



Epi Update

A newsletter for healthcare professionals in Platte County, MO

VOLUME 4, ISSUE 9

SEPTEMBER 13, 2017

SPECIAL POINTS OF INTEREST:

- Learn more about latent TB infections
- Know a Platte County senior? Tell them about our Senior Health Fairs!
- Did you know? HAV outbreaks have been occurring across the country
- Come get a flu shot at one of our **FREE** drive thru flu clinics!

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

Latent TB Infections: What's Next?

A **latent tuberculosis infection (LTBI)** occurs when someone has been infected with TB bacteria but does not have active disease and is **not symptomatic or contagious**. Here are steps providers should take for patients who test positive for LTBI: ¹⁻³

- 1. Rule out active disease:** Patients with positive TB tests should be evaluated for [signs of symptoms](#) of TB and receive a chest x-ray to rule out active infection as soon as possible. ⁴
- 2. Report:** LTBI is a [reportable disease](#) in the state of Missouri. Report any positive TB tests to your local health department, even if active disease is ruled out.
- 3. Treat:** Treatment of LTBI reduces the likelihood of progression to active disease. Certain persons are at high risk for progression of LTBI to TB disease and should be considered a high priority for treatment. These groups include: ^{1,3,5}

- **Children under 5**, or children and adolescents exposed to high-risk adults
- People **infected within the last 2 years** or who are known to be recent contacts of a TB case
- People who have **immigrated in the last 5 years** from [countries with a high prevalence of TB](#)
- Persons with a history of inadequately treated TB disease (may show fibrotic changes on chest x-ray)
- **Immunocompromised persons**, including those with HIV, organ transplant recipients, or persons receiving immunosuppressive therapy
- Residents and employees of **high-risk congregate settings** (e.g., correctional facilities, nursing homes, homeless shelters, hospitals, and other health care facilities)
- Persons with **underlying medical conditions** including diabetes mellitus; chronic kidney disease; silicosis; leukemia, lymphoma, or cancer of the head, neck, or lung; a history of gastrectomy or jejunoileal bypass; persons under 90% of ideal body weight
- Cigarette **smokers** and persons who abuse **drugs and/or alcohol**

Persons with no known risk factors for TB may still be considered for treatment of LTBI. Providers should discuss the benefits and risks of LTBI treatment with patients before making a decision about treatment. Patients who do choose to start treatment should be evaluated monthly for medication adherence and adverse medication reactions.

4. Watch: Regardless of a person's decision to receive treatment, patients should be counseled regarding signs and symptoms of active TB and should be instructed to seek prompt medical attention if these develop.

Additional Resources:

- Detailed information from MDHSS on [LTBI Testing and Diagnosis](#) ¹
- Detailed information from MDHSS on [LTBI Treatment and Case Management](#) ²
- CDC's [LTBI Guide for Primary Health Care Providers](#) ³

LTBI: What can PCHD do? PCHD communicable disease staff follow up on LTBI reports received for Platte County residents and can provide information to providers regarding LTBI treatment and case management. PCHD cannot provide LTBI treatment for residents unless they are patients of PCHD's Family Health Care Clinic for uninsured and Medicaid patients. All LTBI prescriptions must be written by a patient's private physician. If requested, PCHD walk-in clinic nurses can help provide monthly evaluations to patients being treated by their private physician.



Spotlight PCHD

Click [here](#) for
an event flyer!

Did you know?? ¹⁰

HAV is transmitted by the **fecal-oral route**, through person-to-person contact or contaminated food or water. Symptoms include fever, fatigue, nausea, vomiting, abdominal pain, and jaundice. Infected persons may be contagious up to **2 weeks** before symptoms begin.

Platte County Senior Health Fairs

The Platte County Health Department helps sponsor **two senior health fairs** every fall in Platte County. The fairs are open to **all Platte County seniors**.

