

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>&</sup>**

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	1
Arbovirus Unspecified	7 day	0	0	0	0	0								0	0	1
Campylobacteriosis*	24 hour	4	2	5	6	1								18	8	51
Creutzfeldt-Jakob Disease (CJD)	7 day	0	0	1	0	0								1	0	0
Cryptosporidiosis	7 day	1	0	0	1	1								3	0	3
Haemophilus Influenzae Invasive Disease	24 hour	2	0	3	0	0								5	1	5
Hepatitis A	24 hour	0	0	0	0	1								1	2	5
Hepatitis B Chronic	7 day	7	4	4	2	3								20	15	32
Hepatitis C Virus Acute Infection	7 day	0	1	0	0	0								1	1	1
Hepatitis C Virus Infection Chronic or Resolved	7 day	20	10	16	19	11								76	52	116
Histoplasmosis	7 day	0	2	0	0	1								3	3	9
Influenza with ICU Hospitalization	3 hour	0	18	14	4	0								36	19	20
Legionellosis - Legionnaires Disease	7 day	1	1	0	0	3								5	2	11
Listeria Invasive Disease	7 day	0	0	0	0	0								0	1	2
Lyme Disease	7 day	0	0	0	0	0								0	0	7
Malaria	7 day	0	0	0	0	0								0	0	1
Meningococcal (Neisseria Meningitidis) Invasive Disease	24 hour	0	0	0	0	0								0	0	1
MRSA in Infants less than 61 days	24 hour	1	0	1	0	2								4	3	5
Mumps	24 hour	0	0	4	1	7								12	3	6
Pertussis	24 hour	1	0	1	1	0								3	23	41
Rabies, Potential Human Exposure	24 hour	0	0	1	1	0								2	16	32
Salmonellosis	7 day	1	3	1	3	1								9	11	42
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	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								1	1	3
Shigellosis	7 day	0	0	0	0	1								1	3	18
Streptococcal Disease Invasive Group A	24 hour	0	1	0	2	1								4	8	12
Streptococcal Toxic Shock Syndrome <sup>%</sup>	24 hour	0	0	1	0	2								3	2	5
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	0	1	0	0	1								2	1	2
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0	1	0								1	0	1
Varicella (Chickenpox)	24 hour	0	3	2	5	5								15	27	37
Vibriosis	7 day	0	0	0	0	0								0	1	1
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0								0	0	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0								0	0	4
Zika Virus Disease, Non-Congenital <sup>††</sup>	24 hour	1	0	0	0	0								1	2	5

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

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

<sup>%</sup> Includes streptococcal necrotizing fasciitis

\* Newly reportable effective January 1, 2016

<sup>††</sup> 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								9	0	0
Non-foodborne Clusters	1	2	0	0	2								5	10	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	39	47	54	46	41								227	209	461
Non-Reportable	45	43	46	18	28								180	160	408
Transfers	49	61	65	61	56								292	255	648
<b>Education</b>															
Provider	38	27	42	29	36								172	111	298
Public	10	10	10	13	12								55	50	134
Large Group	0	0	0	0	0								0	0	1
<b>Testing</b>	0	0	0	0	2								2	0	0
<b>Specimen Collection</b>	2	0	0	0	2								4	5	29
<b>Clinical Evaluation</b>	0	0	0	0	0								0	0	0
<b>Treatment services</b>	0	0	0	0	0								0	0	0

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 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
<b>Sexually Transmitted Diseases</b>															
Chlamydia	205	192	151	186	135								869	858	2154
Gonorrhea	45	52	40	32	31								200	171	515
Syphilis (1°,2°,Latent)	4	3	3	4	1								15	14	22
Syphilis (Congenital)	0	0	0	0	0								0	0	0
Syphilis (Other)	1	1	3	1	5								11	9	17
Syphilis TOTAL	5	4	6	5	6								26	23	39

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

\* 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
<b>Disease Investigation</b>															
Reportable	305	297	206	230	181								1219	1011	3314
Non-Reportable	12	20	13	17	14								76	124	280
Transfers	5	10	5	6	2								28	80	144
<b>Education</b>															
Provider	0	5	0	0	0								5	16	27
Public	0	0	0	0	0								0	10	23
Large Group	0	0	0	0	0								0	0	1
<b>Testing</b>	0	0	0	0	0								0	0	0
<b>Specimen Collection</b>	0	0	0	0	0								0	0	0
<b>Clinical Evaluation</b>	0	0	0	0	0								0	0	0
<b>Treatment Services</b>	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								8	6	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								8	6	17
Non-Reportable	3	1	2	3	3								12	12	32
Transfers	0	0	0	0	0								0	1	1
<b>Education</b>															
Provider	48	53	52	32	18								203	140	290
Public	81	56	60	48	35								280	249	460
Large Group	23	0	1	0	0								23	2/63	2/63
<b>Testing</b>															
Skin Tests	8		10	20	10								48	50	175
Chest X-Rays	9	4	3	1	4								21	27	70
<b>Specimen Collection</b>	36	39	40	31	26								172	240	568
<b>Clinical Evaluation</b>	108	115	104	93	110								530	573	1178
<b>Treatment Services</b>	132	195	189	152	135								803	603	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								284	405	755
Patients seen	13	18	22	23	27								103	176	349
<b>RESIDENCY</b>															
Aurora	4	6	6	7	10								33	121	203
Elgin/C'ville	1	1	3	2	1								8	10	36
Tri-Cities	2	3	3	4	8								20	21	54
Other	6	8	10	10	8								42	24	56
<b>AGE</b>															
0 - 18 Years	13	18	22	23	27								103	176	349
19 - 64 Years	0	0	0	0	0								0	0	1
> 64 Years	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								19	35	56

