

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	2010												2010 YTD	2011 YTD	2011 TOTAL
		J	F	M	A	M	J	J	A	S	O	N	D			
Anaplasmosis	7 day	0	0	0	0	0								0	0	0
Anthrax	3 hour	0	0	0	0	0								0	0	0
Botulism, foodborne	3 hour	0	0	0	0	0								0	0	0
Botulism, other	24 hour	0	0	0	0	0								0	0	0
Brucellosis	24 hour	0	0	0	0	0								0	0	0
Brucellosis, suspect bioterrorism	3 hour	0	0	0	0	0								0	0	0
California Encephalitis	7 day	0	0	0	0	0								0	0	0
Campylobacter *	7 day	2	1	2	3	0								8	NA	NA
Chickenpox (Varicella)	24 hour	5	0	8	11	3								27	12	24
Chikungunya	7 day	0	0	0	0	0								0	2	3
Cholera	24 hour	0	0	0	0	0								0	0	0
Creutzfeldt-Jakob Disease	7 day	0	0	0	0	0								0	0	0
Cryptosporidiosis	7 day	0	0	0	0	0								0	0	3
Cyclosporiasis	7 day	0	0	0	0	0								0	1	2
Denque	7 day	0	0	0	0	0								0	0	0
Diphtheria	3 hour	0	0	0	0	0								0	0	0
Eastern Equine Encephalitis	7 day	0	0	0	0	0								0	0	0
Ehrlichiosis	7 day	0	0	0	0	0								0	0	0
Enteric E.coli infections^	24 hour	0	1	0	0	0								1	5	7
Haemophilus influenzae, invasive	24 hour	0	0	0	0	1								1	0	7
Hantavirus	24 hour	0	0	0	0	0								0	0	0
Hemolytic Uremic Syndrome, post diarrheal	24 hour	0	0	0	0	0								0	0	0
Hepatitis A, acute	24 hour	2	0	0	0	0								2	0	3
Hepatitis B, acute	7 day	0	0	0	0	0								0	2	2
Hepatitis B, chronic	7 day	3	5	1	1	3								13	15	34
Hepatitis C, acute and chronic	7 day	9	9	10	13	15								56	54	139
Hepatitis D, acute	7 day	0	0	0	0	0								0	0	0
Histoplasmosis	7 day	0	1	1	1	0								3	1	2
Influenza Death (< 18 years)	7 day	0	0	0	0	0								0	0	0
Influenza, ICU admission	24 hour	0	10	7	2	0								19	18	20
Influenza, Novel Influenza A	3 hour	0	0	0	0	0								0	0	0
Legionellosis	7 day	1	0	0	0	0								1	0	6
Leprosy	7 day	0	0	0	0	0								0	0	0
Leptospirosis	7 day	0	0	0	0	0								0	0	0
Listeriosis	7 day	1	0	0	0	0								1	0	0
Lyme disease	7 day	0	0	0	0	0								0	0	7
Malaria	7 day	0	0	0	0	0								0	1	1
Measles	24 hour	0	0	0	0	0								0	0	0
Mumps	24 hour	1	1	0	0	1								3	2	4
Neisseria meningitidis, invasive	24 hour	0	0	0	0	0								0	0	0
Pertussis	24 hour	11	6	1	4	1								23	3	10
Plague	3 hour	0	0	0	0	0								0	0	0
Poliomyelitis	3 hour	0	0	0	0	0								0	0	0
Psittacosis	7 day	0	0	0	0	0								0	0	0
Q-fever	24 hour	0	0	0	0	0								0	0	0
Q-fever, suspect bioterrorism	3 hour	0	0	0	0	0								0	0	0
Rabies, Human	24 hour	0	0	0	0	0								0	0	0
Rabies, Potential Human Exposure	24 hour	1	0	2	6	7								16	7	31
Reye Syndrome	7 day	0	0	0	0	0								0	0	0
Rocky Mountain spotted fever	7 day	0	0	0	0	0								0	0	0
Rubella	24 hour	0	0	0	0	0								0	0	0
Salmonellosis	7 day	2	5	1	1	1								10	31	98
Severe Acute Respiratory Syndrome (SARS)	3 hour	0	0	0	0	0								0	0	0
Shigellosis	7 day	1	1	0	0	1								3	13	27
Smallpox	3 hour	0	0	0	0	0								0	0	0

