

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	2016												2018 YTD	2017 YTD	2017 Total
		J	F	M	A	M	J	J	A	S	O	N	D			
Anaplasma phagocytophilum (formerly HGA)	7 day	0	0	0										0	0	1
Campylobacteriosis*	24 hour	1	2	6										9	11	52
Creutzfeldt-Jakob Disease (CJD)	7 day	1	0	0										1	1	1
Cryptosporidiosis	7 day	0	1	0										1	1	7
Haemophilus Influenzae Invasive Disease	24 hour	1	0	0										1	5	6
Hepatitis A	24 hour	1	0	0										1	0	4
Hepatitis B Acute	7 day	0	0	0										0	1	1
Hepatitis B Chronic	7 day	7	1	2										10	15	38
Hepatitis C Virus Acute Infection	7 day	0	0	1										1	1	1
Hepatitis C Virus Chronic Infection	7 day	11	5	5										21	47	149
Histoplasmosis	7 day	0	0	0										0	2	5
Influenza with ICU Hospitalization	24 hour	29	27	9										65	32	50
Legionellosis - Legionnaires Disease	7 day	0	0	0										0	2	17
Listeria Invasive Disease	7 day	0	0	0										0	0	1
Lyme Disease	7 day	0	1	0										1	0	9
Malaria	7 day	0	0	0										0	0	2
Meningococcal (Neisseria Meningitidis) Invasive Disease	24 hour	0	0	0										0	0	0
MRSA in Infants less than 61 days	24 hour	0	1	0										1	2	9
Mumps	24 hour	0	0	0										0	4	19
Pertussis	24 hour	0	3	3										6	2	13
Rabies, Potential Human Exposure	24 hour	0	0	1										1	1	34
Salmonellosis	7 day	3	5	1										9	5	55
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	0										0	1	0
Shiga toxin-producing E. coli (STEC)- Shiga toxin positive, non-O157 serotype	24 hour	0	1	0										1	1	1
Shigellosis	7 day	0	1	0										1	0	9
Spotted Fever Rickettsioses	7 day	0	0	1										1	0	0
Streptococcal Disease Invasive Group A [%]	24 hour	0	4	1										5	1	8
Streptococcal Toxic Shock Syndrome [%]	24 hour	1	0	0										1	1	3
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	0	0	0										0	1	2
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0										0	0	1
Varicella (Chickenpox)	24 hour	1	2	3										6	5	26
Vibriosis	7 day	0	0	0										0	0	1
West Nile Virus Neuroinvasive Disease	7 day	0	0	0										0	0	1
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0										0	0	1
Zika Virus Disease, Non-Congenital [#]	7 day	0	0	0										0	1	1

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

[#] Data collection began January 15, 2016

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2018 YTD	2017 YTD	2017 Total
Food/Waterborne	1	0	0										1	8	14
Non-foodborne Clusters	17	4	5										26	3	14

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2018 YTD	2017 YTD	2017 Total
Disease Investigation															
Reportable	56	54	33										143	142	528
Non-Reportable	65	49	45										159	154	611
Transfers	43	40	37										120	175	639
Education															
Provider	22	9	18										49	102	285
Public	5	0	9										14	29	128
Large Group	0	0	0										0	0	0
Testing	0	0	0										0	0	0
Specimen Collection	0	0	0										0	2	33
Clinical Evaluation	0	0	0										0	0	0
Treatment services	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	2018 YTD	2017 YTD	2017 TOTAL
Sexually Transmitted Diseases															
Chlamydia	182	175	168										525	1071	2694
Gonorrhea	29	28	40										97	237	591
Syphilis (1°,2°,Latent)	2	1	0										3	7	32
Syphilis (Congenital)	0	0	0										0	0	0
Syphilis (Other)	5	9	4										18	3	27
Syphilis TOTAL	7	10	4										21	10	59

[&] Data are provisional and subject to change

1b. DISEASE REPORTED*	J	F	M	A	M	J	J	A	S	O	N	D	2018 YTD*	2017 YTD*	2017 TOTAL*
HIV / AIDS															
HIV Infections													***	***	***
AIDS													***	***	***

* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report

*** 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	2018 YTD	2017 YTD	2017 TOTAL
Disease Investigation															
Reportable	303	274	277										854	1382	4309
OOJs [#] and Transfers	90	70	69										229	197	982
Non-Reportable	14	15	8										37	17	143
Education															
Provider	0	0	0										0	0	33
Public	0	0	0										0	0	4
Large Group	0	0	0										0	0	1
Testing	0	0	0										0	0	0
Specimen Collection	0	0	0										0	0	0
Clinical Evaluation	0	0	0										0	0	0
Treatment Services	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	2018 YTD	2017 YTD	2017 TOTAL
1. DISEASE REPORTED	1	0	0										1	7	14

2. TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2018 YTD	2017 YTD	2017 TOTAL
Disease Investigation															
Reportable	1	0	0										1	7	18
Non-Reportable	0	8	5										13	6	57
Transfers	0	0	0										0	0	1
Education															
Provider	35	80	77										192	153	496
Public	44	64	55										163	197	781
Large Group	0	1	0										1	24	28
Testing															
Skin Tests	11	7	6										24	18	173
Chest X-Rays	8	0	0										8	16	42
Specimen Collection	33	26	31										90	115	390
Clinical Evaluation	97	4	114										215	327	1083
Treatment Services	144	130	170										444	516	1951

