

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^{1,2}

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	1
Brucellosis	24 hour	0	0	0	0	0	1	0						1	1	1
Campylobacteriosis*	24 hour	4	0	4	8	5	5	10						36	57	97
Cryptosporidiosis	7 day	0	0	0	2	0	0	1						3	2	5
Cyclosporiasis	7 day	0	1	0	0	0	0	2						3	20	35
Haemophilus Influenzae Invasive Disease	24 hour	0	1	0	1	2	1	0						5	4	7
Hepatitis A	24 hour	0	0	0	0	1	0	1						2	1	1
Hepatitis B Acute	7 day	0	1	1	0	0	0	0						2	0	0
Hepatitis B Chronic	7 day	4	0	0	2	2	3	2						13	16	28
Hepatitis C Virus Acute Infection	7 day	0	0	1	0	0	0	0						1	2	3
Hepatitis C Virus Chronic Infection	7 day	6	10	4	12	11	7	12						62	74	129
Histoplasmosis	7 day	1	1	0	0	2	0	0						4	1	2
Influenza with ICU Hospitalization	24 hour	4	7	27	13	6	1	0						58	73	77
Legionellosis - Legionnaires Disease	7 day	1	0	2	0	1	1	1						6	6	17
Legionellosis - Pontiac Fever	7 day	1	0	0	0	0	0	0						1	0	0
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0						0	0	1
Lyme Disease	7 day	0	0	0	0	0	2	5						7	4	11
Malaria	7 day	0	0	0	0	1	0	0						1	1	5
Measles	24 hour	0	0	0	0	1	0	0						1	0	0
Mumps	24 hour	1	3	0	1	1	0	0						6	5	9
Pediatric Influenza Death	7 day	0	0	0	0	0	0	0						0	1	2
Pertussis	24 hour	0	1	1	2	0	1	3						8	13	18
Rabies, Potential Human Exposure	24 hour	2	0	1	4	7	1	4						19	11	40
Salmonellosis	7 day	4	2	3	9	7	3	8						36	31	56
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	1	0	1	0	2						4	2	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						7	1	6
Shigellosis	7 day	0	0	1	0	2	0	1						4	5	7
Spotted Fever Rickettsioses	7 day	0	0	0	0	0	0	0						0	1	1
Streptococcal Disease Invasive Group A [%]	24 hour	0	2	3	0	1	0	2						8	8	12
Streptococcal Toxic Shock Syndrome [%]	24 hour	0	0	3	0	0	0	0						3	3	3
Streptococcus Pneumoniae - Drug Resistant Invasive Disease		0	0	0	0	1	0	0						1	0	0
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	1	0	0	1	0	0	0						2	0	0
Typhoid Fever	24 hour	1	0	0	1	0	0	0						2	0	0
Typhus Murine	24 hour	0	0	0	0	0	0	0						0	0	1
Varicella (Chickenpox)	24 hour	5	5	1	4	1	0	0						16	13	23
Vibriosis	7 day	0	0	0	0	0	0	1						1	0	2
West Nile Virus Neuroinvasive Disease	7 day	0	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	0	4

¹ Includes confirmed and probable cases

* Newly reportable effective January 1, 2016

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

² 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							3	4	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
Disease Investigation															
Reportable	36	34	55	62	54	27	55						323	359	617
Non-Reportable	42	24	43	39	40	30	43						261	356	549
Transfers	32	36	71	51	70	49	61						370	297	512
Education															
Provider	8	16	28	20	18	18	14						122	123	210
Public	5	6	9	10	11	14	14						69	51	101
Large Group	0	0	0	0	0	1	0						1	0	0
Testing	0	0	0	0	0	0	0						0	0	0
Specimen Collection	0	0	4	2	0	0	0						6	12	15
Clinical Evaluation	0	0	0	0	0	0	0						0	0	0
Treatment services	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.

