

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	Report Time	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD	2021 Total
Acute Pediatric Hepatitis	3 hour	0	0	0	1									1	0	0
Anaplasma phagocytophilum	7 day	0	0	0	0									0	0	1
Campylobacteriosis	24 hour	7	3	10	11									31	18	100
Candida auris, clinical**	7 day	0	0	1	0									1	1	1
Carbapenem Resistant Organisms	7 day	1	2	0	2									5	1	3
Chikungunya Neuroinvasive Disease	7 day	0	0	0	0									0	0	1
Coronavirus Novel 2019***	3 hour	31645	4906	1296	3053									40900	15327	47272
Cryptosporidiosis	7 day	0	0	4	4									8	7	24
Cyclosporiasis	7 day	0	0	0	0									0	0	11
Dengue and Dengue-like Illness	7 day	0	0	0	0									0	0	1
Ehrlichia chaffeensis (formerly HME)	7 day	0	0	0	0									0	0	1
Haemophilus Influenzae Invasive Disease	24 hour	2	0	1	0									3	0	2
Hepatitis A	24 hour	0	0	1	1									2	1	3
Hepatitis B Acute	7 day	0	0	0	0									0	1	1
Hepatitis B Chronic	7 day	4	3	1	1									9	4	27
Hepatitis C Virus Acute Infection	7 day	2	0	1	0									3	0	2
Hepatitis C Virus Chronic Infection	7 day	5	5	6	7									23	45	116
Histoplasmosis	7 day	1	0	2	0									3	2	7
Influenza with ICU Hospitalization	24 hour	0	1	1	5									7	0	2
Legionellosis - Legionnaires Disease	7 day	1	0	1	0									2	1	25
Listeria Invasive Disease	7 day	0	0	0	1									1	0	1
Lyme Disease	7 day	0	0	0	1									1	3	33
Malaria	7 day	0	0	0	0									0	0	1
Multisystem Inflammatory Syndrome	24 hour	2	0	0	0									2	3	5
Rabies, Potential Human Exposure	24 hour	4	2	8	7									21	14	82
Salmonellosis	7 day	1	1	0	4									6	13	78
Shiga toxin-producing E.coli O157:H7	24 hour	0	1	0	2									3	0	3
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype	24 hour	0	1	3	2									6	1	19
Shigellosis	7 day	1	1	1	1									4	2	5
Streptococcal Disease Invasive Group A%	24 hour	0	2	0	0									2	1	5
Streptococcus Pneumoniae*	7 day	0	0	1	2									0	0	1
Streptococcal Toxic Shock Syndrome	24 hour	0	0	0	1									1	0	0
Typhoid Fever	24 hour	0	0	0	0									0	1	2
Varicella (Chickenpox)	24 hour	0	0	0	0									0	1	8
Vibriosis	7 day	0	1	0	1									2	1	9
Vibrio cholera	24 hour	0	1	0	0									1	0	0
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0									0	0	2

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

\* Non Drug Resistant Invasive Disease (< 5 years)

\*\* Candida auris, clinical, is reportable effective Jan 1, 2019

<sup>2</sup> Data are provisional, 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	2022 YTD	2021 YTD	2021 Total
Food/Waterborne	0	1	1	1									3	0	0
Non-foodborne Clusters	19	16	21	25									81	37	186

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD	2021 Total
<b>Disease Investigation</b>															
Reportable	31676	4929	1339	3107									41051	15448	47854
Non-Reportable	990	180	59	313									1542	687	2045
Transfers	1470	806	2245	386									4907	4314	8467
<b>Education</b>															
Provider	4	9	19	9									41	54	163
Public	1030	258	168	216									1672	29952	37015
Large Group	0	0	0	0									0	0	0
<b>Testing</b>	15480	3524	1049	11752									31805	27952	123472
<b>Specimen Collection</b>	0	0	0	0									0	0	1
<b>Clinical Evaluation</b>	0	0	0	0									0	0	0
<b>Treatment Services</b>	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>2022 YTD</b>	<b>2021 YTD</b>	<b>2021 Total</b>
<b>Sexually Transmitted Diseases</b>															
Chlamydia	170	178	192	165									705	653	2019
Gonorrhea	35	36	31	33									135	182	462
Syphilis (1°,2°,Latent)	0	0	0	0									0	17	23
Syphilis (Congenital)	0	0	0	0									0	0	0
Syphilis (Other)	6	1	0	0									7	29	75
Syphilis TOTAL	6	1	0	0	0	0	0	0	0	0	0	0	7	46	98

