



EPI UPDATES

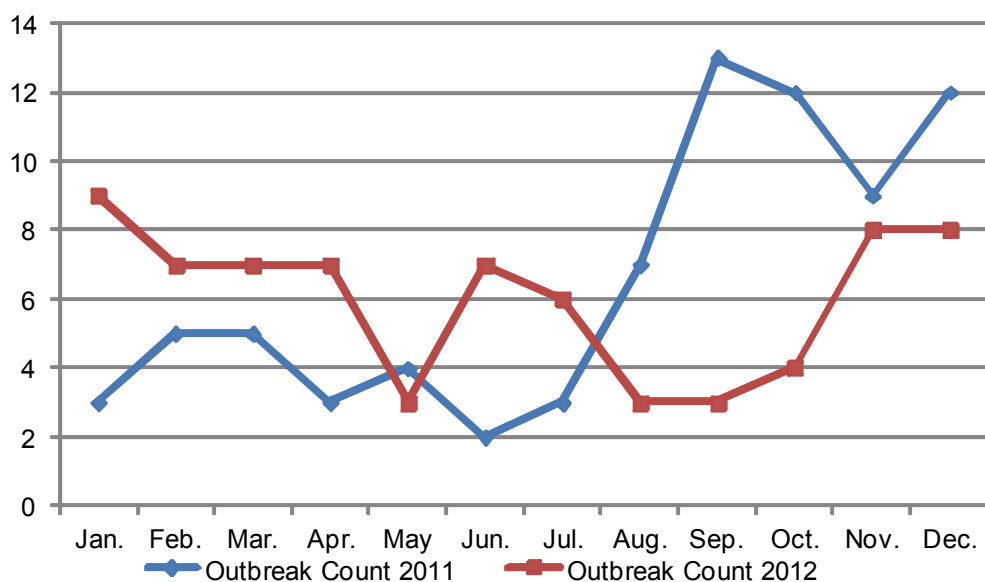
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2013

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Monthly Outbreak Summaries

Number of Outbreaks Reported to IDER by Report Month



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Facility Type	Organism	Transmission	County	Outbreak Status	Reported Date
School	Pertussis	Person-to-Person	Sedgwick	Active	Dec. 3
School	Pertussis	Person-to-Person	Douglas	Active	Dec. 4
Long-term Care Facility	Outbreak Case - Unknown Etiology	Indeterminate/ Other/Unknown	Dickinson	Closed	Dec. 11
School	Varicella (Chickenpox)	Person-to-Person	Shawnee	Active	Dec. 11
Child Care Center	Norovirus	Person-to-Person	Johnson	Closed	Dec. 13
Restaurant	Norovirus	Food	Sedgwick	Closed	Dec. 14
Restaurant	Outbreak Case - Unknown Etiology	Food	Sedgwick	Closed	Dec. 17
Long-term Care Facility	Outbreak Case - Unknown Etiology	Person-to-Person	Sedgwick	Active	Dec. 31

Vaccine-Preventable Disease Surveillance Indicators—Quarterly Report

by Chelsea Raybern, MPH

The completeness and quality of specific surveillance indicators for vaccine-preventable diseases (VPDs) reported to the Kansas Department of Health and Environment (KDHE) from Sept. 1 to Dec. 31, 2012 can be found in the table below. The bolded percentages represent the indicators that have less than 90% completion. Fields in EpiTrax that were filled in as unknown or left blank were considered unanswered for the completeness of indicators. The case counts presented in this report are preliminary numbers and are subject to change.

Keep up the good work! Date of birth and gender were completed for at least 99% of all VPDs reported from Sept. 1 to Dec. 31, 2012. Every indicator was completed for the one meningococcal case, and all but one indicator were completed for the two mumps cases. More than half of the indicators (date of birth, gender, race, ethnicity, hospitalization, and death) were completed for at least 90% of varicella cases.

Still room for improvement...Completeness of vaccination status and transmission setting were much lower than 90% for all reported VPDs from Sept. 1 to Dec. 31, 2012. Completed investigations were also much lower than 90% for all reported VPDs except for the meningococcal and mumps cases. Many of the indicators for pertussis and *Haemophilus influenzae* cases were less than 90% complete. For pertussis cases, these included race (87.6%), ethnicity (85.7%), onset date (82.5%), hospitalization (89.0%), vaccination status (70.5%), transmission setting (25.1%), and completed investigations (75.4%). For *Haemophilus influenzae* cases, the indicators included ethnicity (88.9%), onset date (44.4%), hospitalization (77.8%), death (88.9%), vaccination status (66.7%), and completed investigations (77.8%). The range for local health departments to accept pertussis and varicella cases were 0 to 68 days and 0 to 91 days, respectively.

Please focus on completing these fields in EpiTrax for all VPDs as the goal is to reach 90% or higher completion on all indicators. For the one timeliness indicator, report to case acceptance, the data shows delayed case acceptance so please work towards accepting cases and starting the investigation the same day the local health department receives notification.

For questions regarding this data, please contact Chelsea Raybern at (785) 296-0339 or craybern@kdheks.gov.

