

Missouri Department of Health and Senior
Services (DHSS)

Weekly Communicable Disease Report
for the

Crawford County

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for the

Crawford 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**

Crawford 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	13	13	13	No Data	17	No Data	0.0%	(23.2%)	57.01	0.45	9	37
Campylobacteriosis	3	3	3	2	4	5	0.0%	(25.0%)	13.16	0.57	32	33
Cryptosporidiosis	2	2	2	1	2	3	0.0%	0.0%	8.77	1.22	29	34
E Coli Shiga Toxin Positive	1	1	1	1	2	2	0.0%	(33.3%)	4.39	1.30	2	2
E. Coli O157 H7	1	1	1	1	1	1	0.0%	0.0%	4.39	1.86	28	28
Giardiasis	1	1	1	1	2	3	0.0%	(50.0%)	4.39	0.76	32	32
Hepatitis C, Chronic Infection	49	49	49	20	24	36	0.0%	104.2%	214.87	2.54	2	47
Legionellosis	1	1	1	No Data	0	No Data	0.0%	0.0%	4.39	1.61	34	34
Rabies Animal	1	1	1	1	1	1	0.0%	0.0%	4.39	9.44	35	35
Rabies Post Exposure Prophylaxis	5	5	5	No Data	3	No Data	0.0%	81.8%	21.93	2.38	12	35
Rocky Mountain Spotted Fever	1	1	1	1	1	1	0.0%	0.0%	4.39	0.69	31	31
Salmonellosis	3	3	3	2	2	2	0.0%	50.0%	13.16	0.74	16	41
Strep Disease, Group A Invasive	1	0	0	1	1	2	0.0%	0.0%	4.39	2.03	50	50
Tb Infection	3	3	3	2	3	4	0.0%	0.0%	13.16	0.27	12	48

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

Crawford County

<i>Disease or Condition</i>	<i>Data Status</i> ^{1,2}	<i>1st Week Reported Current Report</i>	<i>1st Week Reported Last Report</i>	<i>Change in Count</i>	<i>Week 50 Quartile Results</i> ³	<i>Week 49 Quartile Results</i> ⁴	<i>Data Trend Analysis</i> ⁵	<i>Data Elevation Analysis</i> ⁶
Animal Bites	Old	9	9	0	Below Median	Below Median	Flat	Below Normal
Campylobacteriosis	Old	32	32	0	Below Median	Below Median	Flat	Below Normal
Cryptosporidiosis	Old	29	29	0	Below Median	Below Median	Flat	Below Normal
E Coli Shiga Toxin Positive	Old	2	2	0	Below Median	Below Median	Flat	Below Normal
E. Coli O157 H7	Old	28	28	0	Below Median	Below Median	Flat	Below Normal
Giardiasis	Old	32	32	0	Below Median	Below Median	Flat	Below Normal
Hepatitis C, Chronic Infection	Old	2	2	0	Above Maximum	Above Maximum	Flat	Very Elevated
Legionellosis	Old	34	34	0	Above Median	Above Median	Flat	Above Normal
Rabies Animal	Old	35	35	0	Below Median	Below Median	Flat	Below Normal
Rabies Post Exposure Prophylaxis	Old	12	12	0	Above Median	Above Median	Flat	Above Normal
Rocky Mountain Spotted Fever	Old	31	31	0	Below Median	Below Median	Flat	Below Normal
Salmonellosis	Old	16	16	0	Above Maximum	Above Maximum	Flat	Very Elevated
Strep Disease, Group A Invasive	New	50		1	Below Median	Below Median	Increase	Below Normal
Tb Infection	Old	12	12	1	Below Median	Below Median	Increase	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>	57.01	0.45
<i>Campylobacteriosis</i>	13.16	0.57
<i>Cryptosporidiosis</i>	8.77	1.22
<i>E Coli Shiga Toxin Positive</i>	4.39	1.30
<i>E. Coli O157 H7</i>	4.39	1.86
<i>Giardiasis</i>	4.39	0.76
<i>Hepatitis C, Chronic Infection</i>	214.87	2.54
<i>Legionellosis</i>	4.39	1.61
<i>Rabies Animal</i>	4.39	9.44
<i>Rabies Post Exposure Prophylaxis</i>	21.93	2.38
<i>Rocky Mountain Spotted Fever</i>	4.39	0.69
<i>Salmonellosis</i>	13.16	0.74
<i>Strep Disease, Group A Invasive</i>	4.39	2.03
<i>Tb Infection</i>	13.16	0.27

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

Crawford County

<i>Disease or Condition</i>	<i>Analysis Results¹</i>	<i>4-week Count Mean for Week 50²</i>	<i>Upper Limit for Week 50³</i>	<i>4-week Count Mean for Week 49²</i>	<i>Upper Limit for Week 49³</i>	<i>4-week Count Mean for Week 48²</i>	<i>Upper Limit for Week 48³</i>
Hepatitis C, Chronic Infection		0.3	0.8	0.3	0.8	0.8	0.8

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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