<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>2022 YTD</b>	<b>2021 YTD</b>	<b>2021 Total</b>
<b>HIV / AIDS</b>															
HIV Infections													***	***	***
AIDS													***	***	***

\*\*\* 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>2022 YTD</b>	<b>2021 YTD</b>	<b>2021 Total</b>
<b>Disease Investigation</b>															
Reportable	205	214	223	198									840	853	2505
OOJs <sup>#</sup> and Transfers	189	122	121	56									488	1679	3626
Non-Reportable	9	1	0	0									10	45	118
<b>Education</b>															
Provider	1	2	1	0									4	5	14
Public	1	0	0	0									1	0	1
Large Group	0	0	0	0									0	0	0
<b>Testing</b>	0	0	0	0									0	0	0
<b>Specimen Collection</b>	0	0	0	0									0	0	0
<b>Clinical Evaluation</b>	0	0	0	0									0	0	0
<b>Treatment Services</b>	0	0	0	0									0	0	0

<sup>#</sup> OOJ = Out of jurisdiction reportable STD cases that KCHD completed surveillance and intervention process.





## Lead Case Management 2022

<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>2022 YTD</b>	<b>2021 YTD</b>
<b>3 years to 6 Years</b>														
>/= 20 mcg/dl	0	0	0	1	0	0	0	0	0	0	0	0	1	3
10 – 19 mcg/dl.	0	0	1	1	0	0	0	0	0	0	0	0	2	6
5 – 9 mcg/dl.*	2	2	4	2	0	0	0	0	0	0	0	0	10	26
<b>6 Months - 3 Years</b>														
>/=20 mcg/dl	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10 - 19 mcg/dl	0	0	3	1	0	0	0	0	0	0	0	0	4	14
5 – 9 mcg/dl.*	1	2	7	2	0	0	0	0	0	0	0	0	12	37
<b>Total</b>	3	4	15	7	0	0	0	0	0	0	0	0	29	87

<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	118	123	223	204	0	0	0	0	0	0	0	0
Southern County	139	134	114	138	0	0	0	0	0	0	0	0
<b>Total</b>	257	257	337	342	0	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>2022 YTD</b>	<b>2021 YTD</b>
<b>Case Closures</b>	24	2	43	5									74	110

<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>2022 YTD</b>	<b>2021 YTD</b>
Initial Visit	0	0	1	2	0	0	0	0	0	0	0	0	3	7
Repeat visit	0	0	0	0	0	0	0	0	0	0	0	0	0	4
<b>Total</b>	0	0	1	2	0	0	0	0	0	0	0	0	3	11

<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>2022 YTD</b>	<b>2021 YTD</b>
	0	0	2	2	0	0	0	0	0	0	0	0	4	0

