

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					1	0	0
Anaplasma phagocytophilum	7 day	0	0	0	0	0	1	0	0					1	0	1
Campylobacteriosis	24 hr.	7	3	10	11	9	11	9	8					68	67	100
Candida auris, clinical**	7 day	0	0	1	0	0	0	0	0					1	1	1
Carbapenem Resistant Organisms	7 day	1	2	0	2	0	1	0	0					6	1	3
Chikungunya Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0					0	1	1
Coronavirus Novel 2019***	3 hr.	25397	2924	1032	2706	6074	3967	4907	4397					51404	21706	47272
Cryptosporidiosis	7 day	0	0	4	5	1	0	2	1					13	17	24
Cyclosporiasis	7 day	0	0	0	0	1	4	2	0					7	11	11
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0	0	0					0	1	1
Ehrlichia chaffeensis (formerly HME)	7 day	0	0	0	0	0	1	0	0					1	0	1
Haemophilus Influenzae Invasive Disease	24 hr.	2	0	1	0	2	1	1	1					8	1	2
Hepatitis A	24 hr.	0	0	1	1	1	0	0	0					3	1	3
Hepatitis B Acute	7 day	0	0	0	0	0	0	0	0					0	1	1
Hepatitis B Chronic	7 day	4	3	2	1	2	2	1	0					15	13	27
Hepatitis C Virus Acute Infection	7 day	2	0	1	0	0	0	0	0					3	1	2
Hepatitis C Virus Chronic Infection	7 day	5	6	6	7	3	0	3	6					36	76	116
Histoplasmosis	7 day	1	0	2	0	0	0	0	0					3	3	7
Influenza with ICU Hospitalization	24 hr.	0	1	1	5	5	1	0	0					13	0	2
Legionellosis - Legionnaires Disease	7 day	1	0	1	0	1	5	4	5					17	16	25
Listeria Invasive Disease	7 day	0	0	0	1	0	0	0	0					1	1	1
Lyme Disease	7 day	0	0	0	1	2	2	8	2					15	26	33
Malaria	7 day	0	0	0	0	0	1	0	0					1	0	1
Monkeypox***	3 hr.	0	0	0	0	0	1	3	7					11	0	0
Multisystem Inflammatory Syndrome	24 hr.	2	0	0	0	0	0	0	0					2	3	5
Rabies, Potential Human Exposure	24 hr.	4	2	8	7	7	7	7	14					56	55	82
Salmonellosis	7 day	1	1	0	4	5	5	4	3					23	41	78
Shiga toxin-producing E.coli O157:H7	24 hr.	0	0	0	0	0	0	0	1					1	3	3
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype	24 hr.	0	2	2	4	1	7	6	2					24	11	19
Shigellosis	7 day	1	1	1	1	1	1	2	0					8	3	5
Streptococcal Disease Invasive Group A [®]	24 hr.	0	2	0	0	0	2	1	1					6	3	5
Streptococcal Toxic Shock Syndrome	24 hr.	0	0	1	1	0	0	0	0					2	0	0
Streptococcus Pneumoniae*	7 day	0	0	1	2	0	0	1	0					0	0	1
Typhoid Fever	24 hr.	0	0	0	0	0	0	0	0					0	2	2
Varicella (Chickenpox)	24 hr.	0	0	0	0	0	1	2	0					3	3	8
Vibrio cholera	24 hr.	0	1	0	0	0	0	0	0					1	0	0
Vibriosis	7 day	0	0	0	1	1	0	0	1					3	5	9
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0					0	1	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					3	0	0
Non-foodborne Clusters	19	16	21	25	35	10	16	11					153	67	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	25428	2948	1075	2761	6116	4021	4963	4449					51761	22074	47854
Non-Reportable	1152	234	88	347	190	173	104	95					2383	1184	2045
Transfers	1543	879	2487	422	734	931	851	875					8722	6304	8467
Education															
Provider	4	9	19	9	15	10	20	11					97	103	163
Public	1030	258	168	216	262	1128	1062	1064					5188	33720	37015
Large Group	0	0	0	0	0	0	0	0					0	0	0
Testing	15480	3524	1049	11752	3615	900	900	15174					52394	43672	123472
Specimen Collection	0	0	0	0	1	0	0	0					1	1	1
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	2022 YTD	2021 YTD	2021 Total
Sexually Transmitted Diseases															
Chlamydia	163	176	205	186	170	191	157	187					1435	1326	2019
Gonorrhea	35	40	32	36	42	41	27	29					282	327	462
Syphilis (1°,2°,Latent)	0	0	0	0	0	1	0	0					1	22	23
Syphilis (Congenital)	0	0	0	0	0	0	0	0					0	0	0
Syphilis (Other)	7	1	0	0	3	0	0	0					11	68	75
Syphilis TOTAL	7	1	0	0	3	1	0	0					12	90	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													***	6	12*
AIDS													***	***	***

