



Public Health
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Platte County Health Department

Epi Update

A newsletter for healthcare professionals in Platte County, MO

VOLUME 3, ISSUE 1

JANUARY 13, 2016

SPECIAL POINTS OF INTEREST:

- Year in Review— see what diseases were reported in Platte County in 2015
- Spotlight PCHD! Learn about PCHD's Family Healthcare
- Get the latest Ebola outbreak updates
- PCHD wants to know! Take our quick survey at <https://www.surveymonkey.com/tr/plattepools> and give us your input

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

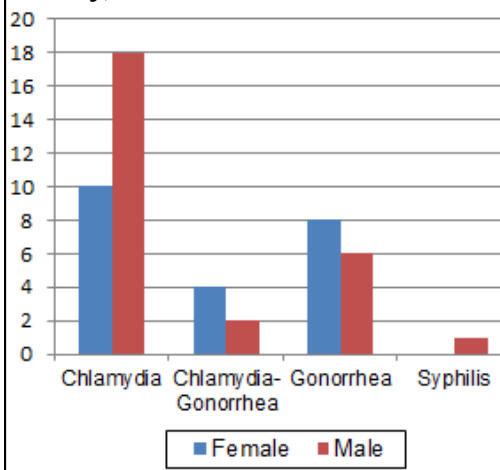
2015 Communicable Diseases

In 2015, PCHD processed a total of 377 communicable disease reports and notifications. Of these, 185 were confirmed, probable, or suspect disease cases within Platte County's jurisdiction. 93 were determined upon further investigation to be "no case", not reportable, or new notifications for previously reported cases. 55 reports were not in Platte County's jurisdiction, and 44 were general questions or complaints.

The majority of reported animal bites were due to dogs (74%), while most reported hepatitis cases were chronic hepatitis C (83%). Campylobacteriosis and cryptosporidiosis were the most frequently reported GI diseases. Reported TB cases were low this year, with only 3 latent TB infections reported in Platte County residents in 2015.

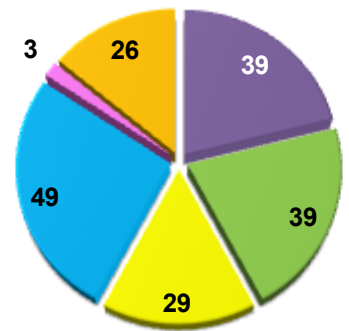
The case numbers in the following figures all refer to confirmed, probable, or suspect disease cases in Platte County residents (not including those living within Kansas City city limits) that were reported to PCHD in 2015.

STD cases reported to PCHD, Platte County, 2015



2015 Platte County Communicable Disease Cases (Confirmed, Probable, or Suspect) by Type

- Animal bites
- Gastrointestinal Diseases
- Hepatitis
- STDs
- Tuberculosis
- Other



Reported Cases, Platte County, 2015	Cases (#)	5 yr avg*
Gastrointestinal Diseases		
Campylobacteriosis	10	6.6
Cryptosporidiosis	8	2.4
E. coli Shiga Toxin Positive	2	0.6
Giardiasis	5	1.4
Salmonellosis	7	9.2
Shigellosis	6	0.8
Tuberculosis		
TB Disease	0	0.6
TB Infection	3	9.4
Other Diseases		
Coccidioidomycosis	1	0.4
Ehrlichia chaffeensis	2	1.4
Legionellosis	1	0.6
Mott	3	2.0
Pertussis	5	3.0
Rocky Mountain Spotted Fever	1	0.8
Staph aureus, Vancomycin-Intermediate Resistance	1	0.0
Strep Disease, Group A Invasive	3	0.2
Strep pneumoniae, Drug-Resistant Invasive	2	0.4
Varicella (Chickenpox)	1	3.2

*Average number of cases for the years 2010-2014



Spotlight PCHD



A flyer about Family Healthcare and their new walk-in services is attached with this newsletter. Please feel free to share!

