

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				0	1	1
Brucellosis	24 hour	0	0	0	0	0	1	0	1	0				2	1	1
Campylobacteriosis*	24 hour	4	0	4	8	5	5	10	15	4				55	76	97
Cryptosporidiosis	7 day	0	0	0	2	0	0	1	5	2				10	3	5
Cyclosporiasis	7 day	0	1	0	0	0	0	2	1	0				4	34	35
Haemophilus Influenzae Invasive Disease	24 hour	0	1	0	1	2	1	0	0	2				7	6	7
Hepatitis A	24 hour	0	0	0	0	1	0	1	0	0				2	1	1
Hepatitis B Acute	7 day	0	1	1	0	0	0	0	0	0				2	0	0
Hepatitis B Chronic	7 day	4	0	0	2	2	3	4	0	1				16	19	28
Hepatitis C Virus Acute Infection	7 day	0	0	1	0	0	0	0	0	0				1	2	3
Hepatitis C Virus Chronic Infection	7 day	6	10	4	12	11	7	12	12	19				93	96	129
Histoplasmosis	7 day	1	1	0	0	2	0	0	0	0				4	1	2
Influenza with ICU Hospitalization	24 hour	4	7	27	13	6	1	0	0	1				59	73	77
Legionellosis - Legionnaires Disease	7 day	1	0	2	0	1	1	1	10	19				35	11	17
Legionellosis - Pontiac Fever	7 day	1	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	1
Lyme Disease	7 day	0	0	0	0	0	2	6	4	2				14	11	11
Malaria	7 day	0	0	0	0	1	0	0	0	0				1	4	5
Measles	24 hour	0	0	0	0	1	0	0	0	0				1	0	0
Mumps	24 hour	1	3	0	1	1	0	0	0	0				6	9	9
Pediatric Influenza Death	7 day	0	0	0	0	0	0	0	0	0				0	1	2
Pertussis	24 hour	0	1	1	2	0	1	3	4	4				16	17	18
Rabies, Potential Human Exposure	24 hour	2	0	1	4	7	1	4	6	6				31	28	40
Salmonellosis	7 day	4	2	3	9	7	3	8	7	13				56	49	56
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	1	0	1	0	2	0	0				4	4	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	1				12	3	6
Shigellosis	7 day	0	0	1	0	2	0	1	0	5				9	5	7
Spotted Fever Rickettsioses	7 day	0	0	0	0	0	0	0	0	1				1	1	1
Streptococcal Disease Invasive Group A [%]	24 hour	0	2	3	0	1	0	2	0	1				9	8	12
Streptococcal Toxic Shock Syndrome [%]	24 hour	0	0	3	0	0	0	0	0	0				3	3	3
Streptococcus Pneumoniae - Drug Resistant Invasive Disease		0	0	0	0	1	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				2	0	0
Typhoid Fever	24 hour	1	0	0	1	0	0	0	0	0				2	0	0
Typhus Murine	24 hour	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				22	17	23
Vibriosis	7 day	0	0	0	0	0	0	1	0	0				1	1	2
West Nile Virus Neuroinvasive Disease	7 day	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	3	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	0	1					4	6	9
Non-foodborne Clusters	4	6	5	0	2	0	1	0					18	31	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	60	70	84				482	497	617
Non-Reportable	42	24	43	39	43	34	45	48	56				374	461	549
Transfers	32	36	71	51	70	51	62	44	44				461	409	512
Education															
Provider	8	16	28	20	18	18	14	16	17				155	155	210
Public	5	6	9	10	11	14	14	6	24				99	75	101
Large Group	0	0	0	0	0	1	0	0	0				1	0	0
Testing	0	0	0	0	0	0	0	0	0				0	0	0
Specimen Collection	0	0	4	2	0	0	0	0	0				6	12	15
Clinical Evaluation	0	0	0	0	0	0	0	0	0				0	0	0
Treatment services	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.