Admission is free. The following services will be provided:

- ◆ Caregiver support information
- ◆ Flu shots
- ◆ Acupressure
- ◆ Blood pressure checks
- ◆ Bone density screenings
- ◆ Fasting blood sugar
- ◆ Fasting cholesterol (\$25)
- ◆ Veteran information
- ◆ Fall prevention/balance screening

In addition, over 70 exhibitors, free food, live entertainment, and door prizes will be available. Check out the dates and times below:

Save the dates!

Thu, Sept 21, 8:30 am—11:30 am
Riverside Community Center
4498 NW High Drive
Riverside, MO 64150

Thu, Sept 28, 8:30 am—11:30 am
Platte County Community Center North
3101 Running Horse Rd
Platte City, MO 64079

Outbreaks of Hepatitis A Virus

Ongoing **Hepatitis A (HAV) outbreaks** have been occurring in **several states** across the U.S:

- **San Diego, CA:** 398 cases, 15 deaths, Nov 2016—Sep 5, 2017 ⁶
- **Colorado:** 56 cases, 1 death, Jan—Sep 8, 2017 ⁷
- **Southeast Michigan:** 190 cases, 10 deaths, Aug 2016—Jun 2017 ⁸

No common exposures have been found in any of these outbreaks, although certain populations have been identified as **high risk**. In San Diego, the majority of cases have been **homeless or illicit drug users**.⁶ Nearly half of cases in Michigan also had a history of drug abuse.⁸ About 75% of cases in Colorado have been among men, and about half of those are men who have sex with men (**MSM**).⁷

HAV vaccine has been recommended for children over the age of 1 since 2006; however, **less than 10% of U.S. adults have received the vaccine**.⁹

The **CDC recommends** HAV vaccination for the following high risk groups:¹⁰

- Travelers to countries where HAV is common
- Household members and caregivers of international adoptees
- MSM
- Illegal drug users
- People with chronic liver disease
- People being treated with clotting-factor concentrates
- People working with HAV-infected animals or in an HAV research lab

Recommendations may change during local outbreaks. For more information on HAV, visit cdc.gov/hepatitis/hav/.

Free Drive Thru FLU Clinic

PCHD is offering **two FREE Drive Thru Flu clinics** this year. Flu vaccine will be available to adults and children **9 years and older** and is **FREE** while supplies last. To make your experience even easier and faster, fill out your paperwork ahead of time at www.dispenseassist.net/flu.html (and don't forget to print!). For more information, call PCHD at (816) 858-2412, or visit our website at www.plattecountyhealthdept.com.

Mark your Calendars! 2017 Drive Thru Flu Clinics:

Sat, Sept 23rd, 10am—2pm
Riverside Fire Station
4500 NW High Dr
Riverside, MO 64150

Mon, Oct 9th, 10am—2pm
Platte City Middle School
900 Pirate Dr
Platte City, MO 64079

Communicable Disease Report

Notable this month: Reporting was average for the month of August but remains above average year to date. Diseases reported in August included 1 case of campylobacteriosis, 1 case of invasive *H. influenzae*, 1 LTBI, 1 flu A, and 1 flu B.

Reportable Diseases August 2017	YTD*						5 YR AVG†	
	2017	2016	2015	2014	2013	2012		
Animal Bites	4	54	24	42	24	26	25	28
Gastrointestinal Diseases	2	28	37	33	15	33	12	26
Hepatitis	8	62	51	60	42	50	62	53
STD	10	58	29	38	39	25	75	41
Tuberculosis	3	23	50	20	27	50	34	36
Other	8	77	57	51	73	59	88	66
TOTAL	35	302	248	244	220	243	296	250

*Year-to-date (counts reflect total cases January through August of the given year)

† Five year average is of YTD counts for years 2012-2016.

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://s1.sos.mo.gov/cmsimages/adrules/csr/current/19csr/19c20-20.pdf>

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Platte County Health Department

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South

1201 East Street
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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*

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