



# Missouri Weekly Influenza Report 2010-2011 Season<sup>1</sup>

**Missouri is reporting “No Activity” to the CDC for Week 41<sup>2</sup>.**

To view influenza maps click [here](#). Each map will give county data by placing the cursor over the county. To view progression maps of influenza throughout the state by jurisdiction click [here](#), or by rate click [here](#).

**Table 1. Reported Laboratory cases by sub-type for the Week ending October 16, 2010 (Week 41)**

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
<b>Week 41</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>9</b>

No PCR and/or culture confirmed cases have been reported for week 41.

Five specimens were received by the State Public Health Laboratory for viral testing during week 41; all were negative.

**Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending October 16, 2010 (Week 41)**

Influenza Type	2010-2011 Season	5-Season Median	% Change from 5-Season Median
<b>Influenza A</b>	<b>15</b>	<b>14</b>	<b>7.1%</b>
<b>Influenza B</b>	<b>3</b>	<b>3</b>	<b>0.0%</b>
<b>Influenza Unknown Or Untyped</b>	<b>0</b>	<b>1</b>	<b>(100.0%)</b>
<b>Total</b>	<b>18</b>	<b>18</b>	<b>0.0%</b>

**Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending October 16, 2010 (Week 41)**

Age Group	2010-2011 Season	5-Season Median
<b>00-&lt;02</b>	<b>2</b>	<b>1</b>
<b>02-04</b>	<b>0</b>	<b>2</b>
<b>05-14</b>	<b>3</b>	<b>2</b>
<b>15-24</b>	<b>3</b>	<b>1</b>
<b>25-49</b>	<b>7</b>	<b>5</b>
<b>50-64</b>	<b>2</b>	<b>2</b>
<b>65+</b>	<b>1</b>	<b>0</b>
<b>Total</b>	<b>18</b>	<b>18</b>

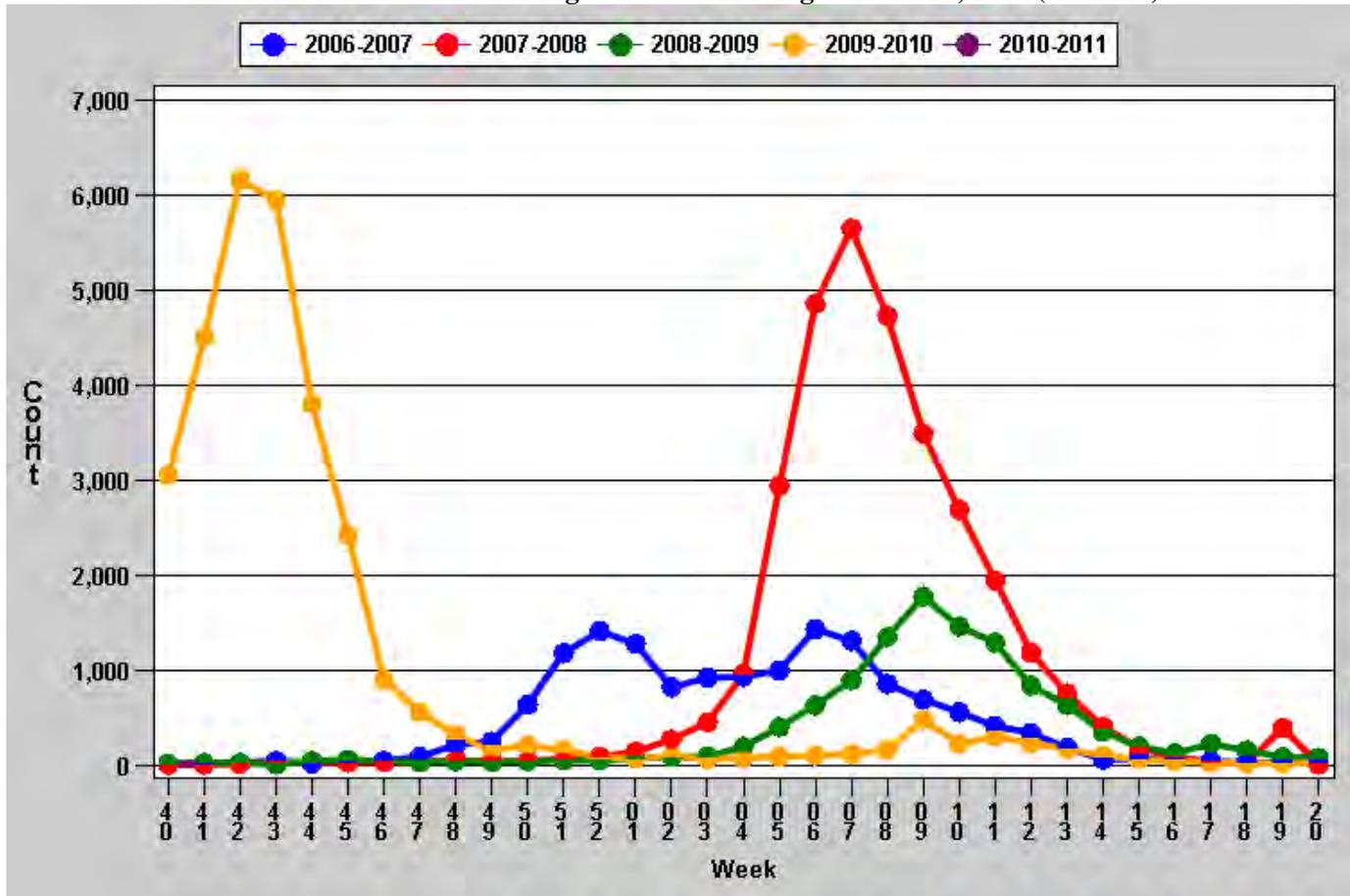
**Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending October 16, 2010 (Week 41)**