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	213	224	209	212	177	166	184	176	131				1692	1754	2327
Gonorrhea	39	38	35	31	27	22	30	44	18				284	322	435
Syphilis (1°,2°,Latent)	2	2	2	2	2	2	4	0	0				16	13	23
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0				0	0	0
Syphilis (Other)	4	2	8	6	1	0	2	1	0				24	20	43
Syphilis TOTAL	6	4	10	8	3	2	6	1	0				40	33	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													***	21	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
Disease Investigation															
Reportable	335	338	328	326	303	244	302	286	187				2649	2830	3793
OOJs [#] and Transfers	80	73	76	79	94	54	84	66	38				644	720	987
Non-Reportable	7	5	10	7	2	2	6	2	0				41	75	96
Education															
Provider	2	6	4	2	2	4	1	4	1				26	20	21
Public	1	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
Testing	0	0	0	0	0	0	0	0	0				0	0	0
Specimen Collection	0	0	0	0	0	0	0	0	0				0	0	0
Clinical Evaluation	0	0	0	0	0	0	0	0	0				0	0	0
Treatment Services	0	0	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	0	2				14	8	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	0	2				14	8	10
Non-Reportable	4	4	6	13	4	7	34	5	8				85	46	63
Transfers	1	0	0	0	0	0	0	0	0				1	1	2
Education															
Provider	11	24	40	51	60	42	32	42	51				353	662	1028
Public	45	46	72	68	72	55	62	44	66				530	715	1136
Large Group	1	1	1	1	2	0	1	2	0				9	10	12
Testing															
Skin Tests	10	4	12	7	10	14	14	0	0				71	153	191
Chest X-Rays	2	2	3	0	9	3	0	0	3				22	27	43
Specimen Collection	32	35	26	1	36	27	30	35	29				251	299	388
Clinical Evaluation	52	72	62	69	84	71	8	63	63				544	978	1381
Treatment Services	169	116	125	56	86	86	97	124	121				980	1218	1663

KANE COUNTY DEPARTMENT OF HEALTH
 Communicable Disease Control Monthly Report
 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	65	101				1139	761	1355
Patients seen	57	60	34	69	47	210	73	29	45				624	307	662
RESIDENCY															
Aurora	28	33	19	39	30	137	29	19	29				334	133	328
Elgin/C'ville	9	6	3	5	5	3	2	0	2				35	46	59
Tri-Cities	0	3	3	2	1	8	2	2	0				21	31	52
Other	20	18	7	22	11	62	19	8	13				180	94	230
AGE															
0 - 18 Years	49	56	30	44	45	38	53	29	45				389	305	479
19 - 64 Years	4	4	3	23	2	156	16	0	0				208	4	167
> 64 Years	0	0	1	2	0	16	4	0	0				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	0	0				77	96	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				2	3	3
10 – 19 mcg/dl.	0	0	0	1	1	0	1	2	0				5	4	5
5 – 9 mcg/dl.*	1	1	0	2	0	0	0	2	0				6		
6 Months - 3 Years															
>/=20 mcg/dl	0	0	0	0	1	0	0	1	1				3	7	8
10 - 19 mcg/dl	0	1	1	0	4	0	3	1	1				11	17	23
5 – 9 mcg/dl.*	1	0	1	1	2	2	1	3	4				15		
Total	2	2	2	4	8	2	5	9	8	0	0	0	42	31	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	72			
Southern County	55	55	52	51	52	57	58	58	63			
Total	113	110	106	107	106	116	116	130	135	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	6	34				110	46	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	8				42	31	39
Repeat Visit	3	10	1	9	9	0	10	19	8				69	81	101
Total	5	12	3	13	17	2	15	28	16	0	0	0	111	112	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	11	8				50	54	70

