

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	2020 YTD	2019 YTD	2019 Total
Brucellosis	24 hour	0	0	0	0	0	0	0	0	0	0	0		0	2	2
Campylobacteriosis*	24 hour	4	6	5	0	4	1	5	8	9	3	6		51	66	70
Coronavirus Novel 2019***	3 hour	0	0	144	1618	4674	1349	1415	2189	2043	5624	13822		32878	0	0
Cryptosporidiosis	7 day	0	0	0	0	0	1	2	3	2	2	0		10	12	13
Cyclosporiasis	7 day	0	0	0	0	0	9	3	1	1	0	0		14	4	4
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0	0	0	0	1	1		2	2	2
Haemophilus Influenzae Invasive Disease	24 hour	0	1	1	0	0	0	0	0	0	0	0		2	7	8
Hemolytic Uremic Syndrome Post Diarrheal	7 day	0	0	0	0	0	0	0	0	1	0	0		1	0	0
Hepatitis A	24 hour	1	0	1	0	0	0	0	0	0	0	0		2	4	4
Hepatitis B Acute	7 day	1	0	0	0	0	0	0	0	0	0	0		1	2	2
Hepatitis B Chronic	7 day	3	2	1	0	0	0	0	0	3	1	6		16	22	24
Hepatitis C Virus Acute Infection	7 day	0	0	0	0	0	0	0	0	0	0	0		0	3	3
Hepatitis C Virus Chronic Infection	7 day	7	5	6	1	1	3	6	7	4	10	4		54	108	120
Histoplasmosis	7 day	1	1	0	0	0	0	0	0	0	0	0		2	4	4
Influenza with ICU Hospitalization	24 hour	17	27	5	1	0	0	0	0	0	0	0		50	62	69
Legionellosis - Legionnaires Disease	7 day	4	0	0	0	0	1	2	1	2	0	0		10	49	50
Legionellosis - Pontiac Fever	7 day	0	0	0	0	0	0	0	0	0	0	0		0	1	1
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	1		1	0	0
Lyme Disease	7 day	1	0	0	1	0	1	3	6	5	1	4		22	15	15
Malaria	7 day	0	0	0	0	0	0	0	0	0	0	0		0	1	1
Measles	24 hour	0	0	0	0	0	0	0	0	0	0	0		0	1	1
Multisystem Inflammatory Syndrome	24 hour	0	0	0	0	1	1	1	0	0	0	0		3	0	0
Mumps	24 hour	0	1	0	0	0	0	0	0	0	0	0		1	7	7
Paratyphi A	7 day	0	0	0	0	0	0	0	3	0	0	0		3	0	0
Pertussis	24 hour	0	2	2	0	0	0	0	0	0	0	0		4	16	19
Rabies, Potential Human Exposure	24 hour	0	2	1	0	0	1	9	9	0	1	0		23	39	49
Salmonellosis	7 day	0	3	0	0	2	2	10	6	3	3	0		29	65	72
Shiga toxin-producing E.coli (STEC)-O157:H7	24 hour	0	0	0	0	0	0	1	0	0	0	0		1	4	4
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype, not cultured or	24 hour	1	5	1	0	0	0	3	1	1	2	0		14	14	14
Shigellosis	7 day	2	1	0	0	1	0	0	0	0	1	0		5	9	12
Spotted Fever Rickettsioses	7 day	0	0	0	0	0	0	0	0	0	0	0		0	1	1
Streptococcal Disease Invasive Group A <sup>%</sup>	24 hour	2	3	0	1	2	2	0	0	3	1	1		15	10	11
Streptococcal Toxic Shock Syndrome <sup>%</sup>	24 hour	0	0	0	0	0	0	0	0	0	0	0		0	3	3
Streptococcus Pneumoniae - Drug Resistant Invasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0		0	1	1
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	0	0	0	0	0	0	0	0	0	0	0		0	2	2
Typhoid Fever	24 hour	0	0	0	0	0	0	0	0	0	0	0		0	2	2
Varicella (Chickenpox)	24 hour	3	7	0	0	0	0	0	0	0	0	1		11	23	24
Vibriosis	7 day	0	0	0	0	1	0	0	0	0	0	0		1	4	4

