

Missouri Department of Health and Senior  
Services (DHSS)

Weekly Communicable Disease Report  
for the

**Howard County**

Missouri Department of Health and Senior Services (DHSS)

**Weekly Communicable Disease Report**

for the

**Howard 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**

**Howard County**

<b>Disease or Condition</b>	<b>Week 50 YTD<sup>1</sup></b>	<b>Week 49 YTD<sup>1</sup></b>	<b>Week 48 YTD<sup>1</sup></b>	<b>Five Year 1<sup>st</sup> Quartile</b>	<b>Five Year Median</b>	<b>Five Year 3<sup>rd</sup> Quartile</b>	<b>Change from Week 49 to Week 50</b>	<b>Change from Week 50 to 5-Year Median</b>	<b>Rate per 100,000 Week 50</b>	<b>Relative Rate Week 50</b>	<b>First Week Reported<sup>2</sup></b>	<b>Last Week Reported<sup>2</sup></b>
Animal Bites	13	13	13	No Data	11	No Data	0.0%	20.9%	127.30	1.01	1	33
Cryptosporidiosis	1	1	1	1	2	2	0.0%	( 33.3%)	9.79	1.36	25	25
E Coli Shiga Toxin Positive	1	1	1	2	2	2	0.0%	( 50.0%)	9.79	2.90	35	35
Giardiasis	1	1	1	1	1	2	0.0%	0.0%	9.79	1.70	30	30
Hepatitis B Chronic Infection	1	1	1	No Data	0	No Data	0.0%	0.0%	9.79	1.37	18	18
Hepatitis C, Chronic Infection	1	1	1	2	3	3	0.0%	( 60.0%)	9.79	0.12	25	25
Influenza	1	1	1	No Data	3	No Data	0.0%	( 62.5%)	9.79	0.72	43	43
Rabies Post Exposure Prophylaxis	1	1	1	No Data	3	No Data	0.0%	( 60.0%)	9.79	1.06	20	20
Rocky Mountain Spotted Fever	1	1	1	1	2	3	0.0%	( 50.0%)	9.79	1.53	30	30
Salmonellosis	1	1	1	3	4	5	0.0%	( 71.4%)	9.79	0.55	46	46
Tb Infection	1	1	1	2	2	3	0.0%	( 50.0%)	9.79	0.20	8	8
Varicella (Chickenpox)	1	1	1	No Data	4	No Data	0.0%	( 75.0%)	9.79	3.70	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**

**Howard 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	1	1	0	Above Median	Above Median	Flat	Above Normal
Cryptosporidiosis	Old	25	25	0	Below Median	Below Median	Flat	Below Normal
E Coli Shiga Toxin Positive	Old	35	35	0	Below Median	Below Median	Flat	Below Normal
Giardiasis	Old	30	30	0	Below Median	Below Median	Flat	Below Normal
Hepatitis B Chronic Infection	Old	18	18	0	Above Median	Above Median	Flat	Above Normal
Hepatitis C, Chronic Infection	Old	25	25	0	Below Median	Below Median	Flat	Below Normal
Influenza	Old	43	43	0	Below Median	Below Median	Flat	Below Normal
Rabies Post Exposure Prophylaxis	Old	20	20	0	Below Median	Below Median	Flat	Below Normal
Rocky Mountain Spotted Fever	Old	30	30	0	Below Median	Below Median	Flat	Below Normal
Salmonellosis	Old	46	46	0	Below Median	Below Median	Flat	Below Normal
Tb Infection	Old	8	8	0	Below Median	Below Median	Flat	Below Normal
Varicella (Chickenpox)	Old	17	17	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>	127.30	1.01
<i>Cryptosporidiosis</i>	9.79	1.36
<i>E Coli Shiga Toxin Positive</i>	9.79	2.90
<i>Giardiasis</i>	9.79	1.70
<i>Hepatitis B Chronic Infection</i>	9.79	1.37
<i>Hepatitis C, Chronic Infection</i>	9.79	0.12
<i>Influenza</i>	9.79	0.72
<i>Rabies Post Exposure Prophylaxis</i>	9.79	1.06
<i>Rocky Mountain Spotted Fever</i>	9.79	1.53
<i>Salmonellosis</i>	9.79	0.55
<i>Tb Infection</i>	9.79	0.20
<i>Varicella (Chickenpox)</i>	9.79	3.70

<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)*

**Howard County**