

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	J	F	M	A	M	J	J	A	S	O	N	D	2019 Total	2018 Total
Acute Flaccid Myelitis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Brucellosis	24 hour	0	0	0	0	0	1	0	1	0	0	0	0	2	1
Campylobacteriosis*	24 hour	4	0	4	8	5	5	10	15	5	7	3	4	70	97
Cryptosporidiosis	7 day	0	0	0	2	0	0	1	5	2	1	1	0	12	5
Cyclosporiasis	7 day	0	1	0	0	0	0	2	1	0	0	0	0	4	35
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0	0	0	0	1	1	0	2	0
Haemophilus Influenzae Invasive Disease	24 hour	0	1	0	1	2	1	0	0	2	0	0	1	8	7
Hepatitis A	24 hour	0	0	0	0	1	0	1	0	0	1	1	0	4	1
Hepatitis B Acute	7 day	0	1	1	0	0	0	0	0	0	0	0	0	2	0
Hepatitis B Chronic	7 day	4	0	0	2	2	3	4	0	0	4	3	1	23	28
Hepatitis C Virus Acute Infection	7 day	0	0	1	0	0	1	0	1	0	0	0	0	3	3
Hepatitis C Virus Chronic Infection	7 day	6	10	4	11	11	6	13	11	19	7	10	12	120	129
Histoplasmosis	7 day	1	1	0	0	2	0	0	0	0	0	0	0	4	2
Influenza with ICU Hospitalization	24 hour	4	7	27	13	6	1	0	0	1	2	1	4	66	77
Legionellosis - Legionnaires Disease	7 day	1	0	2	0	1	1	1	10	20	8	5	0	49	17
Legionellosis - Pontiac Fever	7 day	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Lyme Disease	7 day	0	0	0	0	0	2	6	4	2	1	0	0	15	11
Malaria	7 day	0	0	0	0	1	0	0	0	0	0	0	0	1	5
Measles	24 hour	0	0	0	0	1	0	0	0	0	0	0	0	1	0
Mumps	24 hour	1	3	0	1	1	0	0	0	0	1	0	0	7	9
Pediatric Influenza Death	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Pertussis	24 hour	0	1	1	2	0	1	3	4	4	0	0	2	18	18
Rabies, Potential Human Exposure	24 hour	2	0	1	4	7	1	4	6	8	1	5	4	43	40
Salmonellosis	7 day	4	2	3	9	7	3	8	7	13	3	6	5	70	56
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	1	0	1	0	2	0	0	0	0	0	4	3
Shiga toxin-producing E. coli- Shiga toxin positive, non-O157 serotype, not cultured or serotyped	24 hour	1	0	2	2	1	1	1	3	2	1	0	0	14	6
Shigellosis	7 day	0	0	1	0	2	0	1	0	5	0	0	1	10	7
Spotted Fever Rickettsioses	7 day	0	0	0	0	0	0	0	0	1	0	0	0	1	1
Streptococcal Disease Invasive Group A <sup>%</sup>	24 hour	0	2	3	0	1	0	2	0	1	1	0	1	11	12
Streptococcal Toxic Shock Syndrome <sup>%</sup>	24 hour	0	0	3	0	0	0	0	0	0	0	0	0	3	3
Streptococcus Pneumoniae Drug Resistant Invasive Disease		0	0	0	0	1	0	0	0	0	0	0	0	1	0
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	1	0	0	1	0	0	0	0	0	0	0	0	2	0
Typhoid Fever	24 hour	1	0	0	1	0	0	0	0	0	0	0	0	2	0
Typhus Murine	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Varicella (Chickenpox)	24 hour	5	5	1	4	1	0	1	2	3	1	0	1	24	23
Vibriosis	7 day	0	0	0	0	0	0	1	0	1	2	0	0	4	2
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	4

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

\* Newly reportable effective January 1, 2016

\*\* Limited to age <5 years Effective March

<sup>2</sup> Data are provisional and subject to change

% Includes streptococcal necrotizing fasciitis

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2019 Total	2018 Total
Food/Waterborne	1	0	0	1	1	0	0	2	0	0	0	1	6	9
Non-foodborne Clusters	4	6	5	0	2	0	1	0	0	0	1	0	19	36

