

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 Total	2019 Total
Brucellosis	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Campylobacteriosis*	24 hour	4	6	5	0	4	1	5	8	9	3	6	6	57	70
Coronavirus Novel 2019***	3 hour	0	0	146	1636	4688	1360	1418	2219	2050	5548	13206	9361	41632	0
Cryptosporidiosis	7 day	0	0	0	0	0	1	2	3	2	2	0	0	10	13
Cyclosporiasis	7 day	0	0	0	0	0	9	3	1	1	0	0	1	15	4
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0	0	0	0	1	1	0	2	2
Haemophilus Influenzae Invasive Disease	24 hour	0	1	1	0	0	0	0	0	0	0	0	0	2	8
Hemolytic Uremic Syndrome Post Diarrheal	7 day	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Hepatitis A	24 hour	1	0	1	0	0	0	0	0	0	0	0	0	2	4
Hepatitis B Acute	7 day	1	0	0	0	0	0	0	0	0	0	0	0	1	2
Hepatitis B Chronic	7 day	3	2	1	0	0	0	0	0	3	1	6	0	16	24
Hepatitis C Virus Acute Infection	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Hepatitis C Virus Chronic Infection	7 day	7	5	6	1	1	3	6	7	4	9	6	10	65	120
Histoplasmosis	7 day	1	1	0	0	0	0	0	0	0	0	0	0	2	4
Influenza with ICU Hospitalization	24 hour	17	27	5	1	0	0	0	0	0	0	0	1	51	69
Legionellosis - Legionnaires Disease	7 day	4	0	0	0	0	1	2	1	2	0	0	1	11	50
Legionellosis - Pontiac Fever	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	1	0	1	0
Lyme Disease	7 day	1	0	0	1	0	1	3	6	5	1	5	2	25	15
Malaria	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Measles	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Multisystem Inflammatory Syndrome	24 hour	0	0	0	0	1	1	1	0	0	0	0	0	3	0
Mumps	24 hour	0	1	0	0	0	0	0	0	0	0	0	0	1	7
Paratyphi A	7 day	0	0	0	0	0	0	0	3	0	0	0	0	3	0
Pertussis	24 hour	0	2	2	0	0	0	0	0	0	0	0	0	4	19
Rabies, Potential Human Exposure	24 hour	0	2	1	0	0	1	9	9	0	1	1	4	28	49
Salmonellosis	7 day	0	3	0	0	2	2	10	6	3	3	0	1	30	72
Shiga toxin-producing E.coli (STEC)-O157:H7	24 hour	0	0	0	0	0	0	1	0	0	0	0	0	1	4
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype, not cultured or	24 hour	1	5	1	0	0	0	3	1	1	2	0	0	14	14
Shigellosis	7 day	2	1	0	0	1	0	0	0	0	1	0	1	6	12
Spotted Fever Rickettsioses	7 day	0	0	0	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	3	1	1	0	15	11
Streptococcal Toxic Shock Syndrome [%]	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	3
Streptococcus Pneumoniae - Drug Resistant Invasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Typhoid Fever	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Varicella (Chickenpox)	24 hour	3	7	0	0	0	0	0	0	0	0	1	0	11	24
Vibriosis	7 day	0	0	0	0	1	0	0	0	0	0	0	0	1	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 3 hours

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2020 Total	2019 Total
Food/Waterborne	0	2	0	0	0	0	0	0	0	0	0	0	2	6
Non-foodborne Clusters	7	5	11	38	60	21	22	22	20	42	49	14	311	19

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2020 Total	2019 Total
Disease Investigation														
Reportable	47	66	169	1640	4700	1382	1463	2264	2084	5573	13234	9388	42010	618
Non-Reportable	51	43	37	13	20	40	34	31	44	50	37	32	432	510
Transfers	46	41	75	45	15	30	46	73	70	52	60	42	595	595
Education														
Provider	38	53	180	19	24	25	33	18	21	38	27	14	490	224
Public	18	31	1128	737	585	357	468	543	793	712	72	7	5451	122
Large Group	0	0	0	0	0	0	0	0	0	0	0	0	0	1/30
Testing	0	0	0	0	0	0	1622	1493	146	262	148	1058	4729	0
Specimen Collection	0	8	0	0	0	0	0	0	0	0	0	0	8	11
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	2020 Total	2019 Total
Sexually Transmitted Diseases														
Chlamydia	212	182	152	103	120	170	184	177	160	154	151	177	1942	2437
Gonorrhea	38	27	17	24	35	26	35	44	36	50	44	41	417	421
Syphilis (1°,2°,Latent)	1	3	0	0	2	0	4	1	0	0	0	0	11	22
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0	1	1	0
Syphilis (Other)	5	5	4	2	0	2	4	5	11	4	0	0	42	28
Syphilis TOTAL	6	8	4	2	2	2	8	6	11	4	0	1	54	50

