

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*

DISEASE REPORTED	Reporting Time	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
Anaplasmosis	7 day	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0
Anthrax	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botulism, foodborne	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Botulism, other	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brucellosis	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brucellosis, suspect bioterrorism	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
California Encephalitis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Campylobacter *	7 day	2	1	2	3	0	5	4	10	3	10	6	5	51	NA	NA
Chickenpox (Varicella)	24 hour	5	0	8	11	3	0	0	0	6	0	4	0	37	23	24
Chikungunya	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3
Cholera	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Creutzfeldt-Jakob Disease	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cryptosporidiosis	7 day	0	0	0	0	0	1	0	0	1	0	1	0	3	2	3
Cyclosporiasis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Denque	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diphtheria	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Eastern Equine Encephalitis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ehrlichiosis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Enteric E.coli infections^	24 hour	0	1	0	0	0	1	0	0	1	1	0	0	4	7	7
Haemophilus influenzae, invasive	24 hour	0	0	0	0	1	0	0	0	0	0	2	2	5	6	7
Hantavirus	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hemolytic Uremic Syndrome, post diarrheal	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Hepatitis A, acute	24 hour	2	0	0	0	0	0	0	0	1	1	0	1	5	3	3
Hepatitis B, acute	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
Hepatitis B, chronic	7 day	3	5	1	2	4	3	4	0	2	3	1	1	29	32	34
Hepatitis C, acute and chronic	7 day	9	8	10	13	14	6	5	18	6	9	11	4	113	128	139
Hepatitis D, acute	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Histoplasmosis	7 day	0	1	1	1	0	0	1	2	0	0	1	1	8	2	2
Influenza Death (< 18 years)	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza, ICU admission	24 hour	0	10	7	2	0	0	0	0	1	0	0	0	20	20	20
Influenza, Novel Influenza A	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Legionellosis	7 day	1	0	0	0	1	1	3	1	1	1	1	1	11	6	6
Leprosy	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Leptospirosis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Listeriosis	7 day	1	0	0	0	0	0	0	1	0	0	0	0	2	0	0
Lyme disease	7 day	0	0	0	0	0	1	2	3	1	0	0	0	7	7	7
Malaria	7 day	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1
Measles	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mumps	24 hour	1	1	0	0	1	0	0	2	1	0	0	0	6	4	4
Neisseria meningitidis, invasive	24 hour	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
Pertussis	24 hour	11	6	1	4	1	0	5	5	0	2	1	5	41	9	10
Plague	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poliomyelitis	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Psittacosis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q-fever	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Q-fever, suspect bioterrorism	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabies, Human	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabies, Potential Human Exposure	24 hour	1	0	2	6	7	3	3	7	0	2	0	1	32	31	31
Reye Syndrome	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rocky Mountain spotted fever	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rubella	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salmonellosis	7 day	2	5	1	1	2	5	6	7	5	3	3	1	41	96	98
Severe Acute Respiratory Syndrome (SARS)	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis	7 day	1	1	0	0	1	0	2	0	2	6	4	1	18	22	27
Smallpox	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Smallpox Vaccination Complication	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
St. Louis Encephalitis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus (high level vancomycin resistant)	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus (intermediate vancomycin resistant)	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus, methicillin resistant (MRSA), community cluster	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Staphylococcus aureus, methicillin resistant (MRSA), in those <61 days old	24 hour	1	2	0	0	0	0	0	0	1	1	1	0	6	3	3
Streptococcal infections, Group A invasive disease %	24 hour	2	3	1	3	1	3	1	1	1	0	1	0	17	12	13
Streptococcus pneumoniae, Invasive Disease, in those < 5 years old **	7 day	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0
Tetanus	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Toxic shock syndrome, staphylococcus aureus	7 day	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1
Trichinosis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Tularemia, suspect bioterrorism	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Typhoid Fever	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Typhus	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Unusual case	3 hour	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
Vibriosis (Non-cholera)	7 day	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
West Nile Virus	7 day	0	0	0	0	0	0	0	0	6	1	0	0	7	4	4
Western Equine Encephalitis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Yersiniosis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Zika Virus #	24 hour	0	0	1	0	0	1	1	0	1	0	0	0	4	NA	NA

