



Missouri Weekly Influenza Report 2010-2011 Season¹

Missouri is reporting “Widespread Activity” to the CDC for Week 6².

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 February 12, 2011 (Week 6)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 6	684	0	9	0	342	24	1,059

A total of eleven specimens were received by the State Public Health Laboratory for viral testing during week 6. Nine were positive for 2009 Influenza A (H1N1), one was positive for Influenza B, and one was negative for influenza.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending February 12, 2011 (Week 6)

Influenza Type	2010-2011 Season	5-Season Median	% Change from 5-Season Median
Influenza A	4,851	6,618	(26.7%)
Influenza B	1,359	472	187.9%
Influenza Unknown Or Untyped	212	2,316	(90.8%)
Total	6,422	9,983	(35.7%)

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending February 12, 2011 (Week 6)

Age Group	2010-2011 Season	5-Season Median	% Change from 5-Season Median
00-<02	565	999	(43.4%)
02-04	891	1,110	(19.7%)
05-14	1,866	2,016	(7.4%)
15-24	1,071	763	40.4%
25-49	1,399	1,088	28.6%
50-64	388	292	32.9%
65+	242	298	(18.8%)
Total	6,422	9,983	(35.7%)

Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending February 12, 2011 (Week 6)

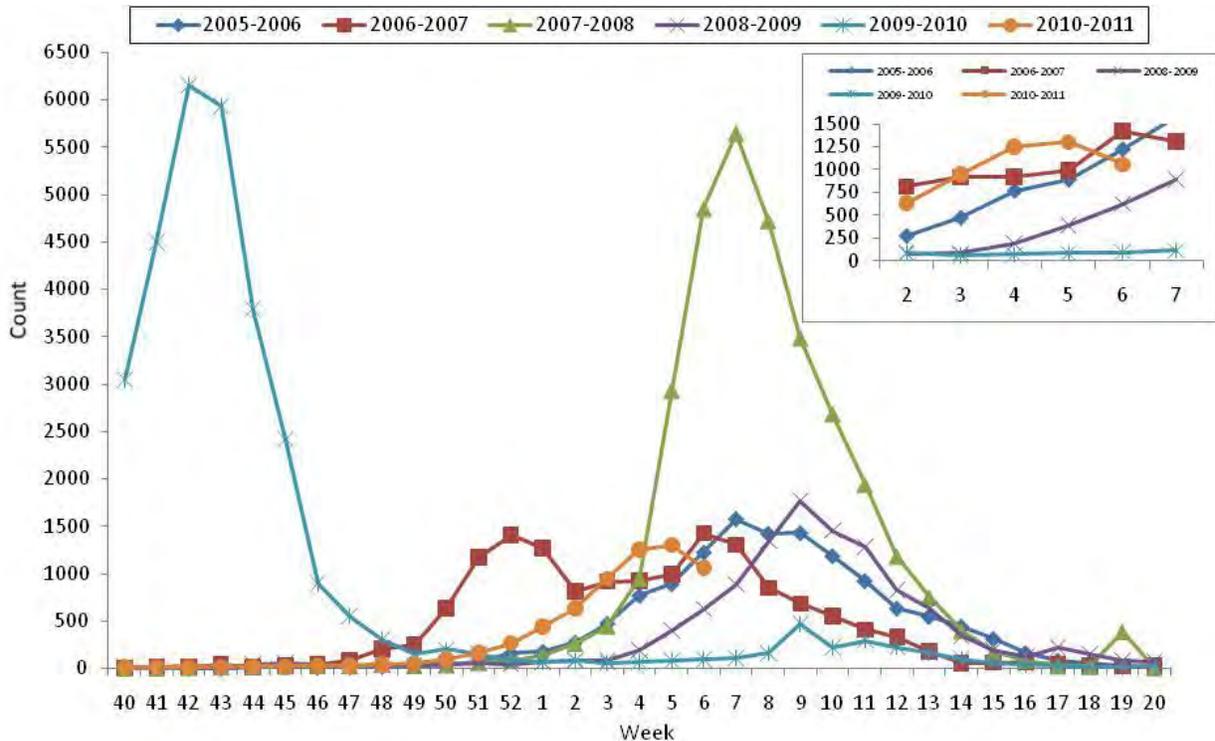
District	2010-2011 Season	5-Season Median	% Change from 5-Season Median
CE	559	1,384	(59.6%)
EA	2,422	2,598	(6.8%)
NW	967	1,747	(44.6%)
SE	1,159	868	33.5%
SW	1,314	1,264	4.0%
Total	6,422	9,983	(35.7%)

