

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	2013												2013 YTD	2014 YTD	2014 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	24 hour	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	4	1	4	1	2	3	0	0	2	2	4					23	49	52
Chikungunya	7 day	2	0	0	0	0	0	0	0	0	1	0					3	0	0
Cholera	24 hour	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
Cryptosporidiosis	7 day	0	0	0	0	0	0	0	1	0	0	1					2	10	10
Cyclosporiasis	7 day	0	0	0	0	1	0	0	0	1	0	0					2	0	0
Denque	7 day	0	0	0	0	0	0	0	0	0	0	0					0	1	1
Diphtheria	3 hour	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
Ehrlichiosis	7 day	0	0	0	0	0	0	0	0	0	0	0					0	1	1
Enteric E.coli infections^	24 hour	0	0	0	0	5	1	1	0	0	0	0					7	9	9
Haemophilus influenzae, invasive	24 hour	0	0	0	0	0	3	0	1	0	0	1					5	4	4
Hantavirus	24 hour	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
Hepatitis A, acute	24 hour	0	0	0	0	0	0	0	1	0	0	2					3	3	3
Hepatitis B, acute	7 day	2	0	0	0	0	0	0	0	0	0	0					2	1	2
Hepatitis B, chronic	7 day	1	2	3	4	5	4	4	1	0	4	3					31	28	32
Hepatitis C, acute and chronic	7 day	12	13	11	10	8	19	14	9	11	12	8					127	115	126
Hepatitis D, acute	7 day	0	0	0	0	0	0	0	0	0	0	0					0	0	0
Histoplasmosis	7 day	0	1	0	0	0	0	0	0	0	0	1					2	2	2
Influenza Death (< 18 years)	7 day	0	0	0	0	0	0	0	0	0	0	0					0	0	0
Influenza, ICU admission	24 hour	6	2	4	5	1	0	1	0	0	0	1					20	17	44
Influenza, Novel Influenza A	3 hour	0	0	0	0	0	0	0	0	0	0	0					0	0	0
Legionellosis	7 day	0	0	0	0	0	0	2	0	2	1	1					6	9	9
Leprosy	7 day	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
Listeriosis	7 day	0	0	0	0	0	0	0	0	0	0	0					0	2	2
Lyme disease	7 day	0	0	0	0	0	4	0	1	1	1	0					7	3	3
Malaria	7 day	0	0	0	1	0	0	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
Mumps	24 hour	2	0	0	0	0	1	1	0	0	0	0					4	1	1
Neisseria meningitidis, invasive	24 hour	0	0	0	0	0	0	0	0	0	0	0					0	0	0
Pertussis	24 hour	2	0	0	1	0	0	1	1	2	0	2					9	15	16
Plague	3 hour	0	0	0	0	0	0	0	0	0	0	0					0	0	0
Poliovmyelitis	3 hour	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
Q-fever	24 hour	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
Rabies, Human	24 hour	0	0	0	0	0	0	0	0	0	0	0					0	0	0
Rabies, Potential Human Exposure	24 hour	1	1	3	0	2	9	3	4	8	0	0					31	33	40
Reye Syndrome	7 day	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	1	1
Rubella	24 hour	0	0	0	0	0	0	0	0	0	0	0					0	0	0
Salmonellosis	7 day	1	4	4	13	9	6	4	13	15	18	9					96	82	90
Severe Acute Respiratory Syndrome (SARS)*	3 hour	0	0	0	0	0	0	0	0	0	0	0					0	0	0
Shigellosis	7 day	1	4	4	2	2	1	2	1	1	3	1					22	50	51
Smallpox	3 hour	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

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	1	0	0	1	0	0	1	0	0	0	3	2	2
Streptococcal infections, Group A invasive disease %	24 hour	2	1	0	1	1	2	0	0	0	0	5	12	15	16	
Streptococcus pneumoniae, Invasive Disease, in those < 5 years old **	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	1	0	0	1	0	0	0
Trichinosis	7 day	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Tularemia	24 hour	0	1	0	0	0	0	0	0	0	0	0	1	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	0	0	0	0	0	0	0	0	0	4	4	4
Vibriosis (Non-cholera)	7 day	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1
West Nile Virus	7 day	0	0	0	0	0	0	0	0	4	0	0	4	2	2	2
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	1	0	0	1	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