1a. DISEASE REPORTED^{&}	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 TOTAL
Sexually Transmitted Diseases															
Chlamydia	210	223	210	206	178	158	162						1347	1356	2327
Gonorrhea	39	38	35	31	27	21	31						222	251	435
Syphilis (1°,2°,Latent)	2	2	2	2	1	1	0						10	12	23
Syphilis (Congenital)	0	0	0	0	0	0	0						0	0	0
Syphilis (Other)	4	2	8	6	0	1	6						27	16	43
Syphilis TOTAL	6	4	10	8	1	2	6						37	28	66

[&] 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*
HIV / AIDS															
HIV Infections													***	13	21
AIDS													***	7	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
Disease Investigation															
Reportable	332	337	329	320	303	234	277						2132	2166	3793
OOJs [#] and Transfers	80	73	76	79	94	54	84						540	534	987
Non-Reportable	7	5	10	7	1	3	8						41	54	96
Education															
Provider	2	6	4	2	2	4	1						21	12	21
Public	1	0	0	0	0	0	0						1	2	3
Large Group	0	0	0	0	0	0	0						0	0	0
Testing	0	0	0	0	0	0	0						0	0	0
Specimen Collection	0	0	0	0	0	0	0						0	0	0
Clinical Evaluation	0	0	0	0	0	0	0						0	0	0
Treatment Services	0	0	0	0	0	0	0						0	0	0

[#] 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
1. DISEASE REPORTED	2	4	0	2	1	3	0						12	4	10
2. TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 TOTAL
Disease Investigation															
Reportable	3	3	0	2	1	3	0						12	4	10
Non-Reportable	4	4	6	13	4	7	34						72	38	63
Transfers	1	0	0	0	0	0	0						1	0	2
Education															
Provider	11	24	40	51	60	42	32						260	501	1028
Public	45	46	72	68	72	55	62						420	484	1136
Large Group	1	1	1	1	2	0	1						7	8	12
Testing															
Skin Tests	10	4	12	7	10	14	14						71	118	191
Chest X-Rays	2	2	3	0	9	3	0						19	22	43
Specimen Collection	32	35	26	1	36	27	30						187	222	388
Clinical Evaluation	52	72	62	69	84	71	8						418	699	1381
Treatment Services	169	116	125	56	86	86	97						735	868	1663

KANE COUNTY DEPARTMENT OF HEALTH
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 D. Immunization Services

VACCINES (Excludes Influenza)	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 TOTAL
Shots given	114	143	77	131	106	259	143						973	416	1355
Patients seen	57	60	34	69	47	210	73						550	168	662
RESIDENCY															
Aurora	28	33	19	39	30	137	29						315	72	328
Elgin/C'ville	9	6	3	5	5	3	2						33	32	59
Tri-Cities	0	3	3	2	1	8	2						19	18	52
Other	20	18	7	22	11	62	19						159	43	230
AGE															
0 - 18 Years	49	56	30	44	45	38	53						315	167	479
19 - 64 Years	4	4	3	23	2	156	16						208	3	167
> 64 Years	0	0	1	2	0	16	4						23	1	19

Influenza Vaccine Only	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 TOTAL
Shots given	30	29	7	3	8	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
3 years to 6 Years															
>/= 20 mcg/dl	0	0	0	0	0	0	0						0	2	3
10 – 19 mcg/dl.	0	0	0	1	1	0	1						3	3	5
5 – 9 mcg/dl.*	1	1	0	2	0	0	0						4		
6 Months - 3 Years															
>/=20 mcg/dl	0	0	0	0	1	0	0						1	4	8
10 - 19 mcg/dl	0	1	1	0	4	0	3						9	12	23
5 – 9 mcg/dl.*	1	0	1	1	2	2	1						8		
Total	2	2	2	4	8	2	5	0	0	0	0	0	25	21	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					
Southern County	55	55	52	51	52	57	58					
Total	113	110	106	107	106	116	116	0	0	0	0	0

	J	F	M	A	M	J	J	A	S	O	N	D	2019	2018 YTD	2018 Total
Case Closures	4	7	15	8	18	7	11						70	17	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						25	21	39
Repeat Visit	3	10	1	9	9	0	10						42	56	101
Total	5	12	3	13	17	2	15	0	0	0	0	0	67	77	140

NURSE HOME VISITS ATTEMPTED NOT COMPLETED	J	F	M	A	M	J	J	A	S	O	N	D	2019 YTD	2018 YTD	2018 Total
	4	4	1	9	9	1	3						31	41	70

