

Missouri Department of Health and Senior
Services (DHSS)

Weekly Communicable Disease Report
for the

Osage County

Missouri Department of Health and Senior Services (DHSS)

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for the

Osage 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

Osage 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	20	20	19	No Data	12	No Data	0.0%	64.4%	153.12	1.21	1	49
Campylobacteriosis	2	2	2	1	1	3	0.0%	100.0%	15.31	0.66	46	46
E Coli Shiga Toxin Positive	1	1	1	1	2	2	0.0%	(33.3%)	7.66	2.27	14	14
Ehrlichiosis or Anaplasmosis, Undetermined	1	1	1	No Data	1	No Data	0.0%	0.0%	7.66	47.60	34	34
Hepatitis C, Chronic Infection	3	3	3	5	6	7	0.0%	(50.0%)	22.97	0.27	2	12
Influenza	4	4	4	No Data	9	No Data	0.0%	(52.9%)	30.62	2.25	47	47
Pertussis	4	4	4	1	2	2	0.0%	166.7%	30.62	5.53	7	7
Rabies Post Exposure Prophylaxis	1	1	1	No Data	3	No Data	0.0%	(66.7%)	7.66	0.83	37	37
Rocky Mountain Spotted Fever	11	11	11	2	4	6	0.0%	175.0%	84.21	13.20	18	45
Salmonellosis	4	4	4	2	4	4	0.0%	0.0%	30.62	1.73	13	27
Tb Infection	1	1	1	1	2	3	0.0%	(33.3%)	7.66	0.15	43	43

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**

Osage 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	1	1	1	Above Median	Above Median	Increase	Above Normal
Campylobacteriosis	Old	46	46	0	Above Median	Above Median	Flat	Above Normal
E Coli Shiga Toxin Positive	Old	14	14	0	Below Median	Below Median	Flat	Below Normal
Ehrlichiosis or Anaplasmosis, Undetermined	Old	34	34	0	Below Median	Below Median	Flat	Below Normal
Hepatitis C, Chronic Infection	Old	2	2	0	Below Median	Below Median	Flat	Below Normal
Influenza	Old	47		4	Below Median	Below Median	Increase	Below Normal
Pertussis	Old	7	7	0	Above Maximum	Above Maximum	Flat	Very Elevated
Rabies Post Exposure Prophylaxis	Old	37	37	0	Below Median	Below Median	Flat	Below Normal
Rocky Mountain Spotted Fever	Old	18	18	0	Above Maximum	Above Maximum	Flat	Very Elevated
Salmonellosis	Old	13	13	0	Below Median	Below Median	Flat	Below Normal
Tb Infection	Old	43	43	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>	153.12	1.21
<i>Campylobacteriosis</i>	15.31	0.66
<i>E Coli Shiga Toxin Positive</i>	7.66	2.27
<i>Ehrlichiosis or Anaplasmosis, Undetermined</i>	7.66	47.60
<i>Hepatitis C, Chronic Infection</i>	22.97	0.27
<i>Influenza</i>	30.62	2.25
<i>Pertussis</i>	30.62	5.53
<i>Rabies Post Exposure Prophylaxis</i>	7.66	0.83
<i>Rocky Mountain Spotted Fever</i>	84.21	13.20
<i>Salmonellosis</i>	30.62	1.73
<i>Tb Infection</i>	7.66	0.15

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

Weekly Communicable Disease Reports

4-week Count Mean Z-Scores for Week 50, 2016

(Z-Scores greater than 2.0)

Osage County