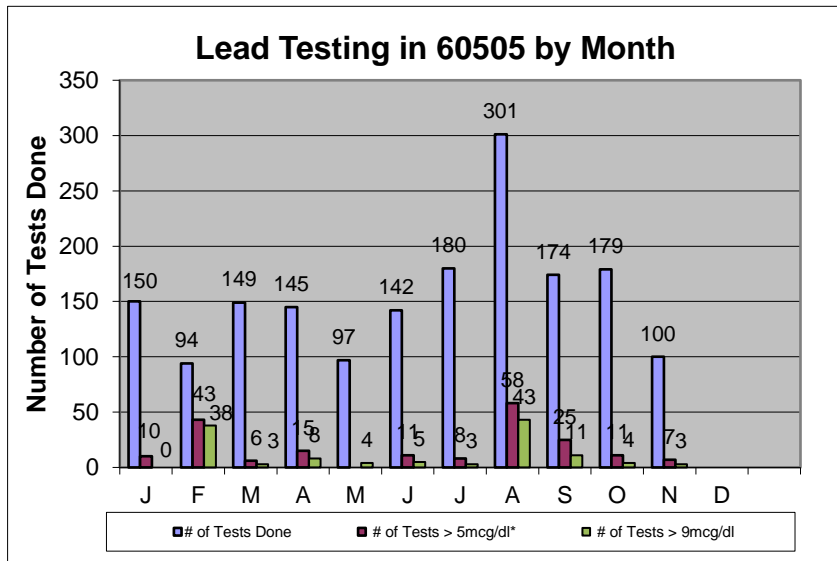
<b>EDUCATIONAL</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2019</b>	<b>2018 YTD</b>	<b>2018 Total</b>
Calls	50	86	91	113	113	104	137	94	124	89	68		1069	844	927
Letters	56	82	125	69	96	104	117	46	212	89	65		1061	699	763
Visits	9	23	9	28	16	11	23	27	24	7	12		189	224	233
Community Education	2	5	3	62	5	3	3	2,128	4	49	2		2266	2316	2317
<b>Total</b>	117	196	228	272	230	222	280	2295	364	234	147	0	4585	4083	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	180	301	174	179	100		<b>1711</b>	<b>1670</b>	<b>1765</b>
# of Tests > 9mcg/dl	0	38	3	8	4	5	3	43	11	4	3		<b>122</b>	<b>62</b>	<b>63</b>
# of Tests > 5mcg/dl*	10	43	6	15		11	8	58	25	11	7				
<b>60120</b>															
# of Tests Done	72	47	110	110	92	106	133	195	100	108	76		<b>1149</b>	<b>1116</b>	<b>1175</b>
# of Tests > 9mcg/dl	2	2	5	6	3	7	3	9	4	4	1		<b>46</b>	<b>37</b>	<b>38</b>
# of Tests > 5mcg/dl*	11	5	9	9	9	20	12	22	14	13	4		<b>128</b>		
<b>All Zip Codes</b>															
Tests Done	581	273	629	631	465	623	734	1,146	675	655	483		<b>6895</b>	<b>6138</b>	<b>6524</b>
# of Tests > 9mcg/dl	4	50	16	23	14	14	13	63	22	14	11		<b>244</b>	<b>165</b>	<b>170</b>
Tests > 5mcg/dl*	36	66	29	44	33	40	32	105	67	41	32		<b>525</b>		

\* 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

