



Epi Update

A newsletter for healthcare professionals in Platte County, MO

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Review: 2013-2014 Influenza Season, Platte County

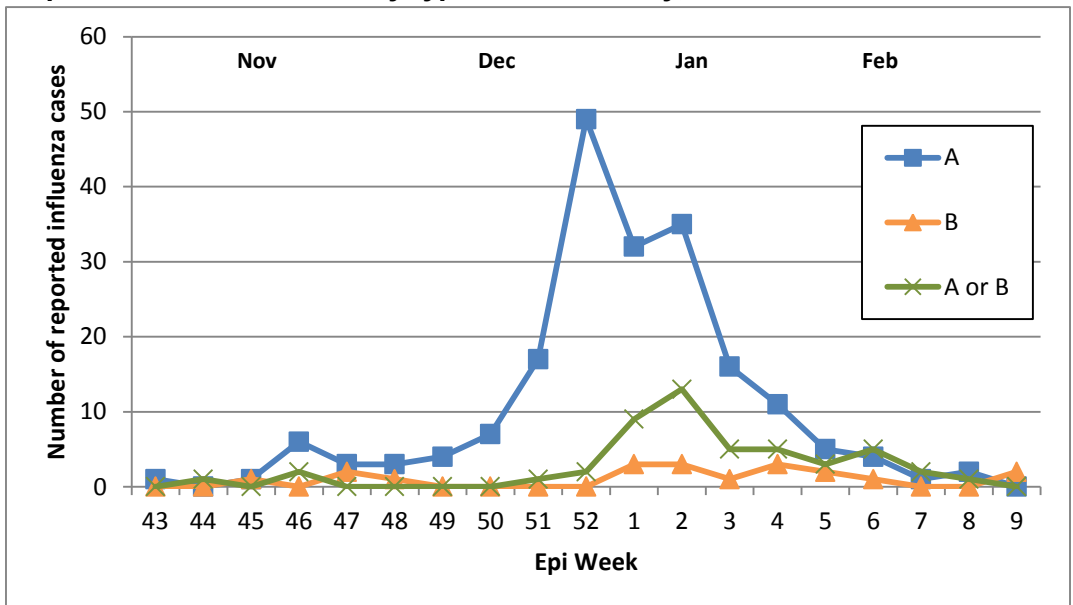
As the 2014-15 influenza season approaches, here is a review of the 2013-14 flu season in Platte County (data from reports to Platte County Health Department):

| | |
|---|---|
| First week reported | 43 (week of Oct 20, 2013) |
| Last week reported | 22 (week of May 25, 2014) |
| Peak weeks | 52-2 (weeks of Dec 29, 2013 - Jan 12, 2014) |
| Total influenza cases | 279 |
| Predominant influenza type | A (74% of cases) |
| Age groups predominantly affected | 25-49, followed by 5-14 |

Platte County Health Department also tracked flu vaccination history for influenza cases reported to the health department. Of those who tested positive for influenza in 2013-14, 16.6% had received the 2013-14 influenza vaccine, 41.9% had not received the influenza vaccine, and 41.5% had unknown vaccination history.

Remember to report positive influenza cases to your local health department. If you need reporting forms for the 2014-15 influenza season in Platte County, please contact Erin Sanders at the Platte County Health Department. For an update on the 2014-15 influenza season, please see page 2.

Reported influenza cases by type, Platte County, 2013-2014 season



SPECIAL POINTS OF INTEREST:

- Stay up-to-date with the latest Ebola information
- The first cases of influenza have arrived in Platte County
- Four pertussis cases were reported in Platte County in October

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For more information or questions about Epi Update, contact Erin Sanders, PCHD Epidemiology Specialist at: (816) 858-2412

“Local public health agencies are now actively monitoring all people with any level of potential exposure to EVD.”

Ebola Virus Disease (EVD) Update

All information is up-to-date as of November 10, 2014.

Latest Outbreak Information

- Over 13,000 EVD cases have been reported in connection with the West Africa outbreak.¹
- Guinea, Liberia, and Sierra Leone are currently the only 3 countries with widespread EVD transmission. EVD outbreaks in Nigeria and Senegal have been declared over.¹
- Recently, travel-associated cases have been seen in Mali, Spain, and the United States.¹

New Monitoring Guidelines

- Local public health agencies are now [actively monitoring](#) all people with any level of potential exposure to EVD. This includes all travelers entering the U.S. identified to be travelling from Guinea, Liberia, or Sierra Leone.^{2,3}
- The nature of any monitoring or controlled movement will be based on an individual's risk factors for EVD expo-

sure and determined on a case-by-case basis by state and local health authorities.³

New Resources

- EVD [algorithm specifically for ambulatory care](#) clinics⁴
- Resources for [parents, schools, and pediatric health care professionals](#)⁵
- Step-by-step [instructional videos](#) for donning/doffing PPE⁶
- A list of [24/7 numbers](#) for all state health departments⁷
- [Infographic](#) explaining the difference between airborne and droplet spread⁸

The CDC is continuously posting new information about the EVD outbreak. Visit <http://www.cdc.gov/vhf/ebola/outbreaks/2014-west-africa/whats-new.html> regularly to stay up-to-date with the latest information.⁹

Please call your local health department or Missouri DHSS (available 24/7 at 1-800-392-0272) with any questions or concerns about EVD.