Table 5. Deaths involving Pneumonia and Influenza (P&I) Reported During the Week Ending February 5, 2011 (Week 5)

Week 5*	Season-to-Date 2010-2011	Season-to-Date 2009-2010	Week 5 Last Season	5 Year Weekly Median
23	1,532	1,254	65	113

* Due to inclement weather, data entry for P&I deaths was not completed during week 5.

Graph 1. Reported Influenza Cases 2010-2011 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending February 12, 2011 (Week 6)



The number of reported influenza cases for week 6 of the 2010-2011 season is at historical levels with the five previous seasons.

Table 6: Outbreaks/Closures Due to Influenza-like Illness

	Outbreaks		Closures	
	Current Season 2010-2011	Previous Season 2009-2010	Current Season 2010-2011	Previous Season 2009-2010
Week 6	2	0	0	0
Season-to-date (Week 40-Week 6)	2	13	0	57

**Table 7. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County
Influenza-like Illness (ILI) for the Week Ending February 12, 2011 (Week 6)**

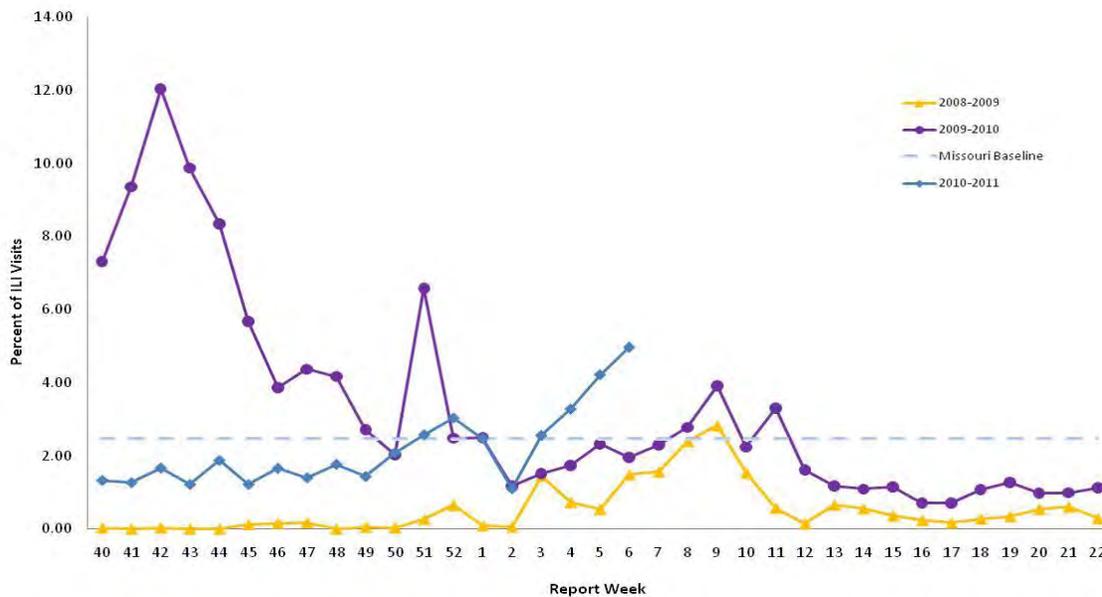
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain								
Boone								
Buchanan								
Butler								
Callaway								
Cape Girardeau								
Clay	0	1	0	1	0	2	159	1.26
Cole	23	11	16	8	3	61	646	9.44
Dallas	0	0	0	0	0	0	50	0
Franklin								
Greene	4	0	0	0	0	4	178	2.25
Howell								
Iron	0	4	0	1	2	7	68	10.29
Jackson	47	51	31	5	3	137	2725	5.03
Kansas City								
Knox								
Lawrence								
Marion	0	0	0	0	0	0	105	0
McDonald	1	6	3	1	0	11	135	12.27
Moniteau								
Nodaway								
Pettis								
Phelps	0	0	1	0	0	1	245	0.41
Putnam	1	1	1	1	0	4	213	1.88
Reynolds	1	0	1	0	0	2	40	0.05
Saline								
St. Clair	0	0	0	0	0	0	40	0
St. Louis County								
State Total	77	74	53	17	8	229	4604	4.97

*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 **above** the national baseline of 2.5%.

