

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						19	44	52
Chikungunya	7 day	2	0	0	0	0	0	0	0	0	1						3	0	0
Cholera	24 hour	0	0	0	0	0	0	0	0	0	0						0	0	0
Creutzfeldt-Jakob Disease*	7 day	0	0	1	0	0	0	0	0	0	0						1	0	0
Cryptosporidiosis	7 day	0	0	0	0	0	0	0	1	0	0						1	10	10
Cyclosporiasis	7 day	0	0	0	0	1	0	0	0	1	0						2	0	0
Denque	7 day	0	0	0	0	0	0	0	0	0	0						0	0	1
Diphtheria	3 hour	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
Ehrlichiosis	7 day	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	1						8	8	9
Haemophilus influenzae, invasive	24 hour	0	0	0	0	0	3	0	1	0	0						4	4	4
Hantavirus	24 hour	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
Hepatitis A, acute	24 hour	0	0	0	0	0	0	0	1	0	0						1	3	3
Hepatitis B, acute	7 day	2	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	0						24	27	32
Hepatitis C, acute and chronic	7 day	12	12	11	10	8	18	14	9	11	11						116	111	126
Hepatitis D, acute	7 day	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
Influenza Death (< 18 years)	7 day	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						19	14	44
Influenza, Novel Influenza A	3 hour	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						5	8	9
Leprosy	7 day	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
Listeriosis	7 day	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						7	3	3
Malaria	7 day	0	0	0	1	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
Mumps	24 hour	2	0	0	0	0	1	1	0	0	1						5	0	1
Neisseria meningitidis, invasive	24 hour	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						7	11	16
Plague	3 hour	0	0	0	0	0	0	0	0	0	0						0	0	0
Poliovirus	3 hour	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
Q-fever	24 hour	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
Rabies, Human	24 hour	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						31	32	40
Reye Syndrome	7 day	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	1	1
Rubella	24 hour	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	16						85	78	90
Severe Acute Respiratory Syndrome (SARS)*	3 hour	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						21	50	51
Smallpox	3 hour	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

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				3	2	2
Streptococcal infections, Group A invasive disease %	24 hour	2	1	0	1	1	2	0	0	0	0				7	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
Tetanus	7 day	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				1	0	0
Trichinosis	7 day	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				1	0	0
Tularemia, suspect bioterrorism	3 hour	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
Typhus	24 hour	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	2	4
Vibriosis (Non-cholera)	7 day	0	0	0	0	0	0	0	0	0	0				0	1	1
West Nile Virus	7 day	0	0	0	0	0	0	0	0	4	0				4	2	2
Western Equine Encephalitis	7 day	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				1	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			5	3	3
Non-foodborne Clusters	2	1	0	3	0	0	0	1	2	0			9	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	29	35	38	36	53	33	33	50	37			380	432	524
Non-Reportable	33	42	30	22	14	25	33	28	35	28			290	334	385
Transfers	27	55	41	40	37	39	64	44	50	38			435	275	364
Education															
Provider	10	22	19	18	14	26	17	21	33	22			202	126	170
Public	8	15	3	8	12	12	23	12	9	4			106	75	90
Large Group	1/40	0	0	2/59	0	0	0	0	0	0			3/99	5/174	5/174
Testing	0	0	0	0	0	0	0	0	0	0			0	0	0
Specimen Collection	52	14	0	3	0	5	2	4	0	41			121	43	48
Clinical Evaluation	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

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	164	148	159	153	157	154	155	178	163	135			1566	1540	1844
Gonorrhea	33	27	25	25	23	23	30	27	31	28			272	205	251
Syphilis (1°,2°,Latent)	1	1	1	1	2	0	0	5	0	0			11	11	12
Syphilis (Congenital)	0	0	0	0	0	0	0	0	0	0			0	0	0
Syphilis (Other)	3	0	1	3	1	2	1	0	1	0			12	7	10
Syphilis TOTAL	4	1	2	4	3	2	1	5	1	0	0	0	23	18	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			1930	2134	2357
Non-Reportable	17	12	29	28	22	22	26	15	22	19			212	227	250
Transfers	8	3	3	8	3	8	3	9	10	2			57	63	69
Education															
Provider	2	2	2	1	1	2	1	2	2	2			17	43	52
Public	3	2	3	2	3	3	4	3	3	2			28	43	48
Large Group	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
Specimen Collection	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
Treatment Services	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			13	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			13	11	12
Non-Reportable	0	0	1	1	2	2	4	6	0	1			17	14	20
Transfers	0	1	1	1	0	1	0	0	0	0			4	4	4
Education															
Provider	16	16	13	22	19	40	23	23	24	21			217	147	189
Public	20	23	20	27	17	21	33	41	27	27			256	210	259
Large Group	0	0	0	1/10	4/500	2/200	0	1/14	0	1/8			9/732	2/69	3/84
Testing															
Skin Tests	10	9	20	11	296	35	33	26	17	12			469	411	448
Chest X-Rays	15	12	14	14	6	9	14	3	11	11			109	281	308
Specimen Collection	68	48	60	60	54	63	54	56	43	52			558	960	1089
Clinical Evaluation	64	63	94	89	86	139	122	89	65	85			896	927	1003
Treatment Services	140	103	97	71	45	63	104	133	165	150			1071	1360	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			1119	788	891
Patients seen	27	57	22	24	33	49	71	149	51	56			539	373	416
RESIDENCY															
Aurora	16	15	7	14	26	32	46	72	33	42			303	189	209
Elgin/C'ville	1	29	4	3	2	5	3	14	4	3			68	20	21
Tri-Cities	5	6	8	4	1	7	10	37	7	6			91	103	113
Other	5	7	3	3	4	5	12	26	7	5			77	61	73
AGE															
0 - 18 Years	27	28	22	24	33	49	70	128	51	56			488	369	412
19 - 64 Years	0	29	0	0	0	0	1	21	0	0			51	4	4
> 64 Years	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			633	282	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			2	1	1
10 - 19 mcg/dl	1	1	0	0	1	1	2	3	3	0			12	12	15
6 Months - 3 Years															
>=20 mcg/dl	0	0	0	0	0	1	0	0	1	1			3	5	5
10 - 19 mcg/dl	3	3	6	1	2	3	0	3	3	4			28	38	40
Total	4	4	6	2	3	5	3	6	7	5	0	0	45	56	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		
Southern County	44	45	48	46	53	48	47	44	50	53		
Total	94	92	96	90	97	96	93	91	93	97	0	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			46	74	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			41	51	57
Repeat Visit	4	4	18	8	10	18	5	9	15	7			98	91	97
Total	9	7	22	13	12	22	8	14	20	12	0	0	139	142	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			51	58	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			445	377	435
Letters	80	114	80	82	57	129	47	135	90	42			856	885	1010
Visits	23	12	47	28	32	37	19	30	24	18			270	226	261
Community Education	1	1	2	86	1	1	2	215	52	50			411	265	268
Total	158	135	158	221	115	218	112	439	252	174	0	0	1982	1753	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			2070	2337	2592
Tests > 9mcg/dl	1	1	4	3	5	2	5	5	3	3			32	48	49
60120															
Tests Done	48	105	170	161	151	129	200	215	109	121			1409	1569	1859
Tests > 9mcg/dl	1	2	3	4	3	1	7	5	1	9			36	60	66
All Zip Codes															
Tests Done	316	480	801	926	811	734	1030	1,281	598	619			7596	8354	9524
Tests > 9mcg/dl	3	7	10	13	16	10	20	15	8	17			119	163	189

* Data Not Available at Time of Printing

