

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	1
Brucellosis	24 hour	0	0	0	0	0								0	0	1
Campylobacteriosis*	24 hour	4	0	4	8	4								20	36	94
Cryptosporidiosis	7 day	0	0	0	2	0								2	1	5
Cyclosporiasis	7 day	0	1	0	0	0								1	0	35
Haemophilus Influenzae Invasive Disease	24 hour	0	1	0	1	2								4	4	7
Hepatitis A	24 hour	0	0	0	0	0								0	1	1
Hepatitis B Acute	7 day	0	1	1	0	0								2	0	0
Hepatitis B Chronic	7 day	4	0	0	2	1								7	12	28
Hepatitis C Virus Acute Infection	7 day	0	0	1	0	0								1	2	3
Hepatitis C Virus Chronic Infection	7 day	6	10	5	12	8								41	57	127
Histoplasmosis	7 day	1	1	0	0	0								2	1	2
Influenza with ICU Hospitalization	24 hour	4	7	27	13	6								57	72	77
Legionellosis - Legionnaires Disease	7 day	1	0	2	0	0								3	1	17
Legionellosis - Pontiac Fever	7 day	1	0	0	0	0								1	0	0
Listeria Invasive Disease	7 day	0	0	0	0	0								0	0	1
Lyme Disease	7 day	0	0	0	0	0								0	1	11
Malaria	7 day	0	0	0	0	0								0	0	5
Measles	24 hour	0	0	0	0	1								1	0	0
Mumps	24 hour	1	3	0	1	1								6	2	9
Pediatric Influenza Death	7 day	0	0	0	0	0								0	1	2
Pertussis	24 hour	0	1	1	2	0								4	10	18
Rabies, Potential Human Exposure	24 hour	2	0	1	4	0								7	10	40
Salmonellosis	7 day	4	2	3	9	7								25	17	56
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	1	0	1								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								6	1	6
Shigellosis	7 day	0	0	1	0	2								3	5	7
Spotted Fever Rickettsioses	7 day	0	0	0	0	0								0	1	1
Streptococcal Disease Invasive Group A [%]	24 hour	0	2	3	0	0								5	6	12
Streptococcal Toxic Shock Syndrome [%]	24 hour	0	0	3	0	0								3	1	3
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	1	0	0	1	0								2	0	0
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0	0	0								0	0	0
Typhoid Fever	24 hour	1	0	0	0	0								1	0	0
Typhus Murine	24 hour	0	0	0	0	0								0	0	1
Varicella (Chickenpox)	24 hour	5	5	1	4	1								16	10	23
Vibriosis	7 day	0	0	0	0	0								0	0	2
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0								0	0	3
West Nile Virus Non-Neuroinvasive Disease	7 day	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	0								2	2	9
Non-foodborne Clusters	4	6	5	0	2								17	29	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	56	61	34								221	251	613
Non-Reportable	42	24	43	39	29								177	276	549
Transfers	32	36	71	51	63								253	202	512
Education															
Provider	8	16	28	20	17								89	96	210
Public	5	6	9	10	0								30	30	101
Large Group	0	0	0	0	0								0	0	0
Testing	0	0	0	0	0								0	0	0
Specimen Collection	0	0	4	2	0								6	12	15
Clinical Evaluation	0	0	0	0	0								0	0	0
Treatment services	0	0	0	0	0								0	0	0

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 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	228	208	199	116								961	963	2327
Gonorrhea	39	38	34	28	22								161	181	435
Syphilis (1°,2°,Latent)	2	2	1	0	0								5	11	23
Syphilis (Congenital)	0	0	0	0	0								0	0	0
Syphilis (Other)	4	2	9	8	0								23	17	43
Syphilis TOTAL	6	4	10	8	0								28	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													***	***	21
AIDS													***	***	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	331	341	319	306	231								1528	1564	3682
OOJs [#] and Transfers	80	73	76	79	93								401	398	972
Non-Reportable	7	5	11	9	1								33	44	109
Education															
Provider	2	6	4	2	2								16	7	21
Public	1	0	0	0	0								1	1	3
Large Group	0	0	0	0	0								0	0	0
Testing	0	0	0	0	0								0	0	0
Specimen Collection	0	0	0	0	0								0	0	0
Clinical Evaluation	0	0	0	0	0								0	0	0
Treatment Services	0	0	0	0	0								0	0	0

[#] OOJ = Out of jurisdiction reportable STD cases that KCHD completed surveillance and intervention activities.

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 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								9	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								9	4	10
Non-Reportable	4	4	6	13	4								31	28	63
Transfers	1	0	0	0	0								1	0	2
Education															
Provider	11	24	40	51	60								186	358	1028
Public	45	46	72	68	72								303	328	1136
Large Group	1	1	1	1	2								6	3	12
Testing															
Skin Tests	10	4	12	7	10								43	49	191
Chest X-Rays	2	2	3	0	9								16	15	43
Specimen Collection	32	35	26	1	36								130	160	388
Clinical Evaluation	52	72	62	69	84								339	522	1381
Treatment Services	169	116	125	56	86								552	675	1663

