

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 hr.	0	0	0	1	0	0							1	0	0
Anaplasma phagocytophilum	7 day	0	0	0	0	0	0							0	0	1
Campylobacteriosis	24 hr.	7	3	10	11	9	11							51	40	100
Candida auris, clinical**	7 day	0	0	1	0	0	0							1	1	1
Carbapenem Resistant Organisms	7 day	1	2	0	2	0	1							6	1	3
Chikungunya Neuroinvasive Disease	7 day	0	0	0	0	0	0							0	0	1
Coronavirus Novel 2019***	3 hr.	31517	4872	1285	3027	6737	3952							51390	17638	47272
Cryptosporidiosis	7 day	0	0	4	5	1	0							10	9	24
Cyclosporiasis	7 day	0	0	0	0	1	3							4	2	11
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0							0	0	1
Ehrlichia chaffeensis (formerly HME)	7 day	0	0	0	0	0	1							1	0	1
Haemophilus Influenzae Invasive Disease	24 hr.	2	0	1	0	2	1							6	0	2
Hepatitis A	24 hr.	0	0	1	1	1	0							3	1	3
Hepatitis B Acute	7 day	0	0	0	0	0	0							0	1	1
Hepatitis B Chronic	7 day	4	3	2	1	2	1							13	10	27
Hepatitis C Virus Acute Infection	7 day	2	0	1	0	0	0							3	0	2
Hepatitis C Virus Chronic Infection	7 day	5	6	6	7	3	0							27	62	116
Histoplasmosis	7 day	1	0	2	0	0	0							3	2	7
Influenza with ICU Hospitalization	24 hr.	0	1	1	5	5	1							13	0	2
Legionellosis - Legionnaires Disease	7 day	1	0	1	0	1	5							8	5	25
Listeria Invasive Disease	7 day	0	0	0	1	0	0							1	0	1
Lyme Disease	7 day	0	0	0	1	2	3							6	8	33
Malaria	7 day	0	0	0	0	0	0							0	0	1
Monkeypox***	3 hr.	0	0	0	0	0	1							1	0	0
Multisystem Inflammatory Syndrome	24 hr.	2	0	0	0	0	0							2	3	5
Rabies, Potential Human Exposure	24 hr.	4	2	8	7	7	4							32	29	82
Salmonellosis	7 day	1	1	0	4	5	5							16	19	78
Shiga toxin-producing E.coli O157:H7	24 hr.	0	1	0	2	0	3							6	1	3
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype	24 hr.	0	1	2	2	1	4							10	8	19
Shigellosis	7 day	1	1	1	1	1	1							6	2	5
Streptococcal Disease Invasive Group A <sup>®</sup>	24 hr.	0	2	0	0	0	2							4	3	5
Streptococcal Toxic Shock Syndrome	24 hr.	0	0	1	1	0	0							2	0	0
Streptococcus Pneumoniae*	7 day	0	0	1	2	0	0							0	0	1
Typhoid Fever	24 hr.	0	0	0	0	0	0							0	2	2
Varicella (Chickenpox)	24 hr.	0	0	0	0	0	1							1	2	8
Vibrio cholera	24 hr.	0	1	0	0	0	0							1	0	0
Vibriosis	7 day	0	0	0	1	1	0							2	1	9
West Nile Virus Neuroinvasive Disease	7 day	0	0	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      \*\*\* Diseases 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	0	0							3	0	0
Non-foodborne Clusters	19	16	21	25	35	10							126	48	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	31548	4896	1328	3082	6779	4000							51633	17850	47854
Non-Reportable	1113	228	79	343	180	161							2104	904	2045
Transfers	1543	879	2487	422	734	931							6996	5417	8467
<b>Education</b>															
Provider	4	9	19	9	15	10							66	72	163
Public	1030	258	168	216	262	1128							3062	32609	37015
Large Group	0	0	0	0	0	0							0	0	0
<b>Testing</b>	15480	3524	1049	11752	3615	900							36320	29872	123472
<b>Specimen Collection</b>	0	0	0	0	1	0							1	1	1
<b>Clinical Evaluation</b>	0	0	0	0	0	0							0	0	0
<b>Treatment Services</b>	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>2022 YTD</b>	<b>2021 YTD</b>	<b>2021 Total</b>
<b>Sexually Transmitted Diseases</b>															
Chlamydia	164	173	206	179	160	173							1055	962	<b>2019</b>
Gonorrhea	34	38	31	33	35	36							207	259	<b>462</b>
Syphilis (1°,2°,Latent)	0	0	0	0	0	0							0	21	<b>23</b>
Syphilis (Congenital)	0	0	0	0	0	0							0	0	<b>0</b>
Syphilis (Other)	7	1	0	0	5	0							13	40	<b>75</b>
Syphilis TOTAL	7	1	0	0	5	0							13	<b>61</b>	<b>98</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>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	198	211	237	212	195	209							1262	1040	<b>2505</b>
OOJs <sup>#</sup> and Transfers	234	151	152	71	159	181							948	1896	<b>3626</b>
Non-Reportable	14	2	4	0	5	0							25	53	<b>118</b>
<b>Education</b>															
Provider	1	2	1	0	0	0							4	5	<b>14</b>
Public	1	0	0	0	0	0							1	0	<b>1</b>
Large Group	0	0	0	0	0	0							0	0	<b>0</b>
<b>Testing</b>	0	0	0	0	0	0							0	0	<b>0</b>
<b>Specimen Collection</b>	0	0	0	0	0	0							0	0	<b>0</b>
<b>Clinical Evaluation</b>	0	0	0	0	0	0							0	0	<b>0</b>
<b>Treatment Services</b>	0	0	0	0	0	0							0	0	<b>0</b>

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



# Kane County Department of Public Health Tuberculosis Monitor

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>TB Program</b>														
2022	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2022 Total
DISEASE REPORTED	0	0	0	0	2	0								
TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2021YTD	2020 Total
Disease Investigation														
Reportable	0	0	0	0	2	0								
Non-Reportable	35	5	10	10	14	17								
Transfers	0	0	0	0	0	0								
Education														
Provider	20	15	22	35	38	42								
Public	9	10	20	28	30	8								
Large Group	0	0	0	0	0	0								
Testing														
Skin Tests	8	1	1	2	4	1								
Chest X-Rays	0	0	1	1	0	1								
Specimen Collection	8	2	3	2	0	5								
Clinical Evaluation	3	0	12	15	18	31								
Treatment Services	119	108	141	126	93	89								



KANE COUNTY DEPARTMENT OF HEALTH  
Disease Prevention Monthly Report  
Immunization Services 2022

VACCINES (Excludes Influenza & COVID)														
	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
<b>Shots given</b>	41	59	74	73	44	54							345	813
<b>Patients seen</b>	20	24	30	29	19	25							147	387
RESIDENCY														
<b>Aurora</b>	15	15	18	20	15	13							96	254
<b>Elgin/C'ville</b>	2	2	0	2	0	4							10	33
<b>Tri-Cities</b>	0	1	1	2	0	4							8	44
<b>Other</b>	3	6	11	5	4	4							33	62
AGE														
<b>0 - 18 Years</b>	20	24	30	29	19	25							147	420
<b>19 - 64 Years</b>	1	0	0	0	0	0							1	0
<b>&gt; 64 Years</b>	0	0	0	0	0	0							0	0
<b>Influenza Vaccine Given</b>	10	3	9	4	2	3							31	188101
<b>COVID Vaccine Given</b>	3623	620	210	1038	206	215							5912	187926
<b>Total VACCINES Given</b>	3664	679	284	1111	225	240							5943	376027

## 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	1	0	0	0	0	0	0	3	6
5 – 9 mcg/dl.*	2	2	4	2	1	3	0	0	0	0	0	0	14	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	1	0	0	0	0	0	0	5	14
5 – 9 mcg/dl.*	1	2	7	2	3	1	0	0	0	0	0	0	16	37
<b>Total</b>	3	4	15	7	4	6	0	0	0	0	0	0	39	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	207	217	0	0	0	0	0	0
Southern County	139	134	114	138	142	150	0	0	0	0	0	0
<b>Total</b>	257	257	337	342	349	367	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	1	3							78	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	80	78	0	0	0	0	0	0	447	1683
Letters	51	32	33	23	74	51	0	0	0	0	0	0	264	695
visits	9	30	28	15	21	36	0	0	0	0	0	0	139	282
Community Education	0	7	45	1	80	24	0	0	0	0	0	0	157	510
<b>Total</b>	128	158	184	93	255	189	0	0	0	0	0	0	1007	3170

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