

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	Reportin g Time	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
Anaplasma phagocytophilum (formerly HGA)	7 day	0	0	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			0	0	1
Campylobacteriosis*	24 hour	4	2	5	6	1	6	10	8	3	1			46	40	51
Creutzfeldt-Jakob Disease (CJD)	7 day	0	0	1	0	0	0	0	0	0	0			1	0	0
Cryptosporidiosis	7 day	1	0	0	1	1	0	1	1	1	1			7	2	3
Haemophilus Influenzae Invasive Disease	24 hour	2	0	3	0	0	0	1	0	0	0			6	1	5
Hepatitis A	24 hour	0	0	0	0	1	0	0	0	0	0			1	4	5
Hepatitis B Acute	7 day	1	0	0	0	0	0	0	0	0	0			1	0	0
Hepatitis B Chronic	7 day	7	4	4	2	6	1	5	1	4	2			36	28	32
Hepatitis C Virus Acute Infection	7 day	0	1	0	0	0	0	0	0	0	0			1	1	1
Hepatitis C Virus Infection Chronic or Resolved	7 day	20	11	16	19	12	8	9	7	19	8			129	98	116
Histoplasmosis	7 day	0	2	0	0	1	1	0	0	0	0			4	6	9
Influenza with ICU Hospitalization	24 hour	0	18	14	4	0	0	0	0	1	0			37	20	20
Legionellosis - Legionnaires Disease	7 day	1	1	0	0	3	3	4	1	1	1			15	9	11
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	0	0	0			0	2	2
Lyme Disease	7 day	0	0	0	0	0	0	6	0	0	1			7	7	7
Malaria	7 day	0	0	0	0	0	1	0	1	0	0			2	1	1
Meningococcal (Neisseria Meningitidis) Invasive Disease	24 hour	0	0	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	0	0			7	4	5
Mumps	24 hour	0	0	4	1	7	6	1	0	0	0			19	6	6
Pertussis	24 hour	1	0	1	1	0	3	1	3	0	1			11	35	41
Rabies, Potential Human Exposure	24 hour	0	0	1	1	1	2	0	15	6	1			27	31	32
Salmonellosis	7 day	1	3	1	4	1	5	7	7	4	7			40	37	42
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	0	0	0	0	0	0	1	0			1	1	1
Shiga toxin-producing E. coli (STEC)- Shiga toxin positive, non-O157 serotype	24 hour	0	1	0	0	0	0	0	0	0	0			1	3	3
Shigellosis	7 day	0	0	0	0	1	0	1	0	4	1			7	13	18
Streptococcal Disease Invasive Group A%	24 hour	0	1	0	2	1	2	0	1	1	0			8	11	12
Streptococcal Toxic Shock Syndrome%	24 hour	0	0	1	0	2	0	0	0	0	0			3	5	5
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	0	1	0	0	1	0	0	0	0	0			2	1	2
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0	1	0	0	0	0	0	0			1	1	1
Varicella (Chickenpox)	24 hour	0	3	2	5	5	0	0	2	5	2			24	33	37
Vibriosis	7 day	0	0	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	0	0			1	3	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0	1	0			1	4	4
Zika Virus Disease, Non-Congenital#	7 day	1	0	0	0	0	0	0	0	0	0			1	5	5

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	2017 YTD	2016 YTD	2016 Total
Food/Waterborne	4	2	2	0	1	2	0	2	0	1			14	0	0
Non-foodborne Clusters	1	2	0	0	2	0	1	0	1	0			7	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	40	48	54	47	46	39	48	48	50	26			446	405	483
Non-Reportable	46	43	46	18	32	24	35	61	38	35			378	358	408
Transfers	49	61	65	61	57	60	78	58	38	36			563	561	648
Education															
Provider	38	27	37	24	34	17	14	20	19	25			255	247	298
Public	10	10	9	13	12	15	13	14	11	8			115	127	134
Large Group	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
Specimen Collection	2	0	0	0	6	15	2	0	0	0			25	29	29
Clinical Evaluation	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

