

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	2021 Total	2020 Total
Anaplasma phagocytophilum	7 day	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Campylobacteriosis	24 hr.	6	6	3	3	9	13	10	17	10	8	8	7	100	57
Candida auris, clinical**	7 day	1	0	0	0	0	0	0	0	0	0	0	0	1	0
Carbapenem Resistant Enterobacteriaceae	7 day	1	0	0	0	0	0	0	0	0	0	2	0	3	0
Chikungunya Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	1	0	0	0	0	1	0
Coronavirus Novel 2019***	3 hr.	6538	2367	2158	4264	1902	409	768	3300	3210	2659	4529	15168	47272	41504
Cryptosporidiosis	7 day	0	0	0	7	2	0	3	5	1	1	1	4	24	10
Cyclosporiasis	7 day	0	0	0	0	0	2	3	6	0	0	0	0	11	15
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0	1	0	0	0	0	0	1	2
Ehrlichia chaffeensis (formerly HME)	7 day	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Haemophilus Influenzae Invasive Disease	24 hr.	0	0	0	0	0	0	0	1	0	0	1	0	2	2
Hemolytic Uremic Syndrome Post Diarrheal	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hepatitis A	24 hr.	0	0	1	0	0	0	0	0	1	0	0	1	3	2
Hepatitis B Acute	7 day	0	0	0	1	0	0	0	0	0	0	0	0	1	1
Hepatitis B Chronic	7 day	0	1	2	1	2	4	3	0	3	6	3	2	27	17
Hepatitis C Virus Acute Infection	7 day	0	0	0	0	0	0	1	0	0	1	0	0	2	0
Hepatitis C Virus Chronic Infection	7 day	15	7	11	12	5	12	8	6	14	12	8	6	116	64
Histoplasmosis	7 day	0	1	0	1	0	0	0	1	0	2	0	2	7	2
Influenza with ICU Hospitalization	24 hr.	0	0	0	0	0	0	0	0	0	0	1	1	2	51
Legionellosis - Legionnaires Disease	7 day	1	0	0	0	2	2	8	3	2	5	1	1	25	11
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	1	0	0	0	0	1	1
Lyme Disease	7 day	0	2	0	1	0	5	11	7	4	2	0	1	33	26
Malaria	7 day	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Multisystem Inflammatory Syndrome	24 hr.	1	0	2	0	0	0	0	0	1	1	0	0	5	7
Mumps	24 hr.	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Paratyphi A	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Pertussis	24 hr.	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Rabies, Potential Human Exposure	24 hr.	3	4	3	4	4	11	14	12	7	4	14	2	82	28
Salmonellosis	7 day	6	1	4	2	3	3	8	14	17	13	6	1	78	30
Shiga toxin-producing E.coli O157:H7	24 hr.	0	0	0	0	1	0	1	1	0	0	0	0	3	1
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype	24 hr.	0	0	1	0	2	5	0	3	0	5	1	2	19	14
Shigellosis	7 day	0	1	1	0	0	0	0	1	0	1	1	0	5	6
Streptococcal Disease Invasive Group A [%]	24 hr.	0	1	0	0	0	2	0	0	1	0	1	0	5	15
Streptococcus Pneumoniae*	7 day	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Typhoid Fever	24 hr.	1	0	0	0	1	0	0	0	0	0	0	0	2	0
Varicella (Chickenpox)	24 hr.	0	1	0	0	1	0	1	0	2	0	0	3	8	11
Vibriosis	7 day	0	0	1	0	0	0	2	2	3	0	1	0	9	1
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	1	0	1	0	0	2	1

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	2021 Total	2020 Total
Food/Waterborne	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Non-foodborne Clusters	12	4	7	14	7	4	0	19	18	12	33	56	186	310

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2021 Total	2020 Total
Disease Investigation														
Reportable	6573	2392	2187	4296	1934	468	842	3382	3278	2722	4578	15202	47854	41887
Non-Reportable	297	129	110	151	128	89	119	161	150	268	203	240	2045	3259
Transfers	1298	946	1248	822	842	261	239	648	690	631	785	57	8467	5760
Education														
Provider	17	12	16	9	9	9	9	22	10	14	16	20	163	490
Public	4007	3759	12591	9595	2223	434	310	801	734	615	867	1079	37015	5501
Large Group	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Testing	13480	6520	3440	4512	1920	0	760	13040	28680	25520	6640	18960	123472	15378
Specimen Collection	0	0	0	0	1	0	0	0	0	0	0	0	1	8
Clinical Evaluation	0	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	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	2021 Total	2020 Total
Sexually Transmitted Diseases														
Chlamydia	159	163	185	146	144	165	175	189	193	207	209	84	2019	2009
Gonorrhea	54	27	56	45	40	37	38	30	46	33	43	13	462	440
Syphilis (1°,2°,Latent)	10	3	3	1	3	1	1	0	1	0	0	0	23	18
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis (Other)	14	4	4	7	5	6	10	18	7	0	0	0	75	34
Syphilis TOTAL	24	7	7	8	8	7	11	18	8	0	0	0	98	52