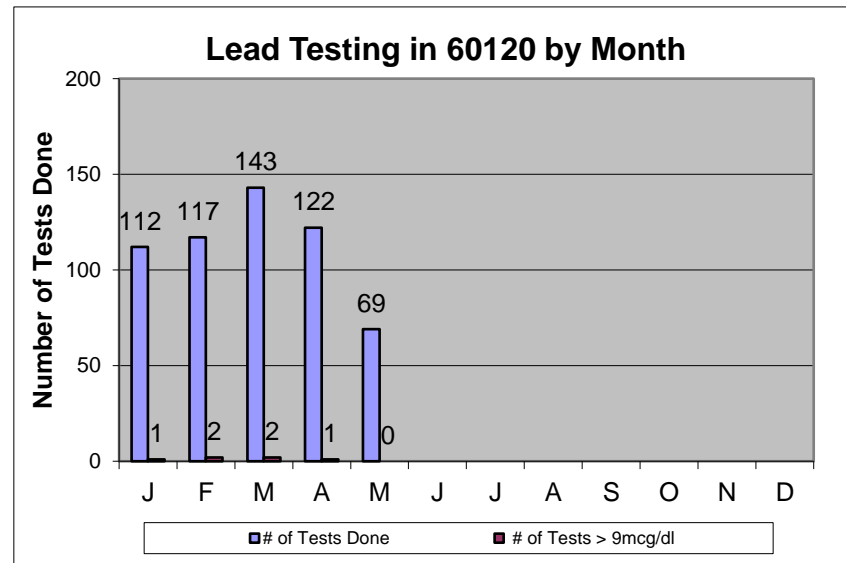
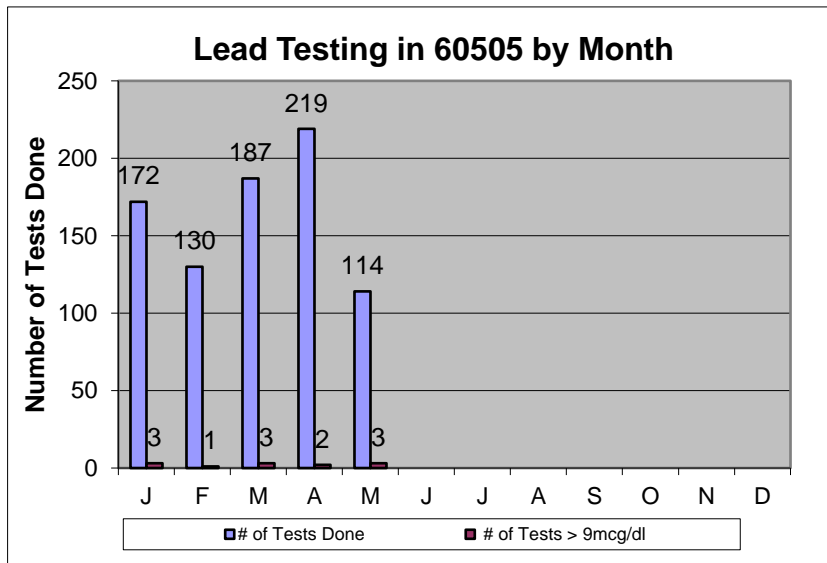
## Kane County Health Department Childhood Lead Prevention Program Case Management

<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	1	1
10 – 19 mcg/dl.	0	0	0	0	0								0	2	8
<b>6 Months - 3 Years</b>															
>=20 mcg/dl	3	0	0	0	0								3	2	7
10 - 19 mcg/dl	1	2	2	0	2								7	12	27
<b>Total</b>	4	2	2	0	2	0	0	0	0	0	0	0	10	17	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										
Southern County	37	43	43	38	38										
<b>Total</b>	80	85	85	85	83	0	0	0	0	0	0	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								10	44	59
<b>NURSE HOME VISITS</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>
Initial Visit	4	2	2	0	2								10	18	45
Repeat Visit	11	2	8	7	11								39	46	113
<b>Total</b>	15	4	10	7	13	0	0	0	0	0	0	0	49	64	158
<b>NURSE HOME VISITS ATTEMPTED NOT COMPLETED</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>
	5	0	2	7	7								21	16	35
<b>EDUCATIONAL INTERVENTIONS</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>
Calls	34	53	41	16	50								194	214	523
Letters	63	50	84	44	74								315	404	969
Visits	17	6	13	18	22								76	97	230
Community Education	1	1	4	2	1								9	7	271
<b>Total</b>	115	110	142	80	147	0	0	0	0	0	0	0	594	722	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								822	891	1783
# of Tests > 9mcg/dl	3	1	3	2	3								12	17	38
<b>60120</b>															
# of Tests Done	112	117	143	122	69								563	608	1354
# of Tests > 9mcg/dl	1	2	2	1	0								6	11	24
<b>All Zip Codes</b>															
Tests Done	619	597	758	688	364								3026	3268	7001
Tests > 9mcg/dl	7	12	6	4	5								34	51	108

\* Data Not Available at Time of Printing



Kane County Health Department  
Childhood Lead Prevention Program  
Lead Testing Summary