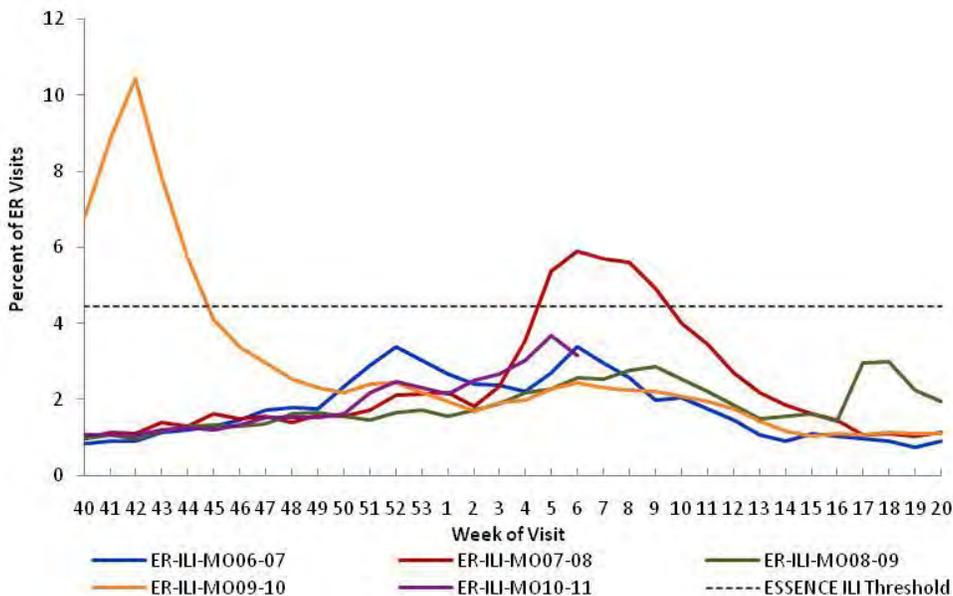
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2010-2011 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending February 12, 2011 (Week 6)



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

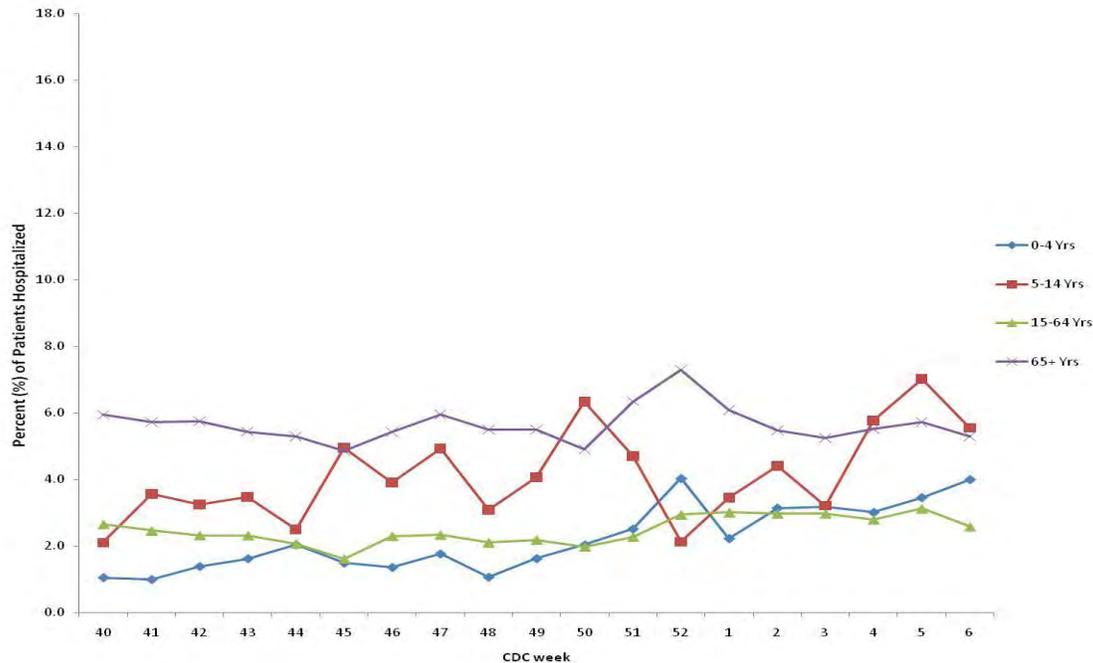
The proportion of patient visits for influenza-like illness was 4.97% for the week ending February 12, 2010 (week 6), as reported by ILINet in Missouri. This is above Missouri’s baseline of 2.47%.

Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2006-2011 Influenza Seasons Through the Week Ending February 12, 2011 (Week 6)

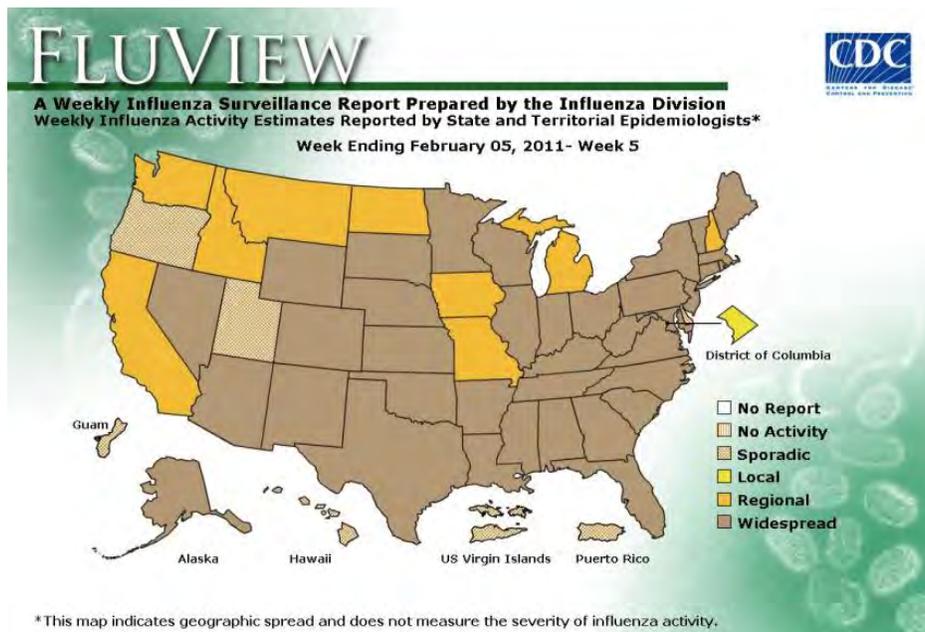


*ESSENCE ILI Threshold refers to the mean plus 2 standard deviations of the values during previous influenza seasons (week 40-20, 2006-2007) when influenza activity was low.

Graph 4. Percentage of Patients Hospitalized for Influenza and/or Pneumonia Syndromes By Age Group from 81 Participating Missouri Hospitals Through the Week Ending February 12, 2011 (Week 6)



The 0-4 age group has increased to 4.01 in Week 6. All other age groups show a decrease for week 6.



For the week ending February 12, 2011 (week 6), Missouri reported **Widespread** activity to the CDC. Widespread activity is defined as increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions and recent (within the past 3 weeks) lab confirmed influenza in the state.

For the week ending February 5, 2011 (week 5), Flu View reported 37 states with widespread influenza activity; nine states reported regional influenza activity; no states reported local influenza activity; and four states reported sporadic influenza 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.

Contact Us

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

¹*All data in this report are provisional and may change as reports are updated.*

²*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).