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2019 Total	2018 Total
<b>Disease Investigation</b>														
Reportable	36	34	55	61	54	27	61	70	89	41	35	36	599	617
Non-Reportable	42	23	44	40	44	34	45	48	56	45	34	48	503	549
Transfers	32	36	71	51	71	51	62	44	44	53	30	50	595	512
<b>Education</b>														
Provider	9	16	29	20	26	18	14	16	17	25	20	14	224	210
Public	5	6	9	10	13	14	15	6	24	5	4	11	122	101
Large Group	0	0	0	0	0	0	0	0	0	0	0	1/30	1/30	0
<b>Testing</b>	0	0	0	0	0	0	0	0	0	0	0	0	0	0
<b>Specimen Collection</b>	0	0	4	2	0	0	0	0	0	0	3	2	11	15
<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  
 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>2019 TOTAL</b>	<b>2018 TOTAL</b>
<b>Sexually Transmitted Diseases</b>														
Chlamydia	214	229	208	213	176	163	200	175	178	185	169	159	2269	2327
Gonorrhea	39	39	34	30	26	22	32	46	23	39	33	34	397	435
Syphilis (1°,2°,Latent)	2	2	2	2	2	2	4	3	0	1	0	0	20	23
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis (Other)	4	2	8	6	1	0	2	0	1	2	2	2	30	43
Syphilis TOTAL	6	4	10	8	3	2	6	3	1	3	2	2	50	66

<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>2019 TOTAL</b>	<b>2018 TOTAL*</b>
<b>HIV / AIDS</b>														
HIV Infections													***	32
AIDS													***	8

\* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report, 2018

\*\*\* Data not available at time of printing, or suppressed due to very low count

<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>2019 TOTAL</b>	<b>2018 TOTAL</b>
<b>Disease Investigation</b>														
Reportable	339	314	321	320	290	280	289	308	266	263	306	285	3581	3793
OOJs <sup>#</sup> and Transfers	80	43	71	73	83	93	53	84	65	38	104	92	879	987
Non-Reportable	7	5	10	7	2	2	6	1	2	5	6	4	57	96
<b>Education</b>														
Provider	2	6	4	2	2	4	1	4	1	2	1	1	30	21
Public	1	0	0	0	0	1	0	0	0	0	0	0	2	3
Large Group	0	0	0	0	0	0	0	0	0	0	0	1/10	1/10	0
<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

<sup>#</sup> 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	2019 TOTAL	2018 TOTAL
<b>1. DISEASE REPORTED</b>	2	4	0	2	1	3	0	0	2	1	0	0	15	10

<b>2. TUBERCULOSIS WORK UNIT</b>	J	F	M	A	M	J	J	A	S	O	N	D	2019 TOTAL	2018 TOTAL
<b>Disease Investigation</b>														
Reportable	3	3	0	2	1	3	0	0	2	1	0	0	15	10
Non-Reportable	4	4	6	13	4	7	34	5	8	6	6	4	101	63
Transfers	1	0	0	0	0	0	0	0	0	0	0	0	1	2
<b>Education</b>														
Provider	11	24	40	51	60	42	32	42	51	32	5	3	393	1028
Public	45	46	72	68	72	55	62	44	66	38	25	20	613	1136
Large Group	1	1	1	1	2	0	1	2	0	0	0	0	9	12
<b>Testing</b>														
Skin Tests	10	4	12	7	10	14	14	0	0	0	1	4	76	191
Chest X-Rays	2	2	3	0	9	3	0	0	3	0	1	0	23	43
<b>Specimen Collection</b>	32	35	26	1	36	27	30	35	29	22	14	10	297	388
<b>Clinical Evaluation</b>	52	72	62	69	84	71	8	63	63	50	36	0	630	1381
<b>Treatment Services</b>	169	116	125	56	86	86	97	124	121	139	114	120	1353	1663

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>2019 TOTAL</b>	<b>2018 TOTAL</b>
Shots given	114	143	77	131	106	259	143	65	101	432	137	130	1838	1355
Patients seen	57	60	34	69	47	210	73	29	45	281	75	70	1050	662
<b>RESIDENCY</b>														
Aurora	28	33	19	39	30	137	29	19	29	46	23	33	465	328
Elgin/C'ville	9	6	3	5	5	3	2	0	2	8	0	1	44	59
Tri-Cities	0	3	3	2	1	8	2	2	0	6	0	7	34	52
Other	20	18	7	22	11	62	19	8	13	29	7	3	219	230
<b>AGE</b>														
0 - 18 Years	49	56	30	44	45	38	53	29	45	88	58	28	563	479
19 - 64 Years	4	4	3	23	2	156	16	0	0	0	18	18	244	167
> 64 Years	0	0	1	2	0	16	4	0	0	0	0	0	23	19