2. Communicable Disease Outbreaks/Clusters	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD	2014 YTD	2014 TOTAL
Food/Waterborne	1	0	0	0	0	1	2	0	0	1	0		5	3	3
Non-foodborne Clusters	2	1	0	3	0	0	0	1	3	0	0		10	14	20

3. General Communicable Disease WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD	2014 YTD	2014 TOTAL
Disease Investigation															
Reportable	36	30	34	38	36	54	33	33	50	42	39		425	460	524
Non-Reportable	33	42	31	22	14	25	33	28	35	27	20		310	351	385
Transfers	27	55	41	40	37	39	64	44	49	38	43		477	316	364
Education															
Provider	10	22	19	18	14	26	17	21	33	22	22		224	144	170
Public	8	15	3	8	12	12	23	12	9	4	17		123	83	90
Large Group	1/40	0	0	2/59	0	0	0	0	0	0	0		3/99	5/174	5/174
Testing															
Specimen Collection	52	14	0	3	0	5	2	4	0	41	4		125	44	48
Clinical Evaluation															
Clinical Evaluation	0	0	0	0	0	0	0	0	0	0	0		0	0	0
Treatment services															
Treatment services	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	2015 YTD	2014 YTD	2014 TOTAL
Sexually Transmitted Diseases															
Chlamydia	165	148	159	153	158	155	155	177	160	181	118		1729	1669	1844
Gonorrhea	33	27	25	25	23	23	30	26	27	33	18		290	228	251
Syphilis (1°,2°,Latent)	1	1	1	1	2	0	0	5	1	1	1		14	11	12
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0	0		0	0	0
Syphilis (Other)	3	0	1	3	1	2	1	0	1	1	0		13	9	10
Syphilis TOTAL	4	1	2	4	3	2	1	5	2	2	1	0	27	20	22

1b. DISEASE REPORTED *	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD*	2014 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	2015 YTD^	2014 YTD	2014 TOTAL
Disease Investigation															
Reportable	182	213	201	178	168	214	204	170	212	188	182		2112	2329	2357
Non-Reportable	17	12	29	28	22	22	26	15	22	19	17		229	238	250
Transfers	8	3	3	8	3	8	3	9	10	2	7		64	66	69
Education															
Provider	2	2	2	1	1	2	1	2	2	2	2		19	48	52
Public	3	2	3	2	3	3	4	3	3	2	1		29	45	48
Large Group	0	0	0	0	0	0	0	0	0	0	0		0	1/10	1/10
Testing	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
Clinical Evaluation	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

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	2015 YTD	2014 YTD	2014 TOTAL
1. DISEASE REPORTED	1	3	0	1	0	0	2	0	2	4	3		16	11	12

2. TUBERCULOSIS WORK UNIT	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD	2014 YTD	2014 TOTAL
Disease Investigation															
Reportable	1	3	0	1	0	0	2	0	2	4	3		16	11	12
Non-Reportable	0	0	1	1	2	2	4	6	0	1	1		18	16	20
Transfers	0	1	1	1	0	1	0	0	0	0	2		6	4	4
Education															
Provider	16	16	13	22	19	40	23	23	24	21	21		238	167	189
Public	20	23	20	27	17	21	33	41	27	27	26		282	235	259
Large Group	0	0	0	1/10	4/500	2/200	0	1/14	0	1/8	0		9/732	3/84	3/84
Testing															
Skin Tests	10	9	20	11	296	35	33	26	17	12	16		485	431	448
Chest X-Rays	15	12	14	14	6	9	14	3	11	11	6		115	293	308
Specimen Collection	68	48	60	60	54	63	54	56	43	52	47		605	1004	1089
Clinical Evaluation	64	63	94	89	86	139	122	89	65	85	103		999	975	1003
Treatment Services	140	103	97	71	45	63	104	133	165	150	140		1211	1447	1553

