



UG Public Health Department REPORTABLE DISEASE INFORMATION



Diseases reported in Wyandotte County including confirmed, probable and suspected case status.
January 1, 2014 through July 31, 2014

Population 2010: Wyandotte County 157,505 Kansas 2,853,118

Wyandotte County 2014	Month reported to public health								Year to Date	Year 2013	Year 2012
	2014										
	January	February	March	April	May	June	July				
Disease	Case Counts										
Anaplasma phagocytophilum (f. HGE)	-	-	-	-	1	-	-	1	0	0	
Campylobacteriosis	2	-	3	-	3	3	1	12	24	19	
Cryptosporidiosis	1	1	-	-	-	-	-	2	7	4	
Ehrlichiosis, Ehrlichia chaffeensis (f. HME)	-	-	-	-	1	-	2	3	5	2	
Giardiasis	1	-	-	-	-	-	-	1	2	5	
Haemophilus influenzae, invasive disease								0	8	4	
Hepatitis A								0	2	5	
Hepatitis B Pregnancy Event	-	-	1	-	-	-	-	1	3	4	
Hepatitis B virus infection, chronic	5	4	7	1	6	2	4	29	30	55	
Hepatitis B, acute	-	-	-	-	1	-	-	1	2	2	
Hepatitis C virus, past or present	12	9	6	9	10	13	9	68	131	147	
Hepatitis C, acute	-	-	-	1	1	-	-	2	1	2	
Legionellosis	-	1	-	-	-	-	-	1	4	2	
Listeriosis	-	1	-	-	-	-	-	1	1	0	
Lyme Disease (Borrelia burgdorferi)	-	-	-	1	-	1	-	2	5	9	
Malaria (Plasmodium spp)								0	1	0	
Measles (rubeola)	-	-	-	-	-	0	-	0	0	0	
Meningitis, bacterial								0	2	2	
Pertussis	-	1	-	3	-	-	-	4	40	69	
Salmonellosis	2	1	1	-	3	4	1	12	15	25	
Shiga toxin-producing Escherichia coli								0	9	2	
Shigellosis							1	1	9	44	
Spotted Fever Rickettsiosis (RMSF)	-	-	-	-	1	-	-	1	4	4	
Streptococcal disease, invasive, Group A	1	2	-	-	-	-	-	3	3	7	
Streptococcus pneumoniae, invasive disea	3	1	-	3	-	1	-	8	7	9	
Tuberculosis, Active	1	-	-	-	-	1	3	5	9	10	
Varicella (Chickenpox)	2	3	-	1	-	-	-	6	8	23	
West Nile Virus neuroinvasive disease								0	3	0	
West Nile Virus non-neuroinvasive								0	1	1	

