

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	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	2
Campylobacteriosis*	24 hour	4	6	5	0	4	1	5	6					31	21	70
Coronavirus Novel 2019***	24 hour	0	0	143	1642	4708	1363	1404	2210					11470	0	0
Cryptosporidiosis	7 day	0	0	0	0	0	1	2	3					6	2	13
Cyclosporiasis	7 day	0	0	0	0	0	9	3	1					13	1	4
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0	0	0					0	0	2
Haemophilus Influenzae Invasive Disease	24 hour	0	1	1	0	0	0	0	0					2	4	8
Hepatitis A	24 hour	1	0	1	0	0	0	0	0					2	1	4
Hepatitis B Acute	7 day	1	0	0	0	0	0	0	0					1	2	2
Hepatitis B Chronic	7 day	3	2	1	0	0	0	0	0					6	8	24
Hepatitis C Virus Acute Infection	7 day	0	0	0	0	0	0	0	0					0	1	3
Hepatitis C Virus Chronic Infection	7 day	7	5	6	1	1	3	6	6					35	42	120
Histoplasmosis	7 day	1	1	0	0	0	0	0	0					2	4	4
Influenza with ICU Hospitalization	24 hour	17	27	5	1	0	0	0	0					50	57	69
Legionellosis - Legionnaires Disease	7 day	4	0	0	0	0	1	2	1					8	4	50
Legionellosis - Pontiac Fever	7 day	0	0	0	0	0	0	0	0					0	1	1
Lyme Disease	7 day	1	0	0	1	0	1	3	4					10	0	15
Malaria	7 day	0	0	0	0	1	1	1	0					3	1	1
Measles	24 hour	0	0	0	0	0	0	0	0					0	1	1
Multisystem Inflammatory Syndrome	24 hour	0	0	0	0	0	0	0	0					0	0	0
Mumps	24 hour	0	1	0	0	0	0	0	0					1	6	7
Paratyphi A	7 day	0	0	0	0	0	0	0	3					3	0	0
Pertussis	24 hour	0	2	2	0	0	0	0	0					4	4	19
Rabies, Potential Human Exposure	24 hour	0	2	1	0	0	1	9	5					18	14	49
Salmonellosis	7 day	0	3	0	0	2	2	10	6					23	25	72
Shiga toxin-producing E.coli (STEC)-O157:H7	24 hour	0	0	0	0	0	0	1	2					3	2	4
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype, not cultured or serotyped	24 hour	1	5	1	0	0	0	3	1					11	6	14
Shigellosis	7 day	2	1	0	0	1	0	0	0					4	3	12
Spotted Fever Rickettsioses	7 day	0	0	0	0	0	0	0	0					0	0	1
Streptococcal Disease Invasive Group A [%]	24 hour	2	3	0	1	2	2	0	0					10	6	11
Streptococcal Toxic Shock Syndrome [%]	24 hour	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	1	1
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	0	0	0	0	0	0	0	0					0	2	2
Typhoid Fever	24 hour	0	0	0	0	0	0	0	0					0	2	2
Varicella (Chickenpox)	24 hour	3	7	0	0	0	0	0	0					10	16	24
Vibriosis	7 day	0	0	0	0	1	0	0	0					1	0	4

¹ Includes confirmed and probable cases

* Newly reportable effective January 1, 2016

** Limited to age <5 years Effective March 3,2008

² Data are provisional and subject to change

% Includes streptococcal necrotizing fasciitis

*** Coronavirus Novel 2019 is reportable in 24 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					2	3	6
Non-foodborne Clusters	6	6	11	38	60	21	22	22					186	17	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
Disease Investigation															
Reportable	47	66	166	1646	4720	1385	1449	2248					11727	240	618
Non-Reportable	51	43	37	13	20	40	33	28					265	193	510
Transfers	46	41	75	45	15	30	46	72					370	261	595
Education															
Provider	38	53	179	18	24	25	9	3					349	100	224
Public	18	31	1128	737	585	356	467	542					3864	43	122
Large Group	0	0	0	0	0	0	1/51	0					0	0	1/30
Testing	0	0	0	0	0	0	1622	1493					3115	0	0
Specimen Collection	0	8	0	0	0	0	0	0					8	6	11
Clinical Evaluation	0	0	0	0	0	0	0	0					0	0	0
Treatment services	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	2020 YTD	2019 YTD	2019 Total
Sexually Transmitted Diseases															
Chlamydia	206	168	146	99	119	154	149	108					1149	1065	2307
Gonorrhea	38	25	14	25	35	23	35	34					229	174	397
Syphilis (1°,2°,Latent)	1	2	0	0	0	0	1	0					4	10	20
Syphilis (Congenital)	0	0	0	0	0	0	0	0					0	0	0
Syphilis (Other)	5	6	2	1	2	2	1	0					19	21	30
Syphilis TOTAL	6	8	2	1	2	2	2	0					23	31	50

