

Missouri Department of Health and Senior
Services (DHSS)

Weekly Communicable Disease Report
for the

Perry County

Missouri Department of Health and Senior Services (DHSS)

Weekly Communicable Disease Report

for the

Perry 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

Perry 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	12	12	12	No Data	16	No Data	0.0%	(25.4%)	66.18	0.52	3	45
Campylobacteriosis	8	8	8	2	4	7	0.0%	100.0%	44.12	1.91	9	39
Ehrlichia chaffeensis	1	1	1	1	1	2	0.0%	0.0%	5.52	1.35	23	23
Giardiasis	1	1	1	1	1	3	0.0%	0.0%	5.52	0.96	22	22
Hepatitis C, Chronic Infection	11	11	11	5	6	7	0.0%	83.3%	60.67	0.72	8	47
Influenza	4	4	3	No Data	9	No Data	0.0%	(54.3%)	22.06	1.62	41	49
Legionellosis	2	2	2	No Data	0	No Data	0.0%	0.0%	11.03	4.06	22	22
Pertussis	1	1	1	No Data	0	No Data	0.0%	0.0%	5.52	1.00	23	23
Salmonellosis	7	7	7	2	3	3	0.0%	133.3%	38.61	2.18	13	46
Tb Infection	3	3	3	2	3	5	0.0%	0.0%	16.55	0.33	7	40
Vibriosis	1	1	1	No Data	0	No Data	0.0%	0.0%	5.52	51.43	40	40

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

Perry 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	3	3	0	Below Median	Below Median	Flat	Below Normal
Campylobacteriosis	Old	9	9	0	Above 3 rd Quartile	Above 3 rd Quartile	Flat	Elevated
Ehrlichia chaffeensis	Old	23	23	0	Below Median	Below Median	Flat	Below Normal
Giardiasis	Old	22	22	0	Below Median	Below Median	Flat	Below Normal
Hepatitis C, Chronic Infection	Old	8	8	0	Above 3 rd Quartile	Above 3 rd Quartile	Flat	Elevated
Influenza	Old	41	41	0	Below Median	Below Median	Flat	Below Normal
Legionellosis	Old	22	22	0	Above Median	Above Median	Flat	Above Normal
Pertussis	Old	23	23	0	Above Median	Above Median	Flat	Above Normal
Salmonellosis	Old	13	13	0	Above Maximum	Above Maximum	Flat	Very Elevated
Tb Infection	Old	7	7	0	Below Median	Below Median	Flat	Below Normal
Vibriosis	Old	40	40	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>	66.18	0.52
<i>Campylobacteriosis</i>	44.12	1.91
<i>Ehrlichia chaffeensis</i>	5.52	1.35
<i>Giardiasis</i>	5.52	0.96
<i>Hepatitis C, Chronic Infection</i>	60.67	0.72
<i>Influenza</i>	22.06	1.62
<i>Legionellosis</i>	11.03	4.06
<i>Pertussis</i>	5.52	1.00
<i>Salmonellosis</i>	38.61	2.18
<i>Tb Infection</i>	16.55	0.33
<i>Vibriosis</i>	5.52	51.43

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)

Perry County