

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<sup>1,2</sup>**

DISEASE REPORTED	Reporting Time	2017												2016 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	0	0	0	0	1	1
Arbovirus Unspecified	7 day	0	0	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	2		48	46	51
Creutzfeldt-Jakob Disease (CJD)	7 day	0	0	1	0	0	0	0	0	0	0	0		1	0	0
Cryptosporidiosis	7 day	1	0	0	1	1	0	1	1	1	1	0		7	3	3
Haemophilus Influenzae Invasive Disease	24 hour	2	0	3	0	0	0	1	0	0	0	0		6	3	5
Hepatitis A	24 hour	0	0	0	0	1	0	0	0	0	0	0		1	4	5
Hepatitis B Acute	7 day	1	0	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	0		36	30	32
Hepatitis C Virus Acute Infection	7 day	0	1	0	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	10		139	110	116
Histoplasmosis	7 day	0	2	0	0	1	1	0	0	0	0	1		5	7	9
Influenza with ICU Hospitalization	24 hour	0	18	14	4	0	0	0	0	1	0	3		40	20	20
Legionellosis - Legionnaires Disease	7 day	1	1	0	0	3	3	4	1	1	1	0		15	10	11
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	1		1	2	2
Lyme Disease	7 day	0	0	0	0	0	0	6	0	0	2	1		9	7	7
Malaria	7 day	0	0	0	0	0	1	0	1	0	0	0		2	1	1
Meningococcal (Neisseria Meningitidis) Invasive Disease	24 hour	0	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	0		7	5	5
Mumps	24 hour	0	0	4	1	7	6	1	0	0	0	0		19	6	6
Pertussis	24 hour	1	0	1	1	0	3	1	3	0	1	1		12	36	41
Rabies, Potential Human Exposure	24 hour	0	0	1	1	1	2	0	15	6	1	1		28	31	32
Salmonellosis	7 day	1	3	1	4	1	5	7	7	4	7	12		52	40	42
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	0	0	0	0	0	0	1	0	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	0		1	3	3
Shigellosis	7 day	0	0	0	0	1	0	1	0	5	0	1		8	17	18
Streptococcal Disease Invasive Group A%	24 hour	0	1	0	2	1	2	0	1	1	0	0		8	12	12
Streptococcal Toxic Shock Syndrome%	24 hour	0	0	1	0	2	0	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	0		2	1	2
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0	1	0	0	0	0	0	0	0		1	1	1
Varicella (Chickenpox)	24 hour	0	3	2	5	5	0	0	2	5	2	2		26	37	37
Vibriosis	7 day	0	0	0	0	0	0	0	0	0	0	1		1	1	1
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	1	0	0	0		1	3	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0	1	0	0		1	4	4
Zika Virus Disease, Non-Congenital#	7 day	1	0	0	0	0	0	0	0	0	0	0		1	5	5

<sup>1</sup> Includes confirmed and probable cases

\* Newly reportable effective January 1, 2016

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

<sup>2</sup> 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	0		14	0	0
Non-foodborne Clusters	1	2	0	0	2	0	1	0	1	0	2		9	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
<b>Disease Investigation</b>															
Reportable	40	48	54	47	46	39	48	48	51	26	36		483	454	483
Non-Reportable	49	47	55	29	64	64	52	67	42	42	37		548	454	490
Transfers	49	61	65	61	57	60	78	58	38	36	33		596	603	651
<b>Education</b>															
Provider	38	27	37	24	34	19	14	20	19	25	13		270	275	295
Public	10	10	9	13	12	18	13	14	11	8	4		122	131	134
Large Group	0	0	0	0	0	0	0	0	0	0	0		0	1	1
<b>Testing</b>															
Specimen Collection	2	0	0	0	6	15	2	0	0	0	2		27	29	29
Clinical Evaluation	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

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.

<b>1a. DISEASE REPORTED<sup>&amp;</sup></b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 TOTAL</b>
<b>Sexually Transmitted Diseases</b>															
Chlamydia	209	189	148	174	188	178	187	192	182	179	154		1980	1981	2154
Gonorrhea	46	55	39	34	39	43	50	46	27	33	37		449	481	515
Syphilis (1°,2°,Latent)	4	3	3	4	2	1	2	0	4	6	1		30	28	29
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0		0	0	0
Syphilis (Other)	1	1	2	1	3	8	2	7	2	2	1		30	18	20
<b>Syphilis TOTAL</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>9</b>	<b>4</b>	<b>7</b>	<b>6</b>	<b>8</b>	<b>2</b>		<b>60</b>	<b>46</b>	<b>39</b>