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 D. Immunization Services

VACCINES (Excludes Influe	J	F	M	A	M	J	J	A	S	O	N	D	2018 YTD	2017 YTD	2017 TOTAL
Shots given	72	74	33										179	155	893
Patients seen	32	29	14										75	53	388
RESIDENCY															
Aurora	8	16	7										31	16	161
Elgin/C'ville	6	8	2										16	5	40
Tri-Cities	6	1	0										7	8	65
Other	12	4	2										18	24	115
AGE															
0 - 18 Years	32	29	14										75	53	463
19 - 64 Years	2	0	1										3	0	575
> 64 Years	0	0	0										0	0	0

Influenza Vaccine Only	J	F	M	A	M	J	J	A	S	O	N	D	2018 YTD	2017 YTD	2017 TOTAL
Shots given	31	18	2										51	11	645

**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	2018	2017 YTD	2017 Total
3 years to 6 Years															
>= 20 mcg/dl	0	0	0										0	0	2
10 - 19 mcg/dl.	0	0	1										1	0	5
6 Months - 3 Years															
>=20 mcg/dl	0	1	1										2	3	6
10 - 19 mcg/dl	3	0	2										5	5	26
Total	3	1	4										8	8	39

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	39	34	37									
Southern County	34	35	33									
Total	73	69	70									

	J	F	M	A	M	J	J	A	S	O	N	D	2018	2017 YTD	2017 Total
Case Closures	1	2	3										6	2	36

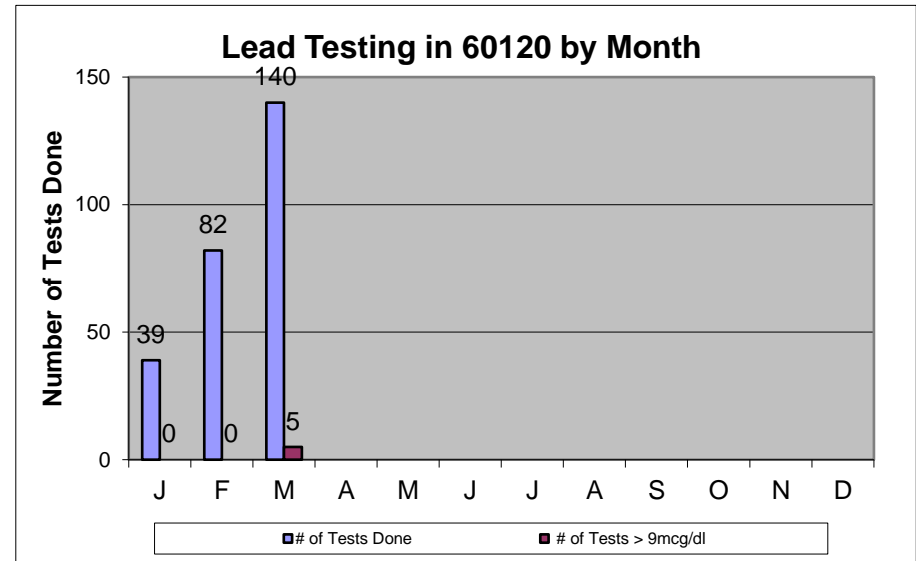
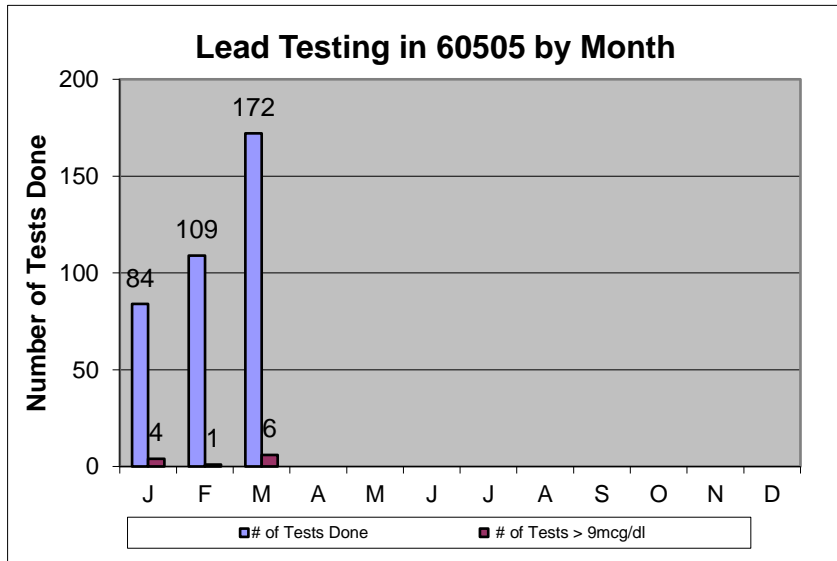
NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2018	2017 YTD	2017 Total
Initial Visit	3	1	4										8	8	40
Repeat Visit	4	11	9										24	21	98
Total	7	12	13										32	29	138

NURSE HOME VISITS ATTEMPTED NOT COMPLETED	J	F	M	A	M	J	J	A	S	O	N	D	2018 YTD	2017 YTD	2017 Total
	7	2	5										14	7	41

EDUCATIONAL	J	F	M	A	M	J	J	A	S	O	N	D	2018	2017 YTD	2017 Total
Calls	33	65	57										155	128	532
Letters	52	38	57										147	197	739
Visits	53	14	22										89	36	192
Community Education	6	5	3										14	6	785
Total	109	122	139										370	367	2248

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	2018 YTD	2017 YTD	2017 Total
60505															
# of Tests Done	84	109	172										365	489	1861
# of Tests > 9mcg/dl	4	1	6										11	7	47
60120															
# of Tests Done	39	82	140										261	372	1235
# of Tests > 9mcg/dl	0	0	5										5	5	38
All Zip Codes															
Tests Done	344	371	433										1148	1974	6924
Tests > 9mcg/dl	9	5	18										32	25	191



Kane County Health Department
Childhood Lead Prevention Program
Lead Testing Summary