[&] Data are provisional and subject to change

1b. DISEASE REPORTED	J	F	M	A	M	J	J	A	S	O	N	D	2021 Total	2020 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	2021 Total	2020 Total
Disease Investigation														
Reportable	223	193	244	193	187	203	214	219	240	240	252	97	2505	2471
OOJs [#] and Transfers	328	562	510	279	217	191	314	104	511	151	317	142	3626	1034
Non-Reportable	18	10	6	11	8	10	17	21	10	4	3	0	118	74
Education														
Provider	1	2	0	2	0	0	0	1	1	4	3	0	14	19
Public	0	0	0	0	0	0	0	0	1	0	0	0	1	3
Large Group	0	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	0
Specimen Collection	0	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	0
Treatment Services	0	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.

Kane County Department of Health
 Communicable Disease Control Monthly Report
 C. Tuberculosis

TB Program														
2021	J	F	M	A	M	J	J	A	S	O	N	D	2021 YTD	2020 Total
DISEASE REPORTED	0	0	1	0	1	2	1	2	2	3	0	0	12	7
TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2021YTD	2020 Total
Disease Investigation														
Reportable	0	0	1	0	1	2	1	3	1	3	0	0	12	6
Non-Reportable	12	10	3	1	12	14	10	8	10	4	10	12	106	62
Transfers	0	1	0	0	0	0	0	0	0	0	0	0	1	2
Education														
Provider	23	19	7	1	5	53	84	93	103	110	105	85	688	327
Public	0	41	27	29	23	16	34	40	38	43	25	32	348	330
Large Group	2	3	0	0	0	1	0	0	0	0	0	0	6	8
Testing														
Skin Tests	29	34	27	16	19	8	1	5	2	4	1	2	148	97
Chest X-Rays	1	2	0	0	0	2	1	0	3	0	1	0	10	13
Specimen Collection	5	3	7	6	3	8	10	10	9	7	8	9	85	83
Clinical Evaluation	1	3	2	1	1	16	25	22	27	35	42	27	202	88
Treatment Services	38	71	56	54	40	67	110	142	168	160	135	147	1188	631

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KANE COUNTY DEPARTMENT OF HEALTH
 Communicable Disease Control Monthly Report
 Immunization Services 2021

VACCINES (Excludes Influenza & COVID)	J	F	M	A	M	J	J	A	S	O	N	D	2021 YTD	2020 YTD
Shots given	61	13	73	11	21	52	48	51	130	192	122	39	813	657
Patients seen	34	9	37	9	12	30	30	32	57	74	44	19	387	299
RESIDENCY														
Aurora	21	2	30	9	9	20	14	17	37	51	33	11	254	174
Elgin/C'ville	4	1	1	1	0	1	4	4	7	7	0	3	33	12
Tri-Cities	2	1	2	0	3	1	1	2	4	5	2	1	24	17
Other	7	3	4	0	0	1	7	9	9	11	9	2	62	39
AGE														
0 - 18 Years	34	7	37	8	12	30	48	50	57	74	44	19	420	277
19 - 64 Years	0	0	0	0	0	0	0	0	0	0	0	0	0	18
> 64 Years	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	J	F	M	A	M	J	J	A	S	O	N		2021 YTD	2020 YTD
Influenza Vaccine Given 13	4	1	6	2	1	3	0	0	0	36	24	4	81	81
COVID Vaccine Given	4900	15654	27279	72771	45052	9755	1506	1371	642	1674	3466	4031	188101	188101
Total VACCINES Given	4973	15456	27280	72164	45073	9807	1536	1422	691	1866	3588	4070	187926	187926

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	2021	2020 YTD
3 years to 6 Years														
>/= 20 mcg/dl	0	0	1	0	0	0	0	0	0	0	1	1	3	0
10 – 19 mcg/dl.	1	0	1	0	0	0	0	0	2	1	1	0	6	1
5 – 9 mcg/dl.*	3	4	1	2	2	0	3	3	2	2	2	2	26	1
6 Months - 3 Years														
>/=20 mcg/dl	0	0	0	1	0	0	0	0	0	0	0	0	1	0
10 - 19 mcg/dl	0	0	1	1	2	0	2	1	2	4	1	0	14	1
5 – 9 mcg/dl.*	7	3	1	3	2	3	0	1	2	6	4	5	37	4
Total	11	7	5	7	6	3	5	5	8	13	9	8	87	7

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	111	114	107	119	122	120	124	125	122	124	129	133
Southern County	100	104	105	111	115	115	122	127	135	135	140	136
Total	211	218	212	230	235	235	246	312	257	259	269	269

	J	F	M	A	M	J	J	A	S	O	N	D	2021	2020 YTD
Case Closures	6	12	4	3	5	11	9	16	14	8	9	13	110	71

NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2021	2020 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	2021 YTD	2020 YTD
	0	0	0	0	0	0	0	0	0	0	0	0	0	11

