

Missouri Department of Health and Senior  
Services (DHSS)

Weekly Communicable Disease Report  
for the

**Hickory County**

Missouri Department of Health and Senior Services (DHSS)

**Weekly Communicable Disease Report**

for the

**Hickory 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**

**Hickory 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	7	7	7	No Data	9	No Data	0.0%	( 18.1%)	78.30	0.62	8	48
Campylobacteriosis	1	1	1	1	1	1	0.0%	0.0%	11.19	0.48	29	29
Cryptosporidiosis	2	2	2	1	1	1	0.0%	100.0%	22.37	3.11	12	48
Ehrlichia chaffeensis	1	1	1	2	3	5	0.0%	( 66.7%)	11.19	2.75	24	24
Hemolytic Uremic Syndrome	1	1	1	No Data	0	No Data	0.0%	0.0%	11.19	34.77	36	36
Hepatitis C, Chronic Infection	5	5	5	7	7	10	0.0%	( 28.6%)	55.93	0.66	4	41
Influenza	6	6	5	No Data	1	No Data	0.0%	500.0%	67.11	4.94	43	49
Legionellosis	1	1	1	No Data	0	No Data	0.0%	0.0%	11.19	4.12	38	38
Rabies Post Exposure Prophylaxis	1	1	1	No Data	1	No Data	0.0%	0.0%	11.19	1.22	35	35
Rocky Mountain Spotted Fever	4	4	4	2	2	4	0.0%	100.0%	44.74	7.01	18	41
Strep Pneumoniae, Drug-Resistant	2	2	2	1	1	1	0.0%	100.0%	22.37	4.83	18	48
Tb Infection	2	2	2	2	3	3	0.0%	( 20.0%)	22.37	0.45	21	23
Tularemia	1	1	1	2	2	2	0.0%	( 50.0%)	11.19	14.55	21	21

<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**

**Hickory 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	8	8	0	Below Median	Below Median	Flat	Below Normal
Campylobacteriosis	Old	29	29	0	Below Median	Below Median	Flat	Below Normal
Cryptosporidiosis	Old	12	12	0	Above Maximum	Above Maximum	Flat	Very Elevated
Ehrlichia chaffeensis	Old	24	24	0	Below Median	Below Median	Flat	Below Normal
Hemolytic Uremic Syndrome	Old	36	36	0	Above Median	Above Median	Flat	Above Normal
Hepatitis C, Chronic Infection	Old	4	4	0	Below Median	Below Median	Flat	Below Normal
Influenza	Old	43	43	1	Above Median	Above Median	Increase	Above Normal
Legionellosis	Old	38	38	0	Above Median	Above Median	Flat	Above Normal
Rabies Post Exposure Prophylaxis	Old	35	35	0	Below Median	Below Median	Flat	Below Normal
Rocky Mountain Spotted Fever	Old	18	18	0	Above 3 <sup>rd</sup> Quartile	Above 3 <sup>rd</sup> Quartile	Flat	Elevated
Strep Pneumoniae, Drug-Resistant	Old	18	18	1	Above Maximum	Below Median	Increase	Very Elevated
Tb Infection	Old	21	21	0	Below Median	Below Median	Flat	Below Normal
Tularemia	Old	21	21	0	Below Median	Below Median	Flat	Below 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>	78.30	0.62
<i>Campylobacteriosis</i>	11.19	0.48
<i>Cryptosporidiosis</i>	22.37	3.11
<i>Ehrlichia chaffeensis</i>	11.19	2.75
<i>Hemolytic Uremic Syndrome</i>	11.19	34.77
<i>Hepatitis C, Chronic Infection</i>	55.93	0.66
<i>Influenza</i>	67.11	4.94
<i>Legionellosis</i>	11.19	4.12
<i>Rabies Post Exposure Prophylaxis</i>	11.19	1.22
<i>Rocky Mountain Spotted Fever</i>	44.74	7.01
<i>Strep Pneumoniae, Drug-Resistant</i>	22.37	4.83
<i>Tb Infection</i>	22.37	0.45
<i>Tularemia</i>	11.19	14.55

<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)*

***Hickory County***