

# Communicable Disease

Monthly Updates

Joplin City/Jasper County

Vol. 7, Issue 12

Dec 2014–Jan 2015



**Public Health**  
Prevent. Promote. Protect.

## 2014–2015 Flu Season Activity Update

The current flu activity in Joplin City and Jasper County is higher than the previous 2013–2014 season.



*(Continued on page 2)*

### Flu Activity Summary

A total of 1,005 flu cases have been reported in Joplin City and Jasper County (Joplin 448 and Jasper County 557) since the start of the 2014–2015 influenza season (September 28, 2014) through January 17, 2015.

### Inside This Issue

Sexually Transmitted Diseases in Jasper County	2
Influenza Activity Update	2
Multi-State Measles Outbreak	2
Reportable Diseases Report	3
Contact Information	3

## Multi-state Measles Outbreak, December 2014–January 2015



The U.S. is experiencing a multi-state measles outbreak that started in California in December 2014 and has spread to several states.

The initial confirmed cases reported visiting Disneyland Resort Theme Parks in Orange County, CA, from December 17 through December 20, 2014. From December 28, 2014, through January 21, 2015, 51 confirmed cases of measles linked to this outbreak have been reported to CDC, 42 from California and 9 from six other states (3 in UT, 2 in WA, 1 in OR, 1 in CO, 1 in NE, and 1 in AZ). Twenty-eight (28) were unvaccinated, 17 had unknown vaccination status, and 6 were vaccinated. Among those unvaccinated cases, 5 were under age for vaccination. The cases' age ranged from 10 months to 57 years.

### What is Measles?

Measles is a highly contagious, acute viral illness that begins with fever, cough, runny nose, pink eye lasting 2–4 days prior to rash onset. It can cause severe

*(Continued on page 2)*

# Communicable Disease Monthly Updates

## Sexually Transmitted Diseases (STD) in Jasper County, 2014

According to Jasper County STD data reported from January through October, there were more chlamydia cases in 2014 than in 2013. However, less gonorrhea and syphilis case reports were reported in 2014 compared with 2013 during the same period as shown in table 1.

Source: DHSS

	2013	2014
<b>Chlamydia</b>	348	444
<b>Gonorrhea</b>	83	38
<b>Syphilis</b>	5	2

## 2014-2015 Flu Activity Update cont'd

(Continued from page 1)

- ◆ Ages 5-14 years was the most reported compared with other groups (see table 2)
- ◆ Influenza A continued to be the predominant type in Joplin and Jasper County as well as at the state and national level.
- ◆ Missouri is still reporting widespread flu activity to the CDC as of January 17, 2015.

For more flu activity information, visit: <http://www.cdc.gov/>

Age	Joplin City	Jasper County	Total
0-1	24	59	83
2-4	48	55	103
5-14	109	187	296
15-24	56	86	142
25-49	89	72	161
50-64	51	42	93
65+	71	56	127
<b>Total</b>	<b>448</b>	<b>557</b>	<b>1005</b>

## Multi-State Measles Outbreak, December 2014-January 2015

(Continued from page 1)

health complications e.g. pneumonia, encephalitis, and death.

### Transmission

Measles is transmitted when an infected person coughs and sneezes. Those infected are contagious 4 days before rash onset to 4 days afterwards.

### Prevention

The multi-state outbreak underscores the ongoing risk of importation of measles, the need for vaccine coverage, and the importance of prompt and appropriate public health responses to outbreaks.

### Recommendations for Health Care Providers.

- ◆ Ensure all patients are up to date on vaccines.
- ◆ For overseas travelers, CDC recommends MMR vaccine, if needed, prior to departure.
- ◆ Isolate suspect cases and immediately notify the local health departments.
- ◆ Obtain specimens for testing, including viral specimens for confirmation and genotyping.
- ◆ Contact the local health department for assistance with submitting specimens for testing.

For more information visit:

<http://www.cdc.gov/measles/cases-outbreaks.html>

# Communicable Diseases Monthly Newsletter: Joplin/Jasper County

## Communicable Diseases Reported in Joplin /Jasper County, 2013 and 2014 (January through December)

	JOPLIN		JASPER	
	2013	2014	2013	2014
ANAPLASMA PHAGOCYTOPHILUM	0	0	2	1
CAMPYLOBACTERIOSIS	17	10	27	30
COCCIDIOIDOMYCOSIS	1	1	0	2
CRYPTOSPORIDIOSIS	1	5	10	6
E COLI SHIGA TOXIN POSITIVE	2	1	2	4
E. COLI O157 H7	1	1	1	3
EHRlichia CHAFFEENSIS	12	3	20	14
EHRlichia EWINGII	0	0	1	0
EHRlichia/ANAPLASMA UNDETERMINED	0	0	0	1
GIARDIASIS	3	0	4	4
HAEMOPHILUS INFLUENZAE	0	0	0	1
HEPATITIS A (ACUTE)	1	1	1	4
HEPATITIS B (PREGNANCY)	1	1	1	1
HEPATITIS B (ACUTE)	7	9	8	3
HEPATITIS B (CHRONIC)	16	9	12	3
HEPATITIS C (ACUTE)	0	0	0	13
LEGIONELLOSIS	1	1	2	3
LYME	0	1	3	5
MENINGOCOCCAL DISEASE	0	0	2	0
MUMPS	0	1	0	0
MYCOBACTERIUM OTHER THAN TB (MOTT)	5	16	8	10
NON-NEUROINVASIVE (WEST NILE)	0	0	1	0
PERTUSSIS	0	2	4	1
RABIES POST EXPOSURE PROPHYLAXIS	0	5	0	4
ROCKY MOUNTAIN SPOTTED FEVER	1	2	4	16
SALMONELLOSIS	5	3	5	12
SHIGELLOSIS	1	0	0	0
STREP DISEASE (GROUP A INVASIVE)	0	6	0	2
STREP PNEUMONIAE (<5 YRS INVASIVE)	0	1	2	0
TB DISEASE	4	3	2	6
TB INFECTION	35	38	28	24
TULAREMIA	0	0	3	1
TYPHOID FEVER	0	1	0	0
VARICELLA (CHICKENPOX)	5	7	11	14

### Contact Us

Joplin City Health Department  
321 E 4th Street  
Joplin, MO. 64801  
Phone: 417-623-6122  
Fax: 417-624-6453  
[www.joplinhealthdepartment.org](http://www.joplinhealthdepartment.org)  
Like us on Facebook:  
<https://www.facebook.com/JOPLINHd>

Jasper County Health Department  
105 Lincoln Street  
Carthage, MO. 64836  
Phone: 417-358-3111  
Toll Free: 1-877-879-9131  
<http://health.jaspercounty.org>  
Like us on Facebook:  
<https://www.facebook.com/JasperCountyHealthDept>

If you have comments, contact:  
**Joseph T. Njenga, MPH, MHA**  
Regional Epidemiologist  
Joplin City Health Department  
Jasper County Health Department  
[JNjenga@Joplinmo.org](mailto:JNjenga@Joplinmo.org)  
Office: 417-623-6122

<b>Color</b>	2014 higher than 2013
<b>Key</b>	2014 lower than 2013

Source: Crystal Reports: DHSS. Joplin/Jasper County Health Dept