

Missouri Department of Health and Senior
Services (DHSS)

Weekly Communicable Disease Report
for the

Moniteau County

Missouri Department of Health and Senior Services (DHSS)

Weekly Communicable Disease Report

for the

Moniteau 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
Moniteau County

Disease or Condition	Week 50 YTD¹	Week 49 YTD¹	Week 48 YTD¹	Five Year 1st Quartile	Five Year Median	Five Year 3rd Quartile	Change from Week 49 to Week 50	Change from Week 50 to 5-Year Median	Rate per 100,000 Week 50	Relative Rate Week 50	First Week Reported²	Last Week Reported²
Animal Bites	14	14	14	No Data	17	No Data	0.0%	(17.6%)	94.42	0.75	3	33
Campylobacteriosis	2	2	2	2	3	5	0.0%	(33.3%)	13.49	0.58	4	4
Cryptosporidiosis	2	2	2	1	2	3	0.0%	33.3%	13.49	1.87	30	31
E Coli Shiga Toxin Positive	7	7	7	1	2	3	0.0%	250.0%	47.21	13.98	20	42
E. Coli O157 H7	2	2	2	2	2	2	0.0%	0.0%	13.49	5.72	24	30
Ehrlichia chaffeensis	2	2	2	1	2	2	0.0%	33.3%	13.49	3.31	36	38
Giardiasis	1	1	1	1	1	2	0.0%	0.0%	6.74	1.17	20	20
Hepatitis B Chronic Infection	3	3	3	1	1	2	0.0%	200.0%	20.23	2.82	20	48
Hepatitis C, Chronic Infection	7	7	7	5	6	10	0.0%	16.7%	47.21	0.56	11	41
Influenza	2	1	1	No Data	9	No Data	100.0%	(77.8%)	13.49	0.99	47	50
Pertussis	2	2	2	1	1	1	0.0%	100.0%	13.49	2.43	15	45
Rabies Post Exposure Prophylaxis	1	1	1	No Data	4	No Data	0.0%	(71.4%)	6.74	0.73	4	4
Rocky Mountain Spotted Fever	7	7	7	1	1	2	0.0%	600.0%	47.21	7.40	20	34
Salmonellosis	6	6	6	2	3	4	0.0%	100.0%	40.47	2.29	5	46
Shigellosis	55	55	55	No Data	0	No Data	0.0%	0.0%	370.94	26.04	15	30
Strep Disease, Group A Invasive	1	1	1	1	1	1	0.0%	0.0%	6.74	3.12	6	6
Strep Pneumoniae, Drug-Resistant	1	1	1	No Data	0	No Data	0.0%	0.0%	6.74	1.46	35	35
Tb Infection	3	3	3	2	2	2	0.0%	50.0%	20.23	0.41	9	33
Varicella (Chickenpox)	1	1	1	No Data	2	No Data	0.0%	(50.0%)	6.74	2.55	9	9
Yersiniosis	1	1	1	No Data	0	No Data	0.0%	0.0%	6.74	14.51	41	41

¹ **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.

² **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
Moniteau County

Disease or Condition	Data Status ^{1,2}	1 st Week Reported Current Report	1 st Week Reported Last Report	Change in Count	Week 50 Quartile Results ³	Week 49 Quartile Results ⁴	Data Trend Analysis ⁵	Data Elevation Analysis ⁶
Animal Bites	Old	3	3	0	Below Median	Below Median	Flat	Below Normal
Campylobacteriosis	Old	4	4	0	Below Median	Below Median	Flat	Below Normal
Cryptosporidiosis	Old	30	30	0	Above Median	Above Median	Flat	Above Normal
E Coli Shiga Toxin Positive	Old	20	20	0	Above Maximum	Above Maximum	Flat	Very Elevated
E. Coli O157 H7	Old	24	24	0	Below Median	Below Median	Flat	Below Normal
Ehrlichia chaffeensis	Old	36	36	0	Above Median	Above Median	Flat	Above Normal
Giardiasis	Old	20	20	0	Below Median	Below Median	Flat	Below Normal
Hepatitis B Chronic Infection	Old	20	20	0	Above Maximum	Above Maximum	Flat	Very Elevated
Hepatitis C, Chronic Infection	Old	11	11	0	Above Median	Above Median	Flat	Above Normal
Influenza	Old	47	47	1	Below Median	Below Median	Increase	Below Normal
Pertussis	Old	15	15	0	Above Maximum	Above Maximum	Flat	Very Elevated
Rabies Post Exposure Prophylaxis	Old	4	4	0	Below Median	Below Median	Flat	Below Normal
Rocky Mountain Spotted Fever	Old	20	20	0	Above Maximum	Above Maximum	Flat	Very Elevated
Salmonellosis	Old	5	5	0	Above Maximum	Above Maximum	Flat	Very Elevated
Shigellosis	Old	15	15	0	Above Median	Above Median	Flat	Above Normal
Strep Disease, Group A Invasive	Old	6	6	0	Below Median	Below Median	Flat	Below Normal
Strep Pneumoniae, Drug-Resistant	Old	35	35	0	Above Median	Above Median	Flat	Above Normal
Tb Infection	Old	9	9	0	Above 3 rd Quartile	Above 3 rd Quartile	Flat	Elevated
Varicella (Chickenpox)	Old	9	9	0	Below Median	Above Median	Flat	Below Normal
Yersiniosis	Old	41	41	0	Above Median	Above Median	Flat	Above Normal

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

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

³ Week 50 Quartile Results are from the Current Report

⁴ Week 49 Quartile Results are from the Last Report

⁵ Based on Change in Count Current Report vs Last Report

⁶ Based on Quartile Analysis from Current Report where: Below Normal=below median, Above Normal= above median, Elevated=above 3rd 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> ¹	<i>Relative Rate</i> ^{2,3,4}
<i>Animal Bites</i>	94.42	0.75
<i>Campylobacteriosis</i>	13.49	0.58
<i>Cryptosporidiosis</i>	13.49	1.87
<i>E Coli Shiga Toxin Positive</i>	47.21	13.98
<i>E. Coli O157 H7</i>	13.49	5.72
<i>Ehrlichia chaffeensis</i>	13.49	3.31
<i>Giardiasis</i>	6.74	1.17
<i>Hepatitis B Chronic Infection</i>	20.23	2.82
<i>Hepatitis C, Chronic Infection</i>	47.21	0.56
<i>Influenza</i>	13.49	0.99
<i>Pertussis</i>	13.49	2.43
<i>Rabies Post Exposure Prophylaxis</i>	6.74	0.73
<i>Rocky Mountain Spotted Fever</i>	47.21	7.40
<i>Salmonellosis</i>	40.47	2.29
<i>Shigellosis</i>	370.94	26.04
<i>Strep Disease, Group A Invasive</i>	6.74	3.12
<i>Strep Pneumoniae, Drug-Resistant</i>	6.74	1.46
<i>Tb Infection</i>	20.23	0.41
<i>Varicella (Chickenpox)</i>	6.74	2.55
<i>Yersiniosis</i>	6.74	14.51

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

² The relative rate is computed as the county or district rate divided by the overall state rate

³ Relative rate between 2.0 and 3.0

⁴ Relative rate above 3.0

Moniteau County