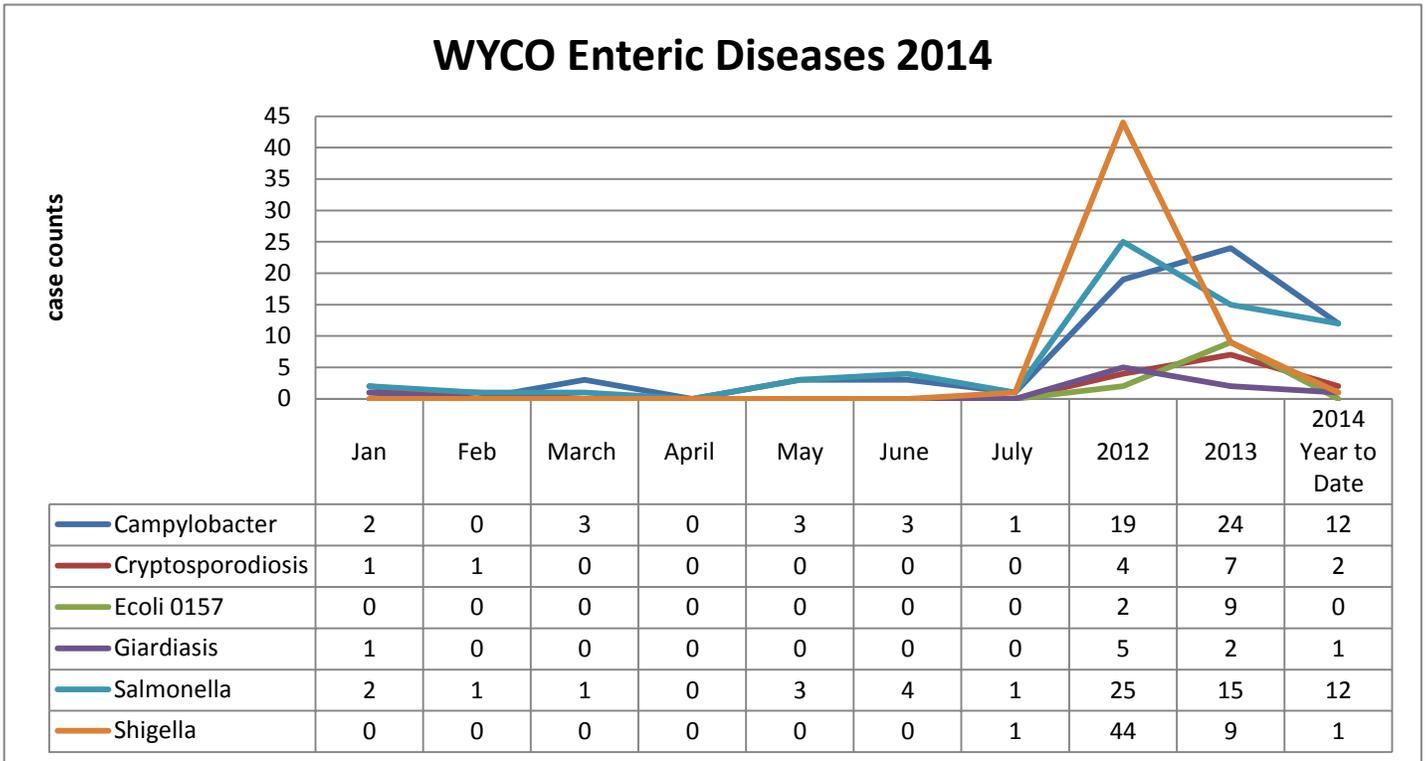
24 Hours report lines: UG Public Health Department Fax 913-573-6744 Phone 913-573-6712
 Kansas Dept. of Health & Environment Fax 1-877-427-7318 Phone 1-877-4277317



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Epi-Curve Graph 01/01/2014 through 7/31/2014
 Disease Group: Enteric (excluding Hepatitis)
 Case Classifications: Confirmed, Probable, and Suspect



The number of reported enteric related illnesses have remained consistent since last winter. This is slightly unusual, as we typically see an increase during the summer months due to more social events, travel, and cookouts. The most common enteric illnesses this year have been Salmonella and Campylobacter. As you can see from the graph, a Shigella outbreak occurred in our community in 2012. Shigella outbreaks are common in urban areas and occur about every 5 years.