VPD Indicators Reported from Sept. 1 to Dec. 31, 2012 in Kansas

Indicators	<i>Haemophilus influenzae</i> , invasive	Meningococcal Disease	Mumps	Pertussis	<i>Streptococcus pneumoniae</i> , invasive	Varicella
Number of reported cases	9	1	2	509	51	145
% of cases with date of birth	100.0%	100.0%	100.0%	99.8%	100.0%	100.0%
% of cases with gender	100.0%	100.0%	100.0%	100.0%	100.0%	99.3%
% of cases with race	100.0%	100.0%	100.0%	87.6%	86.3%	91.0%
% of cases with ethnicity	88.9%	100.0%	100.0%	85.7%	74.5%	92.4%
% of cases with onset date	44.4%	100.0%	100.0%	82.5%	76.5%	86.9%
% of cases with hospitalized noted	77.8%	100.0%	100.0%	89.0%	90.2%	92.4%
% of cases with died noted	88.9%	100.0%	100.0%	98.6%	98.0%	93.8%
% of cases with vaccination status	66.7%	100.0%	100.0%	70.5%	29.4% *	85.5%
% of cases with transmission setting	N/A§	N/A§	0.0%	25.1%	N/A§	44.8%
% of investigations completed by local health departments†	77.8%	100.0%	100.0%	75.4%	80.4%	89.0%
Median # of days from report to case acceptance (range)‡	15 (0-23)	0 (0)	1 (0-1)	18 (0-68)	21 (0-28)	11 (0-91)

* Indicator considered complete if either polysaccharide or conjugate pneumococcal vaccine history is documented

§ Indicator field not included in supplemental disease form

† Status includes when local health department completes investigation, approves the case, or when the case is closed by state

‡ Time from public health report date to when local health department accepts case

Disease	Month Reported to EpiTrax - December 2012						
	State Case Status					Grand Total	Average 2009—2011
	Confirmed	Probable	Suspect	Not a Case	Unclassified		
	Count	Count	Count	Count	Count	Count	Count
Amebiasis (<i>Entamoeba histolytica</i>)	1	0	0	0	0	1	1
Brucellosis	0	0	1	1	0	2	0
Campylobacteriosis	11	0	10	1	17	39	32
Cryptosporidiosis	3	0	0	0	2	5	6
Dengue	0	0	0	1	0	1	0
Giardiasis	4	0	0	0	2	6	13
<i>Haemophilus influenzae</i> , invasive disease (Including Hib)	3	0	0	1	1	5	3
Hepatitis A	0	3	1	24	14	42	42
Hepatitis B pregnancy event	0	0	1	0	2	3	0
Hepatitis B virus infection, chronic	0	21	0	16	11	48	38
Hepatitis B, acute	0	0	0	3	0	3	5
Hepatitis C virus, past or present	83	0	13	16	64	176	139
Lyme Disease (<i>Borrelia burgdorferi</i>)	0	0	0	7	9	16	12
Meningitis, bacterial other	2	0	0	1	0	3	1
Meningococcal disease (<i>Neisseria meningitidis</i>)	0	0	0	1	0	1	2
Mumps	0	0	0	4	0	4	3
Norovirus	3	3	1	1	0	8	20
Outbreak Case—unknown etiology	15	0	0	0	1	16	0
Parapertussis	3	0	0	0	6	9	0
Pertussis	30	36	8	73	38	185*	59
Q Fever (<i>Coxiella burnetii</i>), acute	0	0	0	0	1	1	2
Q Fever (<i>Coxiella burnetii</i>), chronic	0	0	0	0	1	1	0
Rabies, animal	3	1	2	0	0	6	2
Salmonellosis	35	0	0	0	1	36	27
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	2	0	0	0	4	6	8
Shigellosis	5	0	0	0	1	6	27
Spotted Fever Rickettsiosis (RMSF)	0	1	1	3	2	7	4
St. Louis encephalitis virus neuroinvasive	0	0	1	0	0	1	0
Streptococcal disease, invasive, Group A	3	0	0	0	0	3	2
<i>Streptococcus pneumoniae</i> , invasive disease	17	0	1	0	1	19	11
Transmissible Spongiform Enceph (TSE/CJD)	0	0	0	0	1	1	0
Varicella (Chickenpox)	9	14	0	11	4	38	59
West Nile virus neuroinvasive disease	0	0	0	0	2	2	0
West Nile virus non-neuroinvasive disease	0	0	2	0	4	6	3
Grand Total	232	79	42	164	189	706	

* Increase in case count is due to outbreak(s).

EpiTrax Updates & Reminder

- 1) Please have all of your 2012 case investigations (excluding TB, and Hepatitis pregnancy events) in EpiTrax completed and routed to KDHE to be reviewed by **January 31, 2013**.
- 2) Leptospirosis has been added to the “Disease” drop-down list. It was added to the CDC’s National Notifiable Disease Surveillance System beginning in January 2013 per the Council of State and Territorial Epidemiologist’s recommendation.
- 3) Beginning January 1, 2013, KDHE will no longer be entering negative PCR results for pertussis into EpiTrax. In addition, we will not be entering parapertussis cases in non-outbreak situations, as this is not a reportable disease.