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	2015 YTD	2014 YTD	2014 TOTAL
Shots given	61	94	60	54	89	114	152	264	121	110	106		1225	847	891
Patients seen	27	57	22	24	33	49	71	149	51	56	37		576	397	416
RESIDENCY															
Aurora	16	15	7	14	26	32	46	72	33	42	25		328	197	209
Elgin/C'ville	1	29	4	3	2	5	3	14	4	3	4		72	21	21
Tri-Cities	5	6	8	4	1	7	10	37	7	6	1		92	109	113
Other	5	7	3	3	4	5	12	26	7	5	7		84	70	73
AGE															
0 - 18 Years	27	28	22	24	33	49	70	128	51	56	37		525	393	412
19 - 64 Years	0	29	0	0	0	0	1	21	0	0	0		51	4	4
> 64 Years	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	2015 YTD	2014 YTD	2014 TOTAL
Shots given	19	6	0	0	0	0	0	0	19	589	52		685	876	914

**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	2015 YTD	2014 YTD	2014 Total
3 years to 6 Years															
>= 20 mcg/dl	0	0	0	1	0	0	1	0	0	0	0		2	1	1
10 - 19 mcg/dl.	1	1	0	0	1	1	2	3	3	0	1		13	14	15
6 Months - 3 Years															
>=20 mcg/dl	0	0	0	0	0	1	0	0	1	1	0		3	5	5
10 - 19 mcg/dl	3	3	6	1	2	3	0	3	3	4	2		30	38	40
Total	4	4	6	2	3	5	3	6	7	5	3	0	48	58	61

Open Case Load	J	F	M	A	M	J	J	A	S	O	N	D
Northern County	50	47	48	44	44	48	46	47	43	44	45	
Southern County	44	45	48	46	53	48	47	44	50	53	53	
Total	94	92	96	90	97	96	93	91	93	97	98	0

	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD	2014 YTD	2014 Total
Case Closures	6	5	1	8	2	3	5	9	6	1	3		49	81	85

NURSE HOME VISITS	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD	2014 YTD	2014 Total
Initial Visit	5	3	4	5	2	4	3	5	5	5	5		46	54	57
Repeat Visit	4	4	18	8	10	18	5	9	15	7	10		108	96	97
Total	9	7	22	13	12	22	8	14	20	12	15	0	154	150	154

	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD	2014 YTD	2014 Total
NURSE HOME VISITS ATTEMPTED NOT COMPLETED	1	5	5	9	4	7	2	11	6	1	6		57	59	62

EDUCATIONAL INTERVENTIONS	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD	2014 YTD	2014 Total
Calls	54	8	29	25	25	51	44	59	86	64	24		469	385	435
Letters	80	114	80	82	57	129	47	135	90	42	78		934	912	1010
Visits	23	12	47	28	32	37	19	30	24	18	25		295	233	261
Community Education	1	1	2	86	1	1	2	215	52	50	1		412	267	268
Total	158	135	158	221	115	218	112	439	252	174	128	0	2110	1797	1974

Kane County Health Department Childhood Lead Prevention Program Lead Testing Summary

	J	F	M	A	M	J	J	A	S	O	N	D	2015 YTD	2014 YTD	2014 Total
High Risk Zip Codes															
60505															
Tests Done	91	119	219	298	222	192	263	347	154	165	133		2203	2468	2592
Tests > 9mcg/dl	1	1	4	3	5	2	5	5	3	3	4		36	48	49
60120															
Tests Done	48	105	170	161	151	129	200	215	109	121	127		1536	1724	1859
Tests > 9mcg/dl	1	2	3	4	3	1	7	5	1	9	3		39	61	66
All Zip Codes															
Tests Done	316	480	801	926	811	734	1030	1,281	598	619	580		8176	8971	9524
Tests > 9mcg/dl	3	7	10	13	16	10	20	15	8	17	13		132	178	189

* Data Not Available at Time of Printing

