

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	2018 YTD	2017 YTD	2017 Total
Acute Flaccid Myelitis		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
Anaplasma phagocytophilum (formerly HGA)	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Brucellosis	24 hour	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Campylobacteriosis	24 hour	1	2	6	14	12	8	12	12	7	10	5	5	94	52	52
Creutzfeldt-Jakob Disease (CJD) ⁴	7 day	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1
Cryptosporidiosis	7 day	0	1	0	0	0	0	1	0	1	1	1	0	5	7	7
Cyclosporiasis	7 day	0	0	0	0	0	0	20	14	0	1	0	0	35	0	0
Haemophilus Influenzae Invasive Disease	24 hour	1	0	0	1	2	0	0	1	1	0	0	1	7	6	6
Hepatitis A	24 hour	1	0	0	0	0	0	0	0	0	0	0	0	1	4	4
Hepatitis B Acute	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Hepatitis B Chronic	7 day	7	1	2	1	1	2	2	0	3	5	2	1	27	38	38
Hepatitis C Virus Acute Infection	7 day	0	0	1	0	1	0	0	0	0	0	1	0	3	1	1
Hepatitis C Virus Chronic Infection	7 day	12	5	7	9	22	8	9	10	13	15	5	11	126	149	149
Histoplasmosis	7 day	0	0	0	1	0	0	0	0	0	1	0	0	2	5	5
Influenza with ICU Hospitalization	24 hour	29	27	9	7	0	0	1	0	0	3	0	2	78	50	50
Legionellosis - Legionnaires Disease	7 day	0	0	0	0	1	1	4	2	3	2	3	0	16	17	17
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Lyme Disease	7 day	0	1	0	0	0	1	2	6	1	0	0	0	11	9	9
Malaria	7 day	0	0	0	0	0	1	0	1	2	0	1	0	5	2	2
MRSA in Infants less than 61 days ²	24 hour	0	1	0	1	0	0	0	0	1	0	1	1	5	9	9
Mumps	24 hour	0	0	0	0	2	1	2	3	1	0	0	0	9	19	19
Pediatric Influenza Death	7 day	0	0	0	1	0	0	0	0	0	0	0	1	2	0	0
Pertussis	24 hour	0	3	3	2	2	3	0	0	4	0	1	0	18	13	13
Rabies, Potential Human Exposure	24 hour	0	1	1	1	7	1	0	9	8	3	7	2	40	34	34
Salmonellosis	7 day	3	5	1	3	5	8	6	10	8	4	1	2	56	55	55
Shiga toxin-producing E. coli (STEC)- Shiga toxin positive, non-O157 serotype	24 hour	0	1	0	0	0	0	0	2	0	0	0	0	3	1	1
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	0	0	1	0	1	0	2	0	0	1	5	0	0
Shigellosis	7 day	0	1	0	1	1	0	0	0	0	2	0	0	5	9	9
Spotted Fever Rickettsioses	7 day	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0
Streptococcal Disease Invasive Group A ³	24 hour	0	4	1	1	0	1	1	1	0	0	0	3	12	8	8
Streptococcal Toxic Shock Syndrome ³	24 hour	1	0	0	0	0	2	0	0	0	0	0	0	3	3	3
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Typhus Murine	24 hour	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
Varicella (Chickenpox)	24 hour	1	2	3	1	3	1	2	3	1	3	2	0	22	26	26
Vibriosis	7 day	0	0	0	0	0	0	0	0	1	1	0	0	2	1	1
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	2	1	0	0	0	3	1	1
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	2	1	1	0	0	4	1	1
Zika Virus Disease, Non-Congenital ⁴	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Yersiniosis ⁵	7 day	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0

¹ Includes confirmed and probable cases

² Data are provisional and subject to change

³ * Newly reportable effective January 1, 2016

⁴ No longer reportable effective January 1, 2019

⁵ # 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	0	0	2	0	2	1	1	1	9	14	14
Non-foodborne Clusters	17	4	5	2	1	1	0	0	1	0	2	3	36	14	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	57	55	35	44	60	38	64	79	61	52	30	31	606	529	529
Non-Reportable	66	49	53	48	60	41	39	56	45	34	28	20	539	619	619
Transfers	43	41	37	43	38	49	46	64	45	40	36	28	510	640	640
Education															
Provider	22	24	20	13	17	18	9	17	15	25	13	17	210	285	285
Public	5	2	9	5	9	9	12	16	8	8	9	9	101	128	128
Large Group	0	0	0	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	0	0	0
Specimen Collection	0	12	0	0	0	0	0	0	0	0	1	2	15	33	33
Clinical Evaluation	0	0	0	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	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	178	192	196	211	179	200	193	184	183	188	164	2250	2169	2169
Gonorrhea	27	27	41	39	46	42	28	34	32	41	39	20	416	494	494
Syphilis (1°,2°,Latent)	2	3	4	2	0	0	0	1	0	2	1	0	15	42	42
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis (Other)	3	7	3	1	3	3	2	1	4	2	11	3	43	24	24
Syphilis TOTAL	5	10	7	3	3	3	2	2	4	4	12	3	58	66	66