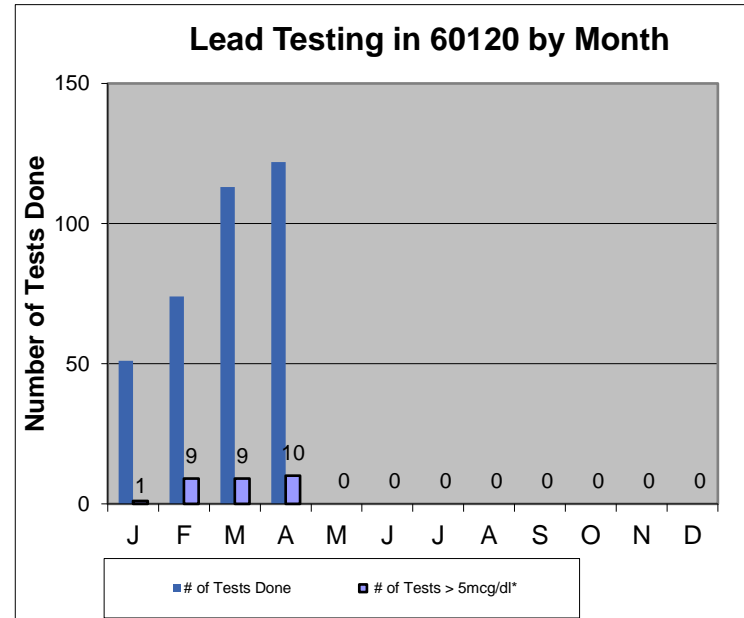
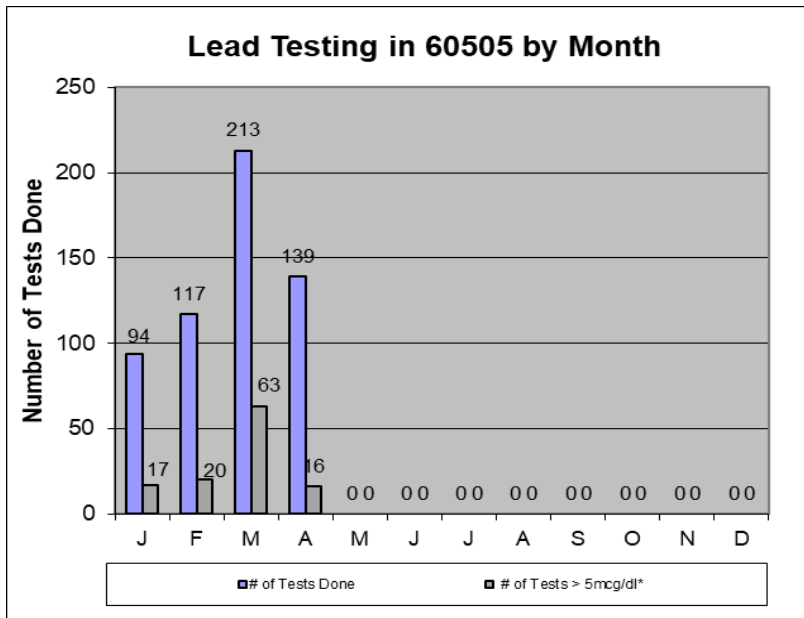
<b>EDUCATIONAL INTERVENTIONS</b>	<b>J</b>	<b>F</b>	<b>M</b>	<b>A</b>	<b>M</b>	<b>J</b>	<b>J</b>	<b>A</b>	<b>S</b>	<b>O</b>	<b>N</b>	<b>D</b>	<b>2022 YTD</b>	<b>2021 YTD</b>
Calls	68	89	78	54	0	0	0	0	0	0	0	0	289	1683
Letters	51	32	33	23	0	0	0	0	0	0	0	0	139	695
visits	9	30	28	15	0	0	0	0	0	0	0	0	82	282
Community Education	0	7	45	1	0	0	0	0	0	0	0	0	53	510
<b>Total</b>	128	158	184	93	0	0	0	0	0	0	0	0	563	3170

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

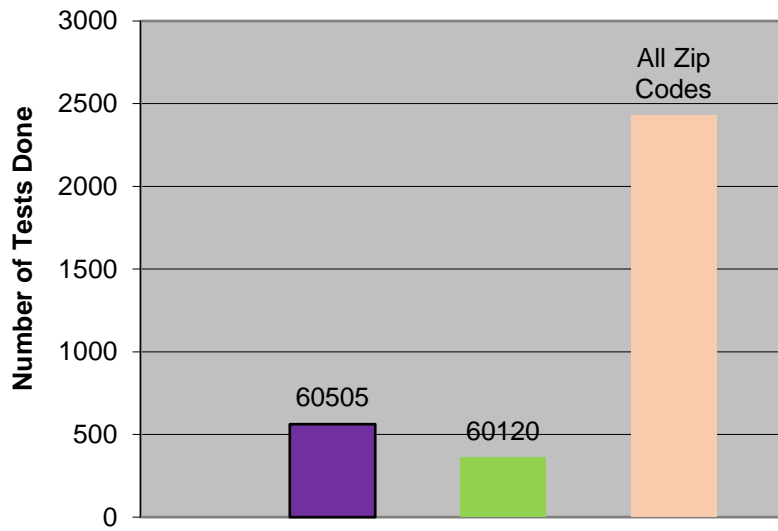
## Lead Testing 2022

High Risk Zip Codes	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
<b>60505</b>														
# of Tests Done	94	117	213	139	0	0	0	0	0	0	0	0	563	1783
# of Tests > 5mcg/dl*	17	20	63	16	0	0	0	0	0	0	0	0	116	351
<b>60120</b>														
# of Tests Done	51	74	113	122	0	0	0	0	0	0	0	0	360	1016
# of Tests > 5mcg/dl*	1	9	9	10	0	0	0	0	0	0	0	0	29	113
<b>All Zip Codes</b>														
Tests Done	442	511	783	693	0	0	0	0	0	0	0	0	2429	7102
Tests > 5mcg/dl*	44	55	119	60	0	0	0	0	0	0	0	0	278	826

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



### Lead Tests Performed by Zipcode



### Lead Tests > 5 mcg/dl by Zipcode