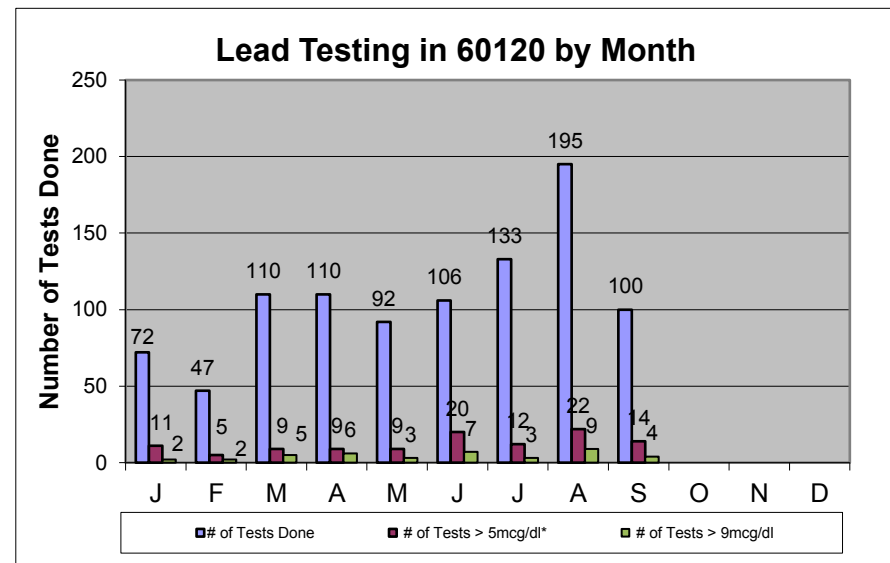
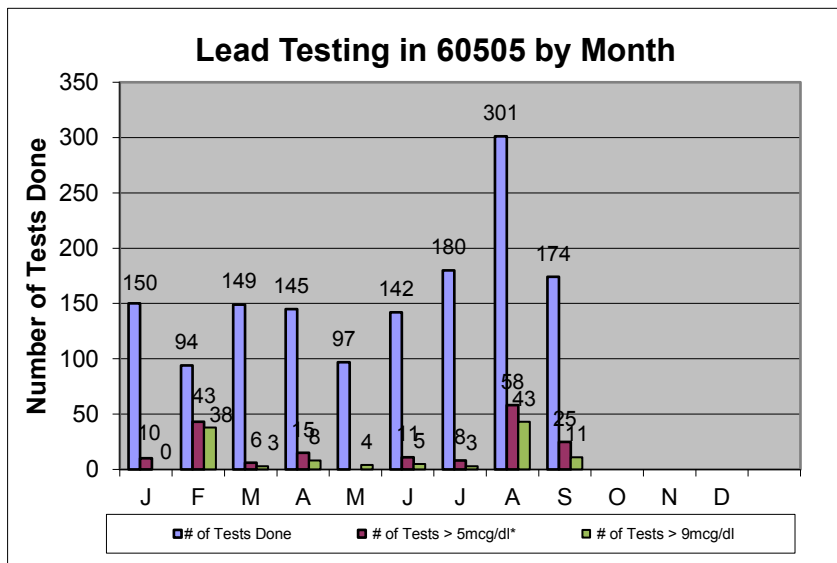
EDUCATIONAL	J	F	M	A	M	J	J	A	S	O	N	D	2019	2018 YTD	2018 Total
Calls	50	86	91	113	113	104	137	94	124				912	647	927
Letters	56	82	125	69	96	104	117	46	212				907	523	763
Visits	9	23	9	28	16	11	23	27	24				170	197	233
Community Education	2	5	3	62	5	3	3	2,128	4				2215	2266	2317
Total	117	196	228	272	230	222	280	2295	364	0	0	0	4204	3633	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	301	174				1432	1313	1765
# of Tests > 9mcg/dl	0	38	3	8	4	5	3	43	11				115	58	63
# of Tests > 5mcg/dl*	10	43	6	15		11	8	58	25						
60120															
# of Tests Done	72	47	110	110	92	106	133	195	100				965	878	1175
# of Tests > 9mcg/dl	2	2	5	6	3	7	3	9	4				41	26	38
# of Tests > 5mcg/dl*	11	5	9	9	9	20	12	22	14				111		
All Zip Codes															
Tests Done	581	273	629	631	465	623	734	1,146	675				5757	4774	6524
# of Tests > 9mcg/dl	4	50	16	23	14	14	13	63	22				219	136	170
Tests > 5mcg/dl*	36	66	29	44	33	40	32	105	67				452		

* 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**

