

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 Total	2021 Total
Acute Pediatric Hepatitis***	3 hr.	0	0	0	1	0	0	0	0	0	0	0	0	1	0
Anaplasma phagocytophilum	7 day	0	0	0	0	0	1	0	0	0	0	0	0	1	1
Campylobacteriosis	24 hr.	7	3	10	11	9	11	9	8	6	9	11	6	100	101
Candida auris, clinical**	7 day	0	0	1	0	0	0	0	0	0	0	0	0	1	1
Carbapenem Resistant Organisms	7 day	1	1	0	3	0	0	0	0	0	1	1	0	7	3
Chikungunya Neuroinvasive Disease	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Coronavirus Novel 2019***	3 hr.	19335	2914	1032	2710	6046	3958	4884	3951	2436	1576	1988	3436	54266	46866
Cryptosporidiosis	7 day	0	0	4	5	1	0	2	1	2	0	3	2	20	25
Cyclosporiasis	7 day	0	0	0	0	1	4	2	0	0	1	1	0	9	11
Dengue and Dengue-like Illness	7 day	0	0	0	0	0	0	0	1	0	0	0	0	1	1
Ehrlichia chaffeensis (formerly HME)	7 day	0	0	0	0	0	1	0	0	0	0	0	0	1	1
Haemophilus Influenzae Invasive	24 hr.	2	0	1	0	2	1	1	1	0	0	3	3	14	2
Hemolytic Uremic Syndrome (HUS)	24 hr.	0	0	0	0	0	0	0	0	1	0	0	0	1	0
Hepatitis A	24 hr.	0	0	1	1	1	0	0	0	0	0	0	0	3	3
Hepatitis B Acute	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Hepatitis B Chronic	7 day	4	3	2	1	2	2	1	2	1	4	0	0	22	27
Hepatitis C Virus Acute Infection	7 day	2	0	1	0	0	0	0	0	0	0	0	1	4	3
Hepatitis C Virus Chronic Infection	7 day	5	7	5	6	3	0	3	8	7	7	2	6	59	114
Histoplasmosis	7 day	1	0	2	0	0	0	0	0	0	1	0	0	4	7
Influenza with ICU Hospitalization	24 hr.	0	1	1	5	5	1	0	0	0	1	17	11	42	2
Legionellosis - Legionnaires Disease	7 day	1	0	1	0	1	5	4	5	4	1	1	0	23	25
Listeria Invasive Disease	7 day	0	0	0	1	0	0	0	0	0	0	0	0	1	1
Lyme Disease	7 day	0	0	0	1	2	2	8	3	1	0	0	0	17	33
Malaria	7 day	0	0	0	0	0	1	0	0	0	0	0	1	2	1
Monkeypox***	3 hr.	0	0	0	0	0	1	3	7	1	1	0	0	13	0
Multisystem Inflammatory Syndrome	24 hr.	2	0	0	0	0	0	0	0	0	0	0	0	2	6
Pertussis	24 hr.	0	0	0	0	0	0	0	0	0	1	0	0	1	0
Rabies, Potential Human Exposure	24 hr.	4	2	8	7	7	7	7	15	15	5	6	8	91	82
Salmonellosis	7 day	1	1	0	4	5	5	4	3	3	4	5	5	40	78
Shiga toxin-producing E.coli O157:H7	24 hr.	0	0	0	0	0	0	0	1	0	1	0	0	2	3
Shiga toxin-producing E.coli- Shiga toxin Pos., non-O157 serotype	24 hr.	0	2	2	4	1	7	6	2	5	0	0	1	30	20
Shigellosis	7 day	1	1	1	1	1	1	2	0	3	3	1	1	16	5
Streptococcal Disease Invasive Group A [%]	24 hr.	0	2	0	0	0	1	1	1	0	0	2	2	9	4
Streptococcal Toxic Shock Syndrome	24 hr.	0	0	1	1	0	1	0	0	0	0	0	1	4	0
Streptococcus Pneumoniae*	7 day	0	0	1	2	0	0	1	0	0	0	0	0	0	1
Typhoid Fever	24 hr.	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Varicella (Chickenpox)	24 hr.	0	0	0	0	0	1	2	0	1	1	1	1	7	8
Vibrio cholera	24 hr.	0	1	0	0	0	0	0	0	0	0	0	0	1	0
Vibriosis	7 day	0	0	0	1	1	0	0	1	1	2	1	0	7	9
West Nile Virus Neuroinvasive	7 day	0	0	0	0	0	0	0	0	1	1	0	0	2	2

¹ Includes confirmed and probable cases * Non Drug Resistant Invasive Disease (< 5 years) ** Candida auris, clinical, is reportable effective 1/1/2019
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 Total	2021 Total
Food/Waterborne	0	1	1	1	0	0	0	0	1	0	0	0	4	0
Non-foodborne Clusters	19	16	21	25	34	10	16	11	17	9	16	15	209	186

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2022 Total	2021 Total
Disease Investigation														
Reportable	19366	2938	1074	2765	6088	4011	4940	4010	2488	1620	2043	3485	54828	47450
Non-Reportable	1247	256	85	344	222	191	159	153	102	81	77	63	2980	2045
Transfers	1400	740	2007	356	654	822	762	798	574	470	374	379	9336	8467
Education														
Provider	4	9	19	9	15	10	20	11	13	12	8	13	143	163
Public	1030	258	168	216	262	1128	1062	1064	935	600	590	507	7820	37015
Large Group	0	0	0	0	0	0	75/3	62/7	35/2	0	67/1	0	239/13	0
Testing	15480	3524	1049	11752	3615	900	900	15174	3820	40	1281	1283	58818	123472
Specimen Collection	0	0	0	0	1	0	0	0	0	0	0	0	1	1
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	2022 Total	2021 Total
Sexually Transmitted Diseases														
Chlamydia	164	177	207	187	169	193	164	201	159	139	136	174	2070	2019
Gonorrhea	35	40	31	38	44	45	30	35	34	22	35	21	410	462
Syphilis (1°,2°,Latent)	1	0	0	0	1	1	0	1	0	1	1	0	6	23
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis (Other)	3	1	0	0	2	0	1	0	2	0	6	13	28	75
Syphilis TOTAL	4	1	0	0	3	1	1	1	2	1	7		21	98

[&] Data are provisional and subject to change

1b. DISEASE REPORTED	J	F	M	A	M	J	J	A	S	O	N	D	2022 Total	2021 Total
HIV / AIDS														
HIV Infections													***	12*
AIDS													***	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 Total	2021 Total
Disease Investigation														
Reportable	200	217	238	225	214	239	194	237	193	162	172	195	2486	2505
OOJs [#] and Transfers	149	94	95	44	93	111	52	93	65	76	87	59	1018	3626
Non-Reportable	12	2	4	0	3	0	1	1	2	2	7	14	48	118
Education														
Provider	1	2	1	0	0	0	3	2	3	1	0	0	13	14
Public	1	0	0	0	0	0	0	0	0	1	0	0	2	1
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
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	17	65	668	813
Patients seen	20	24	30	29	19	25	25	29	34	17	8	25	285	387
RESIDENCY														
Aurora	15	15	18	20	15	13	14	21	19	11	4	20	185	254
Elgin/C'ville	2	2	0	2	0	4	5	2	4	2	0	0	23	33
Tri-Cities	0	1	1	2	0	4	0	3	1	1	1	1	15	44
Other	3	6	11	5	4	4	6	2	10	3	3	4	61	62
AGE														
0 - 18 Years	20	24	30	29	19	25	25	29	34	9	6	25	275	420
19 - 64 Years	1	0	0	0	0	0	0	0	0	0	0	0	1	0
> 64 Years	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza Vaccine Given	10	3	9	4	2	3	0	0	0	116	57	22	226	89
COVID Vaccine Given	3623	620	210	1038	206	215	176	287	544	278	88	47	7332	188101
Total VACCINES Given	3664	679	284	1111	225	240	227	356	623	320	159	134	7558	188190



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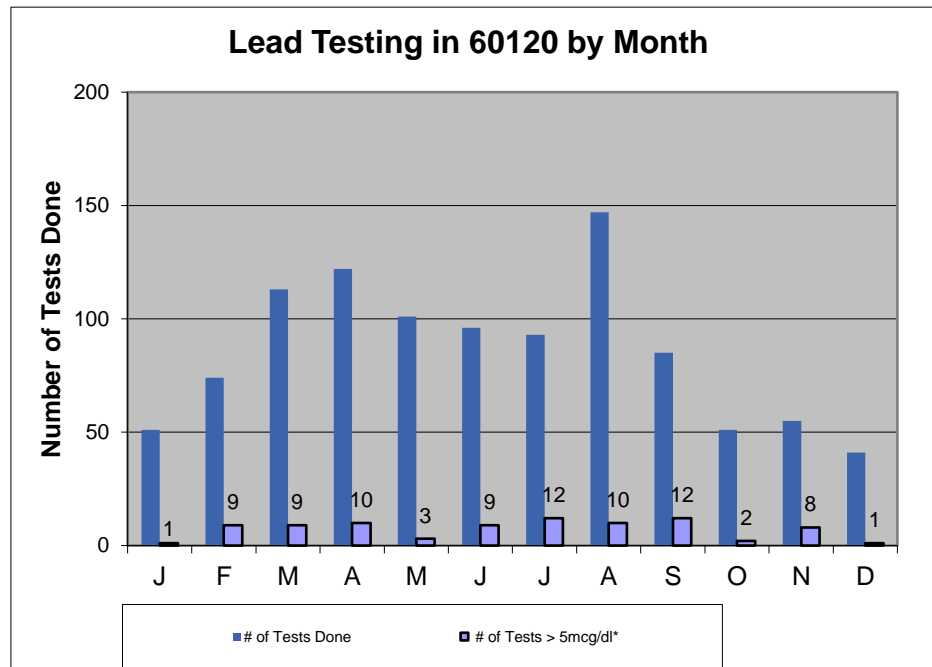
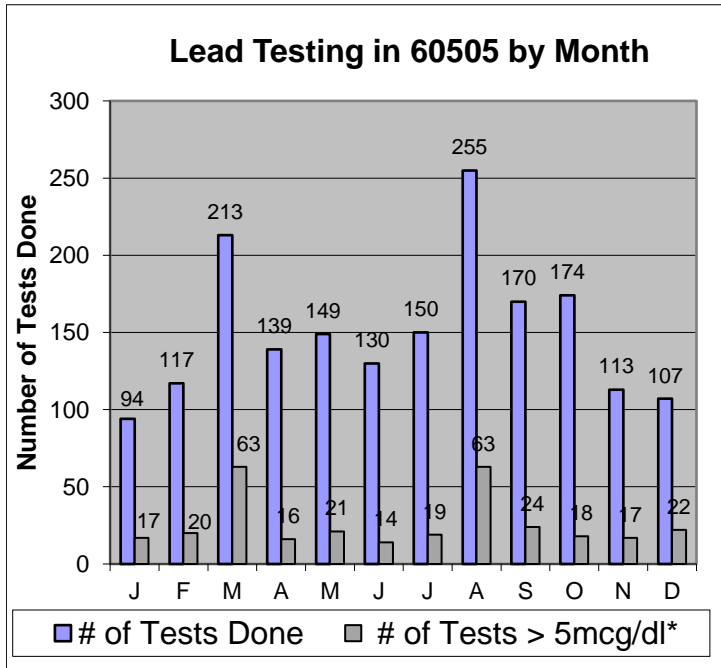
TB Program

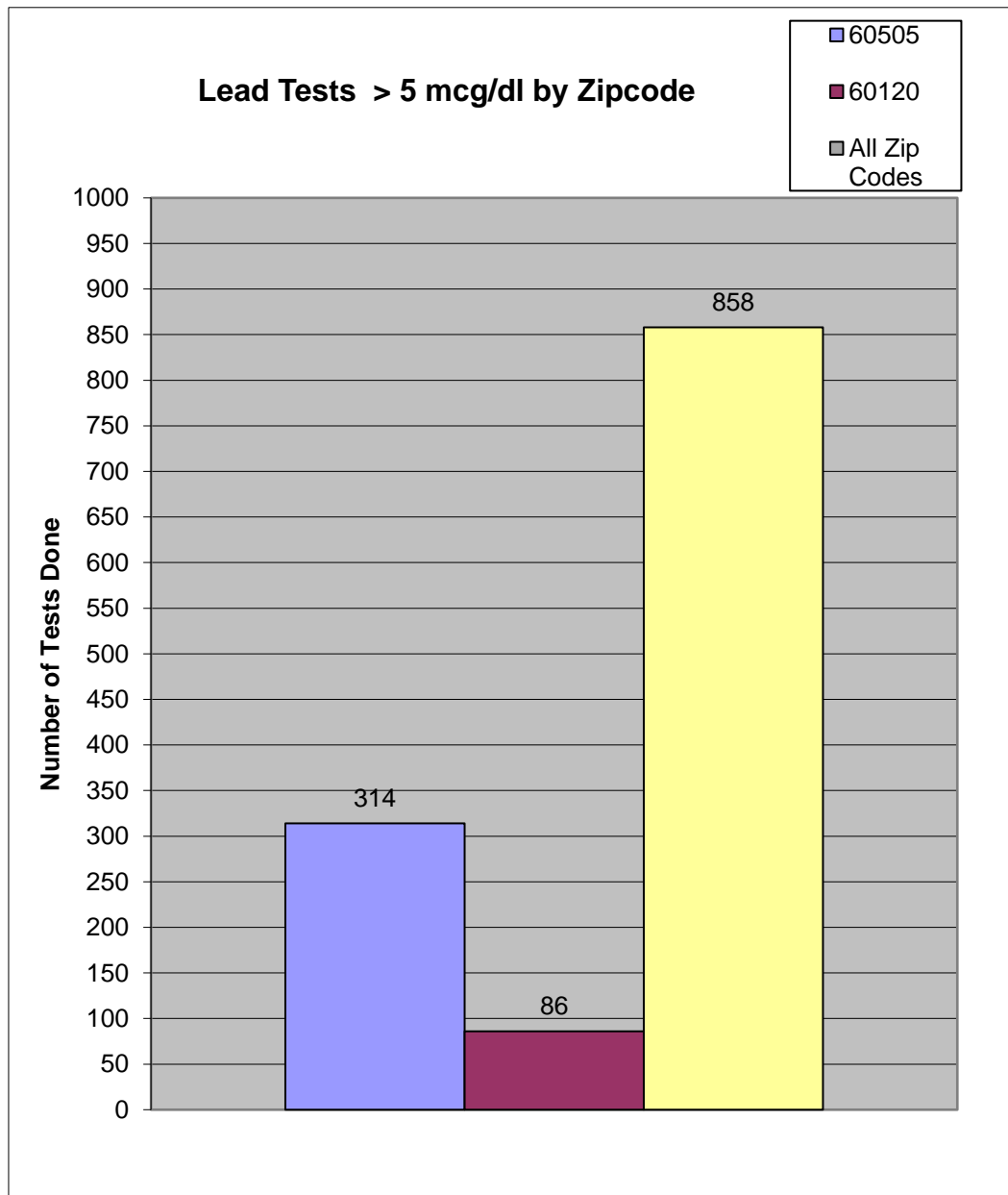
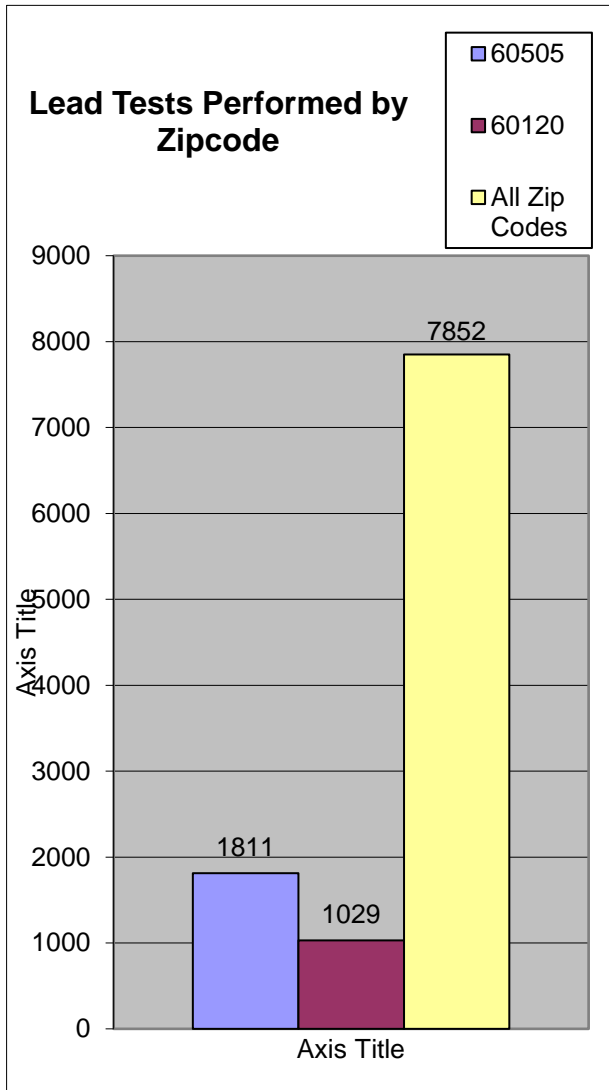
2022	J	F	M	A	M	J	J	A	S	O	N	D	2022 YTD	2022 Total
REPORTED	0	1	0	0	2	0	2	3	0	0	0	2	10	10
WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2022YTD	2022 Total
Disease Investigation														
Reportable	0	1	0	0	2	0	2	3	0	0	0	2	10	10
Non-Reportable	35	5	10	10	14	17	29	12	10	11	11	14	178	178
Transfers	0	0	0	0	0		0	0	0	0	0	0	0	0
Education														
Provider	20	15	22	35	38	42	60	33	21	26	22	34	368	368
Public	9	10	20	28	30	28	14	10	11	13	17	21	211	211
Large Group	0	0	0	0	0	0		0	0	0	0		0	0
Testing														
Skin Tests	8	1	1	2	4	1	3	4		4	2	2	32	32
Chest X-Rays	0	0	1	1	0	1	1	1	0	0	1	0	6	6
Specimen Collection	8	2	3	2	0	5	14	14	6	9	8	4	75	75
Clinical Evaluation	3	0	12	15	18	31	53	33	31	42	39	26	303	303
Treatment Services	119	108	141	126	93	89	142	119	105	84	81	74	1281	1281