Guinea is now the only country from which travelers to the U.S. are subject to entry screening for Ebola

Spotlight on Family Healthcare

Our new “Spotlight PCHD” section highlights services available through PCHD. This month learn more about PCHD’s Family Healthcare Program:

- PCHD offers primary care to uninsured and Medicaid residents of Platte County and Clay County.
- Primary Care includes: well child checks, well adult visits, management of blood pressure, diabetes, depression, well woman exams, birth control, sick visits and etc.
- Appointments are offered in Parkville Monday-Friday 8:00-3:45 and Platte City on Mondays 8:00-11:15. Walk-in hours will be available in Parkville starting February on Mondays 1:00-3:30pm.
- Our fees are based off of income (need one of the following: current paystub, current tax return, budget summary letter from Division of Family Services, or bank statement if living off of savings).
- We offer assistance with completing applications for prescription assistance.
- Resources are available for free mammograms and dental assistance for those who qualify.
- Our staff of Family Nurse Practitioners, Registered Nurse, and Certified Medical Assistants is friendly, well educated, and caring. A Physician is available one day a month.
- Please call for an appointment or more information 816-587-5998.

Ebola Outbreak Update

Guinea WHO declared Guinea free of Ebola virus transmission on December 29, 2015.¹ On the same date, the CDC declared that travelers from Guinea to the U.S. no longer need to undergo active monitoring by local health departments.² Travelers to the U.S. from Guinea will continue to be funneled through designated U.S. airports for enhanced entry screening, where they will be screened and encouraged to monitor their health for 21 days.² Missouri’s state and local health departments will continue to receive notifications of travelers from Guinea entering the state.

Sierra Leone Sierra Leone was declared free of Ebola virus transmission on November 7, 2015.¹ On December 22, 2015, CDC ceased to require travelers from Sierra Leone to the U.S. to be screened upon entry to the US.³ However, travelers will continue to be screened before departing Sierra Leo-

ne and encouraged to monitor their health for 21 days. Guinea is now currently the only country from which travelers to the U.S. are subject to entry screening for Ebola.

Liberia 3 Ebola cases were reported in Liberia the week of November 22, 2015 after the re-emergence of Ebola virus in a previously-infected individual. If no more new cases are reported, human-to-human transmission linked to this cluster of cases will be declared to have ended on January 14, 2016.¹

Continued Response Liberia, Sierra Leone, and Guinea now each have surveillance systems in place to identify any future cases of Ebola and at least 1 national rapid-response team that can be deployed if new cases are detected. Other efforts, including vaccine trials and survivor services, continue to be implemented in the work towards Ebola control.¹

We want to know!

Platte County Health Department is surveying Platte County residents about their knowledge of health department services so that we can better serve the Platte County community. This survey is only a few questions and should take less than 5 minutes to complete. The survey can be found at <https://www.surveymonkey.com/r/plattepools>. Thank you for your participation and partnership with PCHD!



Platte County Influenza Report

Platte County 2015-16 Reported Influenza Cases [†]								
11/29/15-1/2/15		Epi Week					Total	STD*
Age Group	Type	48	49	50	51	52		(40-52)
0- 1	Type A						0	0
	Type B						0	0
	Type A or B						0	0
2 - 4	Type A					1	1	1
	Type B						0	1
	Type A or B						0	0
5 - 14	Type A						0	1
	Type B						0	2
	Type A or B						0	2
15 - 24	Type A						0	0
	Type B				1		1	1
	Type A or B		1				1	2
25 - 49	Type A		1	1			2	3
	Type B			2			2	7
	Type A or B		1				1	2
50 - 64	Type A		1				1	3
	Type B			1			1	1
	Type A or B		1				1	1
65 +	Type A	1					1	1
	Type B						0	1
	Type A or B						0	0

Flu totals[†]

Weeks—:

A	5
B	4
A or B	3

*Season to date:

