

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	2017												2017 YTD	2016 YTD	2016 Total
		J	F	M	A	M	J	J	A	S	O	N	D			
Anaplasma phagocytophilum (formerly HGA)	7 day	0	0	0	0	0	0	0	0					0	1	1
Arbovirus Unspecified	7 day	0	0	0	0	0	0	0	0					0	0	1
Campylobacteriosis*	24 hour	4	2	5	6	1	6	10	8					42	27	51
Creutzfeldt-Jakob Disease (CJD)	7 day	0	0	1	0	0	0	0	0					1	0	0
Cryptosporidiosis	7 day	1	0	0	1	1	0	1	1					5	1	3
Haemophilus Influenzae Invasive Disease	24 hour	2	0	3	0	0	0	1	0					6	1	5
Hepatitis A	24 hour	0	0	0	0	1	0	0	0					1	2	5
Hepatitis B Chronic	7 day	7	4	4	2	6	0	5	0					28	23	32
Hepatitis C Virus Acute Infection	7 day	0	1	0	0	0	0	0	0					1	1	1
Hepatitis C Virus Infection Chronic or Resolved	7 day	20	10	16	19	12	8	8	7					100	82	116
Histoplasmosis	7 day	0	2	0	0	1	1	0	0					4	6	9
Influenza with ICU Hospitalization	24 hour	0	18	14	4	0	0	0	0					36	19	20
Legionellosis - Legionnaires Disease	7 day	1	1	0	0	3	3	4	1					13	7	11
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	0					0	2	2
Lyme Disease	7 day	0	0	0	0	0	0	6	0					6	6	7
Malaria	7 day	0	0	0	0	0	1	0	1					2	1	1
Meningococcal (Neisseria Meningitidis) Invasive Disease	24 hour	0	0	0	0	0	0	0	0					0	1	1
MRSA in Infants less than 61 days	24 hour	1	0	1	0	2	1	2	0					7	3	5
Mumps	24 hour	0	0	4	1	7	6	1	0					19	5	6
Pertussis	24 hour	1	0	1	1	0	3	1	2					9	33	41
Rabies, Potential Human Exposure	24 hour	0	0	1	1	1	2	0	11					16	29	32
Salmonellosis	7 day	1	3	1	4	1	5	7	5					27	29	42
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	0	0	0	0	0	0					0	0	1
Shiga toxin-producing E. coli (STEC)- Shiga toxin positive, non-O157 serotype	24 hour	0	1	0	0	0	0	0	0					1	2	3
Shigellosis	7 day	0	0	0	0	1	0	1	0					2	5	18
Streptococcal Disease Invasive Group A [%]	24 hour	0	1	0	2	1	2	0	1					7	11	12
Streptococcal Toxic Shock Syndrome [%]	24 hour	0	0	1	0	2	0	0	0					3	4	5
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	0	1	0	0	1	0	0	0					2	1	2
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0	1	0	0	0	0					1	1	1
Varicella (Chickenpox)	24 hour	0	3	2	5	5	0	0	2					17	27	37
Vibriosis	7 day	0	0	0	0	0	0	0	0					0	1	1
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	1					1	0	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0					0	0	4
Zika Virus Disease, Non-Congenital ^{††}	7 day	1	0	0	0	0	0	0	0					1	4	5

¹ Includes confirmed and probable cases

² Data are provisional and subject to change

* Newly reportable effective January 1, 2016

[%] Includes streptococcal necrotizing fasciitis

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

^{††} Data collection began January 15, 2016

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
Food/Waterborne	4	2	2	0	1	2	0	2					13	0	0
Non-foodborne Clusters	1	2	0	0	2	0	1	0					6	11	19

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
Disease Investigation															
Reportable	39	47	54	47	46	38	47	40					358	337	483
Non-Reportable	46	43	46	18	32	24	35	33					277	297	408
Transfers	49	61	65	61	57	55	77	53					478	446	648
Education															
Provider	38	27	42	29	36	19	16	20					227	195	298
Public	10	10	10	13	12	15	12	15					97	103	134
Large Group	0	0	0	0	0	0	0	0					0	0	1
Testing															
Specimen Collection	2	0	0	0	6	15	2	0					25	25	29
Clinical Evaluation	0	0	0	0	0	0	0	0					0	0	0
Treatment services	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	2017 YTD	2016 YTD	2016 TOTAL
Sexually Transmitted Diseases															
Chlamydia	210	189	148	172	187	174	186	161					1427	1540	2154
Gonorrhea	45	54	39	31	40	38	57	29					333	365	515
Syphilis (1°,2°,Latent)	4	3	3	4	2	1	0	0					17	19	22
Syphilis (Congenital)	0	0	0	0	0	0	0	0					0	0	0
Syphilis (Other)	1	1	2	1	4	8	3	3					23	13	17
Syphilis TOTAL	5	4	5	5	6	9	3	3					40	32	39