Platte County Influenza Report

| Notable in October: | October Flu Report | | Epi Week | | | | | YTD |
|---|--------------------|-------------|----------|----|----|----|----|-------------|
| | Age Group | Type | 40 | 41 | 42 | 43 | 44 | (wks 40-44) |
| <p>The first influenza case of the season was reported in week 40 (three weeks earlier than the 2013-14 season).</p> <p>A total of four cases of influenza were reported in Platte County in October. Three cases were type A and one was type B. Three out of four cases affected adults aged 50-64.</p> | 0 - 1 | Type A | | | | | | 0 |
| | | Type B | | | | | | 0 |
| | | Type A or B | | | | | | 0 |
| | 2 - 4 | Type A | | | | | | 0 |
| | | Type B | | | | | | 0 |
| | | Type A or B | | | | | | 0 |
| | 5 - 14 | Type A | | | | | | 0 |
| | | Type B | | | | | | 0 |
| | | Type A or B | | | | | | 0 |
| | 15 - 24 | Type A | | 1 | | | | 1 |
| | | Type B | | | | | | 0 |
| | | Type A or B | | | | | | 0 |
| | 25 - 49 | Type A | | | | | | 0 |
| | | Type B | | | | | | 0 |
| | | Type A or B | | | | | | 0 |
| 50 - 64 | Type A | 1 | | | 1 | | 2 | |
| | Type B | | | | | 1 | 1 | |
| | Type A or B | | | | | | 0 | |
| 65 + | Type A | | | | | | 0 | |
| | Type B | | | | | | 0 | |
| | Type A | | | | | | 0 | |

Communicable Disease Report

Notable this month:

Four cases of pertussis were reported to Platte County Health Department in October (two lab-confirmed, one PCR-positive). These cases were epi-linked.

Overall, October numbers reflect expected reporting for this time of year.

| OCTOBER Reportable Diseases | 2014 | | YTD | | | | 5Y AVG |
|-------------------------------|-----------|------------|------------|------------|------------|------------|------------|
| | MO | YTD | 2013 | 2012 | 2011 | 2010 | |
| Animal bites | 1 | 26 | 30 | 29 | 31 | 8 | 25 |
| Gastrointestinal Diseases | 2 | 19 | 36 | 27 | 39 | 24 | 29 |
| Hepatitis | 1 | 48 | 67 | 75 | 60 | 28 | 56 |
| Sexually Transmitted Diseases | 2 | 53 | 25 | 88 | 32 | 76 | 55 |
| Tuberculosis | 8 | 33 | 57 | 44 | 38 | 25 | 39 |
| Other | 19 | 103 | 71 | 114 | 47 | 24 | 72 |
| -Pertussis | 4 | 7 | N/A | N/A | N/A | N/A | N/A |
| TOTAL | 33 | 282 | 286 | 377 | 247 | 185 | 275 |

Please note that categories are grouped communicable diseases or conditions, most of which are mandatory by law to report (see links below). Totals reported for each category represent total number of reports and inquiries to the health department, not total number of cases.

Categories: Animal bites category includes any type of bite. Gastrointestinal Disease category includes all reportable GI diseases. Hepatitis category could include chronic or acute infections of Hepatitis A, B or C. Sexually Transmitted Disease category includes all reportable STDs other than Hepatitis. Tuberculosis category includes all reports, calls/inquiries, requests for previous records, etc., regarding active or latent cases of TB. Other category includes reports or inquiries regarding individual diseases that do not fit previous categories.

List of Reportable Diseases & Conditions: <http://health.mo.gov/living/healthcondiseases/communicable/communicabledisease/pdf/reportablediseaselist2.pdf>

Rules of Department of Health and Senior Services - Division 20—Division of Community and Public Health Chapter 20—Communicable Diseases: <http://www.sos.mo.gov/adrules/csr/current/19csr/19c20-20.pdf>

References

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7. CDC. Phone Numbers for State and Local Health Departments. Nov 4, 2014. <http://www.cdc.gov/vhf/ebola/outbreaks/state-local-health-department-contacts.html>.
8. CDC. Infographic: How Ebola is Spread. Nov 1, 2014. <http://www.cdc.gov/vhf/ebola/pdf/infections-spread-by-air-or-droplets.pdf>.
9. CDC. Ebola Virus Disease West Africa Outbreak: Timeline of "What's New". Nov 4, 2014. <http://www.cdc.gov/vhf/ebola/outbreaks/2014-west-africa/whats-new.html>.



Platte County Health Department

North

212 Marshall Road
Platte City, MO 64079
(816)858-2412
Fax (816)858-2087

South

1201 East Street
Parkville, MO 64152
(816)587-5998
Fax (816)587-6028

Services Provided

- Disease Surveillance
- Emergency Preparedness
- Environmental Health
 - *Restaurant & Septic Inspections*
- Health Education
- Special Deliveries Program
- Women, Infants & Children (WIC)
- Vital Records
 - *Birth & Death Certificates*
- Family Healthcare Clinic
 - *Physician*
 - *Nurse Practitioner*
- Walk-In Clinic
 - *Adult/Child /Travel Vaccinations*
 - *HIV/STD Testing*
 - *Pregnancy Testing*

Find us online at
www.plattecountyhealthdept.com