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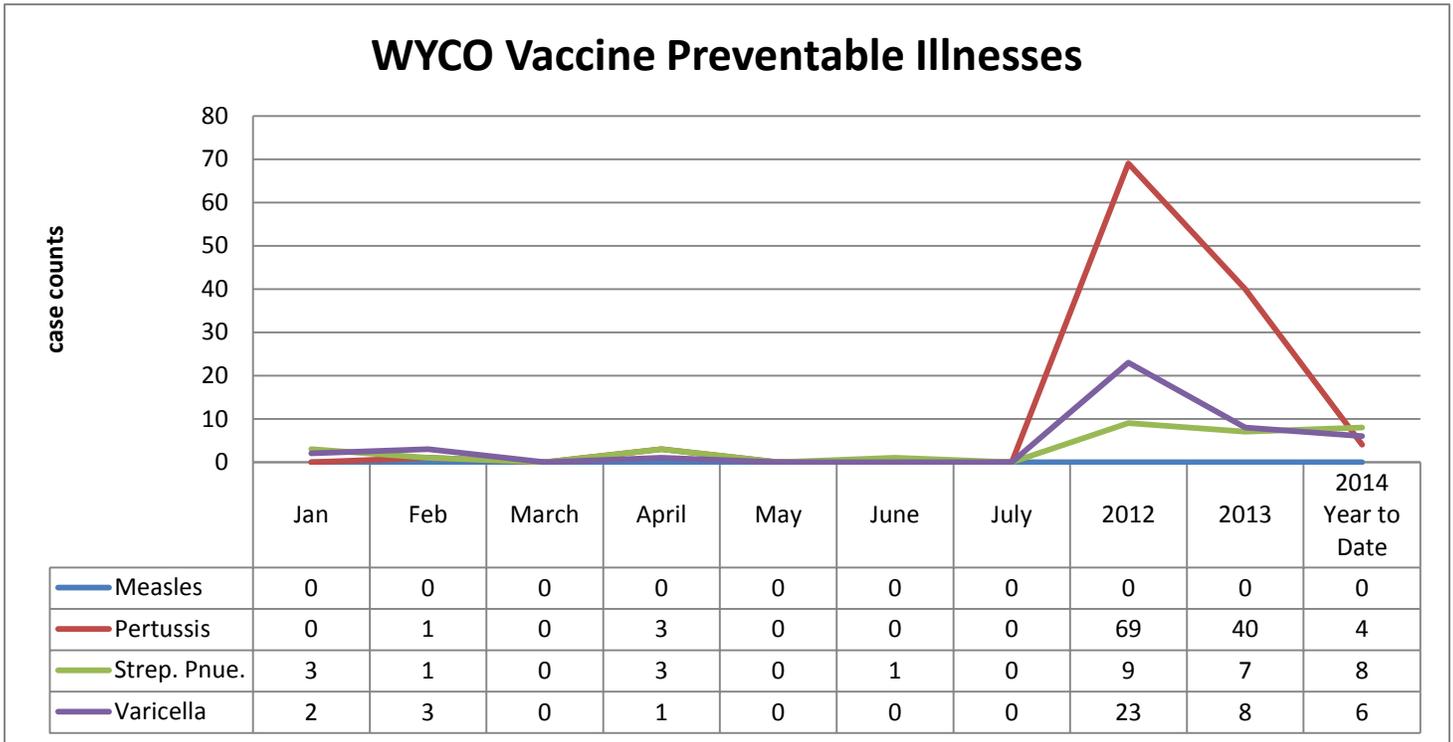


Epi-Curve Graph 01/01/2014-7/31/2014

Reportable condition: **Measles, Varicella, Strep. Pneumoniae, Pertussis, Vaccine Preventable Diseases**

Case Classifications: Confirmed, Probable, and Suspect

Population 2010: Wyandotte County 157,505 Kansas 2,853,118



The Kansas City Metropolitan area has recently experienced a Measles outbreak. However, Wyandotte County has not had any confirmed measles cases during this period. Metropolitan counties with confirmed cases include Clay, Jackson, and Johnson Counties. Wichita, Kansas (Sedgwick County) has also experienced a measles outbreak, which has been linked to the Kansas City area cases.

The above graph shows the vaccine preventable disease reports for Wyandotte County. The most common vaccine preventable disease in Wyandotte County this year has been Varicella and Streptococcus Pneumoniae. While Varicella cases continue to be reported there has been a steady decrease in numbers since the initiation of two doses of the vaccine.

Streptococcus pneumoniae, also seen throughout the year, is common during influenza season. Check with your physician about this vaccine, Pneumovac, when you are getting your next flu vaccine.

Reports of Pertussis (Whooping Cough) remained low this past year in Wyandotte County. In 2012 through 2013 a KC Metro wide outbreak caused an increase in cases. In response to the outbreak Wyandotte County Health Department immunized 4,000 adults in our community with Tdap.

