

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
Acute Pediatric Hepatitis***	3 hr.	0	0	0	1	0	0	0	0	0	0			1	0	0
Anaplasma phagocytophilum	7 day	0	0	0	0	0	1	0	0	0	0			1	0	1
Campylobacteriosis	24 hr.	7	3	10	11	9	11	9	8	6	9			83	85	100
Candida auris, clinical**	7 day	0	0	1	0	0	0	0	0	0	0			1	1	1
Carbapenem Resistant Organisms	7 day	1	2	0	3	0	0	0	0	0	1			7	1	3
Chikungunya Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0	0	0			0	1	1
Coronavirus Novel 2019***	3 hr.	21361	2916	1032	2710	6051	3960	4891	4396	2438	1702			51457	27575	47272
Cryptosporidiosis	7 day	0	0	4	5	1	0	2	1	2	0			15	19	24
Cyclosporiasis	7 day	0	0	0	0	1	4	2	0	0	1			8	11	11
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0	0	1	0	0			1	1	1
Ehrlichia chaffeensis (formerly HME)	7 day	0	0	0	0	0	1	0	0	0	0			1	1	1
Haemophilus Influenzae Invasive	24 hr.	2	0	1	0	2	1	1	1	0	0			8	1	2
Hemolytic Uremic Syndrome (HUS)	24 hr.	0	0	0	0	0	0	0	0	1	0			1	0	0
Hepatitis A	24 hr.	0	0	1	1	1	0	0	0	0	0			3	2	3
Hepatitis B Acute	7 day	0	0	0	0	0	0	0	0	0	0			0	1	1
Hepatitis B Chronic	7 day	4	3	2	1	2	2	1	2	0	3			20	22	27
Hepatitis C Virus Acute Infection	7 day	2	0	1	0	0	0	0	0	0	0			3	2	2
Hepatitis C Virus Chronic Infection	7 day	5	7	6	7	3	0	3	7	7	7			52	102	116
Histoplasmosis	7 day	1	0	2	0	0	0	0	0	0	1			4	5	7
Influenza with ICU Hospitalization	24 hr.	0	1	1	5	5	1	0	0	0	1			14	0	2
Legionellosis - Legionnaires Disease	7 day	1	0	1	0	1	5	4	5	4	1			22	23	25
Listeria Invasive Disease	7 day	0	0	0	1	0	0	0	0	0	0			1	1	1
Lyme Disease	7 day	0	0	0	1	2	2	8	3	0	0			16	32	33
Malaria	7 day	0	0	0	0	0	1	0	0	0	0			1	1	1
Monkeypox***	3 hr.	0	0	0	0	0	1	3	7	1	1			13	0	0
Multisystem Inflammatory Syndrome	24 hr.	2	0	0	0	0	0	0	0	0	0			2	5	5
Pertussis	24 hr.	0	0	0	0	0	0	0	0	0	1			1	0	0
Rabies, Potential Human Exposure	24 hr.	4	2	8	7	7	7	7	15	15	5			77	66	82
Salmonellosis	7 day	1	1	0	4	5	5	4	3	3	4			30	71	78
Shiga toxin-producing E.coli O157:H7	24 hr.	0	0	0	0	0	0	0	1	0	1			2	3	3
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype	24 hr.	0	2	2	4	1	7	6	2	5	1			30	16	19
Shigellosis	7 day	1	1	1	1	1	1	2	0	3	3			14	4	5
Streptococcal Disease Invasive Group A [%]	24 hr.	0	2	0	0	0	1	1	1	0	0			5	4	5
Streptococcal Toxic Shock Syndrome	24 hr.	0	0	1	1	0	1	0	0	0	0			3	0	0
Streptococcus Pneumoniae*	7 day	0	0	1	2	0	0	1	0	0	0			0	1	1
Typhoid Fever	24 hr.	0	0	0	0	0	0	0	0	0	0			0	2	2
Varicella (Chickenpox)	24 hr.	0	0	0	0	0	1	2	0	1	1			5	5	8
Vibrio cholera	24 hr.	0	1	0	0	0	0	0	0	0	0			1	0	0
Vibriosis	7 day	0	0	0	1	1	0	0	1	1	2			6	8	9
West Nile Virus Neuroinvasive	7 day	0	0	0	0	0	0	0	0	1	1			2	2	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 *** 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	0	0	1	0			4	0	0
Non-foodborne Clusters	19	16	21	25	34	10	16	11	17	9			178	97	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	21392	2941	1075	2766	6093	4013	4947	4454	2488	1746			51915	28074	47854
Non-Reportable	1233	252	89	346	218	190	145	138	78	73			2762	1602	2045
Transfers	1543	879	2487	422	734	931	851	875	631	425			9778	7625	8467
Education															
Provider	4	9	19	9	15	10	20	11	13	12			122	127	163
Public	1030	258	168	216	262	1128	1062	1064	935	600			6723	35069	37015
Large Group	0	0	0	0	0	0	0	0	0	0			0	0	0
Testing	15480	3524	1049	11752	3615	900	900	15174	3820	40			56254	97872	123472
Specimen Collection	0	0	0	0	1	0	0	0	0	0			1	1	1
Clinical Evaluation	0	0	0	0	0	0	0	0	0	0			0	0	0
Treatment Services	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.