& includes confirmed and probable cases

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

% Includes streptococcal toxic shock syndrome and necrotizing fasciitis

* Newly reportable effective January 1, 2016

^ O157:H7, STEC, EIEC, ETEC, EPEC

Data collection began January 15, 2016

42 45 36 46 37 31 40 57 40 40 37

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
Food/Waterborne	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
Non-foodborne Clusters	3	3	2	2	0	0	0	1	0	0	0	7	18	12	13

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
Disease Investigation															
Reportable	42	47	36	46	38	31	41	56	36	32	32	24	461	428	453
Non-Reportable	28	24	36	33	39	43	34	60	35	26	30	20	408	314	336
Transfers	30	30	68	63	64	41	70	80	61	54	40	47	648	478	517
Education															
Provider	20	24	27	15	25	30	16	38	27	25	28	20	295	224	239
Public	8	13	10	6	13	20	13	20	11	13	4	3	134	123	131
Large Group	0	0	0	0	0	0	0	0	0	1	0	0	1	0	3/99
Testing															
Specimen Collection	2	1	0	2	0	0	0	20	4	0	0	0	29	125	125
Clinical Evaluation	0	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	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	2016 YTD	2015 YTD	2015 TOTAL
Sexually Transmitted Diseases															
Chlamydia	152	184	183	166	173	166	165	210	130	163	125	163	1980	1720	1856
Gonorrhea	33	31	32	40	35	52	45	66	38	44	28	33	477	296	320
Syphilis (1°,2°,Latent)	1	5	0	3	5	1	1	3	1	1	0	1	22	15	24
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
Syphilis (Other)	1	3	0	3	2	2	0	2	0	2	2	0	17	14	18
Syphilis TOTAL	2	8	0	6	7	3	1	5	1	3	2	1	39	29	44

1b. DISEASE REPORTED *	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD*	2015 YTD	Cumulative
HIV / AIDS															
HIV Infections													***		***
AIDS													***		***

* Based on Illinois Department of Public Health HIV / AIDS Surveillance Report

*** Data not available at time of printing

2. STD/ HIV/AIDS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
Disease Investigation															
Reportable	188	192	224	184	223	228	188	294	177	222	160	197	2477	2112	2303
Non-Reportable	13	22	40	18	31	21	36	21	36	20	22	53	333	229	261
Transfers	12	11	22	18	17	9	12	4	5	0	5	7	122	66	74
Education															
Provider	2	2	2	5	5	2	1	3	5	0	0	0	27	19	21
Public	2	3	1	3	1	3	5	2	3	0	0	0	23	29	31
Large Group	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
Testing	0	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	0
Clinical Evaluation	0	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	0

KANE COUNTY DEPARTMENT OF HEALTH
 Communicable Disease Control Monthly Report
 C. Tuberculosis

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.

	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
1. DISEASE REPORTED	0	0	1	3	2	0	2	2	4	2	0	1	17	16	18

2. TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
Disease Investigation															
Reportable	0	0	1	3	2	0	2	2	4	2	0	1	17	16	18
Non-Reportable	3	3	2	2	2	7	1	3	1	1	3	4	32	18	22
Transfers	0	0	0	1	0	0	0	0	0	0	0	0	1	6	6
Education															
Provider	36	32	30	6	36	27	25	14	27	21	21	15	290	238	259
Public	50	44	12	79	64	32	30	28	32	27	32	30	460	282	312
Large Group	0	0	0	0	0	1/25	1/38	0	0	1	0	0	2/63	0	9/732
Testing															
Skin Tests	20	18	2	5	5	20	38	1	16	31	3	16	175	485	494
Chest X-Rays	5	7	7	3	5	7	10	6	6	9	2	3	70	115	124
Specimen Collection	51	65	41	48	35	43	62	51	61	61	21	29	568	605	644
Clinical Evaluation	119	104	138	116	96	104	81	94	92	66	96	72	1178	999	1052
Treatment Services	112	122	156	109	104	103	172	173	160	127	163	139	1640	1211	1340

