Missouri Department of Health and Senior Services (DHSS)

Weekly Communicable Disease Report

for the

Sullivan County

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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

Sullivan County

Disease or Condition	Week 50 YTD[1]	Week 49 YTD[1]	Week 48 YTD[1]	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 Reported[2]	Last Week Reported[2]
Animal Bites	10	10	10	No Data	9	No Data	0.0%	9.1%	138.52	1.10	2	36
Hemolytic Uremic Syndrome	1	1	1	No Data	0	No Data	0.0%	0.0%	13.85	43.06	42	42
Hepatitis C, Chronic Infection	6	6	6	3	4	5	0.0%	50.0%	83.11	0.98	9	44
Influenza	2	2	2	No Data	7	No Data	0.0%	(70.0%)	27.70	2.04	45	45
Rabies Post Exposure Prophylasis	2	2	2	No Data	1	No Data	0.0%	60.0%	27.70	3.01	10	35
Rocky Mountain Spotted Fever	1	1	1	1	1	2	0.0%	0.0%	13.85	2.17	39	39
Salmonellosis	1	1	1	2	3	4	0.0%	(66.7%)	13.85	0.78	27	27
Tb Infection	5	5	3	3	3	3	0.0%	66.7%	69.26	1.40	1	49

[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

Sullivan County

Disease or Condition	Data Status [1,2]	1st Week Reported Current Report	1st 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	2	2	0	Above Median	Above Median	Flat	Above Normal
Hemolytic Uremic Syndrome	Old	42	42	0	Above Median	Above Median	Flat	Above Normal
Hepatitis C, Chronic Infection	Old	9	9	0	Above Maximum	Above Maximum	Flat	Very Elevated
Influenza	Old	45	45	0	Below Median	Below Median	Flat	Below Normal
Rabies Post Exposure Prophylasis	Old	10	10	0	Above Median	Above Median	Flat	Above Normal
Rocky Mountain Spotted Fever	Old	39	39	0	Below Median	Below Median	Flat	Below Normal
Salmonellosis	Old	27	27	0	Below Median	Below Median	Flat	Below Normal
Tb Infection	Old	1	1	1	Above Maximum	Above Maximum	Increase	Very Elevated

[1] *Data Status: Old=Continuing Occurence in 2016, New=First Occurence in 2016 and Out=Case was Removed from WEBSURV*

[2] *First Week Reported and/or First Occurence 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

Disease or Condition	Rate[1]	Relative Rate[2,3,4]
Animal Bites	138.52	1.10
Hemolytic Uremic Syndrome	13.85	43.06
Hepatitis C, Chronic Infection	83.11	0.98
Influenza	27.70	2.04
Rabies Post Exposure Prophylasis	27.70	3.01
Rocky Mountain Spotted Fever	13.85	2.17
Salmonellosis	13.85	0.78
Tb Infection	69.26	1.40

[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
4-week Count Mean Z-Scores for Week 50, 2016
(Z-Scores greater than 2.0)

Sullivan County