<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      \*\*\* Coronavirus Novel 2019 is reportable in 3 hours

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 YTD	2019 Total
Food/Waterborne	0	2	0	0	0	0	0	0	0	0	0		2	5	6
Non-foodborne Clusters	7	5	9	38	60	21	22	22	21	44	50		299	18	19

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 YTD	2019 Total
<b>Disease Investigation</b>															
Reportable	47	66	167	1622	4686	1371	1460	2234	2077	5650	13846		33226	529	618
Non-Reportable	51	43	37	13	20	40	34	31	44	50	37		400	421	510
Transfers	46	41	75	45	15	30	46	73	70	52	60		553	515	595
<b>Education</b>															
Provider	38	53	180	19	24	25	33	18	21	38	27		476	190	224
Public	18	31	1128	737	585	357	468	543	793	712	72		5444	107	122
Large Group	0	0	0	0	0	0	0	0	0	0	0		0	0	1/30
<b>Testing</b>	0	0	0	0	0	0	1622	1493	146	262	148		3671	0	0
<b>Specimen Collection</b>	0	8	0	0	0	0	0	0	0	0	0		8	6	11
<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  
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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.

<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>2020 YTD</b>	<b>2019 YTD</b>	<b>2019 Total</b>
<b>Sexually Transmitted Diseases</b>															
Chlamydia	206	168	146	97	115	159	170	159	130	136	74		1560	2244	2437
Gonorrhea	38	26	14	23	34	24	34	38	26	42	24		323	382	421
Syphilis (1°,2°,Latent)	1	3	0	0	2	0	4	1	0	0	0		11	22	22
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0		0	0	0
Syphilis (Other)	5	5	4	2	0	2	4	5	11	4	0		42	28	28
Syphilis TOTAL	6	8	4	2	2	2	8	6	11	4	0		53	50	50

<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>2020 YTD</b>	<b>2019 YTD*</b>	<b>2019 Total*</b>
<b>HIV / AIDS</b>															
HIV Infections													***	***	22
AIDS													***	***	5

\* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report 2019

\*\*\* 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>2020 YTD</b>	<b>2019 YTD</b>	<b>2019 Total</b>
<b>Disease Investigation</b>															
Reportable	245	197	160	120	151	183	208	198	156	178	98		1894	3508	3797
OOJs <sup>#</sup> and Transfers	104	112	26	21	41	21	101	62	77	25	68		658	840	897
Non-Reportable	5	6	5	4	2	3	9	14	13	7	0		68	53	57
<b>Education</b>	0														
Provider	1	2	3	0	1	0	6	2	1	2	1		19	29	30
Public	0	0	0	0	0	0	1	0	0	1	1		3	2	2
Large Group	0	0	0	0	0	0	0	0	0	0	0		0	0	1/10
<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.

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.

**TB Program**

<b>2020</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>2020 YTD</b>	<b>2019 Total</b>
<b>DISEASE REPORTED</b>	0	0	0	0	2	2	0	0	2	1	0		7	15
<b>TUBERCULOSIS 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>2020 YTD</b>	<b>2019 Total</b>
<b>Disease Investigation</b>														
Reportable	0	0	0	0	2	2	0	0	1	1	0		6	15
Non-Reportable	4	4	9	1	6	7	6	2	6	8	9		62	101
Transfers	0	0	1	0	0	0	1	0	0	0	0		2	1
<b>Education</b>														
Provider	15	31	135	17	16	15	11	26	20	21	16		323	393
Public	40	40	84	30	21	18	18	30	19	12	8		320	613
Large Group	0	0	8	0	0	0	0	0	0	0	0		8	9
<b>Testing</b>														
Skin Tests	7	2	12	28	10	12	2	3	3	6	4		89	76
Chest X-Rays	5	3	2	0	1	0	0	0	1	0	0		12	23
<b>Specimen Collection</b>	12	9	17	7	8	0	10	9	4	4	5		85	297
<b>Clinical Evaluation</b>	4	54	1	0	0	0	0	1	1	1	15		77	630
<b>Treatment Services</b>	115	65	67	66	52	33	22	37	42	50	40		589	1353