<sup>&</sup> Data are provisional and subject to change

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

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

\*\*\* Data not available at time of printing

<b>2. STD/ HIV/AIDS WORK UNIT</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 TOTAL</b>
<b>Disease Investigation</b>															
Reportable	313	292	205	236	261	242	263	269	234	219	195		2729	3087	3348
Non-Reportable	12	19	19	43	20	22	5	29	11	14	15		209	257	280
Transfers	5	10	7	8	9	6	2	6	2	1	8		64	129	144
<b>Education</b>															
Provider	0	5	5	5	2	2	4	2	5	1	0		31	27	27
Public	0	0	1	0	0	0	0	2	1	0	0		4	23	23
Large Group	0	0	0	0	1	0	0	0	0	0	0		1	1	1
<b>Testing</b>	0	0	0	0	0	0	0	0	0	0	0		0	0	0
<b>Specimen Collection</b>	0	0	0	0	0	0	0	0	0	0	0		0	0	0
<b>Clinical Evaluation</b>	0	0	0	0	0	0	0	0	0	0	0		0	0	0
<b>Treatment Services</b>	0	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
<b>1. DISEASE REPORTED</b>	5	2	0	1	0		2	2	0	0	0		12	16	17

<b>2. TUBERCULOSIS WORK UNIT</b>	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
<b>Disease Investigation</b>															
Reportable	5	2	0	1	0	3	2	2	0	0	1		16	16	17
Non-Reportable	3	1	2	3	3	5	7	6	8	13	4		55	28	32
Transfers	0	0	0	0	0	0	0	0	0	0	0		0	1	1
<b>Education</b>															
Provider	48	53	52	32	18	33	48	40	47	53	49		473	275	290
Public	81	56	60	48	35	64	72	66	75	88	81		726	430	460
Large Group	23	0	1	0	0	1	2	1	0	0	0		28	2/63	2/63
<b>Testing</b>															
Skin Tests	8		10	20	10	13	28	44	11	15	8		167	159	175
Chest X-Rays	9	4	3	1	4	2	4	4	2	7	1		41	67	70
<b>Specimen Collection</b>	36	39	40	31	26	43	38	33	23	29	25		363	539	568
<b>Clinical Evaluation</b>	108	115	104	93	110	138	121	110	100	8	66		1073	1106	1178
<b>Treatment Services</b>	132	195	189	152	135	159	193	206	167	165	130		1823	1501	1640

KANE COUNTY DEPARTMENT OF HEALTH  
 Communicable Disease Control Monthly Report  
 D. Immunization Services

<b>VACCINES (Excludes Influenza )</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 TOTAL</b>
Shots given	43	50	62	59	70	83	48	106	89	173	78		861	787	755
Patients seen	13	18	22	23	27	31	21	38	56	76	42		367	364	349
<b>RESIDENCY</b>															
Aurora	4	6	6	7	10	14	12	16	16	40	21		152	217	203
Elgin/C'ville	1	1	3	2	1	3	2	5	5	6	4		33	38	36
Tri-Cities	2	3	3	4	8	9	3	6	8	8	11		65	55	54
Other	6	8	10	10	8	5	4	11	20	22	6		110	54	56
<b>AGE</b>															
0 - 18 Years	13	18	22	23	27	31	20	36	21	76	152		439	364	349
19 - 64 Years	0	0	0	0	0	0	1	2	35	516	19		573	1	1
> 64 Years	0	0	0	0	0	0	0	0	0	0	0		0	0	0

<b>Influenza Vaccine Only</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 TOTAL</b>
Shots given	6	5	0	8	0	0	0	0	32	545	34		630	69	56