[&] 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													***	25	25
AIDS													***	8	8

* 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	305	281	308	310	348	308	273	319	307	344	291	262	3656	3709	3709
OOJs [#] and Transfers	93	70	71	73	91	87	45	91	91	118	63	78	971	982	982
Non-Reportable	12	13	9	5	5	11	4	5	16	8	13	8	109	143	143
Education															
Provider	0	1	0	1	5	3	2	4	4	1	0	0	21	33	33
Public	0	0	0	0	1	1	0	0	1	0	0	0	3	4	4
Large Group	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Testing	0	0	0	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	0	0	0
Clinical Evaluation	0	0	0	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	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	2018 YTD	2017 YTD	2017 TOTAL
1. DISEASE REPORTED	1	0	0	3	0	0	0	2	2	1	0	1	10	14	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	3	0	0	0	2	2	1	0	1	10	18	18
Non-Reportable	0	8	5	6	9	7	3	5	3	7	9	1	63	57	57
Transfers	0	0	0	0	0	0	0	1	0	0	1	0	2	1	1
Education															
Provider	35	80	77	89	77	69	74	82	79	100	137	129	1028	496	496
Public	44	64	55	97	68	74	82	125	106	132	148	141	1136	781	781
Large Group	0	1	0	2	0	4	1	1	1	0	2	0	12	28	28
Testing															
Skin Tests	11	7	6	16	9	45	24	20	15	7	15	16	191	182	182
Chest X-Rays	8	0	0	4	3	2	5	3	2	8	6	2	43	42	42
Specimen Collection	33	26	31	37	33	21	41	45	32	31	35	23	388	390	390
Clinical Evaluation	97	80	114	146	85	94	83	147	132	153	150	100	1381	1083	1083
Treatment Services	144	130	170	139	92	89	104	193	157	169	167	109	1663	1951	1951

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	2018 YTD	2017 YTD	2017 TOTAL
Shots given	72	74	33	51	46	59	81	239	106	331	122	141	1355	893	893
Patients seen	32	29	14	19	18	23	33	93	46	212	71	72	662	388	388
RESIDENCY															
Aurora	8	16	7	9	10	8	14	39	22	121	37	37	328	161	161
Elgin/C'ville	6	8	2	3	1	7	5	11	3	6	3	4	59	40	40
Tri-Cities	6	1	0	0	3	3	5	8	5	5	8	8	52	65	65
Other	12	4	2	7	4	5	9	35	16	90	23	23	230	115	115
AGE															
0 - 18 Years	32	29	14	18	18	23	33	93	45	100	34	40	479	463	463
19 - 64 Years	2	0	1	0	0	0	0	0	1	96	36	31	167	575	575
> 64 Years	0	0	0	1	0	0	0	0	0	16	1	1	19	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	5	2	0	0	0	38	387	26	20	529	645	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	1	1	0	1	0	0	0	0	3	2	2
10 - 19 mcg/dl.	0	0	1	0	1	0	1	1	0	0	1	0	5	5	5
6 Months - 3 Years															
>=20 mcg/dl	0	1	1	0	0	1	1	2	1	0	1	0	8	6	6
10 - 19 mcg/dl	3	0	2	0	3	2	2	4	1	2	1	3	23	26	26
Total	3	1	4	0	5	4	4	8	2	2	3	3	39	39	39

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	39	34	37	32	32	32	37	44	49	60	63	59
Southern County	34	35	33	31	31	29	36	45	43	60	58	53
Total	73	69	70	63	63	61	73	89	92	120	121	112

	J	F	M	A	M	J	J	A	S	O	N	D	2018	2017 YTD	2017 Total
Case Closures	1	2	3	11	0	0	0	13	16	21	11	10	88	36	36