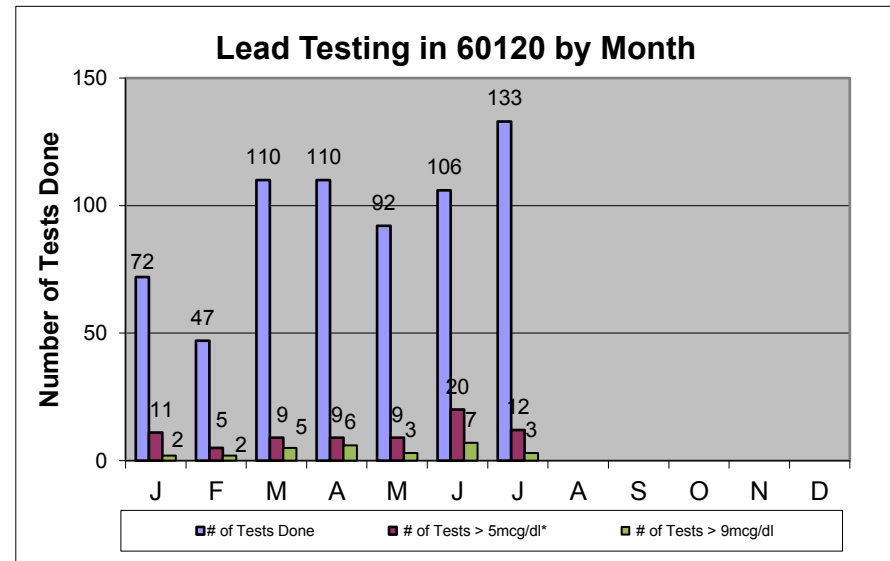
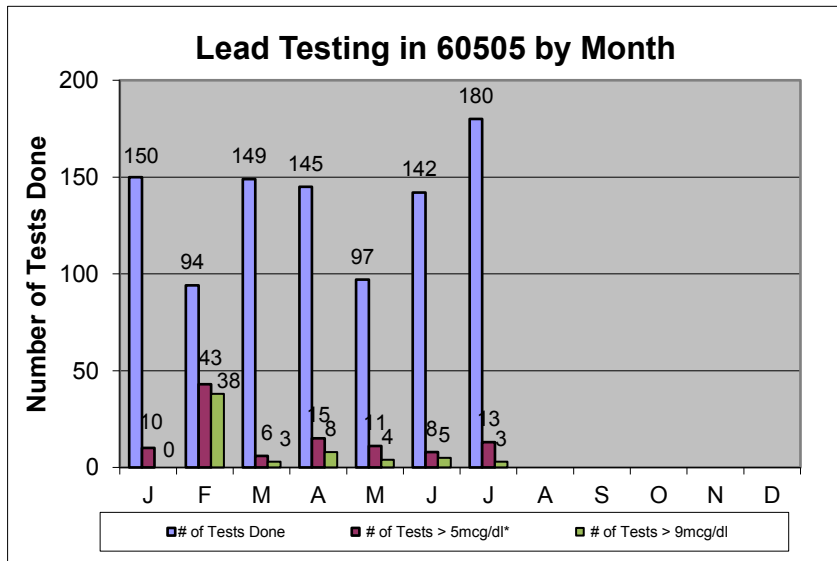
EDUCATIONAL	J	F	M	A	M	J	J	A	S	O	N	D	2019	2018 YTD	2018 Total
Calls	50	86	91	113	113	104	137						694	435	927
Letters	56	82	125	69	96	104	117						649	361	763
Visits	9	23	9	28	16	11	23						119	165	233
Community Education	2	5	3	62	5	3	3						83	200	2317
Total	117	196	228	272	230	222	280	0	0	0	0	0	1545	1161	4240

* Effective 7/1/19, the "blood lead level of concern" is ≥ 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
60505															
# of Tests Done	150	94	149	145	97	142	180						957	789	1765
# of Tests > 9mcg/dl	0	38	3	8	4	5	3						61	21	63
# of Tests > 5mcg/dl*	10	43	6	15	11	8	13						106		
60120															
# of Tests Done	72	47	110	110	92	106	133						670	584	1175
# of Tests > 9mcg/dl	2	2	5	6	3	7	3						28	14	38
# of Tests > 5mcg/dl*	11	5	9	9	9	20	12						75		
All Zip Codes															
Tests Done	581	273	629	631	465	623	734						3936	2808	6524
# of Tests > 9mcg/dl	4	50	16	23	14	14	13						134	67	170
Tests > 5mcg/dl*	36	66	29	44	33	40	32						280		

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



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