[&] Data are provisional and subject to change

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

* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report 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 Total	2019 Total
Disease Investigation														
Reportable	252	212	170	129	157	196	223	222	196	204	195	218	2374	3797
OOJs [#] and Transfers	104	112	26	21	41	21	101	62	77	25	68	54	712	897
Non-Reportable	5	6	5	4	2	3	9	14	13	7	0	1	69	57
Education														
Provider	1	2	3	0	1	0	6	2	1	2	1	2	21	30
Public	0	0	0	0	0	0	1	0	0	1	1	0	3	2
Large Group	0	0	0	0	0	0	0	0	0	0	0	0	0	1/10
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 activities.

KANE COUNTY DEPARTMENT OF HEALTH
 Communicable Disease Control Monthly Report
 Immunization Services 2020

VACCINES (Excludes Influenza)	J	F	M	A	M	J	J	A	S	O
Shots given	122	108	58	0	0	40	94	90	145	164
Patients seen	66	45	29	0	0	17	41	43	58	64
RESIDENCY										
Aurora	24	27	15	0	0	14	30	27	37	39
Elgin/C'ville	3	1	1	0	0	0	2	2	3	2
Tri-Cities	3	6	1	0	0	0	0	2	5	4
Other	6	4	7	0	0	0	8	3	11	11
AGE										
0 - 18 Years	50	44	24	0	0	17	41	43	58	63
19 - 64 Years	14	0	4	0	0	0	0	0	0	1
> 64 Years		0	1	0	0	0	0	0	0	0
Influenza Vaccine Only	J	F	M	A	M	J	J	A	S	O
Shots given	49	20	16	0	0	5	0	0	9	31

VACCINES (Excludes Influenza)	N	D	2020 YTD	2019 MTD	2019 YTD
Shots given	253	126	1200	143	1838
Patients seen	153	55	299	73	1050
RESIDENCY					
Aurora	45	33	174	29	465
Elgin/C'ville	5	6	12	2	44
Tri-Cities	4	4	17	2	34
Other	14	10	39	19	219
AGE					
0 - 18 Years	86	55	277	53	563
19 - 64 Years	68		18	16	244
> 64 Years	2	1	1	4	23
Influenza Vaccine Only	N	D	2020 YTD	2019 MTD	2019 YTD
Shots given	130	27	99	0	603

