

Missouri Department of Health and Senior  
Services (DHSS)

Weekly Communicable Disease Report  
for the

**Carter County**

Missouri Department of Health and Senior Services (DHSS)

**Weekly Communicable Disease Report**

for the

**Carter 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**

**Carter 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	2	2	2	No Data	3	No Data	0.0%	( 29.0%)	33.66	0.27	10	17
Ehrlichia chaffeensis	2	2	2	1	2	2	0.0%	0.0%	33.66	8.26	31	35
Hepatitis B Chronic Infection	1	1	1	1	1	1	0.0%	0.0%	16.83	2.35	32	32
Hepatitis C, Chronic Infection	6	6	5	5	6	6	0.0%	0.0%	100.99	1.20	8	49
Salmonellosis	6	6	6	1	2	3	0.0%	300.0%	100.99	5.71	35	38
Tb Infection	1	1	1	No Data	0	No Data	0.0%	0.0%	16.83	0.34	17	17

<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**

**Carter County**

<i>Disease or Condition</i>	<i>Data Status</i> <sup>1,2</sup>	<sup>1st</sup> <i>Week Reported Current Report</i>	<sup>1st</sup> <i>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	10	10	0	Below Median	Below Median	Flat	Below Normal
Ehrlichia chaffeensis	Old	31	31	0	Below Median	Below Median	Flat	Below Normal
Hepatitis B Chronic Infection	Old	32	32	0	Below Median	Below Median	Flat	Below Normal
Hepatitis C, Chronic Infection	Old	8	8	1	Below Median	Below Median	Increase	Below Normal
Salmonellosis	Old	35	35	0	Above Maximum	Above Maximum	Flat	Very Elevated
Tb Infection	Old	17	17	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>	33.66	0.27
<i>Ehrlichia chaffeensis</i>	33.66	8.26
<i>Hepatitis B Chronic Infection</i>	16.83	2.35
<i>Hepatitis C, Chronic Infection</i>	100.99	1.20
<i>Salmonellosis</i>	100.99	5.71
<i>Tb Infection</i>	16.83	0.34

<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)

**Carter County**