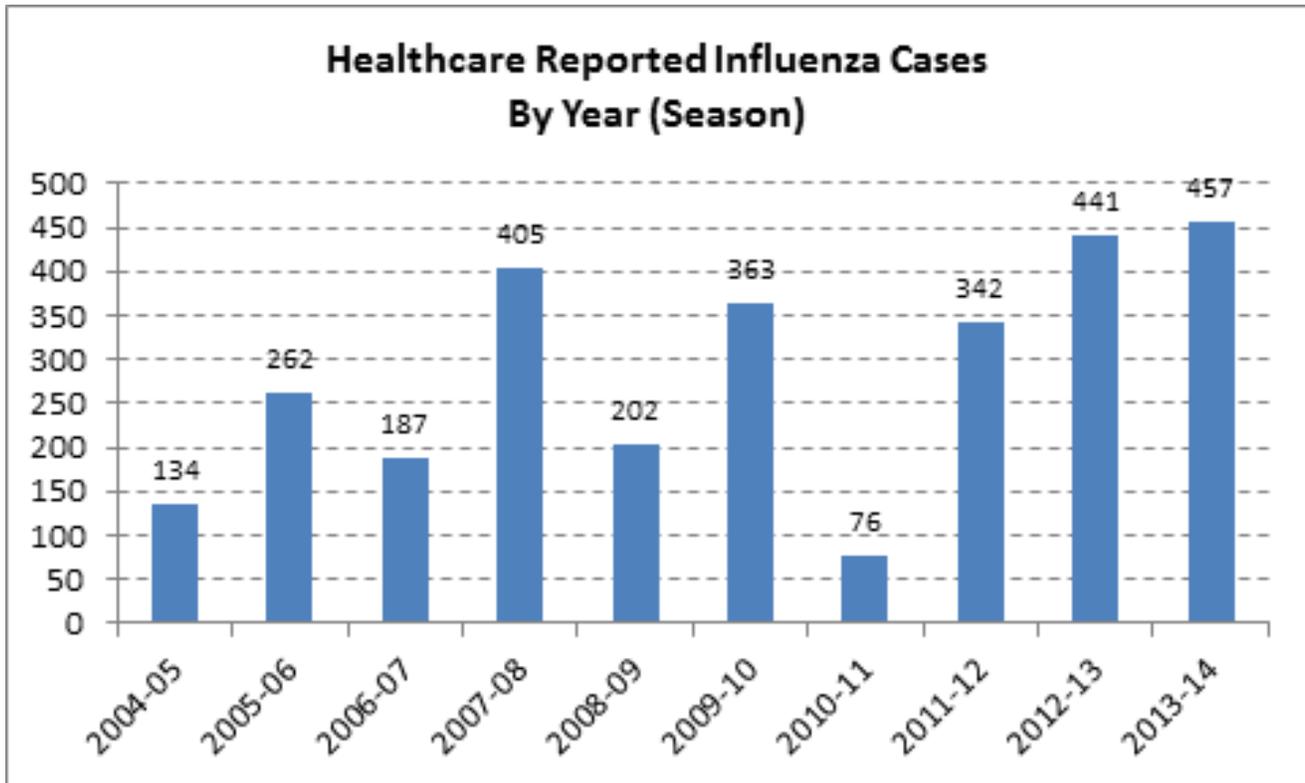
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Public Health



The graph above shows the yearly influenza cases reported by health care organizations in Wyandotte County. The past two influenza seasons have had the highest counts since the 2004-2005 seasons. We have seen more severe influenza seasons recently; however, there has also been an increase in the amount of testing being conducted by health care facilities that may account for some of the increase.

Nationwide CDC claims, "Last year's flu season wound up on the mild side. Overall it caused less sickness and death than recent past seasons." Between Sept. 29, 2013, and May 17, 2014, a total of 53,471 specimens sent to U.S. labs tested positive for a flu virus. Among them, 87% were influenza A viruses, and the most common of these were versions of the H1N1. The other 13% of the confirmed specimens were influenza B viruses.

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