

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	Reporting Time	2017												2016 YTD	2016 YTD	2016 Total
		J	F	M	A	M	J	J	A	S	O	N	D			
Anaplasma phagocytophilum (formerly HGA)	7 day	0	0	0	0	0	0	0						0	1	1
Arbovirus Unspecified	7 day	0	0	0	0	0	0	0						0	0	1
Campylobacteriosis*	24 hour	4	2	5	6	1	6	9						33	17	51
Creutzfeldt-Jakob Disease (CJD)	7 day	0	0	1	0	0	0	0						1	0	0
Cryptosporidiosis	7 day	1	0	0	1	1	0	0						3	1	3
Haemophilus Influenzae Invasive Disease	24 hour	2	0	3	0	0	0	1						6	1	5
Hepatitis A	24 hour	0	0	0	0	1	0	0						1	2	5
Hepatitis B Chronic	7 day	7	4	4	2	5	0	3						25	22	32
Hepatitis C Virus Acute Infection	7 day	0	1	0	0	0	0	0						1	1	1
Hepatitis C Virus Infection Chronic or Resolved	7 day	20	10	16	19	12	8	7						92	64	116
Histoplasmosis	7 day	0	2	0	0	1	1	0						4	4	9
Influenza with ICU Hospitalization	24 hour	0	18	14	4	0	0	0						36	19	20
Legionellosis - Legionnaires Disease	7 day	1	1	0	0	3	3	4						12	6	11
Listeria Invasive Disease	7 day	0	0	0	0	0	0	0						0	1	2
Lyme Disease	7 day	0	0	0	0	0	0	2						2	3	7
Malaria	7 day	0	0	0	0	0	1	0						1	1	1
Meningococcal (Neisseria Meningitidis) Invasive Disease	24 hour	0	0	0	0	0	0	0						0	1	1
MRSA in Infants less than 61 days	24 hour	1	0	1	0	2	1	2						7	3	5
Mumps	24 hour	0	0	4	1	7	6	1						19	3	6
Pertussis	24 hour	1	0	1	1	0	3	1						7	28	41
Rabies, Potential Human Exposure	24 hour	0	0	1	1	1	2	0						5	22	32
Salmonellosis	7 day	1	3	1	4	1	5	7						22	22	42
Shiga toxin-producing E. coli (STEC)- O157:H7	24 hour	0	0	0	0	0	0	0						0	0	1
Shiga toxin-producing E. coli (STEC)- Shiga toxin positive, non-O157 serotype	24 hour	0	1	0	0	0	0	0						1	2	3
Shigellosis	7 day	0	0	0	0	1	0	1						2	5	18
Streptococcal Disease Invasive Group A [%]	24 hour	0	1	0	2	1	2	0						6	11	12
Streptococcal Toxic Shock Syndrome [%]	24 hour	0	0	1	0	2	0	0						3	3	5
Streptococcus Pneumoniae - Non Drug Resistant Invasive Disease (< 5 years)**	7 day	0	1	0	0	1	0	0						2	1	2
Toxic Shock Syndrome due to S. aureus	7 day	0	0	0	1	0	0	0						1	1	1
Varicella (Chickenpox)	24 hour	0	3	2	5	5	0	0						15	27	37
Vibriosis	7 day	0	0	0	0	0	0	0						0	1	1
West Nile Virus Neuroinvasive Disease	7 day	0	0	0	0	0	0	0						0	0	3
West Nile Virus Non-Neuroinvasive Disease	7 day	0	0	0	0	0	0	0						0	0	4
Zika Virus Disease, Non-Congenital ^{ff}	7 day	1	0	0	0	0	0	0						1	4	5

¹ Includes confirmed and probable cases

² Data are provisional and subject to change

* Newly reportable effective January 1, 2016

[%] Includes streptococcal necrotizing fasciitis

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

^{ff} Data collection began January 15, 2016

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
Food/Waterborne	4	2	2	0	1	2	0						11	0	0
Non-foodborne Clusters	1	2	0	0	2	0	0						5	10	19