District	2010-2011 Season	5-Season Median
<b>CE</b>	<b>1</b>	<b>2</b>
<b>EA</b>	<b>5</b>	<b>3</b>
<b>NW</b>	<b>5</b>	<b>0</b>
<b>SE</b>	<b>0</b>	<b>0</b>
<b>SW</b>	<b>7</b>	<b>0</b>
<b>Total</b>	<b>18</b>	<b>18</b>

**Table 5. Deaths involving Pneumonia and Influenza (P&I)  
Reported During the Week Ending October 9, 2010 (Week 40)**

Week 40	Season-to-Date	Week 40 Last Season	5 Year Weekly Median
90	170	73	64

**Graph 1. Reported Influenza Cases 2010-2011 Season-To-Date as compared to the previous Four Influenza Seasons Through the Week Ending October 16, 2010 (Week 41)**



The number of reported influenza cases for week 41 of the 2010-2011 season is at historic levels.

**Outbreaks/Closures of Influenza-like Illness:** No school closings have been reported for week 41 of the current season; nine school closings were reported for this week last season. No outbreaks have been reported for week 41 of the current season; two outbreaks were reported for this week last season. No school closings or outbreaks have been reported season-to-date for the 2010-2011 season; 13 school closings and six outbreaks were reported for the same period (week 40-week 41) during the 2009-2010 season.

**Table 6. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County  
Influenza-like Illness (ILI) for the Week Ending October 16, 2010 (Week 41)**

Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain								
Boone	0	0	0	0	0	0	860	0.0
Buchanan								
Butler								
Callaway	1	1	2	0	0	4	159	2.52
Cape Girardeau	0	0	0	0	0	0	124	0.0
Clay								
Cole	6	5	5	0	0	16	677	2.36
Dallas	0	0	0	0	0	0	79	0.0
Franklin								
Greene								
Howell	2	11	2	0	0	15	218	6.88
Iron								
Jackson	11	12	11	3	1	38	2,888	1.32
Kansas City								
Knox								
Lawrence								
Marion	0	0	0	0	0	0	84	0.0
McDonald	0	0	0	1	0	1	455	0.22
Moniteau	0	0	0	0	0	0	132	0.0
Nodaway								
Pettis								
Phelps	0	3	0	0	0	3	302	0.99
Putnam								
Reynolds	0	1	0	0	0	1	53	1.89
Saline								
St. Clair	0	0	0	0	0	0	104	0.0
St. Louis County								
<b>State Total</b>	<b>20</b>	<b>33</b>	<b>20</b>	<b>4</b>	<b>1</b>	<b>78</b>	<b>6,135</b>	<b>1.27%</b>