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	113	107	1811	1783	135
# of Tests > 5mcg/dl*	17	20	63	16	21	14	19	63	24	18	17	22	314	351	9
60120															
# of Tests Done	51	74	113	122	101	96	93	147	85	51	55	41	1029	1016	72
# of Tests > 5mcg/dl*	1	9	9	10	3	9	12	10	12	2	8	1	86	113	8
All Zip Codes															
Tests Done	442	511	783	693	689	621	731	1023	740	677	442	500	7852	7102	544
Tests > 5mcg/dl*	44	55	119	60	50	58	65	135	81	59	60	72	858	826	23

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





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	1	2	3
10 – 19 mcg/dl.	0	0	1	1	0	1	0	0	3	0	1	0	7	6
5 – 9 mcg/dl.*	2	2	4	2	1	3	5	3	3	1	0	3	29	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	2	4	38	37
Total	3	4	15	7	4	6	7	12	13	4	3	8	86	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	88	93		
Southern County	139	134	114	138	142	150	161	172	141	142	137	152		
Total	257	257	337	342	349	367	390	406	233	237	225	245		
	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	12	4	315	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	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 INTERVENTION	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	41	25	686	1683
Letters	51	32	33	23	74	51	18	33	46	33	44	9	447	695
Visits	9	30	28	15	21	36	31	10	35	28	22	23	288	282
Community Education	0	7	45	1	80	24	0	288	1	1	1	4	452	510
Total	128	158	184	93	255	189	99	375	130	93	108	61	1873	3170

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