



The McHenry County Department of Health (MCDH) Communicable Disease program collects monthly report data on all Illinois Reportable Diseases as defined by the Illinois Department of Public Health (IDPH). This report summarizes the incident cases of all IDPH notifiable conditions during 2013. The frequency of incident cases are reported for each month. Incident cases include both probable and confirmed cases.

The 2013 total (2013 Annual Total) for each condition is calculated as the sum of the frequency of incident cases for all months. The 2013 annual rate for each condition (2013 Annual Rate) is reported as the annual rate of disease per 100,000 population (the 2010 McHenry County census estimate of 308,760 people was used in all calculations).

Reportable conditions are separated by disease category (arboviral infections, gastrointestinal illness, sexually transmitted diseases, tick borne diseases, vaccine preventable diseases, and other diseases). The sum of the 2013 totals for each condition are reported for each category and was used to calculate the annual rate of disease per 100,000 population for each disease category.



### Notifiable Conditions Report 2013

<b>Table 1. Arboviral Infections</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013 Annual Total	2013 Annual Rate
California Encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Chikungunya Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Dengue Fever	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
St. Louis Encephalitis	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
West Nile: Neuroinvasive	0	0	0	0	0	0	0	1	0	0	0	0	1	0.3
West Nile: Non-neuroinvasive	0	0	0	0	0	0	0	1	0	0	0	0	1	0.3
<b>Total</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0.6</b>						

<b>Table 2. Gastrointestinal Illness</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013 Annual Total	2013 Annual Rate
Cholera*	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Escherichia coli Infections	0	0	0	0	0	2	1	0	1	0	0	0	4	1.3
Giardiasis	1	0	1	1	1	0	0	0	0	0	0	1	5	1.6
Salmonellosis	3	0	2	7	9	3	2	2	2	3	2	2	37	12.0
Shigellosis	0	0	0	0	3	1	0	0	0	0	0	0	4	1.3
Vibriosis**	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
<b>Total</b>	<b>4</b>	<b>0</b>	<b>3</b>	<b>8</b>	<b>13</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>50</b>	<b>16.2</b>

\*Toxigenic vibrio cholerae O1 or O139

\*\*Other than Toxigenic Vibrio Cholera O1 or O139



## Notifiable Conditions Report 2013

<b>Table 3. Sexually Transmitted Diseases</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013 Annual Total	2013 Annual Rate
Chancroid	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Chlamydia	61	49	30	52	62	41	44	55	47	48	47	54	590	191.1
Gonorrhea	6	2	1	2	3	3	0	9	3	1	2	0	32	10.4
Syphilis	1	1	1	0	0	0	0	0	0	1	0	1	5	1.6
<b>Total</b>	<b>68</b>	<b>52</b>	<b>32</b>	<b>55</b>	<b>65</b>	<b>44</b>	<b>44</b>	<b>64</b>	<b>50</b>	<b>50</b>	<b>49</b>	<b>55</b>	<b>628</b>	<b>203.4</b>

\*AIDS/HIV Infection is also a reportable condition and included in the calculation of monthly and annual totals

<b>Table 4. Tick Borne Diseases</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013 Annual Total	2013 Annual Rate
Anaplasmosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Babesiosis	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Ehrlichiosis	0	0	0	0	0	0	0	1	0	0	0	0	1	0.3
Lyme Disease	0	0	0	1	3	14	7	4	2	3	2	0	36	11.7
Rocky Mountain Spotted Fever	0	0	0	0	0	0	0	0	1	0	0	0	1	0.3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>14</b>	<b>7</b>	<b>5</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>0</b>	<b>38</b>	<b>12.3</b>



<b>Table 5. Vaccine Preventable Diseases</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013 Annual Total	2013 Annual Rate
Chickenpox	2	3	4	2	4	0	3	0	5	4	6	5	38	12.3
Diphtheria	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Haemophilus influenzae*	0	0	0	1	0	2	0	0	0	0	0	0	3	1.0
Hepatitis A	0	0	1	0	0	0	0	0	0	0	0	0	1	0.3
Hepatitis B	0	1	1	0	2	2	0	2	0	1	1	3	13	4.2
Influenza A, variant virus	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Influenza with ICU admission	8	0	1	0	0	0	0	0	0	0	0	1	10	3.2
Influenza, death in ≤ 18 year olds	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Measles	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Mumps	0	0	0	0	0	0	1	0	0	0	0	0	1	0.3
Neisseria meningitidis**	0	1	0	0	0	0	0	0	0	0	0	0	1	0.3
Pertussis	8	2	9	13	1	1	2	3	1	4	6	3	53	17.2
Rubella	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Smallpox	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
Tetanus	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
<b>Total</b>	<b>18</b>	<b>7</b>	<b>16</b>	<b>16</b>	<b>7</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>6</b>	<b>9</b>	<b>13</b>	<b>12</b>	<b>120</b>	<b>38.9</b>

\*Haemophilus influenzae, meningitis, & other invasive disease

\*\*Neisseria meningitidis, meningitis and invasive disease



<b>Table 6. Other Diseases*</b>	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	2013 Annual Total	2013 Annual Rate
Cryptosporidiosis	0	0	0	0	0	0	2	1	1	1	1	0	6	1.9
Cyclosporiasis	0	0	0	0	0	0	2	0	0	0	0	0	2	0.6
Hepatitis C	2	6	4	8	1	3	9	1	9	4	5	3	55	17.8
Histoplasmosis	0	0	1	0	0	0	0	0	0	0	0	0	1	0.3
Legionellosis	0	1	0	0	1	0	1	0	0	0	1	1	5	1.6
MRSA in infants under 61 days	0	0	0	1	0	0	0	0	0	0	0	0	1	0.3
Rabies, Human (Potential Exposure)	0	0	0	0	2	1	0	8	0	1	0	0	12	3.9
Streptococcal Infections, Group A, Invasive Disease	0	0	1	1	1	0	0	0	0	1	1	0	5	1.6
Streptococcus Pneumoniae, Invasive Disease**	0	1	0	0	1	0	0	0	0	0	0	0	2	0.6
Tuberculosis	0	0	0	0	0	0	0	1	0	0	0	0	1	0.3
<b>Total</b>	<b>2</b>	<b>8</b>	<b>6</b>	<b>10</b>	<b>6</b>	<b>4</b>	<b>14</b>	<b>11</b>	<b>10</b>	<b>7</b>	<b>8</b>	<b>4</b>	<b>90</b>	<b>29.1</b>

\*The following reportable conditions have had no reportable cases in 2013 and are not included in the above table: Anthrax; Botulism: foodborne; Botulism: infant, wound, other; Brecellosis; Creutzfeldt-Jakob Disease; Free living amebae infections; Hantavirus Pulmonary Syndrome; Hemolytic Uremic Syndrome, Post-diarrheal; Hepatitis D; Leprosy; Listeriosis; Malaria; MRSA community cluster; Plague; Plague; Poliomyelitis; Psittacosis (due to Chlamydia Psittaci); Q Fever; Rabies, Human; Reye Syndrome; SARS; Toxic Shock Syndrome (due to staph aureus); Trichinosis; Tularemia; Typhoid Fever; Typhus; VISA/VRSA; Viral Hemorrhagic Fevers

\*\*In children less than 5 years