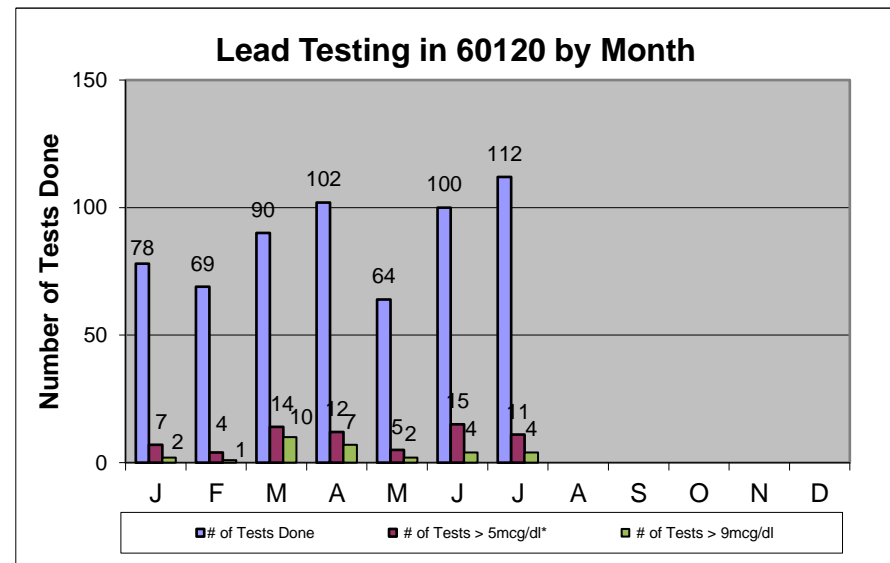
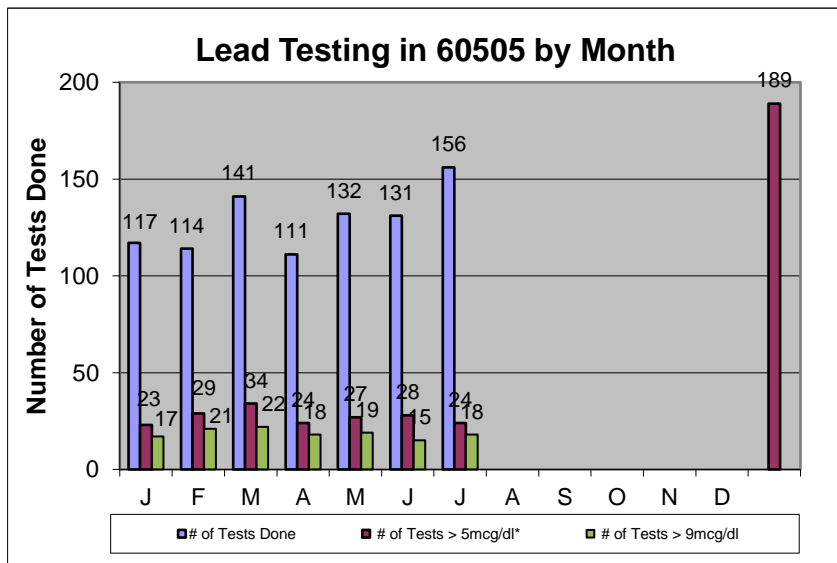
EDUCATIONAL	J	F	M	A	M	J	J	A	S	O	N	D	2021	2020 YTD
Calls	146	124	154	116	170	156	122	134	149	180	153	79	1683	70
Letters	50	50	34	28	64	96	65	45	92	39	83	49	695	80
Visits	25	10	22	18	15	19	27	34	27	28	23	34	282	10
Community Education	3	1	1	0	0	384	0	0	30	91	0	0	510	24
Total	224	185	211	162	249	655	214	213	298	338	259	113	3121	184

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

Kane County Health Department Childhood Lead Prevention Program Lead Testing Summary

High Risk Zip Codes	J	F	M	A	M	J	J	A	S	O	N	D	2021 YTD	2020 YTD	2020 Total
60505															
# of Tests Done	117	114	141	111	132	131	156	197	153	249	168	114	1783	135	
# of Tests > 9mcg/dl	17	21	22	18	19	15	18	22	27	26	16	11	232	3	
# of Tests > 5mcg/dl*	23	29	34	24	27	28	24	32	48	42	25	15	351	9	
60120															
# of Tests Done	78	69	90	102	64	100	112	114	76	70	81	60	1016	72	
# of Tests > 9mcg/dl	2	1	10	7	2	4	4	4	2	5	6	3	50	2	
# of Tests > 5mcg/dl*	7	4	14	12	5	15	11	17	4	8	10	6	113	8	
All Zip Codes															
Tests Done	576	458	597	511	498	568	685	777	578	732	627	495	7102	544	
# of Tests > 9mcg/dl	36	34	52	44	39	46	42	51	46	57	51	35	533	6	
Tests > 5mcg/dl*	57	47	76	63	54	80	67	86	86	88	70	52	826	23	

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



Kane County Health Department
Childhood Lead Prevention Program
Lead Testing Summary