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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								571	276	1355
Patients seen	57	60	34	69	47								267	112	662
RESIDENCY															
Aurora	28	33	19	39	30								149	50	328
Elgin/C'ville	9	6	3	5	5								28	20	59
Tri-Cities	0	3	3	2	1								9	10	52
Other	20	18	7	22	11								78	29	230
AGE															
0 - 18 Years	49	56	30	44	45								224	111	479
19 - 64 Years	4	4	3	23	2								36	3	167
> 64 Years	0	0	1	2	0								3	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								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	1	3
10 – 19 mcg/dl.	0	0	0	1	1								2	2	5
5 – 9 mcg/dl.*	1	1	0	2	0								4		
6 Months - 3 Years															
>/=20 mcg/dl	0	0	0	0	1								1	2	8
10 - 19 mcg/dl	0	1	1	0	4								6	8	23
5 – 9 mcg/dl.*	1	0	1	1	2								5		
Total	2	2	2	4	8	0	0	0	0	0	0	0	18	13	39

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	58	55	54	56	54							
Southern County	55	55	52	51	52							
Total	113	110	106	107	106	0	0	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								52	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								18	13	39
Repeat Visit	3	10	1	9	9								32	45	101
Total	5	12	3	13	17	0	0	0	0	0	0	0	50	35	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								27	28	70

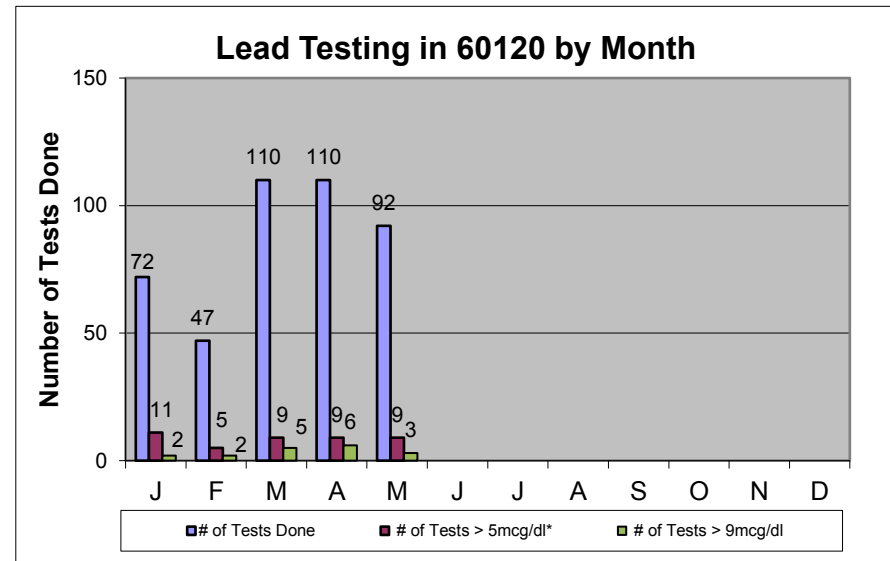
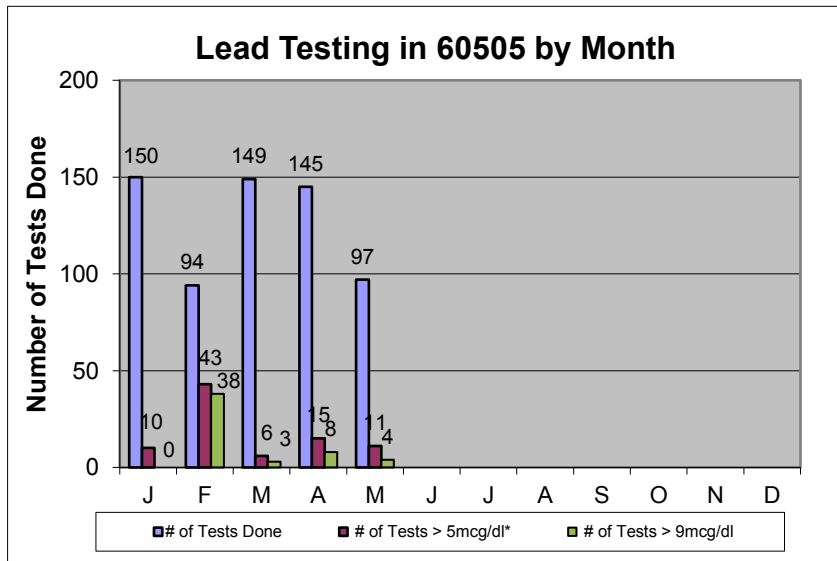
EDUCATIONAL	J	F	M	A	M	J	J	A	S	O	N	D	2019	2018 YTD	2018 Total
Calls	50	86	91	113	113								453	291	927
Letters	56	82	125	69	96								428	278	763
Visits	9	23	9	28	16								85	128	233
Community Education	2	5	3	62	5								77	17	2317
Total	117	196	228	272	230	0	0	0	0	0	0	0	1043	714	4240

* 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								635	596	1765
# of Tests > 9mcg/dl	0	38	3	8	4								53	12	63
# of Tests > 5mcg/dl*	10	43	6	15	11								85		
60120															
# of Tests Done	72	47	110	110	92								431	435	1175
# of Tests > 9mcg/dl	2	2	5	6	3								18	10	38
# of Tests > 5mcg/dl*	11	5	9	9	9								43		
All Zip Codes															
Tests Done	581	273	629	631	465								2579	1983	6524
# of Tests > 9mcg/dl	4	50	16	23	14								107	49	170
Tests > 5mcg/dl*	36	66	29	44	33								208		

* 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**

