

Missouri Department of Health and Senior  
Services (DHSS)

Weekly Communicable Disease Report  
for the

**Daviess County**

Missouri Department of Health and Senior Services (DHSS)

**Weekly Communicable Disease Report**

for the

**Daviess County**

**Report for Week 50 of 2016**

**Report Run Date = December 20, 2016**

**For DHSS and LPHA Internal Use Only.  
Data Included in This Report is Provisional.**

**Data Source: Confirmed or Probable Cases of Diseases & Conditions  
entered into the Missouri Health Surveillance Information System (WEBSURV)**

**Missouri Department of Health and Senior Services (DHSS)**  
**Weekly Communicable Disease Report**  
**Quartile Analysis of Year-to-date Counts for Week 50, 2016**

**Daviess County**

<i>Disease or Condition</i>	<i>Week 50 YTD<sup>1</sup></i>	<i>Week 49 YTD<sup>1</sup></i>	<i>Week 48 YTD<sup>1</sup></i>	<i>Five Year 1<sup>st</sup> Quartile</i>	<i>Five Year Median</i>	<i>Five Year 3<sup>rd</sup> Quartile</i>	<i>Change from Week 49 to Week 50</i>	<i>Change from Week 50 to 5-Year Median</i>	<i>Rate per 100,000 Week 50</i>	<i>Relative Rate Week 50</i>	<i>First Week Reported<sup>2</sup></i>	<i>Last Week Reported<sup>2</sup></i>
Animal Bites	15	15	15	No Data	10	No Data	0.0%	44.0%	187.13	1.48	1	44
Ehrlichia chaffeensis	1	1	1	1	2	2	0.0%	( 33.3%)	12.48	3.06	21	21
Hepatitis B (Pregnancy) Prenatal	1	1	1	1	1	1	0.0%	0.0%	12.48	7.12	21	21
Hepatitis B Chronic Infection	1	1	1	No Data	0	No Data	0.0%	0.0%	12.48	1.74	20	20
Hepatitis C, Chronic Infection	5	5	5	2	4	5	0.0%	25.0%	62.38	0.74	6	40
Meningococcal Disease	1	1	1	No Data	0	No Data	0.0%	0.0%	12.48	174.50	10	10
Pertussis	3	3	3	1	1	1	0.0%	200.0%	37.43	6.75	45	48
Rocky Mountain Spotted Fever	5	5	5	1	3	3	0.0%	66.7%	62.38	9.78	27	40
Salmonellosis	2	2	2	1	2	2	0.0%	33.3%	24.95	1.41	26	26
Strep Pneumoniae, Drug-Resistant	1	1	1	1	1	1	0.0%	0.0%	12.48	2.70	38	38
Tb Infection	1	1	1	2	2	2	0.0%	( 50.0%)	12.48	0.25	9	9
Varicella (Chickenpox)	2	2	2	No Data	0	No Data	0.0%	0.0%	24.95	9.43	9	11

<sup>1</sup> **Analysis Results Legend:**

*The Year-to-Date (YTD) count is above the 5-year median.*

*The Year-to-Date (YTD) count is above the 5-year 3rd quartile for a period of one or two weeks.*

*The Year-to-Date (YTD) count is above the 5-year 3rd quartile for a period of three weeks.*

*The Year-to-Date (YTD) count is above the 5-year Maximum.*

<sup>2</sup> **First Week Reported in 2016**

**Missouri Department of Health and Senior Services (DHSS)**  
**Weekly Communicable Disease Report for Week 50, 2016**  
**Disease or Condition Analysis**  
**Relative to Last Report run on 12/13/2016 for Week 49, 2016**

**Daviess County**

<i>Disease or Condition</i>	<i>Data Status</i> <sup>1,2</sup>	<i>1<sup>st</sup> Week Reported Current Report</i>	<i>1<sup>st</sup> Week Reported Last Report</i>	<i>Change in Count</i>	<i>Week 50 Quartile Results</i> <sup>3</sup>	<i>Week 49 Quartile Results</i> <sup>4</sup>	<i>Data Trend Analysis</i> <sup>5</sup>	<i>Data Elevation Analysis</i> <sup>6</sup>
Animal Bites	Old	1	1	0	Above Median	Above Median	Flat	Above Normal
Ehrlichia chaffeensis	Old	21	21	0	Below Median	Below Median	Flat	Below Normal
Hepatitis B (Pregnancy) Prenatal	Old	21	21	0	Below Median	Below Median	Flat	Below Normal
Hepatitis B Chronic Infection	Old	20	20	0	Above Median	Above Median	Flat	Above Normal
Hepatitis C, Chronic Infection	Old	6	6	0	Above Median	Above Median	Flat	Above Normal
Meningococcal Disease	Old	10	10	0	Above Median	Above Median	Flat	Above Normal
Pertussis	Old	45	45	-1	Above Maximum	Above Maximum	Decrease	Very Elevated
Rocky Mountain Spotted Fever	Old	27	27	0	Above Maximum	Above Maximum	Flat	Very Elevated
Salmonellosis	Old	26	26	0	Above Median	Above Median	Flat	Above Normal
Strep Pneumoniae, Drug-Resistant	Old	38	46	0	Below Median	Below Median	Flat	Below Normal
Tb Infection	Old	9	9	0	Below Median	Below Median	Flat	Below Normal
Varicella (Chickenpox)	Old	9	9	0	Above Median	Above Median	Flat	Above Normal

<sup>1</sup> Data Status: Old=Continuing Occurrence in 2016, New=First Occurrence in 2016 and Out=Case was Removed from WEBSURV

<sup>2</sup> First Week Reported and/or First Occurrence of Disease or Condition in 2016

<sup>3</sup> Week 50 Quartile Results are from the Current Report

<sup>4</sup> Week 49 Quartile Results are from the Last Report

<sup>5</sup> Based on Change in Count Current Report vs Last Report

<sup>6</sup> Based on Quartile Analysis from Current Report where: Below Normal=below median, Above Normal= above median, Elevated=above 3<sup>rd</sup> quartile and Very Elevated=Above Maximum.

**Missouri Department of Health and Senior Services (DHSS)  
Weekly Communicable Disease Report  
Year-to-Date Rates for Week 50, 2016**

<i>Disease or Condition</i>	<i>Rate</i> <sup>1</sup>	<i>Relative Rate</i> <sup>2,3,4</sup>
<i>Animal Bites</i>	187.13	1.48
<i>Ehrlichia chaffeensis</i>	12.48	3.06
<i>Hepatitis B (Pregnancy) Prenatal</i>	12.48	7.12
<i>Hepatitis B Chronic Infection</i>	12.48	1.74
<i>Hepatitis C, Chronic Infection</i>	62.38	0.74
<i>Meningococcal Disease</i>	12.48	174.50
<i>Pertussis</i>	37.43	6.75
<i>Rocky Mountain Spotted Fever</i>	62.38	9.78
<i>Salmonellosis</i>	24.95	1.41
<i>Strep Pneumoniae, Drug-Resistant</i>	12.48	2.70
<i>Tb Infection</i>	12.48	0.25
<i>Varicella (Chickenpox)</i>	24.95	9.43

<sup>1</sup> Rates are Year-to-Date Counts per 100,000 population for Week 50, 2016

<sup>2</sup> The relative rate is computed as the county or district rate divided by the overall state rate

<sup>3</sup> Relative rate between 2.0 and 3.0

<sup>4</sup> Relative rate above 3.0

*Weekly Communicable Disease Reports*

*4-week Count Mean Z-Scores for Week 50, 2016*

*(Z-Scores greater than 2.0)*

**Daviess County**