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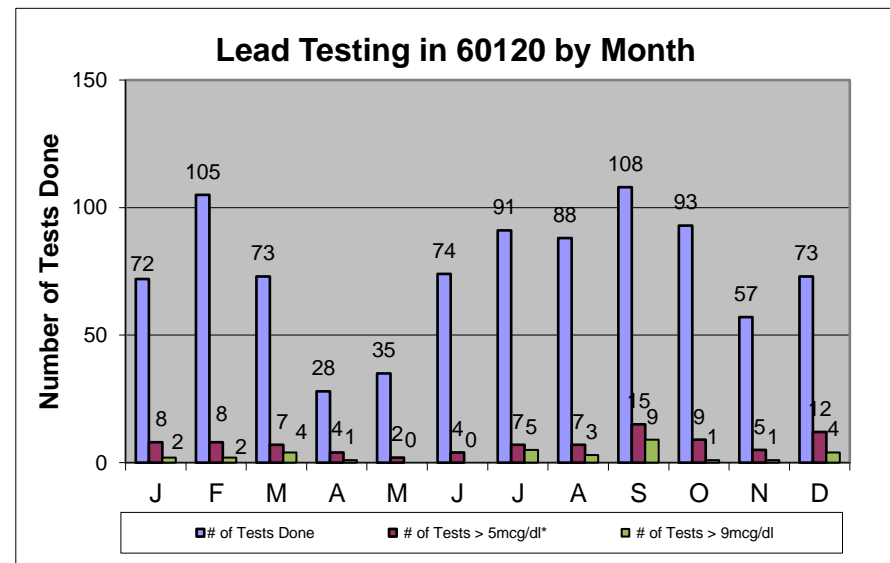
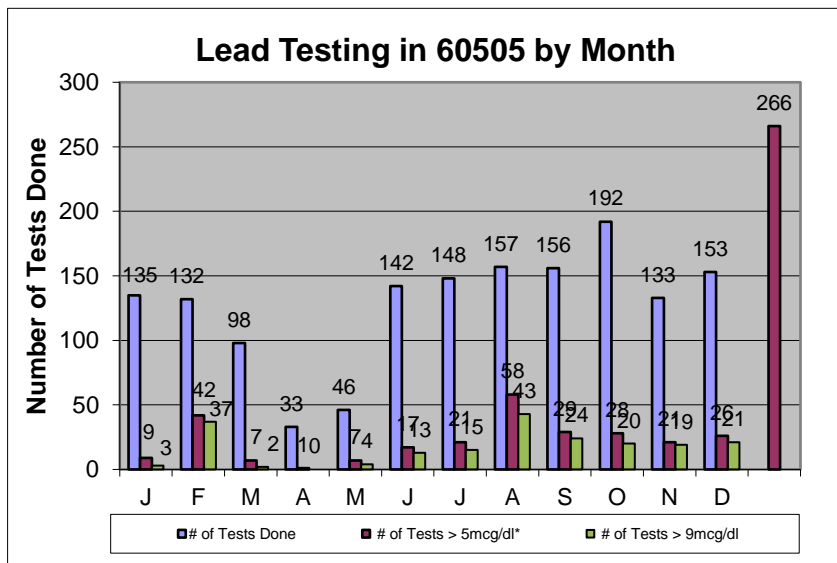
TB Program

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	2	1	0		7	15
TUBERCULOSIS WORK UNIT														
Disease Investigation														
Reportable	0	0	0	0	2	2	0	0	1	1	0		6	15
Non-Reportable	4	4	9	1	6	7	6	2	6	8	9		62	101
Transfers	0	0	1	0	0	0	1	0	0	0	0		2	1
Education														
Provider	15	31	135	17	16	15	11	26	20	21	16		323	393
Public	40	40	84	30	21	18	18	30	19	12	8		320	613
Large Group	0	0	8	0	0	0	0	0	0	0	0		8	9
Testing														
Skin Tests	7	2	12	28	10	12	2	3	3	6	4		89	76
Chest X-Rays	5	3	2	0	1	0	0	0	1	0	0		12	23
Specimen Collection														
	12	9	17	7	8	0	10	9	4	4	5		85	297
Clinical Evaluation														
	4	54	1	0	0	0	0	1	1	1	15		77	630
Treatment Services														
	115	65	67	66	52	33	22	37	42	50	40		589	1353