[&] Data are provisional and subject to change

1b. DISEASE REPORTED*	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD*	2016 YTD*	2016 TOTAL*
HIV / AIDS															
HIV Infections													***	12	23
AIDS													***	6	11

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

*** Data not available at time of printing

2. STD/ HIV/AIDS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
Disease Investigation															
Reportable	310	295	204	227	254	229	260	211					1990	2392	3314
Non-Reportable	12	19	19	43	18	21	15	16					163	188	280
Transfers	5	10	7	8	6	5	2	1					44	108	144
Education															
Provider	0	5	0	0	0	0	0	0					5	22	27
Public	0	0	0	0	0	0	0	0					0	20	23
Large Group	0	0	0	0	1	0	0	0					1	0	1
Testing	0	0	0	0	0	0	0	0					0	0	0
Specimen Collection	0	0	0	0	0	0	0	0					0	0	0
Clinical Evaluation	0	0	0	0	0	0	0	0					0	0	0
Treatment Services	0	0	0	0	0	0	0	0					0	0	0

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	2017 YTD	2016 YTD	2016 TOTAL
1. DISEASE REPORTED	5	2	0	1	0		2	2					12	10	17

2. TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
Disease Investigation															
Reportable	5	2	0	1	0	3	2	2					15	10	17
Non-Reportable	3	1	2	3	3	5	7	6					30	23	32
Transfers	0	0	0	0	0	0	0	0					0	1	1
Education															
Provider	48	53	52	32	18	33	48	40					324	206	290
Public	81	56	60	48	35	64	72	66					482	339	460
Large Group	23	0	1	0	0	1	2	1					28	2/63	2/63
Testing															
Skin Tests	8		10	20	10	13	28	44					133	109	175
Chest X-Rays	9	4	3	1	4	2	4	4					31	50	70
Specimen Collection	36	39	40	31	26	43	38	33					286	396	568
Clinical Evaluation	108	115	104	93	110	138	121	110					899	852	1178
Treatment Services	132	195	189	152	135	159	193	206					1361	1051	1640

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	2017 YTD	2016 YTD	2016 TOTAL
Shots given	43	50	62	59	70	83	48	106					521	469	755
Patients seen	13	18	22	23	27	31	21	38					193	211	349
RESIDENCY															
Aurora	4	6	6	7	10	14	12	16					75	137	203
Elgin/C'ville	1	1	3	2	1	3	2	5					18	19	36
Tri-Cities	2	3	3	4	8	9	3	6					38	26	54
Other	6	8	10	10	8	5	4	11					62	29	56
AGE															
0 - 18 Years	13	18	22	23	27	31	20	36					190	211	349
19 - 64 Years	0	0	0	0	0	0	1	2					3	0	1
> 64 Years	0	0	0	0	0	0	0	0					0	0	0

Influenza Vaccine Only	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
Shots given	6	5	0	8	0	0	0	0					19	35	56