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 Total
Disease Investigation															
Reportable	39	47	53	46	43	30	38						296	281	483
Non-Reportable	46	43	46	18	32	24	27						236	237	408
Transfers	49	61	65	61	57	55	71						419	366	648
Education															
Provider	38	27	42	29	36	19	16						207	157	298
Public	10	10	10	13	12	15	12						82	83	134
Large Group	0	0	0	0	0	0	0						0	0	1
Testing															
Specimen Collection	2	0	0	0	6	15	2						25	5	29
Clinical Evaluation	0	0	0	0	0	0	0						0	0	0
Treatment services	0	0	0	0	0	0	0						0	0	0

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 B. Sexually Transmitted Disease (STD) and HIV / AIDS

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1a. DISEASE REPORTED^{&}	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
Sexually Transmitted Diseases															
Chlamydia	206	187	150	169	177	168	136						1193	1329	2154
Gonorrhea	45	52	40	30	37	37	44						285	341	515
Syphilis (1°,2°,Latent)	4	3	3	4	2	1	0						17	17	22
Syphilis (Congenital)	0	0	0	0	0	0	0						0	0	0
Syphilis (Other)	1	1	2	1	4	8	3						20	11	17
Syphilis TOTAL	5	4	5	5	6	9	3						37	28	39

[&] Data are provisional and subject to change

1b. DISEASE REPORTED*	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD*	2016 YTD*	2016 TOTAL*
HIV / AIDS															
HIV Infections													***	12	23
AIDS													***	6	11

* 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	2017 YTD	2016 YTD	2016 TOTAL
Disease Investigation															
Reportable	306	291	207	223	241	222	195						1685	2043	3314
Non-Reportable	12	19	19	43	18	21	16						148	174	280
Transfers	5	10	7	8	6	5	2						43	103	144
Education															
Provider	0	5	0	0	0	0	0						5	19	27
Public	0	0	0	0	0	0	0						0	18	23
Large Group	0	0	0	0	1	0	0						1	0	1
Testing	0	0	0	0	0	0	0						0	0	0
Specimen Collection	0	0	0	0	0	0	0						0	0	0
Clinical Evaluation	0	0	0	0	0	0	0						0	0	0
Treatment Services	0	0	0	0	0	0	0						0	0	0

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 C. Tuberculosis

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	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
1. DISEASE REPORTED	5	2	0	1	0								8	8	17

2. TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
Disease Investigation															
Reportable	5	2	0	1	0	3							11	8	17
Non-Reportable	3	1	2	3	3	5							17	20	32
Transfers	0	0	0	0	0	0							0	1	1
Education															
Provider	48	53	52	32	18	33							236	192	290
Public	81	56	60	48	35	64							344	311	460
Large Group	23	0	1	0	0	1							23	2/63	2/63
Testing															
Skin Tests	8		10	20	10	13							61	108	175
Chest X-Rays	9	4	3	1	4	2							23	44	70
Specimen Collection	36	39	40	31	26	43							215	345	568
Clinical Evaluation	108	115	104	93	110	138							668	758	1178
Treatment Services	132	195	189	152	135	159							962	878	1640

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 D. Immunization Services

VACCINES (Excludes Influenza)	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
Shots given	43	50	62	59	70	83							367	441	755
Patients seen	13	18	22	23	27	31							134	197	349
RESIDENCY															
Aurora	4	6	6	7	10	14							47	131	203
Elgin/C'ville	1	1	3	2	1	3							11	14	36
Tri-Cities	2	3	3	4	8	9							29	24	54
Other	6	8	10	10	8	5							47	28	56
AGE															
0 - 18 Years	13	18	22	23	27	31							134	197	349
19 - 64 Years	0	0	0	0	0	0							0	0	1
> 64 Years	0	0	0	0	0	0							0	0	0

Influenza Vaccine Only	J	F	M	A	M	J	J	A	S	O	N	D	2017 YTD	2016 YTD	2016 TOTAL
Shots given	6	5	0	8	0								19	35	56