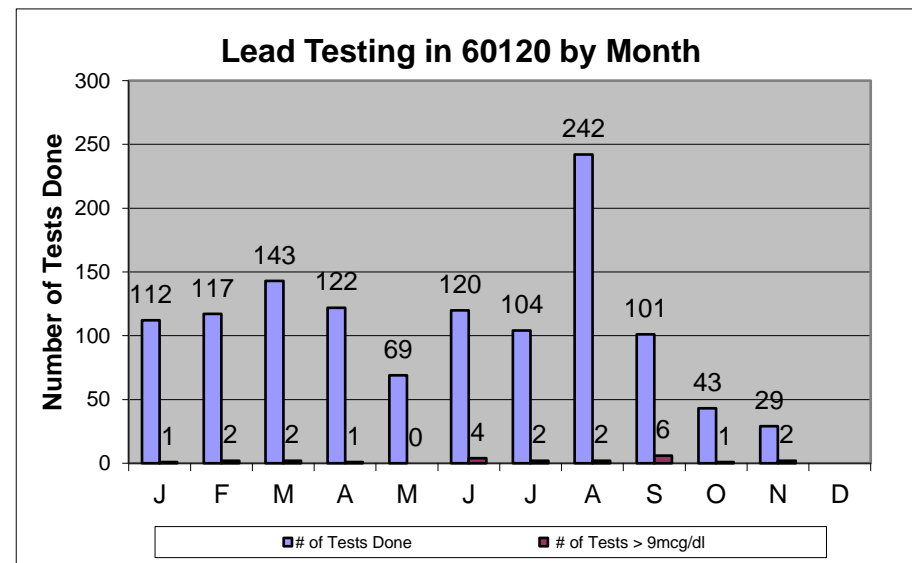
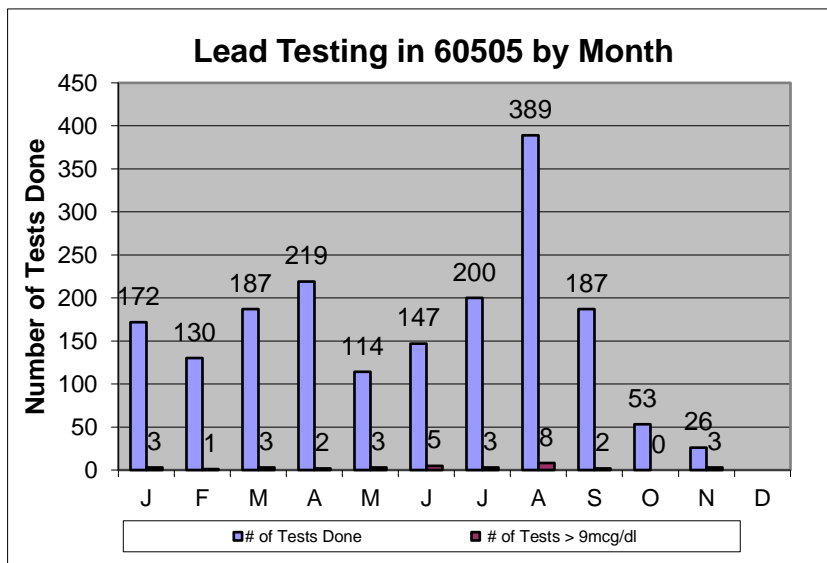
## Kane County Health Department Childhood Lead Prevention Program Case Management

<b>NEW ENROLLEE Lead Levels</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 Total</b>
<b>3 years to 6 Years</b>															
>= 20 mcg/dl	0	0	0	0	0	0	0	0	2	0	0		2	1	1
10 – 19 mcg/dl.	0	0	0	0	0	2	0	2	1	0	0		5	7	8
<b>6 Months - 3 Years</b>															
>=20 mcg/dl	3	0	0	0	0	1	0	0	1	0	1		6	6	7
10 - 19 mcg/dl	1	2	2	0	2	3	1	3	1	3	3		21	26	27
<b>Total</b>	4	2	2	0	2	6	1	5	5	3	4	0	34	40	43
<b>Open Case Load</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>			
Northern County	43	42	42	47	45	47	45	45	47	46	46				
Southern County	37	43	43	38	38	42	43	46	49	48	45				
<b>Total</b>	80	85	85	85	83	89	88	91	96	94	91	0			
	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 Total</b>
<b>Case Closures</b>	0	1	1	4	4	1	2	3	1	5	7		29	59	59
	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 Total</b>
<b>NURSE HOME VISITS</b>															
Initial Visit	4	2	2	0	2	6	1	7	4	3	4		35	42	45
Repeat Visit	11	2	8	7	11	21	9	13	5	5	3		95	111	113
<b>Total</b>	15	4	10	7	13	27	10	20	9	8	7	0	130	153	158
	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 Total</b>
<b>NURSE HOME VISITS ATTEMPTED NOT COMPLETED</b>															
	5	0	2	7	7	8	3	6	2	0	1		41	35	35
	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2017 YTD</b>	<b>2016 YTD</b>	<b>2016 Total</b>
<b>EDUCATIONAL INTERVENTIONS</b>															
Calls	34	53	41	16	50	39	51	64	50	43	68		509	490	523
Letters	63	50	84	44	74	65	56	83	36	61	35		651	905	969
Visits	17	6	13	18	22	34	18	25	12	10	8		183	223	230
Community Education	1	1	4	2	1	1	1	75	1	15	2		781	269	271
<b>Total</b>	115	110	142	80	147	139	126	923	100	129	113	0	2124	1887	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
<b>High Risk Zip Codes</b>															
<b>60505</b>															
# of Tests Done	172	130	187	219	114	147	200	389	187	53	26		1824	1669	1783
# of Tests > 9mcg/dl	3	1	3	2	3	5	3	8	2	0	3		33	35	38
<b>60120</b>															
# of Tests Done	112	117	143	122	69	120	104	242	101	43	29		1202	1254	1354
# of Tests > 9mcg/dl	1	2	2	1	0	4	2	2	6	1	2		23	24	24
<b>All Zip Codes</b>															
Tests Done	619	597	758	688	364	635	682	1,286	680	253	163		6725	6483	7001
Tests > 9mcg/dl	7	12	6	4	5	14	6	20	22	4	12		112	104	108

\* Data Not Available at Time of Printing



Kane County Health Department  
Childhood Lead Prevention Program  
Lead Testing Summary

