Missouri Department of Health and Senior Services (DHSS)

Weekly Communicable Disease Report

for the

Atchison 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

Atchison 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]
Hepatitis C, Chronic Infection	3	3	3	1	1	1	0.0%	200.0%	46.66	0.55	11	34

[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

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Disease or Condition Analysis
Relative to Last Report run on 12/13/2016 for Week 49, 2016

Atchison 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]
Hepatitis C, Chronic Infection	Old	11	11	0	Above Maximum	Above Maximum	Flat	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.

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Weekly Communicable Disease Report
Year-to-Date Rates for Week 50, 2016

Disease or Condition	Rate[1]	Relative Rate[2,3,4]
Hepatitis C, Chronic Infection	46.66	0.55

[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)

Atchison County