

Missouri Department of Health and Senior
Services (DHSS)

Weekly Communicable Disease Report
for the

Clinton County

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for the

Clinton 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

Clinton County

<i>Disease or Condition</i>	<i>Week 50 YTD¹</i>	<i>Week 49 YTD¹</i>	<i>Week 48 YTD¹</i>	<i>Five Year 1st Quartile</i>	<i>Five Year Median</i>	<i>Five Year 3rd 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 Reported²</i>	<i>Last Week Reported²</i>
Animal Bites	32	32	32	No Data	20	No Data	0.0%	62.0%	168.61	1.33	5	46
Campylobacteriosis	10	10	10	2	5	5	0.0%	100.0%	52.69	2.28	2	42
Cryptosporidiosis	2	2	2	2	2	2	0.0%	0.0%	10.54	1.46	22	37
Ehrlichiosis or Anaplasmosis, Undetermined	1	1	1	No Data	1	No Data	0.0%	0.0%	5.27	32.76	26	26
Giardiasis	1	1	1	1	2	3	0.0%	(50.0%)	5.27	0.91	24	24
Hepatitis C, Chronic Infection	10	10	10	8	11	12	0.0%	(9.1%)	52.69	0.62	7	44
Influenza	8	7	7	No Data	13	No Data	14.3%	(38.5%)	42.15	3.10	41	50
Pertussis	1	1	1	1	1	1	0.0%	0.0%	5.27	0.95	32	32
Rocky Mountain Spotted Fever	1	1	1	2	3	3	0.0%	(66.7%)	5.27	0.83	37	37
Salmonellosis	3	3	3	4	5	5	0.0%	(40.0%)	15.81	0.89	31	46
Tularemia	1	1	1	1	1	1	0.0%	0.0%	5.27	6.86	5	5
Varicella (Chickenpox)	1	1	1	No Data	2	No Data	0.0%	(42.9%)	5.27	1.99	25	25

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

Clinton County

Disease or Condition	Data Status^{1,2}	1st Week Reported Current Report	1st Week Reported Last Report	Change in Count	Week 50 Quartile Results³	Week 49 Quartile Results⁴	Data Trend Analysis⁵	Data Elevation Analysis⁶
Animal Bites	Old	5	5	0	Above Median	Above Median	Flat	Above Normal
Campylobacteriosis	Old	2	2	0	Above Maximum	Above Maximum	Flat	Very Elevated
Cryptosporidiosis	Old	22	22	0	Below Median	Below Median	Flat	Below Normal
Ehrlichiosis or Anaplasmosis, Undetermined	Old	26	26	0	Below Median	Below Median	Flat	Below Normal
Giardiasis	Old	24	24	0	Below Median	Below Median	Flat	Below Normal
Hepatitis C, Chronic Infection	Old	7	7	0	Below Median	Below Median	Flat	Below Normal
Influenza	Old	41	41	1	Below Median	Above Median	Increase	Below Normal
Pertussis	Old	32	32	0	Below Median	Below Median	Flat	Below Normal
Rocky Mountain Spotted Fever	Old	37	37	0	Below Median	Below Median	Flat	Below Normal
Salmonellosis	Old	31	31	0	Below Median	Below Median	Flat	Below Normal
Tularemia	Old	5	5	0	Below Median	Below Median	Flat	Below Normal
Varicella (Chickenpox)	Old	25	25	0	Below Median	Below Median	Flat	Below 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>	168.61	1.33
<i>Campylobacteriosis</i>	52.69	2.28
<i>Cryptosporidiosis</i>	10.54	1.46
<i>Ehrlichiosis or Anaplasmosis, Undetermined</i>	5.27	32.76
<i>Giardiasis</i>	5.27	0.91
<i>Hepatitis C, Chronic Infection</i>	52.69	0.62
<i>Influenza</i>	42.15	3.10
<i>Pertussis</i>	5.27	0.95
<i>Rocky Mountain Spotted Fever</i>	5.27	0.83
<i>Salmonellosis</i>	15.81	0.89
<i>Tularemia</i>	5.27	6.86
<i>Varicella (Chickenpox)</i>	5.27	1.99

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

Missouri Department of Health and Senior Services (DHSS)
Weekly Communicable Disease Reports
Comparison of 4-week Count Mean for Week 50, 2016 with Historical Limits

Clinton County

<i>Disease or Condition</i>	<i>Analysis Results ¹</i>	<i>4-week Count Mean for Week 50 ²</i>	<i>Upper Limit for Week 50 ³</i>	<i>4-week Count Mean for Week 49 ²</i>	<i>Upper Limit for Week 49 ³</i>	<i>4-week Count Mean for Week 48 ²</i>	<i>Upper Limit for Week 48 ³</i>
Hepatitis C, Chronic Infection		0.0	0.6	0.0	0.7	0.0	0.7

¹ **Analysis Results Legend for Week 50:**

The 4-week Count mean is between the Historical Mean and the Historical Mean plus 1 Std. Dev.

The 4-week Count mean is between the Historical Mean plus 1 Std. Dev. and the Historical Mean plus 2 Std. Dev.

The 4-week Count mean is between the Historical Mean plus 2 Std. Dev. and the Historical Mean plus 3 Std. Dev.

The 4-week Count mean is above the Historical Mean plus 3 Std. Dev.

² **4-week Count mean based on the current and 3 previous weeks.**

³ **The Historical Count mean plus two standard deviations based on the current week, 7 previous weeks and 4 subsequents or leading weeks for the past five years.**

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