<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>2019 TOTAL</b>	<b>2018 TOTAL</b>
Shots given	30	29	7	3	8	0	0	0	0	421	59	46	603	529

## 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>2019 Total</b>	<b>2018 Total</b>
<b>3 years to 6 Years</b>														
>= 20 mcg/dl	0	0	0	0	0	0	0	0	2	1	0	0	<b>3</b>	<b>3</b>
10 - 19 mcg/dl.	0	0	0	1	1	0	1	2	0	0	0	0	<b>5</b>	<b>5</b>
5 - 9 mcg/dl.*	1	1	0	2	0	0	0	2	0	2	1	0	<b>9</b>	
<b>6 Months - 3 Years</b>														
>=20 mcg/dl	0	0	0	0	1	0	0	1	1	0	1	1	<b>5</b>	<b>8</b>
10 - 19 mcg/dl	0	1	1	0	4	0	3	1	1	0	0	0	<b>11</b>	<b>23</b>
5 - 9 mcg/dl.*	1	0	1	1	2	2	1	3	4	2	2	3	<b>22</b>	
<b>Total</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>8</b>	<b>2</b>	<b>5</b>	<b>9</b>	<b>8</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>55</b>	<b>39</b>

<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	58	55	54	56	54	59	58	72	72	79	57	88
Southern County	55	55	52	51	52	57	58	58	63	70	78	88
<b>Total</b>	<b>113</b>	<b>110</b>	<b>106</b>	<b>107</b>	<b>106</b>	<b>116</b>	<b>116</b>	<b>130</b>	<b>135</b>	<b>149</b>	<b>135</b>	<b>176</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>2019 Total</b>	<b>2018 Total</b>
<b>Case Closures</b>	<b>4</b>	<b>7</b>	<b>15</b>	<b>8</b>	<b>18</b>	<b>7</b>	<b>11</b>	<b>6</b>	<b>34</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>111</b>	<b>94</b>

<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>2019 Total</b>	<b>2018 Total</b>
Initial Visit	2	2	2	4	8	2	5	9	8	5	4	4	<b>55</b>	<b>39</b>
Repeat Visit	3	10	1	9	9	0	10	19	8	9	3	3	<b>84</b>	<b>101</b>
<b>Total</b>	<b>5</b>	<b>12</b>	<b>3</b>	<b>13</b>	<b>17</b>	<b>2</b>	<b>15</b>	<b>28</b>	<b>16</b>	<b>14</b>	<b>7</b>	<b>7</b>	<b>139</b>	<b>140</b>

<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>2019 Total</b>	<b>2018 Total</b>
	4	4	1	9	9	1	3	11	8	1	10	1	<b>62</b>	<b>70</b>