KANE COUNTY DEPARTMENT OF HEALTH  
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 Immunization Services 2020

<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>
Shots given	122	108	58	0	0	40	94	90	145	164
Patients seen	66	45	29	0	0	17	41	43	58	64
<b>RESIDENCY</b>										
Aurora	24	27	15	0	0	14	30	27	37	39
Elgin/C'ville	3	1	1	0	0	0	2	2	3	2
Tri-Cities	3	6	1	0	0	0	0	2	5	4
Other	6	4	7	0	0	0	8	3	11	11
<b>AGE</b>										
0 - 18 Years	50	44	24	0	0	17	41	43	58	63
19 - 64 Years	14	0	4	0	0	0	0	0	0	1
> 64 Years		0	1	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>
Shots given	49	20	16	0	0	5	0	0	9	31

<b>N</b>	<b>D</b>	<b>2020 YTD</b>	<b>2019 MTD</b>	<b>2019 YTD</b>
253		657	143	1838
153		299	73	1050
45		174	29	465
5		12	2	44
4		17	2	34
14		39	19	219
86		277	53	563
68		18	16	244
2		1	4	23
<b>N</b>	<b>D</b>	<b>2020 YTD</b>	<b>2019 MTD</b>	<b>2019 YTD</b>
128		99	0	603

## 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>2020</b>	<b>2019 YTD</b>	<b>2019 Total</b>
<b>3 years to 6 Years</b>															
>/= 20 mcg/dl	0	0	0	0	1	0	0	0	2	0	0		3	0	3
10 – 19 mcg/dl.	1	0	0	0	0	0	1	1	0	0	0		3	0	5
5 – 9 mcg/dl.*	1	3	0	0	0	1	2	0	4	0	1		12	1	9
<b>6 Months - 3 Years</b>															
>/=20 mcg/dl	0	2	0	0	0	0	0	0	1	1	0		4	0	5
10 - 19 mcg/dl	1	1	0	0	1	1	0	2	1	1	0		8	0	11
5 – 9 mcg/dl.*	4	4	7	0	0	1	7	4	3	11	3		44	1	22
<b>Total</b>	7	10	7	0	2	3	10	7	11	13	4	0	74	2	55

<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	80	84	84	82	85	87	82	92	100	106	105	
Southern County	80	80	79	77	79	79	84	84	87	93	92	
<b>Total</b>	160	164	163	159	164	166	166	176	187	199	197	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>2020</b>	<b>2019 YTD</b>	<b>2019 Total</b>
<b>Case Closures</b>	71	0	7	39	7	7	0	0	0	0	15		146	4	111

<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>2020</b>	<b>2019 YTD</b>	<b>2019 Total</b>
Initial Visit	7	10	7	0	2	3	0	0	0	0	0		29	2	55
Repeat Visit	4	4	4	0	0	0	0	0	0	0	0		12	3	84
<b>Total</b>	11	14	11	0	2	3	0	0	0	0	0	0	41	5	139

<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>2020 YTD</b>	<b>2019 YTD</b>	<b>2019 Total</b>
	11	4	4	0	0	0	0	0	0	0	0		19	4	62