A	9
B	13
A or B	7

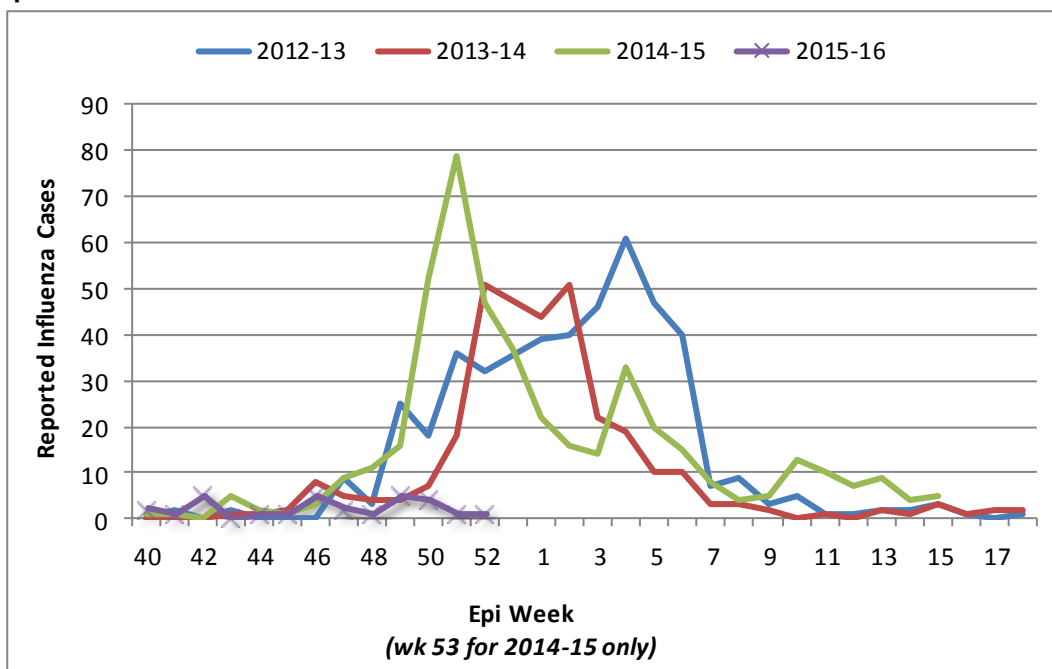
[†] Reflect total reports received as of 1/08/16

Notable this Month:

The number of reported flu cases in Platte County remained low in the month of December. Season to date, Platte County has had 29 flu cases.

Flu incidence remains fairly evenly distributed among age groups so far this season, with 5-14 year olds and 25-49 year olds experiencing the highest incidence of flu, followed closely by 0-4 year olds.

Reported Influenza Cases in Platte County residents, by Epidemiological week, past 3 influenza seasons and 2015-16 season-to-date[†]



Reported influenza cases remain low in Platte County in 2015-16 when compared to numbers at this time of year from the past 3 influenza seasons.

Communicable Disease Report

Notable this month:

Overall for the year of 2015, the number of reports and notifications for animal bites and gastrointestinal diseases were double those from the previous year and the five year average for 2010-2014. Increased gastrointestinal disease cases and reports in 2015 may partially be explained by local cryptosporidiosis and shigellosis outbreaks this year, as well as a change in the case definition of campylobacteriosis in 2015.

Hepatitis reporting was also above average in 2015, while STD and TB reports were below average for the year.

Gastrointestinal Diseases: Gastrointestinal diseases reported in December included 3 shigellosis and 1 campylobacteriosis. *Shigella* continues to persist in the Kansas City area. Consider testing for *Shigella* in patients with diarrheal illness, particularly those who are in child care or who work in a high risk setting such as food service, child care, or health care.

STDs: Though reported STDs were not higher than average for the year, reported STD cases were higher than average in December. PCHD's walk-in clinic also had twice as many positive STD cases this month compared to the average for this year.

Reportable Diseases December 2015		YTD*						5 YR AVG†
		2015	2014	2013	2012	2011	2010	
Animal Bites	4	60	27	33	32	36	14	28
Gastrointestinal Diseases	4	61	20	41	29	39	29	32
Hepatitis	12	101	62	79	82	77	35	67
STD	9	55	67	26	104	34	87	64
Tuberculosis	3	30	38	63	54	49	30	47
Other	0	70	114	86	122	68	37	85
TOTAL	32	377	328	328	423	303	232	323

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

† Five year average is of YTD counts for years 2010-2014.

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

1. World Health Organization. Ebola Situation Reports. Jan 6, 2016. Retrieved 2016, Jan 12 from <http://apps.who.int/ebola/ebola-situation-reports>
2. CDC. Enhanced Entry Airport Screening for Ebola Modified for Travelers from Guinea to the United States. Dec 29, 2015. Retrieved 2016, Jan 12 from <http://www.cdc.gov/media/releases/2015/s1223-enhanced-airport-screening.html>
3. CDC. Enhanced Entry Airport Screening for Ebola to End for Travelers from Sierra Leone to the United States. Dec 22, 2015. Retrieved 2016, Jan 12 from <http://www.cdc.gov/media/releases/2015/s1221-airport-screening.html>

Hewlett-Packard Company

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*

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