

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	Reporting												2014 YTD	2015 YTD	2015 TOTAL		
		J	F	M	A	M	J	J	A	S	O	N	D					
Anaplasmosis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Anthrax	3 hour	0	0	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	0	0
Botulism, other	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Brucellosis	7 day	0	0	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	0	0
California Encephalitis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Chickenpox (Varicella)	24 hour	6	2	6	3	6	2	6	0	8	5	5	3	52	50	50	50	50
Chikungunya	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Cholera	24 hour	0	0	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	1	1	1
Cryptosporidiosis	7 day	1	0	0	2	2	0	2	3	0	0	0	0	10	10	10	10	10
Cyclosporiasis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Denque	7 day	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Diphtheria	24 hour	0	0	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	0	0
Ehrlichiosis	7 day	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0
Enteric E.coli infections^	24 hour	0	1	0	1	0	0	1	3	1	1	1	0	9	9	9	9	9
Giardiasis#	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	14	14	14	14
Haemophilus influenzae, invasive	24 hour	0	0	2	0	0	1	0	0	0	1	0	0	4	2	2	2	2
Hantavirus	24 hour	0	0	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	0	0
Hepatitis A, acute	24 hour	2	0	0	0	1	0	0	0	0	0	0	0	3	2	2	2	2
Hepatitis B, acute	7 day	0	0	0	0	0	1	0	0	0	0	0	1	2	4	4	4	4
Hepatitis B, chronic	7 day	3	2	2	1	3	4	3	3	5	1	1	4	32	26	26	26	26
Hepatitis C, acute and chronic	7 day	10	9	9	9	15	8	16	16	10	9	4	11	126	110	110	110	110
Hepatitis D, acute	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Histoplasmosis	7 day	0	0	0	0	1	0	0	1	0	0	0	0	2	3	3	3	3
Influenza Death (< 18 years)	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Influenza, ICU admission	3 hour	12	0	0	1	1	0	0	0	0	0	3	27	44	20	20	20	20
Influenza, Novel Influenza A	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Legionellosis	7 day	1	0	0	0	0	1	0	1	4	1	1	0	9	8	8	8	8
Leprosy	7 day	0	0	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	0	0
Listeriosis	7 day	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0
Lyme disease	7 day	1	0	0	0	0	0	1	1	0	0	0	0	3	18	18	18	18
Malaria	7 day	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1
Measles	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mumps	24 hour	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
Neisseria meningitidis, invasive	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1
Pertussis	24 hour	6	1	1	0	0	0	0	1	0	2	4	1	16	21	21	21	21
Plague	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Poliomyelitis	24 hour	0	0	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	0	0
Q-fever	7 day	0	0	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	0	0
Rabies, Human	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Rabies, Potential Human Exposure	24 hour	1	1	1	1	1	1	9	4	12	1	1	7	40	32	32	32	32
Reye Syndrome	7 day	0	0	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	1	0	0	0	0	0	1	0	0	0	0
Rubella	24 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salmonellosis	7 day	6	6	7	8	3	7	8	14	8	11	4	8	90	98	98	98	98
Severe Acute Respiratory Syndrome (SARS)*	3 hour	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Shigellosis	7 day	1	3	2	5	18	7	3	7	3	1	0	1	51	16	16	16	16
Smallpox	3 hour	0	0	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	0	0	0	1	0	0	0	1	0	0	0	0	2	2	2
Streptococcal infections, Group A invasive disease %	24 hour	3	1	2	1	2	2	1	3	0	0	0	1	16	12	12
Streptococcus pneumoniae, Invasive Disease, in those < 5 years old **	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2
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	0	0	0	0	0	0	0	0	0
Trichinosis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
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	1	0	0	0	0	0	1	2	0	4	0	0
Vibriosis (Non-cholera)	7 day	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
West Nile Virus	7 day	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0
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	0	0

* 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 March 3, 2008

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

no longer reportable as of February 11, 2014

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD	2013 YTD	2013 TOTAL
Food/Waterborne	0	0	0	1	2	0	0	0	0	0	0	0	3	0	0
Non-foodborne Clusters	2	2	5	0	4	1	0	0	0	0	0	6	20	14	14

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD	2013 YTD	2013 TOTAL
Disease Investigation															
Reportable	53	26	32	34	53	35	51	61	53	34	28	64	524	454	454
Non-Reportable	28	34	39	40	29	48	32	36	22	26	17	34	385	387	387
Transfers	22	13	22	20	29	23	45	33	37	31	41	48	364	348	348
Education															
Provider	9	12	6	10	14	10	9	10	16	30	18	26	170	113	113
Public	4	2	8	6	5	6	8	10	11	18	5	7	90	103	103
Large Group	2/62	0	1/60	2/52	0	0	0	0	0	0	0	0	4/114	4/122	4/122
Testing	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Specimen Collection	5	2	11	6	2	3	6	2	2	4	1	4	48	57	57
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	5	5

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	2014 YTD [^]	2013 YTD	2013 TOTAL
Sexually Transmitted Diseases															
Chlamydia	177	139	162	136	146	135	154	162	171	158	129	175	1844	1239	1239
Gonorrhea	30	19	23	19	26	19	15	18	17	19	23	23	251	138	138
Syphilis (1°,2°,Latent)	0	1	0	2	1	1	3	2	1	0	0	1	12	6	6
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syphilis (Other)	0	1	0	1	2	0	0	1	2	0	2	1	10	7	7
Syphilis TOTAL	0	2	0	3	3	1	3	3	3	0	2	2	22	13	13