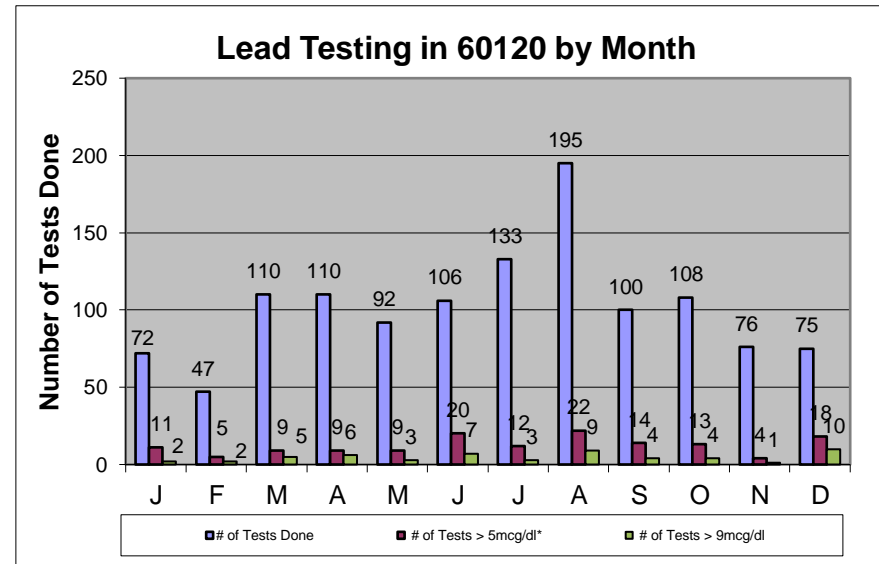
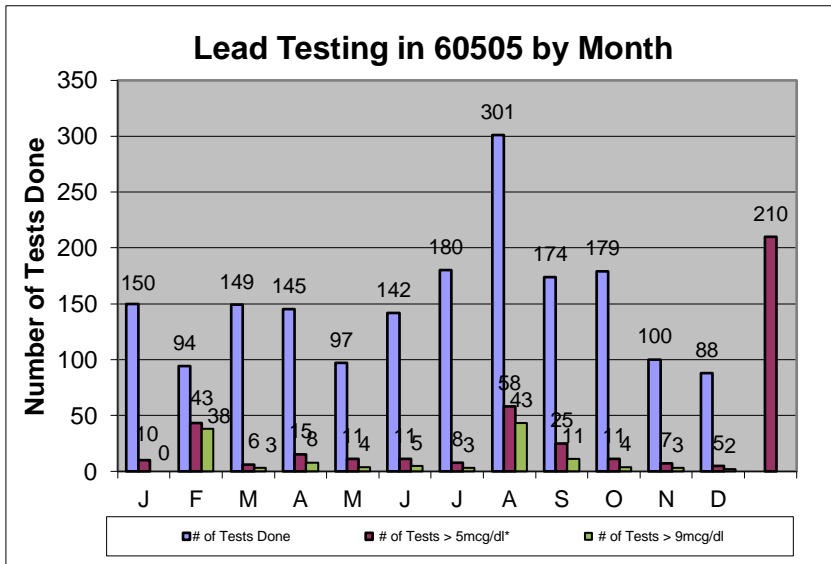
<b>EDUCATIONAL</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2019 Total</b>	<b>2018 Total</b>
Calls	50	86	91	113	113	104	137	94	124	89	68	82	<b>1151</b>	<b>927</b>
Letters	56	82	125	69	96	104	117	46	212	89	65	115	<b>1176</b>	<b>763</b>
Visits	9	23	9	28	16	11	23	27	24	7	12	12	<b>201</b>	<b>233</b>
Community Education	2	5	3	62	5	3	3	2,128	4	49	2	5	<b>2271</b>	<b>2317</b>
<b>Total</b>	<b>117</b>	<b>196</b>	<b>228</b>	<b>272</b>	<b>230</b>	<b>222</b>	<b>280</b>	<b>2295</b>	<b>364</b>	<b>234</b>	<b>147</b>	<b>214</b>	<b>4799</b>	<b>4240</b>

\* Effective 7/1/19, the "blood lead level of concern" is  $\geq 5$ mcg/dl

## 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	2019 Total	2018 Total	
<b>60505</b>															
# of Tests Done	150	94	149	145	97	142	180	301	174	179	100	88	<b>1799</b>	<b>1765</b>	
# of Tests > 9mcg/dl	0	38	3	8	4	5	3	43	11	4	3	2	<b>124</b>	<b>63</b>	
# of Tests > 5mcg/dl*	10	43	6	15	11	11	8	58	25	11	7	5	<b>210</b>		
<b>60120</b>															
# of Tests Done	72	47	110	110	92	106	133	195	100	108	76	75	<b>1224</b>	<b>1175</b>	
# of Tests > 9mcg/dl	2	2	5	6	3	7	3	9	4	4	1	10	<b>56</b>	<b>38</b>	
# of Tests > 5mcg/dl*	11	5	9	9	9	20	12	22	14	13	4	18	<b>146</b>		
<b>All Zip Codes</b>															
Tests Done	581	273	629	631	465	623	734	1,146	675	655	483	426	<b>7321</b>	<b>6524</b>	
# of Tests > 9mcg/dl	4	50	16	23	14	14	13	63	22	14	11	19	<b>263</b>	<b>170</b>	
Tests > 5mcg/dl*	36	66	29	44	33	40	32	105	67	41	32	36	<b>561</b>		

\* Effective 7/1/19, the "blood lead level of concern" is  $\geq 5\text{mcg/dl}$



Kane County Health Department  
Childhood Lead Prevention Program  
Lead Testing Summary

