

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				1	0	0
Anthrax	3 hour	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
Botulism, other	24 hour	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
Brucellosis, suspect bioterrorism	3 hour	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
Campylobacter *	7 day	2	1	2	3	0	5	4	10	3				30	NA	NA
Chickenpox (Varicella)	24 hour	5	0	8	11	3	0	0	0	6				33	17	24
Chikungunya	7 day	0	0	0	0	0	0	0	0	0				0	2	3
Cholera	24 hour	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
Cryptosporidiosis	7 day	0	0	0	0	0	1	0	0	1				2	1	3
Cyclosporiasis	7 day	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
Diphtheria	3 hour	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
Ehrlichiosis	7 day	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	0				2	7	7
Haemophilus influenzae, invasive	24 hour	0	0	0	0	1	0	0	0	0				1	4	7
Hantavirus	24 hour	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
Hepatitis A, acute	24 hour	2	0	0	0	0	0	0	0	1				3	1	3
Hepatitis B, acute	7 day	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				24	24	34
Hepatitis C, acute and chronic	7 day	9	10	10	13	15	6	6	18	5				92	108	139
Hepatitis D, acute	7 day	0	0	0	0	0	0	0	0	0				0	0	0
Histoplasmosis	7 day	0	1	1	1	0	0	1	2	0				6	1	2
Influenza Death (< 18 years)	7 day	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				20	19	20
Influenza, Novel Influenza A	3 hour	0	0	0	0	0	0	0	0	0				0	0	0
Legionellosis	7 day	1	0	0	0	1	1	3	1	1				8	4	6
Leprosy	7 day	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
Listeriosis	7 day	1	0	0	0	0	0	0	1	0				2	0	0
Lyme disease	7 day	0	0	0	0	0	1	2	3	1				7	6	7
Malaria	7 day	0	0	0	0	0	0	1	0	0				1	1	1
Measles	24 hour	0	0	0	0	0	0	0	0	0				0	0	0
Mumps	24 hour	1	1	0	0	1	0	0	2	1				6	4	4
Neisseria meningitidis, invasive	24 hour	0	0	0	0	0	1	0	0	0				1	0	0
Pertussis	24 hour	11	6	1	4	1	0	5	5	0				33	7	10
Plague	3 hour	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
Psittacosis	7 day	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
Q-fever, suspect bioterrorism	3 hour	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
Rabies, Potential Human Exposure	24 hour	1	0	2	6	7	3	3	7	0				29	31	31
Reye Syndrome	7 day	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
Rubella	24 hour	0	0	0	0	0	0	0	0	0				0	0	0
Salmonellosis	7 day	2	5	1	1	2	5	6	6	4				32	69	98
Severe Acute Respiratory Syndrome (SARS)	3 hour	0	0	0	0	0	0	0	0	0				0	0	0
Shigellosis	7 day	1	1	0	0	1	0	2	0	2				7	18	27
Smallpox	3 hour	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
St. Louis Encephalitis	7 day	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
Staphylococcus aureus (intermediate vancomycin resistant)	24 hour	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
Staphylococcus aureus, methicillin resistant (MRSA), in those <61 days old	24 hour	1	2	0	0	0	0	0	0	0	0	0	0	3	3
Streptococcal infections, Group A invasive disease %	24 hour	2	3	1	3	1	3	1	1	1	0	0	0	16	7
Streptococcus pneumoniae, Invasive Disease, in those < 5 years old **	7 day	0	0	1	0	0	0	0	0	0	0	0	0	1	0
Tetanus	7 day	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
Trichinosis	7 day	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
Tularemia, suspect bioterrorism	3 hour	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
Typhus	24 hour	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
Vibriosis (Non-cholera)	7 day	0	1	0	0	0	0	0	0	0	0	0	0	1	0
West Nile Virus	7 day	0	0	0	0	0	0	0	0	6	0	0	0	6	4
Western Equine Encephalitis	7 day	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
Zika Virus #	24 hour	0	0	1	0	0	1	1	0	1	0	0	0	4	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