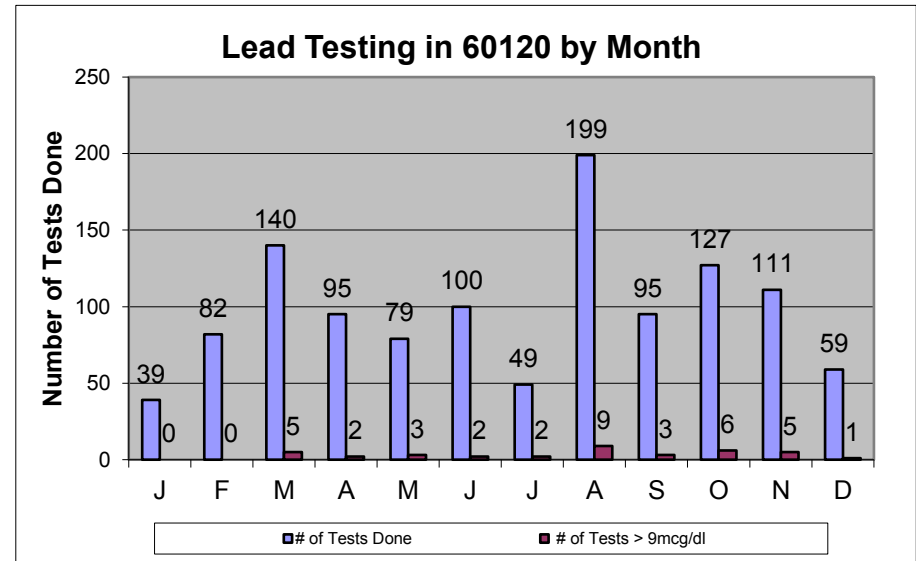
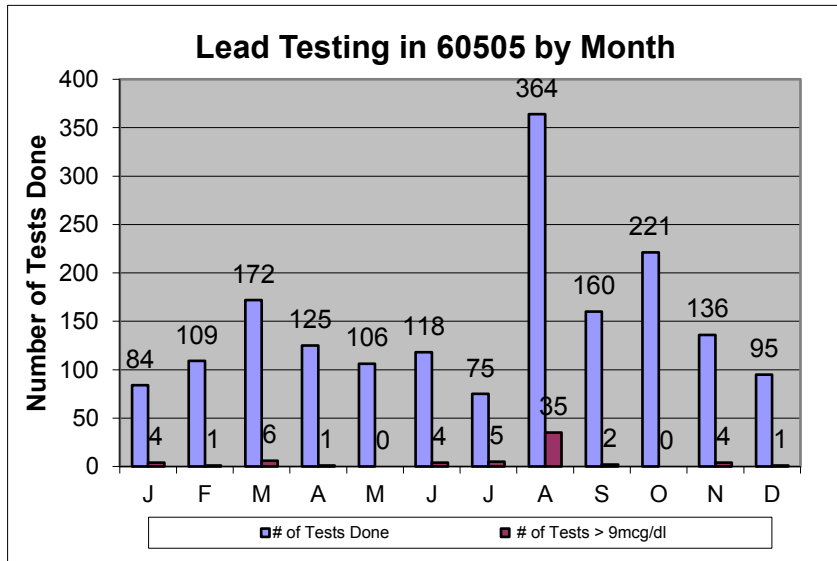
NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2018	2017 YTD	2017 Total
Initial Visit	3	1	4	0	5	4	4	8	2	2	3	3	39	40	40
Repeat Visit	4	11	9	3	18	4	7	14	11	14	2	4	101	98	98
Total	7	12	13	3	23	8	11	22	13	16	5	7	140	138	138

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	3	11	9	4	8	5	13	1	2	70	41	41

EDUCATIONAL	J	F	M	A	M	J	J	A	S	O	N	D	2018	2017 YTD	2017 Total
Calls	33	65	57	56	80	71	73	93	119	101	96	83	927	532	532
Letters	52	38	57	66	65	34	49	69	93	89	87	64	763	739	739
Visits	53	14	22	13	26	24	13	21	11	22	5	9	233	192	192
Community Education	6	5	3	2	1	2	181	2,062	4	44	6	1	2317	785	785
Total	109	122	139	137	172	131	316	2245	227	256	194	157	4205	2248	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	125	106	118	75	364	160	221	136	95	1765	1861	1861
# of Tests > 9mcg/dl	4	1	6	1	0	4	5	35	2	0	4	1	63	47	47
60120															
# of Tests Done	39	82	140	95	79	100	49	199	95	127	111	59	1175	1235	1235
# of Tests > 9mcg/dl	0	0	5	2	3	2	2	9	3	6	5	1	38	38	38
All Zip Codes															
Tests Done	344	371	433	436	399	520	305	1,307	659	761	603	386	6524	6924	6924
Tests > 9mcg/dl	9	5	18	7	10	8	10	54	15	13	16	5	170	191	191



Kane County Health Department
Childhood Lead Prevention Program
Lead Testing Summary