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

VACCINES (Excludes Influenza)	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
Shots given	89	72	140	27	77	26	10	28	133	117	68	36	755	1225	1309
Patients seen	31	33	54	14	44	15	6	14	67	59	27	12	349	576	612
RESIDENCY															
Aurora	22	23	33	13	30	8	2	6	30	31	19	5	203	328	356
Elgin/C'ville	0	2	4	0	4	1	3	5	11	5	3	1	36	72	72
Tri-Cities	3	3	9	1	5	3	0	2	15	10	4	3	54	92	96
Other	6	5	8	0	5	3	1	1	11	13	1	3	56	84	88
AGE															
0 - 18 Years	31	33	54	14	44	15	6	14	67	59	27	12	349	525	561
19 - 64 Years	0	0	0	0	0	0	0	0	0	1	0	0	1	51	51
> 64 Years	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Influenza Vaccine Only	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 TOTAL
Shots given	14	6	12	3	0	0	0	0	0	19	15	2	56	685	699

**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	2016 YTD	2015 YTD	2015 Total
3 years to 6 Years															
>= 20 mcg/dl	1	0	0	0	0	0	0	0	0	0	0	0	1	2	3
10 - 19 mcg/dl.	0	1	0	0	1	0	1	1	1	0	2	1	8	13	15
6 Months - 3 Years															
>=20 mcg/dl	0	0	0	2	0	0	0	0	3	0	1	1	7	3	4
10 - 19 mcg/dl	4	2	3	1	2	5	3	0	1	4	1	1	27	30	33
Total	5	3	3	3	3	5	4	1	5	4	4	3	43	48	55

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	47	43	44	43	40	39	39	40	40	40	41	43
Southern County	49	33	35	31	29	27	31	31	29	32	33	23
Total	96	76	79	74	69	66	70	71	69	72	74	66

	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 Total
Case Closures	8	17	1	8	10	5	0	1	6	3	0	0	59	49	53

NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 Total
Initial Visit	5	4	3	3	3	5	4	4	3	4	4	3	45	46	51
Repeat Visit	6	7	9	17	7	14	12	11	18	5	5	2	113	108	116
Total	11	11	12	20	10	19	16	15	21	9	9	5	158	154	167

	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 Total
NURSE HOME VISITS ATTEMPTED NOT COMPLETED	5	3	3	4	1	0	6	5	5	2	1	0	35	57	65

EDUCATIONAL INTERVENTIONS	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 Total
Calls	51	39	45	43	36	48	29	59	48	60	32	33	523	469	488
Letters	85	61	64	132	62	98	34	124	91	68	86	64	969	934	987
Visits	12	17	24	28	16	27	17	20	29	10	23	7	230	295	319
Community Education	1	2	2	1	1	1	1	250	2	4	4	2	271	412	413
Total	149	119	135	204	115	174	81	453	170	142	145	106	1993	2110	2207

**Kane County Health Department
Childhood Lead Prevention Program
Case Management**

Kane County Health Department Childhood Lead Prevention Program Lead Testing Summary

	J	F	M	A	M	J	J	A	S	O	N	D	2016 YTD	2015 YTD	2015 Total
High Risk Zip Codes															
60505															
Tests Done	189	170	194	160	178	80	125	134	144	172	123	114	1783	1905	2320
Tests > 9mcg/dl	1	4	1	1	10	3	2	4	2	1	6	3	38	29	38
60120															
Tests Done	132	120	108	95	153	56	84	101	165	128	112	100	1354	1288	1653
Tests > 9mcg/dl	5	2	0	2	2	2	1	1	4	2	3	0	24	27	43
All Zip Codes															
Tests Done	681	641	664	583	699	337	462	508	723	697	488	518	7001	6977	8711
Tests > 9mcg/dl	12	8	2	12	17	7	7	6	11	9	13	4	108	102	146

* Data Not Available at Time of Printing