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	4	5
Non-foodborne Clusters	3	3	2	2	0	0	0	1	0				11	11	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				373	345	453
Non-Reportable	28	24	36	33	39	43	34	60	35				332	263	336
Transfers	30	30	68	63	64	41	70	78	60				504	397	517
Education															
Provider	20	24	27	15	25	29	16	37	26				219	180	239
Public	8	13	10	6	13	20	13	20	11				114	102	131
Large Group	0	0	0	0	0	0	0	0	0				0	3/99	3/99
Testing															
Specimen Collection	2	1	0	2	0	0	0	20	4				29	80	125
Clinical Evaluation	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

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	148	182	182	163	172	163	159	207	108				1484	1423	1856
Gonorrhea	33	29	32	40	35	47	39	58	34				347	240	320
Syphilis (1°,2°,Latent)	1	5	0	3	5	1	1	3	1				20	12	24
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0				0	0	2
Syphilis (Other)	1	3	0	3	2	2	0	2	0				13	13	18
Syphilis TOTAL	2	8	0	6	7	3	1	5	1	0	0	0	33	25	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				1898	1742	2303
Non-Reportable	13	22	40	18	31	21	36	21	36				238	193	261
Transfers	12	11	22	18	17	9	12	4	5				110	57	74
Education															
Provider	2	2	2	5	5	2	1	3	5				27	15	21
Public	2	3	1	3	1	3	5	2	3				23	26	31
Large Group	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
Specimen Collection	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
Treatment Services	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				14	9	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				14	9	18
Non-Reportable	3	3	2	2	2	7	1	3	1				24	16	22
Transfers	0	0	0	1	0	0	0	0	0				1	4	6
Education															
Provider	36	32	30	6	36	27	25	14	27				233	196	259
Public	50	44	12	79	64	32	30	28	32				371	229	312
Large Group	0	0	0	0	0	1/25	1/38	0	0				2/63	8/724	9/732
Testing															
Skin Tests	20	18	2	5	5	20	38	1	16				125	457	494
Chest X-Rays	5	7	7	3	5	7	10	6	6				56	98	124
Specimen Collection	51	65	41	48	35	43	62	51	61				457	506	644
Clinical Evaluation	119	104	138	116	96	104	81	94	92				944	811	1052
Treatment Services	112	122	156	109	104	103	172	173	160				1211	921	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				602	1009	1309
Patients seen	31	33	54	14	44	15	6	14	67				278	483	612
RESIDENCY															
Aurora	22	23	33	13	30	8	2	6	30				167	261	356
Elgin/C'ville	0	2	4	0	4	1	3	5	11				30	65	72
Tri-Cities	3	3	9	1	5	3	0	2	15				41	85	96
Other	6	5	8	0	5	3	1	1	11				40	72	88
AGE															
0 - 18 Years	31	33	54	14	44	15	6	14	67				278	432	561
19 - 64 Years	0	0	0	0	0	0	0	0	0				0	51	51
> 64 Years	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	19				54	44	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				1	2	3
10 - 19 mcg/dl.	0	1	0	0	1	0	1	1	1				5	12	15
6 Months - 3 Years															
>=20 mcg/dl	0	0	0	2	0	0	0	0	3				5	2	4
10 - 19 mcg/dl	4	2	3	1	2	5	3	0	1				21	24	33
Total	5	3	3	3	3	5	4	1	5	0	0	0	32	40	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			
Southern County	49	33	35	31	29	27	31	31	29			
Total	96	76	79	74	69	66	70	71	69	0	0	0

	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				56	45	85

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				34	36	57
Repeat Visit	6	7	9	17	7	14	12	11	18				101	91	97
Total	11	11	12	20	10	19	16	15	21	0	0	0	135	127	154

	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				32	50	62

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				398	381	435
Letters	85	61	64	132	62	98	34	124	91				751	814	1010
Visits	12	17	24	28	16	27	17	20	29				190	252	261
Community Education	1	2	2	1	1	1	1	250	2				261	361	268
Total	149	119	135	204	115	174	81	453	170	0	0	0	1600	1808	1974

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				1374	1905	2320
Tests > 9mcg/dl	1	4	1	1	10	3	2	4	2				28	29	38
60120															
Tests Done	132	120	108	95	153	56	84	101	165				1014	1288	1653
Tests > 9mcg/dl	5	2	0	2	2	2	1	1	4				19	27	43
All Zip Codes															
Tests Done	681	641	664	583	699	337	462	508	723				5298	6977	8711
Tests > 9mcg/dl	12	8	2	12	17	7	7	6	11				82	102	146