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	163	177	206	185	168	192	163	195	158	141			1748	1726	2019
Gonorrhea	35	40	31	36	43	47	32	32	39	27			362	406	462
Syphilis (1°,2°,Latent)	1	0	0	0	1	1	0	1	0	0			4	23	23
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0			0	0	0
Syphilis (Other)	3	1	0	0	2	0	1	0	1	0			8	75	75
Syphilis TOTAL	4	1	0	0	3	1	1	1	1	0			12	98	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													***	8	12*
AIDS													***	4	5*

*** Data not available at time of printing, or suppressed due to very low count; * Data between Jan and Nov 2021.

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	199	217	237	221	212	240	195	228	197	168			2114	2165	2505
OOJs [#] and Transfers	237	152	155	70	161	181	88	137	91	121			1393	3167	3626
Non-Reportable	12	2	4	0	3	0	1	1	1	1			25	115	118
Education															
Provider	1	2	1	0	0	0	3	2	3	1			13	11	14
Public	1	0	0	0	0	0	0	0	0	1			2	1	1
Large Group	0	0	0	0	0	0	0	0	0	0			0	0	0
Testing	0	0	0	0	0	0	0	0	0	0			0	0	0
Specimen Collection	0	0	0	0	0	0	0	0	0	0			0	0	0
Clinical Evaluation	0	0	0	0	0	0	0	0	0	0			0	0	0
Treatment Services	0	0	0	0	0	0	0	0	0	0			0	0	0

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



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.

TB Program

2022	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 Total
DISEASE REPORTED	0	1	0	0	2	0	2	3	0	0			8	16
UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2022YTD	2021Total
Disease Investigation														
Reportable	0	1	0	0	2	0	2	3	0	0			8	16
Non-Reportable	35	5	10	10	14	17	29	12	10	11			153	271
Transfers	0	0	0	0	0		0	0	0	0			0	0
Education														
Provider	20	15	22	35	38	42	60	33	21	26			312	604
Public	9	10	20	28	30	28	14	10	11	13			173	337
Large Group	0	0	0	0	0	0		0	0	0			0	0
Testing														
Skin Tests	8	1	1	2	4	1	3	4		4			28	48
Chest X-Rays	0	0	1	1	0	1	1	1	0	0			5	10
Specimen Collection	8	2	3	2	0	5	14	14	6	9			63	118
Clinical Evaluation	3	0	12	15	18	31	53	33	31	42			238	473
Treatment Services	119	108	141	126	93	89	142	119	105	84			1126	2133



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
Shots given	41	59	74	73	44	54	51	69	79	42			586	813
Patients seen	20	24	30	29	19	25	25	29	34	17			252	387
RESIDENCY														
Aurora	15	15	18	20	15	13	14	21	19	11			161	254
Elgin/C'ville	2	2	0	2	0	4	5	2	4	2			23	33
Tri-Cities	0	1	1	2	0	4	0	3	1	1			13	44
Other	3	6	11	5	4	4	6	2	10	3			54	62
AGE														
0 - 18 Years	20	24	30	29	19	25	25	29	34	9			244	420
19 - 64 Years	1	0	0	0	0	0	0	0	0	103			104	0
> 64 Years	0	0	0	0	0	0	0	0	0	13			13	0
Influenza Vaccine Given	10	3	9	4	2	3	0	0	0	116			147	188101
COVID Vaccine Given	3623	620	210	1038	206	215	176	287	544	278			7197	187926
Total VACCINES Given	3664	679	284	1111	225	240	227	356	623	320			7344	376027

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	1	0	0	0	0	0	0	0	0	1	3
10 – 19 mcg/dl.	0	0	1	1	0	1	0	0	3	0	0	0	6	6
5 – 9 mcg/dl.*	2	2	4	2	1	3	5	3	3	1	0	0	26	26
6 Months - 3 Years														
>=20 mcg/dl	0	0	0	0	0	0	0	0	1	1	0	0	2	1
10 - 19 mcg/dl	0	0	3	1	0	1	0	0	1	2	0	0	8	14
5 – 9 mcg/dl.*	1	2	7	2	3	1	2	9	5	0	0	0	32	37
Total	3	4	15	7	4	6	7	12	13	4	0	0	75	87

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	118	123	223	204	207	217	229	234	92	95	0	0
Southern County	139	134	114	138	142	150	161	172	141	142	0	0
Total	257	257	337	342	349	367	390	406	233	237	0	0

	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
Case Closures	24	2	43	5	1	3	5	23	15	178			299	110

NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
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
Total	0	0	1	2	0	0	0	0	0	0	0	0	3	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	2	2	0	0	0	0	0	0	0	0	4	0

EDUCATIONAL INTERVENTIONS	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
Calls	68	89	78	54	80	78	50	44	48	31	0	0	620	1683
Letters	51	32	33	23	74	51	18	33	46	33	0	0	394	695
visits	9	30	28	15	21	36	31	10	35	28	0	0	243	282
Community Education	0	7	45	1	80	24	0	288	1	1	0	0	447	510
Total	128	158	184	93	255	189	99	375	130	93	0	0	1704	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	213	139	149	130	150	255	170	174	0	0	1591	1783	135
# of Tests > 5mcg/dl*	17	20	63	16	21	14	19	63	24	18	0	0	275	351	9
60120															
# of Tests Done	51	74	113	122	101	96	93	147	85	51	0	0	933	1016	72
# of Tests > 5mcg/dl*	1	9	9	10	3	9	12	10	12	2	0	0	77	113	8
All Zip Codes															
Tests Done	442	511	783	693	689	621	731	1023	740	677	0	0	6910	7102	544
Tests > 5mcg/dl*	44	55	119	60	50	58	65	135	81	59	0	0	726	826	23

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