Smallpox Vaccination Complication	24 hour	0	0	0	0	0											0	0	0	
St. Louis Encephalitis	7 day	0	0	0	0	0												0	0	0
Staphylococcus aureus (high level vancomycin resistant)	24 hour	0	0	0	0	0												0	0	0
Staphylococcus aureus (intermediate vancomycin resistant)	24 hour	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
Staphylococcus aureus, methicillin resistant (MRSA), in those <61 days old	24 hour	1	2	0	0	0												3	1	3
Streptococcal infections, Group A invasive disease %	24 hour	2	3	1	3	1												10	5	13
Streptococcus pneumoniae, Invasive Disease, in those < 5 years old **	7 day	0	0	1	0	0												1	0	0
Tetanus	7 day	0	0	0	0	0												0	0	0
Toxic shock syndrome, staphylococcus aureus	7 day	0	0	0	0	0												0	0	1
Trichinosis	7 day	0	0	0	0	0												0	0	0
Tularemia	24 hour	0	0	0	0	0												0	1	1
Tularemia, suspect bioterrorism	3 hour	0	0	0	0	0												0	0	0
Typhoid Fever	24 hour	0	0	0	0	0												0	0	0
Typhus	24 hour	0	0	0	0	0												0	0	0
Unusual case	3 hour	0	0	0	0	0												0	0	0
Vibriosis (Non-cholera)	7 day	0	1	0	0	0												1	0	0
West Nile Virus	7 day	0	0	0	0	0												0	0	4
Western Equine Encephalitis	7 day	0	0	0	0	0												0	0	0
Yersiniosis	7 day	0	0	0	0	0												0	0	1
Zika Virus #	24 hour	0	0	1	0	0												1	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

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	1	5
Non-foodborne Clusters	3	3	2	2	0								10	6	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	46	35	45	35								203	174	453
Non-Reportable	28	24	34	31	31								148	142	336
Transfers	30	30	68	63	64								255	200	517
Education															
Provider	20	24	27	15	25								111	83	239
Public	8	13	10	6	13								50	46	131
Large Group	0	0	0	0	0								0	3/99	3/99
Testing															
Specimen Collection	2	1	0	2	0								5	69	125
Clinical Evaluation	0	0	0	0	0								0	0	0
Treatment services	0	0	0	0	0								0	0	0

KANE COUNTY DEPARTMENT OF HEALTH
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 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	179	179	149	148								803	785	1856
Gonorrhea	33	30	33	40	29								165	133	320
Syphilis (1°,2°,Latent)	1	4	0	2	2								9	6	18
Syphilis (Congenital)	0	0	0	0	0								0	0	1
Syphilis (Other)	1	3	0	2	0								6	9	14
Syphilis TOTAL	2	7	0	4	2	0	0	0	0	0	0	0	15	15	33

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								1011	942	2303
Non-Reportable	13	22	40	18	31								124	108	261
Transfers	12	11	23	12	15								73	25	74
Education															
Provider	2	2	2	5	5								16	8	21
Public	2	3	1	3	1								10	13	31
Large Group	0	0	0	0	0								0	0	0
Testing	0	0	0	0	0								0	0	0
Specimen Collection	0	0	0	0	0								0	0	0
Clinical Evaluation	0	0	0	0	0								0	0	0
Treatment Services	0	0	0	0	0								0	0	0

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 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								6	5	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								6	5	18
Non-Reportable	3	3	2	2	2								12	4	22
Transfers	0	0	0	1	0								1	3	6
Education															
Provider	36	32	30	6	36								140	86	259
Public	50	44	12	79	64								249	107	312
Large Group	0	0	0	0	0								0	5/510	9/732
Testing															
Skin Tests	20	18	2	5	5								50	346	494
Chest X-Rays	5	7	7	3	5								27	61	124
Specimen Collection	51	65	41	48	35								240	290	644
Clinical Evaluation	119	104	138	116	96								573	396	1052
Treatment Services	112	122	156	109	104								603	456	1340

KANE COUNTY DEPARTMENT OF HEALTH
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 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								405	358	1309
Patients seen	31	33	54	14	44								176	163	612
RESIDENCY															
Aurora	22	23	33	13	30								121	78	356
Elgin/C'ville	0	2	4	0	4								10	39	72
Tri-Cities	3	3	9	1	5								21	24	96
Other	6	5	8	0	5								24	22	88
AGE															
0 - 18 Years	31	33	54	14	44								176	134	561
19 - 64 Years	0	0	0	0	0								0	29	51
> 64 Years	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								35	25	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								1	1	3
10 - 19 mcg/dl.	0	1	0	0	1								2	3	15
6 Months - 3 Years															
>=20 mcg/dl	0	0	0	2	0								2	0	4
10 - 19 mcg/dl	4	2	3	1	2								12	15	33
Total	5	3	3	3	3	0	0	0	0	0	0	0	17	19	55

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	47	43	44	43	40							
Southern County	49	33	35	31	29							
Total	96	76	79	74	69	0	0	0	0	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								44	22	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								18	19	57
Repeat Visit	6	7	9	17	7								46	44	97
Total	11	11	12	20	10	0	0	0	0	0	0	0	64	63	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								16	24	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								214	141	435
Letters	85	61	64	132	62								404	413	1010
Visits	12	17	24	28	16								97	142	261
Community Education	1	2	2	1	1								7	91	268
Total	149	119	135	204	115	0	0	0	0	0	0	0	722	787	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								891	949	2320
Tests > 9mcg/dl	1	4	1	1	10								17	14	38
60120															
Tests Done	132	120	108	95	153								608	635	1653
Tests > 9mcg/dl	5	2	0	2	2								11	13	43
All Zip Codes															
Tests Done	681	641	664	583	699								3268	3334	8711
Tests > 9mcg/dl	12	8	2	12	17								51	49	146

* Data Not Available at Time of Printing