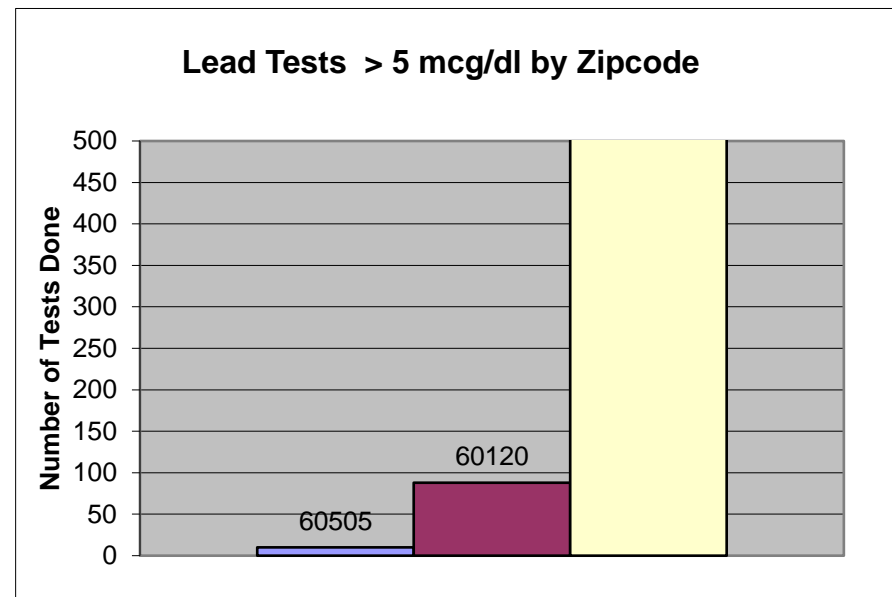
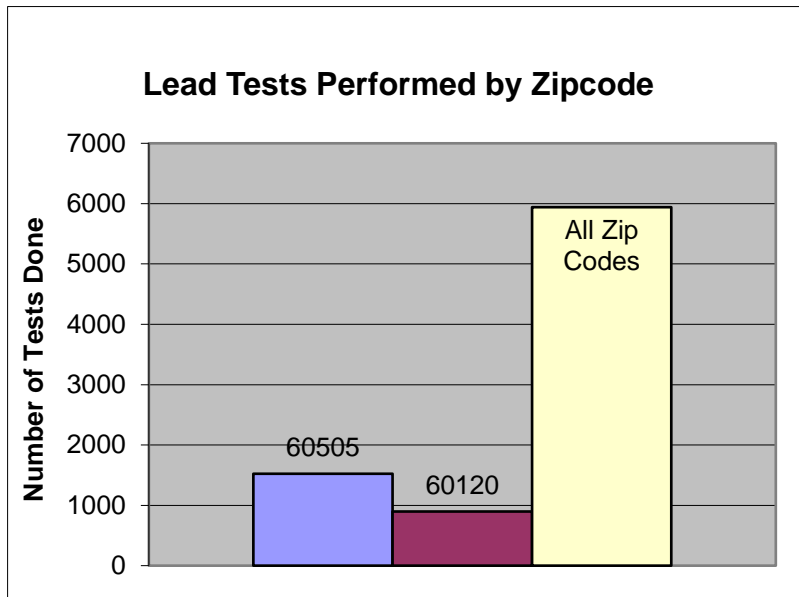
Kane County Health Department Childhood Lead Prevention Program Lead Testing Summary

High Risk Zip Codes	J	F	M	A	M	J	J	A	S	O	N	D	2020 YTD	2019 YTD	2019 Total
60505															
# of Tests Done	135	132	98	33	46	142	148	157	156	192	133	153	1525	150	1799
# of Tests > 9mcg/dl	3	37	2	0	4	13	15	43	24	20	19	21	201	0	124
# of Tests > 5mcg/dl*	9	42	7	1	7	17	21	58	29	28	21	26	266	10	210
60120															
# of Tests Done	72	105	73	28	35	74	91	88	108	93	57	73	897	72	1224
# of Tests > 9mcg/dl	2	2	4	1	0	0	5	3	9	1	1	4	32	2	56
# of Tests > 5mcg/dl*	8	8	7	4	2	4	7	7	15	9	5	12	88	11	146
All Zip Codes															
Tests Done	544	540	421	145	228	553	597	650	624	637	485	519	5943	581	7321
# of Tests > 9mcg/dl	6	47	11	3	11	27	39	64	61	42	40	42	393	4	263
Tests > 5mcg/dl*	23	70	28	9	21	42	59	96	83	63	60	59	613	36	561

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



Kane County Health Department
Childhood Lead Prevention Program
Lead Testing Summary



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	2	0	0	0	3	0	3
10 – 19 mcg/dl.	1	0	0	0	0	0	1	1	0	0	0	1	4	0	5
5 – 9 mcg/dl.*	1	3	0	0	0	1	2	0	4	0	1	2	14	1	9
6 Months - 3 Years															
>/=20 mcg/dl	0	2	0	0	0	0	0	0	1	1	0	0	4	0	5
10 - 19 mcg/dl	1	1	0	0	1	1	0	2	1	1	0	1	9	0	11
5 – 9 mcg/dl.*	4	4	7	0	0	1	7	4	3	11	3	1	45	1	22
Total	7	10	7	0	2	3	10	7	11	13	4	5	79	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	100	106	105	104
Southern County	80	80	79	77	79	79	84	84	87	93	92	95
Total	160	164	163	159	164	166	166	176	187	199	197	199

	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	0	0	15	0	146	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	0	0	0	0	29	2	55
Repeat Visit	4	4	4	0	0	0	0	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	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	126	129	135	120	1428	50	1151
Letters	80	112	78	40	146	53	67	40	70	65	49	85	885	56	1176
Visits	10	21	20	0	0	6	27	35	19	28	4	13	183	9	201
Community Education	24	3	1	0	0	0	0	0	0	40	5	2	75	2	2271
Total	184	210	198	168	285	224	222	190	215	262	193	220	2571	117	4799

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