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	171	186	178	179	190	180	170			1801	1839	2154
Gonorrhea	45	55	39	33	39	38	49	44	28	31			401	447	515
Syphilis (1°,2°,Latent)	4	3	3	4	2	1	2	0	2	2			23	28	22
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0			0	0	0
Syphilis (Other)	1	1	2	1	4	8	2	6	4	6			35	18	17
Syphilis TOTAL	5	4	5	5	6	9	4	6	6	8			58	46	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													***	22	23
AIDS													***	9	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	296	205	230	255	236	254	265	228	203			2482	2849	3314
Non-Reportable	12	19	19	43	20	22	15	20	13	11			194	229	280
Transfers	5	10	7	8	8	6	2	5	2	2			55	114	144
Education															
Provider	0	5	5	5	2	2	4	2	5	1			31	27	27
Public	0	0	1	0	0	0	0	2	1	0			4	23	23
Large Group	0	0	0	0	1	0	0	0	0	0			1	1	1
Testing	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
Clinical Evaluation	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

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	0				12	16	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	0	0			15	16	17
Non-Reportable	3	1	2	3	3	5	7	6	8	13			51	25	32
Transfers	0	0	0	0	0	0	0	0	0	0			0	1	1
Education															
Provider	48	53	52	32	18	33	48	40	47	53			424	254	290
Public	81	56	60	48	35	64	72	66	75	88			645	398	460
Large Group	23	0	1	0	0	1	2	1	0	0			28	2/63	2/63
Testing															
Skin Tests	8		10	20	10	13	28	44	11	15			159	156	175
Chest X-Rays	9	4	3	1	4	2	4	4	2	7			40	65	70
Specimen Collection	36	39	40	31	26	43	38	33	23	29			338	518	568
Clinical Evaluation	108	115	104	93	110	138	121	110	100	8			1007	1010	1178
Treatment Services	132	195	189	152	135	159	193	206	167	165			1693	1338	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	89	173			783	719	755
Patients seen	13	18	22	23	27	31	21	38	56	76			325	337	349
RESIDENCY															
Aurora	4	6	6	7	10	14	12	16	16	40			131	198	203
Elgin/C'ville	1	1	3	2	1	3	2	5	5	6			29	35	36
Tri-Cities	2	3	3	4	8	9	3	6	8	8			54	51	54
Other	6	8	10	10	8	5	4	11	20	22			104	53	56
AGE															
0 - 18 Years	13	18	22	23	27	31	20	36	21	76			287	337	349
19 - 64 Years	0	0	0	0	0	0	1	2	35	516			554	1	1
> 64 Years	0	0	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	32	545			596	54	56