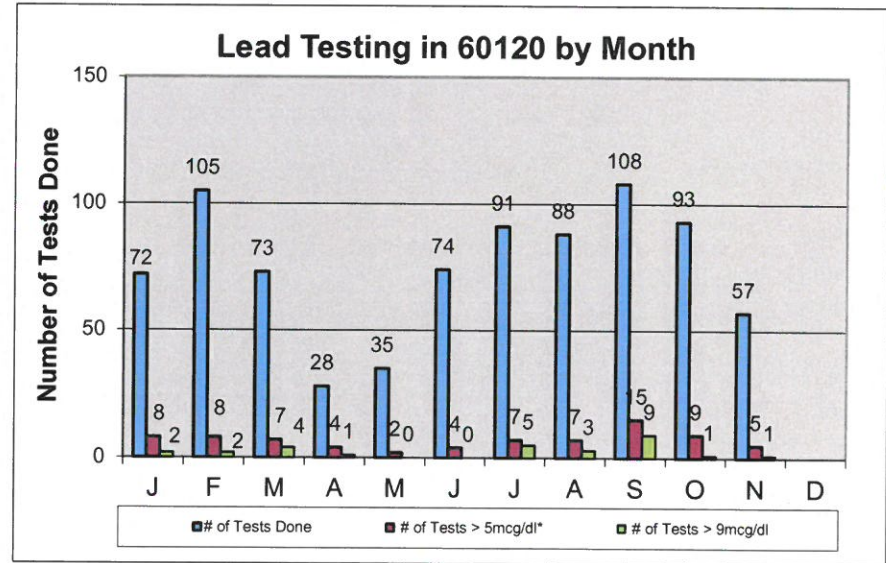
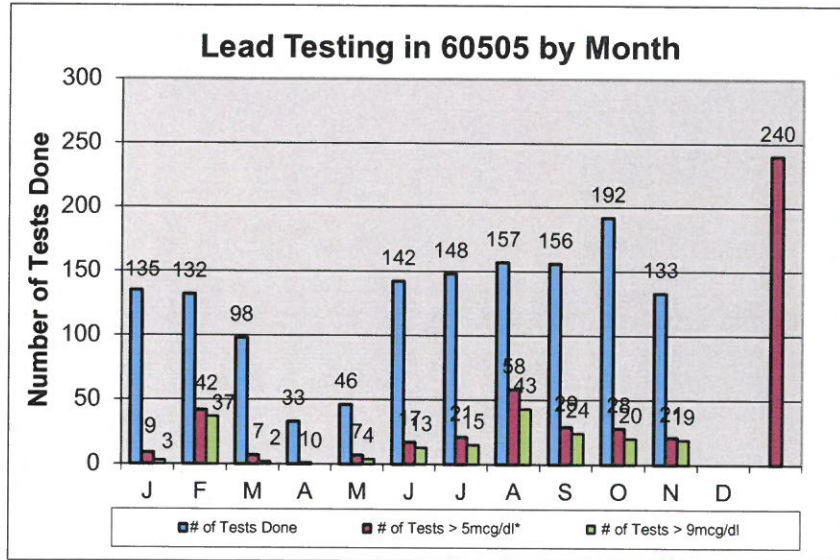
<b>EDUCATIONAL</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2020</b>	<b>2019 YTD</b>	<b>2019 Total</b>
Calls	70	74	99	128	139	165	128	115	126	129	135		1308	50	1151
Letters	80	112	78	40	146	53	67	40	70	65	49		800	56	1176
Visits	10	21	20	0	0	6	27	35	19	28	4		170	9	201
Community Education	24	3	1	0	0	0	0	0	0	40	5		73	2	2271
<b>Total</b>	184	210	198	168	285	224	222	190	215	262	193	0	2351	117	4799

\* 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	2020 YTD	2019 YTD	2019 Total
<b>60505</b>															
# of Tests Done	135	132	98	33	46	142	148	157	156	192	133		1372	150	1799
# of Tests > 9mcg/dl	3	37	2	0	4	13	15	43	24	20	19		180	0	124
# of Tests > 5mcg/dl*	9	42	7	1	7	17	21	58	29	28	21		240	10	210
<b>60120</b>															
# of Tests Done	72	105	73	28	35	74	91	88	108	93	57		824	72	1224
# of Tests > 9mcg/dl	2	2	4	1	0	0	5	3	9	1	1		28	2	56
# of Tests > 5mcg/dl*	8	8	7	4	2	4	7	7	15	9	5		76	11	146
<b>All Zip Codes</b>															
Tests Done	544	540	421	145	228	553	597	650	624	637	485		5424	581	7321
# of Tests > 9mcg/dl	6	47	11	3	11	27	39	64	61	42	40		351	4	263
Tests > 5mcg/dl*	23	70	28	9	21	42	59	96	83	63	60		554	36	561

\* 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