*** 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	198	216	237	222	212	233	184	216					1718	1681	2505
OOJs [#] and Transfers	234	151	152	70	160	181	87	137					1172	2505	3626
Non-Reportable	14	2	4	0	4	0	0	0					24	101	118
Education															
Provider	1	2	1	0	0	0	3	2					9	6	14
Public	1	0	0	0	0	0	0	0					1	0	1
Large Group	0	0	0	0	0	0	0	0					0	0	0
Testing	0	0	0	0	0	0	0	0					0	0	0
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 process.



Kane County Department of Public Health

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

DISEASE REPORTED

J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2022 Total
0	1	0	0	2	0	2	3						

TUBERCULOSIS WORK UNIT

Disease Investigation

Reportable

Non-Reportable

Transfers

J	F	M	A	M	J	J	A	S	O	N	D	2022YTD	2022 Total
0	1	0	0	2	0	2	3						
35	5	10	10	14	17	29	12						
0	0	0	0	0		0	0						

Education

Provider

Public

Large Group

20	15	22	35	38	42	60	33						
9	10	20	28	30	28	14	10						
0	0	0	0	0	0		0						

Testing

Skin Tests

Chest X-Rays

8	1	1	2	4	1	3	4						
0	0	1	1	0	1	1	1						

Specimen Collection

Clinical Evaluation

Treatment Services

8	2	3	2	0	5	14	14						
3	0	12	15	18	31	53	33						
119	108	141	126	93	89	142	119						



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					465	813
Patients seen	20	24	30	29	19	25	25	29					201	387
RESIDENCY														
Aurora	15	15	18	20	15	13	14	21					131	254
Elgin/C'ville	2	2	0	2	0	4	5	2					17	33
Tri-Cities	0	1	1	2	0	4	0	3					11	44
Other	3	6	11	5	4	4	6	2					41	62
AGE														
0 - 18 Years	20	24	30	29	19	25	25	29					201	420
19 - 64 Years	1	0	0	0	0	0	0	0					1	0
> 64 Years	0	0	0	0	0	0	0	0					0	0
Influenza Vaccine Given	10	3	9	4	2	3	0	0					31	188101
COVID Vaccine Given	3623	620	210	1038	206	215	176	287					6375	187926
Total VACCINES Given	3664	679	284	1111	225	240	227	356					6406	376027



Lead Posioning Prevention Case Management 2022

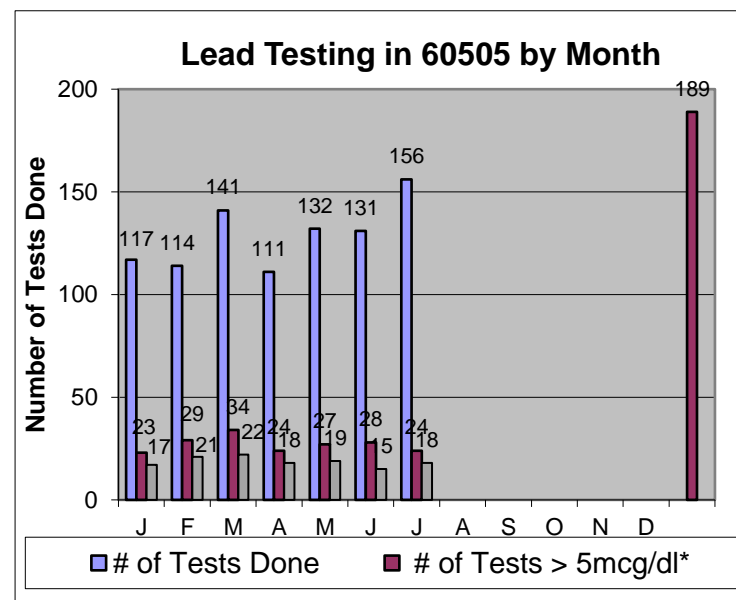
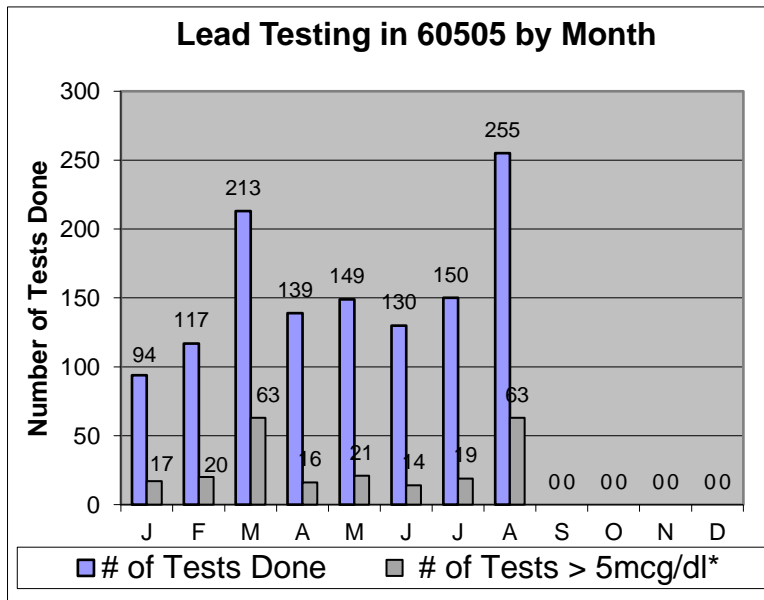
NEW ENROLLEE Lead Levels	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 Total
3 years to 6 Years														
>/= 20 mcg/dl	0	0	0	1	0	0	0	0	0	0	0	0	1	3
10 – 19 mcg/dl.	0	0	1	1		0	0	0	0	0	0	0	2	6
5 – 9 mcg/dl.*	2	2	4	2		0	0	0	0	0	0	0	10	26
6 Months - 3 Years														
>/=20 mcg/dl	0	0	0	0		0	0	0	0	0	0	0	0	1
10 - 19 mcg/dl	0	0	3	1		0	0	0	0	0	0	0	4	14
5 – 9 mcg/dl.*	1	2	7	2		0	0	0	0	0	0	0	12	37
Total	3	4	15	7	0	0	0	0	0	0	0	0	29	87
Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D		
Northern County	118	123	223	204		0	0	0	0	0	0	0		
Southern County	139	134	114	138		0	0	0	0	0	0	0		
Total	257	257	337	342	0	0	0	0	0	0	0	0		
Case Closures	24	2	43	5									74	110
NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 Total
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 Total
	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 Total
Calls	68	89	78	54	0	0	0	0	0	0	0	0	289	1683
Letters	51	32	33	23	0	0	0	0	0	0	0	0	139	695
Visits	9	30	28	15	0	0	0	0	0	0	0	0	82	282
Community Education	0	7	45	1	0	0	0	0	0	0	0	0	53	510
Total	128	158	184	93	0	0	0	0	0	0	0	0	563	3170

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

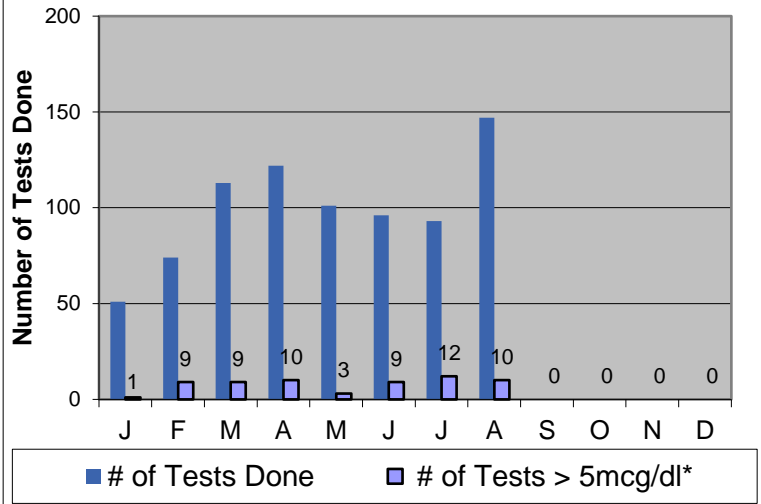
Lead Testing 2022

High Risk Zip Codes	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 Total	2020 Total
60505															
# of Tests Done	94	117	213	139	0	0	0	0	0	0	0	0	563	1783	135
# of Tests > 5mcg/dl*	17	20	63	16	0	0	0	0	0	0	0	0	116	351	9
60120															
# of Tests Done	51	74	113	122	0	0	0	0	0	0	0	0	360	1016	72
# of Tests > 5mcg/dl*	1	9	9	10	0	0	0	0	0	0	0	0	29	113	8
All Zip Codes															
Tests Done	442	511	783	693	0	0	0	0	0	0	0	0	2429	7102	544
Tests > 5mcg/dl*	44	55	119	60	0	0	0	0	0	0	0	0	278	826	23

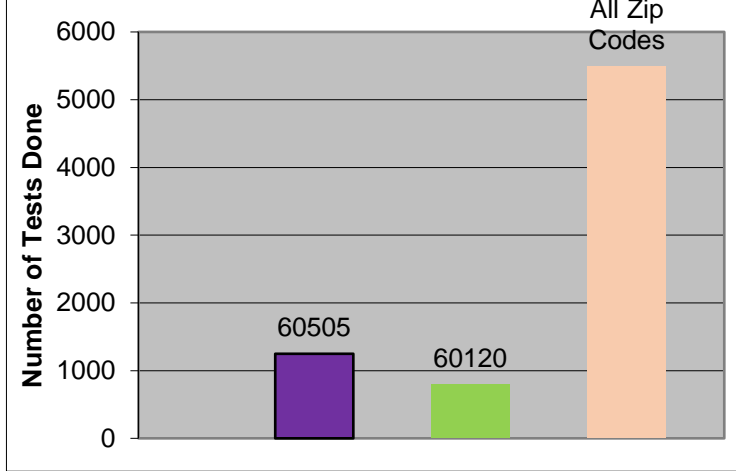
* Effective 7/1/19, the "blood lead level of concern" is ≥ 5 mcg/dl



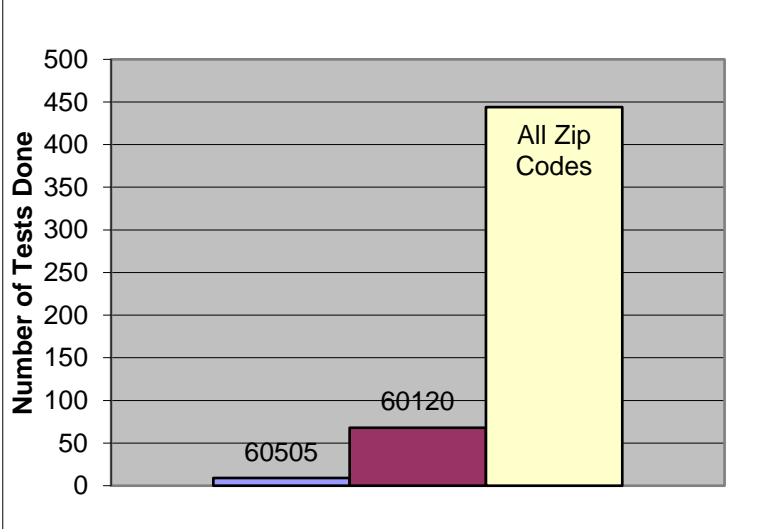
Lead Testing in 60120 by Month



Lead Tests Performed by Zipcode



Lead Tests > 5 mcg/dl by Zipcode



Lead Case Management 2022

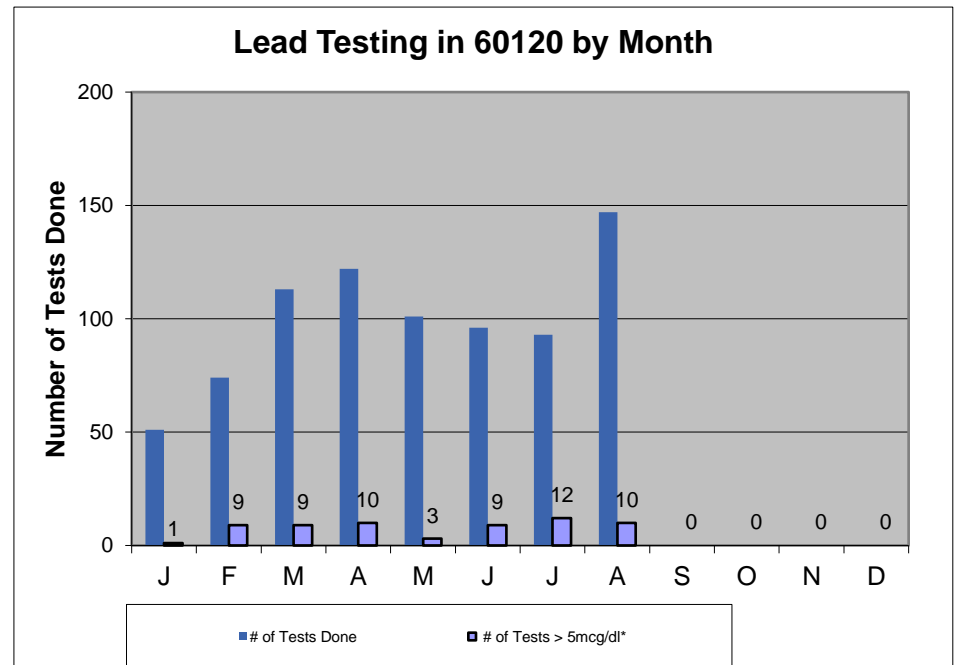
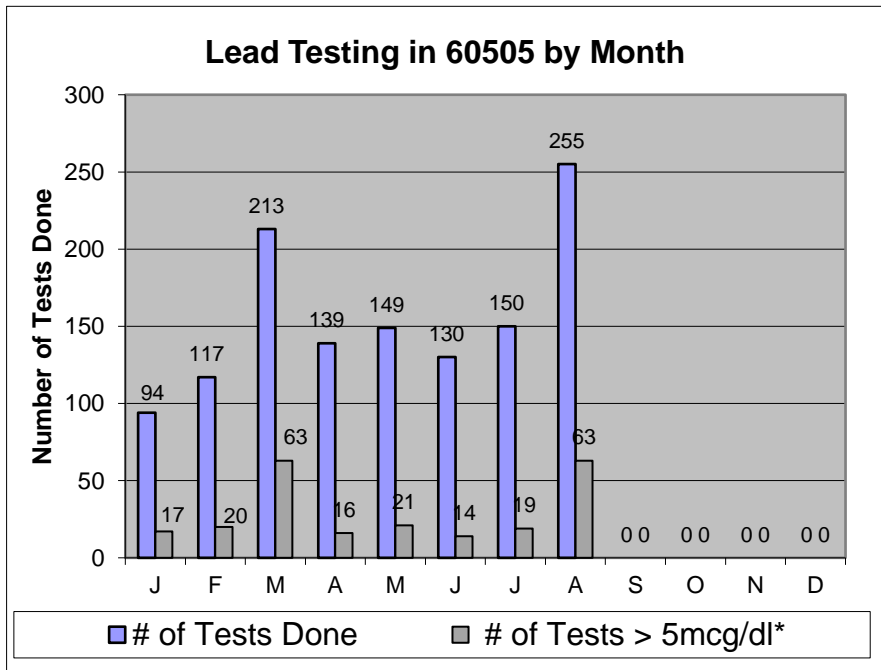
NEW ENROLLEE Lead Levels	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2021 YTD
3 years to 6 Years														
>= 20 mcg/dl	0	0	0	1	0	0	0	0	0	0	0	0	1	3
10 – 19 mcg/dl.	0	0	1	1	0	1	0	0	0	0	0	0	3	6
5 – 9 mcg/dl.*	2	2	4	2	1	3	5	3	0	0	0	0	22	26
6 Months - 3 Years														
>=20 mcg/dl	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10 - 19 mcg/dl	0	0	3	1	0	1	0	0	0	0	0	0	5	14
5 – 9 mcg/dl.*	1	2	7	2	3	1	2	9	0	0	0	0	27	37
Total	3	4	15	7	4	6	7	12	0	0	0	0	58	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	0	0	0	0		
Southern County	139	134	114	138	142	150	161	172	0	0	0	0		
Total	257	257	337	342	349	367	390	406	0	0	0	0		
Case Closures	24	2	43	5	1	3	5	23					106	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
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	0	0	0	0	541	1683
Letters	51	32	33	23	74	51	18	33	0	0	0	0	315	695
Visits	9	30	28	15	21	36	31	10	0	0	0	0	180	282
Community Education	0	7	45	1	80	24	0	288	0	0	0	0	445	510
Total	128	158	184	93	255	189	99	375	0	0	0	0	1481	3170

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

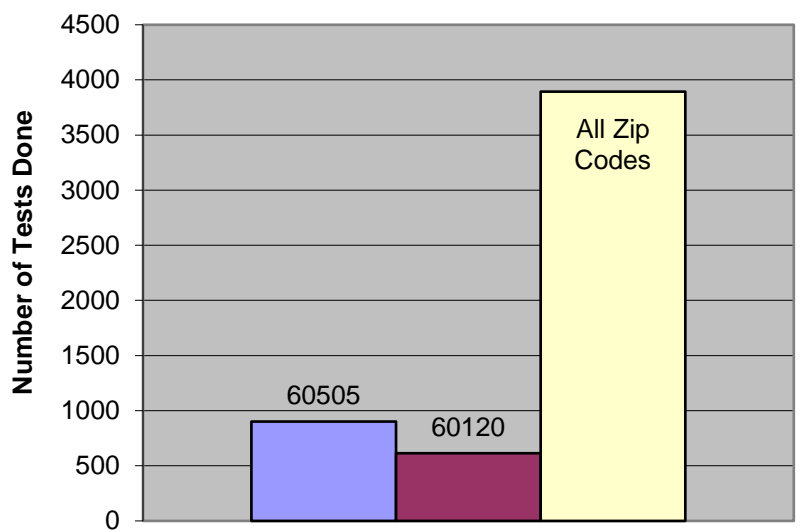
Lead Testing 2022

High Risk Zip	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	0	0	0	0	1247	1783	135
# of Tests > 5mcg/dl	17	20	63	16	21	14	19	63	0	0	0	0	233	351	9
60120															
# of Tests Done	51	74	113	122	101	96	93	147	0	0	0	0	797	1016	72
# of Tests > 5mcg/dl	1	9	9	10	3	9	12	10	0	0	0	0	63	113	8
All Zip Codes															
Tests Done	442	511	783	693	689	621	731	##	0	0	0	0	5493	7102	544
Tests > 5mcg/dl	44	55	119	60	50	58	65	135	0	0	0	0	586	826	23

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



Lead Tests Performed by Zipcode



Lead Tests > 5 mcg/dl by Zipcode