[&] Data are provisional and subject to change

1b. DISEASE REPORTED	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 YTD*	2019 Total*
HIV / AIDS															
HIV Infections													***	***	22
AIDS													***	***	5

* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report, January to August, 2019

*** 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	2020 YTD	2019 YTD	2019 Total
Disease Investigation															
Reportable	245	195	160	124	154	177	185	142					1382	1668	3795
OOJs [#] and Transfers	104	112	26	20	41	20	100	61					484	402	897
Non-Reportable	5	7	3	3	4	2	5	8					37	31	57
Education															
Provider	1	2	2	0	1	0	6	2					14	16	30
Public	0	0	0	0	0	0	1	0					1	1	2
Large Group	0	0	0	0	0	0	0	0					0	0	1/10
Testing															
Specimen Collection	0	0	0	0	0	0	0	0					0	0	0
Clinical Evaluation	0	0	0	0	0	0	0	0					0	0	0
Treatment Services															
	0	0	0	0	0	0	0	0					0	0	0

[#] 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

2020	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 Total
DISEASE REPORTED	0	0	0	0	2	2	0	0					4	15
TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 Total
Disease Investigation														
Reportable	0	0	0	0	2	2	0	0					4	15
Non-Reportable	4	4	9	1	6	7	6	2					39	101
Transfers	0	0	1	0	0	0	1	0					2	1
Education														
Provider	15	31	135	17	16	15	11	26					266	393
Public	40	40	84	30	21	18	18	30					281	613
Large Group	0	0	8	0	0	0	0	0					8	9
Testing														
Skin Tests	7	2	12	28	10	12	2	3					76	76
Chest X-Rays	5	3	2	0	1	0	0	0					11	23
Specimen Collection														
	12	9	17	7	8	0	10	9					72	297
Clinical Evaluation														
	4	54	1	0	0	0	0	1					60	630
Treatment Services														
	115	65	67	66	52	33	22	37					457	1353

KANE COUNTY DEPARTMENT OF HEALTH
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 Immunization Services 2020

VACCINES (Excludes Influenza)	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 MTD	2019 YTD
Shots given	122	108	58	0	0	40	94	90					512	143	1838
Patients seen	66	45	29	0	0	17	41	40					238	73	1050
RESIDENCY															
Aurora	24	27	15	0	0	14	30						110	29	465
Elgin/C'ville	3	1	1	0	0	0	2						7	2	44
Tri-Cities	3	6	1	0	0	0	0						10	2	34
Other	6	4	7	0	0	0	8						25	19	219
AGE															
0 - 18 Years	50	44	24	0	0	17	41	43					219	53	563
19 - 64 Years	14	0	4	0	0	0	0	0					18	16	244
> 64 Years		0	1	0	0	0	0	0					1	4	23
Influenza Vaccine Only	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 MTD	2019 YTD
Shots given	49	20	16	0	0	5	0	0					90	0	603

Kane County Health Department Childhood Lead Prevention Program Case Management

NEW ENROLLEE Lead Levels	J	F	M	A	M	J	J	A	S	O	N	D	2020	2019 YTD	2019 Total
3 years to 6 Years															
>/= 20 mcg/dl	0	0	0	0	1	0	0	0					1	0	3
10 – 19 mcg/dl.	1	0	0	0	0	0	1	1					3	0	5
5 – 9 mcg/dl.*	1	3	0	0	0	1	2	0					7	1	9
6 Months - 3 Years															
>/=20 mcg/dl	0	2	0	0	0	0	0	0					2	0	5
10 - 19 mcg/dl	1	1	0	0	1	1	0	2					6	0	11
5 – 9 mcg/dl.*	4	4	7	0	0	1	7	4					27	1	22
Total	7	10	7	0	2	3	10	7	0	0	0	0	46	2	55

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	80	84	84	82	85	87	82	92				
Southern County	80	80	79	77	79	79	84	84				
Total	160	164	163	159	164	166	166	176	0	0	0	0

	J	F	M	A	M	J	J	A	S	O	N	D	2020	2019 YTD	2019 Total
Case Closures	71	0	7	39	7	7	0	0					131	4	111

NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2020	2019 YTD	2019 Total
Initial Visit	7	10	7	0	2	3	0	0					29	2	55
Repeat Visit	4	4	4	0	0	0	0	0					12	3	84
Total	11	14	11	0	2	3	0	0	0	0	0	0	41	5	139

NURSE HOME VISITS ATTEMPTED NOT COMPLETED	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 YTD	2019 Total
	11	4	4	0	0	0	0	0					19	4	62

EDUCATIONAL	J	F	M	A	M	J	J	A	S	O	N	D	2020	2019 YTD	2019 Total
Calls	70	74	99	128	139	165	128	115					918	50	1151
Letters	80	112	78	40	146	53	67	40					616	56	1176
Visits	10	21	20	0	0	6	27	35					119	9	201
Community Education	24	3	1	0	0	0	0	0					28	2	2271
Total	184	210	198	168	285	224	222	190	0	0	0	0	1681	117	4799

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