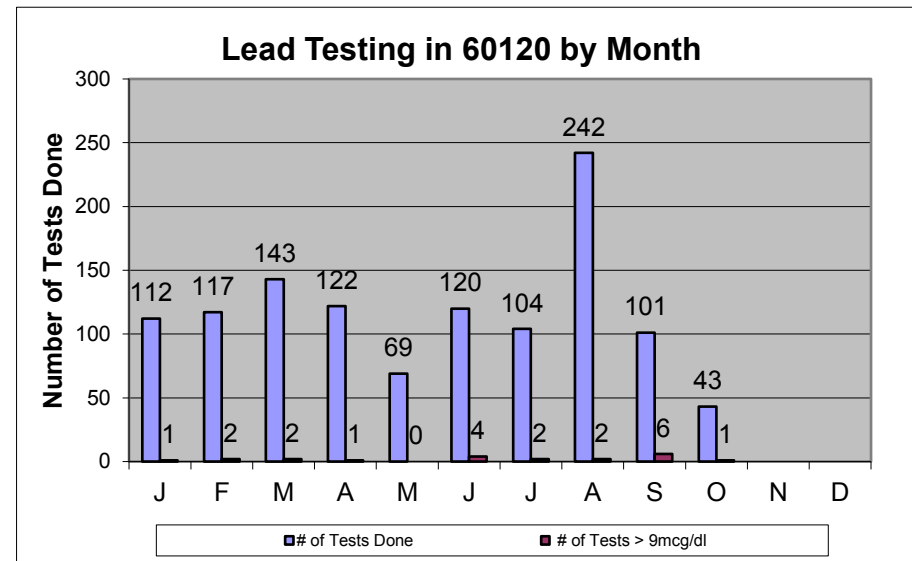
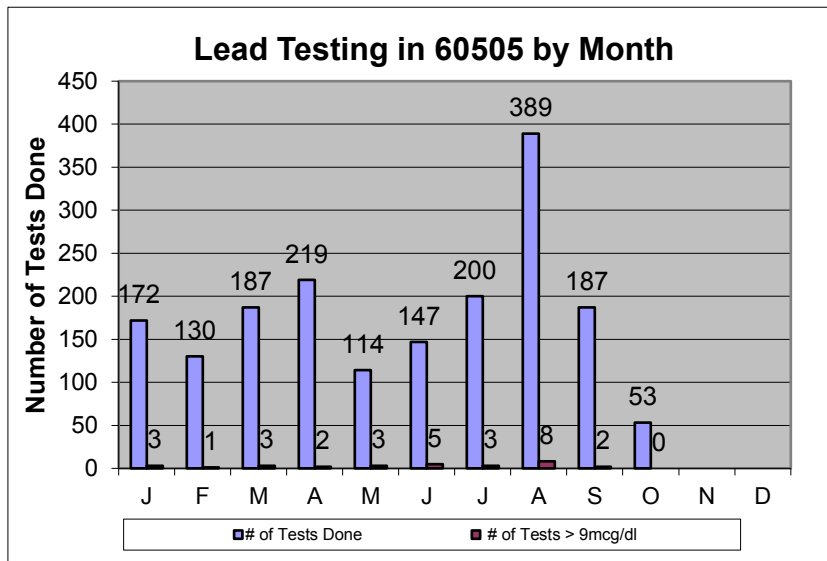
Kane County Health Department Childhood Lead Prevention Program Case Management

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	2	0			2	1	1
10 – 19 mcg/dl.	0	0	0	0	0	2	0	2	1	0			5	5	8
6 Months - 3 Years															
>=20 mcg/dl	3	0	0	0	0	1	0	0	1	0			5	5	7
10 - 19 mcg/dl	1	2	2	0	2	3	1	3	1	3			18	25	27
Total	4	2	2	0	2	6	1	5	5	3	0	0	30	36	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	47	46					
Southern County	37	43	43	38	38	42	43	46	49	48					
Total	80	85	85	85	83	89	88	91	96	94	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	1	5			22	59	59
NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
Initial Visit	4	2	2	0	2	6	1	7	4	3			31	38	45
Repeat Visit	11	2	8	7	11	21	9	13	5	5			92	106	113
Total	15	4	10	7	13	27	10	20	9	8	0	0	123	144	158
NURSE HOME VISITS ATTEMPTED NOT COMPLETED	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
	5	0	2	7	7	8	3	6	2	0			40	34	35
EDUCATIONAL INTERVENTIONS	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
Calls	34	53	41	16	50	39	51	64	50	43			441	458	523
Letters	63	50	84	44	74	65	56	83	36	61			616	819	969
Visits	17	6	13	18	22	34	18	25	12	10			175	200	230
Community Education	1	1	4	2	1	1	1	75	1	2	15		779	265	271
Total	115	110	142	80	147	139	126	923	100	129	0	0	2011	1742	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	187	53			1798	1546	1783
# of Tests > 9mcg/dl	3	1	3	2	3	5	3	8	2	0			30	29	38
60120															
# of Tests Done	112	117	143	122	69	120	104	242	101	43			1173	1142	1354
# of Tests > 9mcg/dl	1	2	2	1	0	4	2	2	6	1			21	21	24
All Zip Codes															
Tests Done	619	597	758	688	364	635	682	1,286	680	253			6562	5995	7001
Tests > 9mcg/dl	7	12	6	4	5	14	6	20	22	4			100	91	108

* Data Not Available at Time of Printing



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