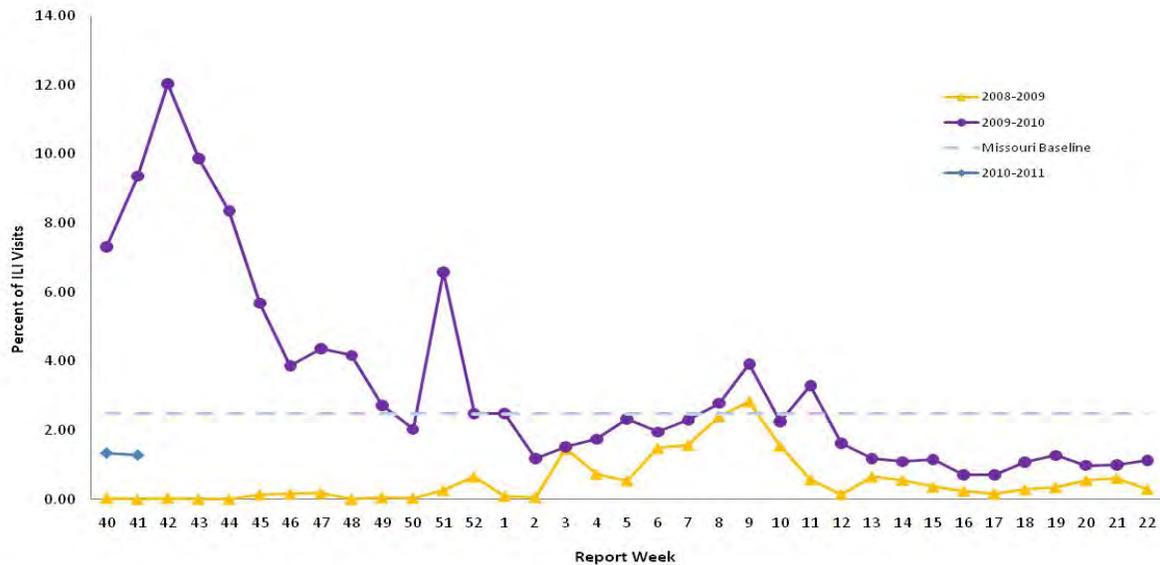
\*Only counties with sentinel provider(s) are listed above.

\*\*To learn about ILINet, view the following website: <http://www.cdc.gov/flu/weekly/fluactivity.htm>

\*\*\*This is **below** the national baseline of 2.5%.

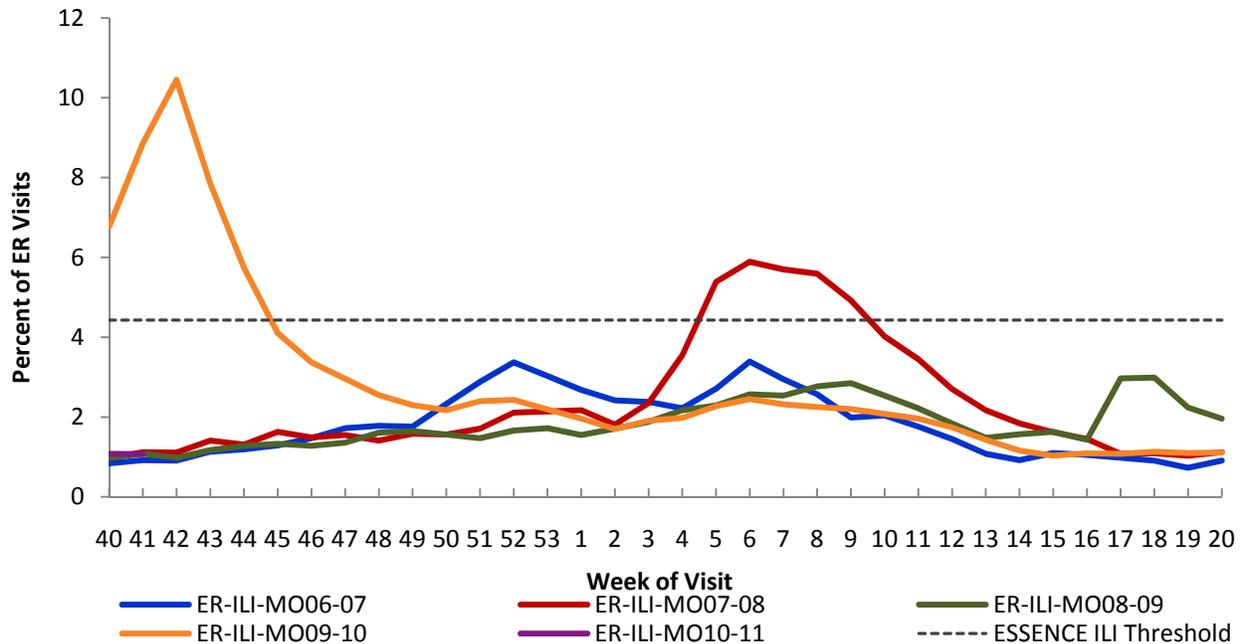
The state rate of 1.27% in week 41, is below Missouri's ILI baseline of 2.47%.

**Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2010-2011 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending October 16, 2010 (Week 41)**

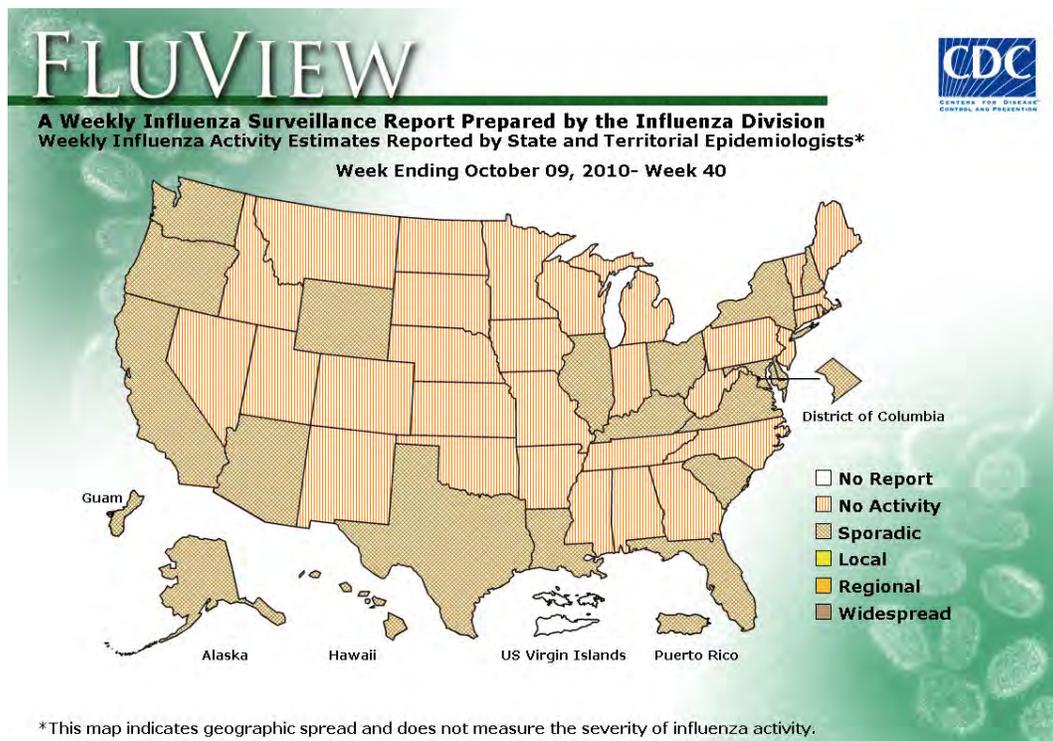


ILINet baseline refers to the mean plus two standard deviations of the values during previous influenza seasons (week 40-20).

**Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2006-2011 Influenza Seasons Through the Week Ending October 16, 2010 (Week 41)**



\*ESSENCE ILI Threshold refers to the mean plus 2 standard deviations of the values during previous influenza seasons (week 40-20, 2006-2007) when influenza activity was low.



For the week ending October 16, 2010 (week 41), Missouri reported **No Activity** influenza activity. No Activity is defined as no laboratory-confirmed cases of influenza and no reported increase in the number of cases of ILI.

For the week ending October 9, 2010 (week 40), Flu View reported no states with widespread, regional or local influenza activity. Nineteen states reported sporadic influenza activity and 31 states reported no activity. The influenza activity reported by state and territorial epidemiologists indicates geographic spread of influenza viruses, but does not measure the severity of influenza activity.

### Find Us on the Web

This report may also be found on the DHSS Internet at: <http://www.dhss.mo.gov/Influenza/index.html>.

National influenza surveillance information is available from the Centers for Disease Control and Prevention at: [www.cdc.gov/ncidod/diseases/flu/weekly.htm](http://www.cdc.gov/ncidod/diseases/flu/weekly.htm).

### Contact Us

The Missouri Department of Health and Senior Services after hours number for reporting disease cases and emergencies is **1-800-392-0272**.

<sup>1</sup>All data in this report are provisional and may change as reports are updated.

<sup>2</sup>Influenza activity codes are reported to CDC each Tuesday.

**Data Sources:** Laboratory-confirmed cases are reported to DHSS through the passive communicable disease surveillance system. Suspected influenza clusters and outbreaks are reported through the active surveillance system. Pneumonia and influenza deaths are reported through the DHSS Bureau of Vital Records. Influenza-like illness data by age category and total number of patient visits by week are reported voluntarily by participants in the U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet).