

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^{1,2}

DISEASE REPORTED	Report Time	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD	2021 Total
Anaplasma phagocytophilum	7 day	0	0											0	0	1
Campylobacteriosis	24 hr.	7	3											10	12	100
Candida auris, clinical**	7 day	0	0											0	1	1
Carbapenem Resistant Acinetobacter	7 day	0	1												0	
Carbapenem Resistant Enterobacteriaceae	7 day	1	1											2	1	3
Chikungunya Neuroinvasive Disease	7 day	0	0											0	0	1
Coronavirus Novel 2019***	3 hr.	32247	4921											37168	8905	47272
Cryptosporidiosis	7 day	0	0											0	0	24
Cyclosporiasis	7 day	0	0											0	0	11
Dengue and Dengue-like Illness	7 day	0	0											0	0	1
Ehrlichia chaffeensis (formerly HME)	7 day	0	0											0	0	1
Haemophilus Influenzae Invasive Disease	24 hr.	2	0											2	0	2
Hepatitis A	24 hr.	0	0											0	0	3
Hepatitis B Acute	7 day	0	0											0	0	1
Hepatitis B Chronic	7 day	4	3											7	1	27
Hepatitis C Virus Acute Infection	7 day	0	0											0	0	2
Hepatitis C Virus Chronic Infection	7 day	7	5											12	22	116
Histoplasmosis	7 day	1	0											1	1	7
Influenza with ICU Hospitalization	24 hr.	0	1											1	0	2
Legionellosis - Legionnaires Disease	7 day	1	0											1	1	25
Listeria Invasive Disease	7 day	0	0											0	0	1
Lyme Disease	7 day	0	1											1	2	33
Malaria	7 day	0	0											0	0	1
Multisystem Inflammatory Syndrome	24 hr.	2	0											2	1	5
Rabies, Potential Human Exposure	24 hr.	4	2											6	7	82
Salmonellosis	7 day	1	1											2	7	78
Shiga toxin-producing E.coli O157:H7	24 hr.	0	1											1	0	3
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype	24 hr.	0	1											1	0	19
Shigellosis	7 day	1	1											2	1	5
Streptococcal Disease Invasive Group A %	24 hr.	0	2											2	1	5
Streptococcus Pneumoniae*	7 day	0	0											0	0	1
Typhoid Fever	24 hr.	0	0											0	1	2
Varicella (Chickenpox)	24 hr.	0	0											0	1	8
Vibriosis	7 day	0	1											1	0	9
West Nile Virus Neuroinvasive Disease	7 day	0	0											0	0	2

¹ Includes confirmed and probable cases * Non Drug Resistant Invasive Disease (< 5 years) ** Candida auris, clinical, is reportable effective Jan 1, 2019
² 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	0	0
Non-foodborne Clusters	19	16											35	16	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
Disease Investigation															
Reportable	32278	4945											37223	8965	47854
Non-Reportable	833	137											970	426	2045
Transfers	1470	806											2276	2244	8467
Education															
Provider	4	9											13	29	163
Public	1030	258											1288	7766	37015
Large Group	0	0											0	0	0
Testing	15480	3522											19002	20000	123472
Specimen Collection	0	0											0	8	1
Clinical Evaluation	0	0											0	0	0
Treatment Services	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	2022 YTD	2021 YTD	2021 Total
Sexually Transmitted Diseases															
Chlamydia	153	174											327	322	2019
Gonorrhea	34	31											65	81	462
Syphilis (1°,2°,Latent)	0	0											0	13	23
Syphilis (Congenital)	0	0											0	0	0
Syphilis (Other)	7	1											8	18	75
Syphilis TOTAL	7	1	0	0	0	0	0	0	0	0	0	0	8	31	98

[&] Data are provisional and subject to change

1b. DISEASE REPORTED	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD	2021 Total
HIV / AIDS															
HIV Infections													***	***	***
AIDS													***	***	***

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

2. STD/ HIV/AIDS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD	2021 Total
Disease Investigation															
Reportable	187	205											392	416	2505
OOJs [#] and Transfers	188	122											310	890	3626
Non-Reportable	10	1											11	28	118
Education															
Provider	1	2											3	3	14
Public	1	0											1	0	1
Large Group	0	0											0	0	0
Testing	0	0											0	0	0
Specimen Collection	0	0											0	0	0
Clinical Evaluation	0	0											0	0	0
Treatment Services	0	0											0	0	0

[#] OOJ = Out of jurisdiction reportable STD cases that KCHD completed surveillance and intervention process.

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 Immunization Services 2022

VACCINES (Excludes Influenza & COVID)	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD	2020 YTD
Shots given	41	59											41		657
Patients seen	20	24											20		299
RESIDENCY															
Aurora	15	15											15		174
Elgin/C'ville	2	2											2		12
Tri-Cities	0	1											0		17
Other	3	6											3		39
AGE															
0 - 18 Years	20	24											20		277
19 - 64 Years	1	0											1		18
> 64 Years	0	0											0		1
													2022 YTD	2021 YTD	2020 YTD
Influenza Vaccine Given	10	3											10		
COVID Vaccine Given	3623	620											3623		
Total VACCINES Given	3664	679											3664		

Lead Case Management 2022

NEW ENROLLEE Lead Levels	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
3 years to 6 Years														
>= 20 mcg/dl	0	0	0	0	0	0	0	0	0	0	0	0	0	3
10 – 19 mcg/dl.	0	0	0	0	0	0	0	0	0	0	0	0	0	6
5 – 9 mcg/dl.*	2	2	0	0	0	0	0	0	0	0	0	0	4	26
6 Months - 3 Years														
>=20 mcg/dl	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10 - 19 mcg/dl	0	0	0	0	0	0	0	0	0	0	0	0	0	14
5 – 9 mcg/dl.*	1	2	0	0	0	0	0	0	0	0	0	0	3	37
Total	3	4	0	0	0	0	0	0	0	0	0	0	7	87

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	118	123	0	0	0	0	0	0	0	0	0	0
Southern County	139	134	0	0	0	0	0	0	0	0	0	0
Total	257	257	0	0	0	0	0	0	0	0	0	0

	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
Case Closures	24	2											26	110

NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
Initial Visit	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Repeat visit	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Total	0	0	0	0	0	0	0	0	0	0	0	0	0	11

NURSE HOME VISITS ATTEMPTED NOT COMPLETED	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
	0	0	0	0	0	0	0	0	0	0	0	0	0	0

EDUCATIONAL INTERVENTIONS	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
Calls	68	89	0	0	0	0	0	0	0	0	0	0	157	1683
Letters	51	32	0	0	0	0	0	0	0	0	0	0	83	695
visits	9	30	0	0	0	0	0	0	0	0	0	0	39	282
Community Education	0	7	0	0	0	0	0	0	0	0	0	0	7	510
Total	128	158	0	0	0	0	0	0	0	0	0	0	286	3170

* Effective 7/1/19, the "blood lead level of concern" is ≥ 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	2020 YTD
60505															
# of Tests Done	94	117	0	0	0	0	0	0	0	0	0	0	211	1783	135
# of Tests > 5mcg/dl*	17	20	0	0	0	0	0	0	0	0	0	0	37	351	9
60120															
# of Tests Done	51	74	0	0	0	0	0	0	0	0	0	0	125	1016	72
# of Tests > 5mcg/dl*	1	9	0	0	0	0	0	0	0	0	0	0	10	113	8
All Zip Codes															
Tests Done	442	511	0	0	0	0	0	0	0	0	0	0	953	7102	544
Tests > 5mcg/dl*	44	55	0	0	0	0	0	0	0	0	0	0	99	826	23

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