[^] Data source for stats was changed in 2014

1b. DISEASE REPORTED *	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD*	2013 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	2014 YTD [^]	2013 YTD	2013 TOTAL
Disease Investigation															
Reportable	244	201	238	187	209	195	225	205	202	228	195	219	2548	1802	1802
Non-Reportable	34	26	28	8	12	26	24	23	11	35	11	12	250	370	370
Transfers	6	6	12	2	3	7	9	6	9	3	3	3	69	117	117
Education															
Provider	2	3	3	3	2	0	9	14	4	3	5	4	52	30	30
Public	5	6	5	5	0	0	7	11	2	2	2	3	48	61	61
Large Group	0	0	0	0	1/10	0	0	0	0	0	0	0	1/10	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	2014 YTD	2013 YTD	2013 TOTAL
1. DISEASE REPORTED	1	0	2	2	0	0	3	2	1	0	0	1	12	17	17

2. TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD	2013 YTD	2013 TOTAL
Disease Investigation															
Reportable	1	0	2	2	0	0	3	2	1	0	0	1	12	17	17
Non-Reportable	1	0	3	1	2	4	1	0	1	1	2	4	20	18	18
Transfers	0	0	0	1	1	1	0	1	0	0	0	0	4	1	1
Education															
Provider	14	13	12	13	17	12	28	10	11	17	20	22	189	237	237
Public	30	14	36	21	23	21	23	14	14	14	25	24	259	290	290
Large Group	0	0	1/60	0	0	0	0	0	1/9	0	1/15	0	3/84	8/64	8/64
Testing															
Skin Tests	34	10	37	17	23	129	67	33	41	20	20	17	448	288	288
Chest X-Rays	34	21	29	25	24	59	32	19	24	14	12	15	308	275	275
Specimen Collection	80	62	88	92	111	203	103	75	76	70	44	85	1089	956	956
Clinical Evaluation	85	85	112	123	98	97	133	91	62	41	48	28	1003	877	877
Treatment Services	144	120	134	138	129	111	115	212	131	126	87	106	1553	1640	1640

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	2014 YTD	2013 YTD	2013 TOTAL
Shots given	59	66	51	51	47	63	101	218	67	65	59	44	891	846	846
Patients seen	24	25	24	22	21	24	47	114	35	37	24	19	416	371	371
RESIDENCY															
Aurora	13	9	5	13	15	12	30	53	25	14	8	12	209	131	131
Elgin/C'ville	2	0	4	0	0	0	1	9	1	3	1	0	21	47	47
Tri-Cities	5	7	10	5	5	7	13	37	5	8	6	4	112	115	115
Other	4	9	5	4	1	3	3	15	4	12	9	3	72	51	51
AGE															
0 - 18 Years	24	22	24	22	21	21	47	114	35	37	24	19	410	370	370
19 - 64 Years	0	3	0	0	0	1	0	0	0	0	0	0	4	1	1
> 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	2014 YTD	2013 YTD	2013 TOTAL
Shots given	151	11	5	2	1	0	0	0	38	74	594	38	914	895	895

**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	2014 YTD	2013 YTD	2013 Total
3 years to 6 Years															
>= 20 mcg/dl	0	0	0	0	0	0	0	1	0	0	0	0	1	3	3
10 - 19 mcg/dl.	0	0	1	1	0	3	1	2	0	4	2	1	15	24	24
6 Months - 3 Years															
>=20 mcg/dl	2	1	0	0	0	0	0	1	0	1	0	0	5	3	3
10 - 19 mcg/dl	1	4	5	5	3	4	3	6	4	3	0	2	40	38	38
Total	3	5	6	6	3	7	4	10	4	8	2	3	61	68	68

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	49	48	48	54	51	48	48	47	47	49	48	50
Southern County	65	66	65	68	69	67	68	70	68	44	50	48
Total	114	114	113	122	120	115	116	117	115	93	98	98

	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD	2013 YTD	2013 Total
Case Closures	7	4	6	1	7	12	4	8	7	18	7	4	85	58	58

NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD	2013 YTD	2013 Total
Initial Visit	3	6	4	8	8	6	2	2	7	5	3	3	57	56	56
Repeat Visit	3	4	10	18	14	13	9	2	13	5	5	1	97	69	69
Total	6	10	14	26	22	19	11	4	20	10	8	4	154	125	125

	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD	2013 YTD	2013 Total
NURSE HOME VISITS ATTEMPTED NOT COMPLETED	1	8	0	8	10	4	10	1	10	6	1	3	62	NA	NA

* this is a new measure for 2014

EDUCATIONAL INTERVENTIONS	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD	2013 YTD	2013 Total
Calls	24	14	9	19	37	25	28	109	38	74	8	50	435	255	255
Letters	147	49	69	56	153	83	37	107	90	94	27	98	1010	732	732
Visits	10	13	19	33	31	27	42	9	20	22	7	28	261	241	241
Community Education	1	2	105	106	2	2	2	2	38	5	2	1	268	318	318
Total	182	78	202	214	223	137	109	227	186	195	44	177	1974	1546	1546

Kane County Health Department Childhood Lead Prevention Program Lead Testing Summary

	J	F	M	A	M	J	J	A	S	O	N	D	2014 YTD	2013 YTD	2013 Total
High Risk Zip Codes															
60505															
Tests Done	188	147	271	226	314	191	247	380	213	160	131	124	2592	2564	2564
Tests > 9mcg/dl	5	1	1	3	6	3	5	11	6	7	0	1	49	49	49
60120															
Tests Done	122	95	181	164	186	105	152	262	170	132	155	135	1859	1783	1783
Tests > 9mcg/dl	2	4	5	4	5	8	4	7	6	5	11	5	66	77	77
All Zip Codes															
Tests Done	756	535	911	775	1040	612	872	1400	849	604	617	553	9524	9336	9336
Tests > 9mcg/dl	16	9	8	14	17	17	21	23	22	16	15	11	189	258	258

* Data Not Available at Time of Printing