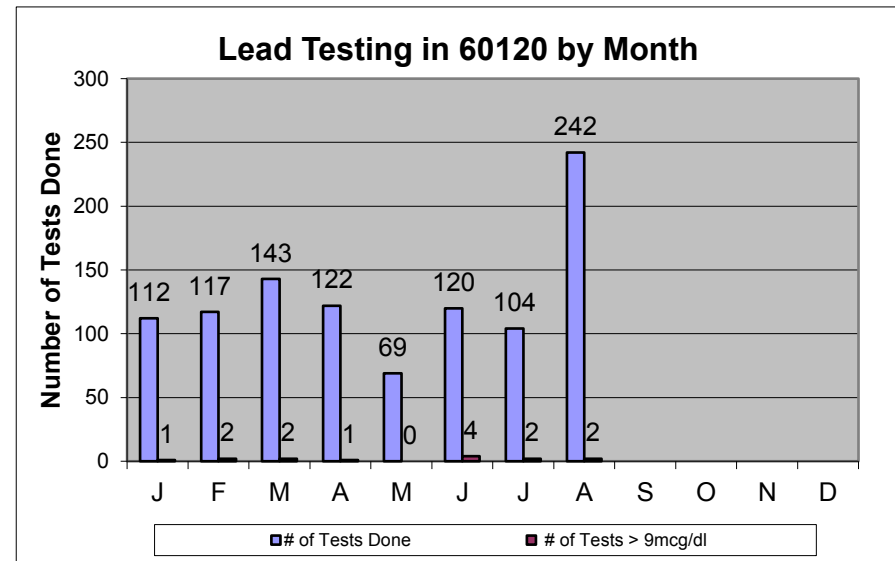
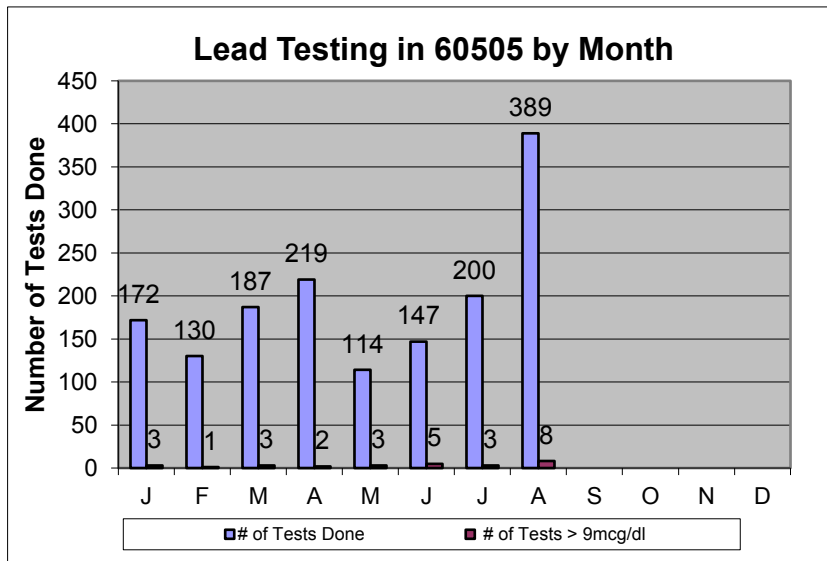
Kane County Health Department Childhood Lead Prevention Program Case Management

NEW ENROLLEE Lead Levels	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
3 years to 6 Years															
>= 20 mcg/dl	0	0	0	0	0	0	0	0					0	1	1
10 – 19 mcg/dl.	0	0	0	0	0	2	0	2					4	4	8
6 Months - 3 Years															
>=20 mcg/dl	3	0	0	0	0	1	0	0					4	2	7
10 - 19 mcg/dl	1	2	2	0	2	3	1	3					14	20	27
Total	4	2	2	0	2	6	1	5	0	0	0	0	22	27	43
Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D			
Northern County	43	42	42	47	45	47	45	45							
Southern County	37	43	43	38	38	42	43	46							
Total	80	85	85	85	83	89	88	91	0	0	0	0			
	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
Case Closures	0	1	1	4	4	1	2	3					16	50	59
	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
NURSE HOME VISITS															
Initial Visit	4	2	2	0	2	6	1	7					24	31	45
Repeat Visit	11	2	8	7	11	21	9	13					82	83	113
Total	15	4	10	7	13	27	10	20	0	0	0	0	106	114	158
	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
NURSE HOME VISITS ATTEMPTED NOT COMPLETED															
	5	0	2	7	7	8	3	6					38	27	35
	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
EDUCATIONAL INTERVENTIONS															
Calls	34	53	41	16	50	39	51	64					348	350	523
Letters	63	50	84	44	74	65	56	83					519	660	969
Visits	17	6	13	18	22	34	18	25					153	161	230
Community Education	1	1	4	2	1	1	1	75					762	259	271
Total	115	110	142	80	147	139	126	923	0	0	0	0	1782	1430	1993

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

	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
High Risk Zip Codes															
60505															
# of Tests Done	172	130	187	219	114	147	200	389					1558	1230	1783
# of Tests > 9mcg/dl	3	1	3	2	3	5	3	8					28	26	38
60120															
# of Tests Done	112	117	143	122	69	120	104	242					1029	849	1354
# of Tests > 9mcg/dl	1	2	2	1	0	4	2	2					14	15	24
All Zip Codes															
Tests Done	619	597	758	688	364	635	682	1,286					5629	4575	7001
Tests > 9mcg/dl	7	12	6	4	5	14	6	20					74	71	108

* Data Not Available at Time of Printing



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

