



# Missouri Weekly Influenza Report 2013-2014 Season<sup>1</sup>

Missouri is reporting “Sporadic” to the CDC for Week 47<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 November 23, 2013 (Week 47)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 47	43	0	4	0	10	0	57

Eleven specimens were received by the State Public Health Laboratory for viral testing during week 47; four tested positive for Influenza 2009 A (H1N1) and seven were negative.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending November 23, 2013 (Week 47)

Influenza Type	2013-2014 Season	5-Season Median	% Change from 5-Season Median
Influenza A	176	125	40.8%
Influenza B	66	124	( 46.8%)
Influenza Unknown Or Untyped	8	21	( 61.9%)
Total	250	221	13.1%

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending November 23, 2013 (Week 47)

Age Group	2013-2014 Season	5-Season Median	% Change from 5-Season Median
00-<02	22	16	37.5%
02-04	20	27	( 25.9%)
05-14	66	38	73.7%
15-24	33	28	17.9%
25-49	64	90	( 28.9%)
50-64	26	49	( 46.9%)
65+	19	37	( 48.6%)
Total	250	221	13.1%

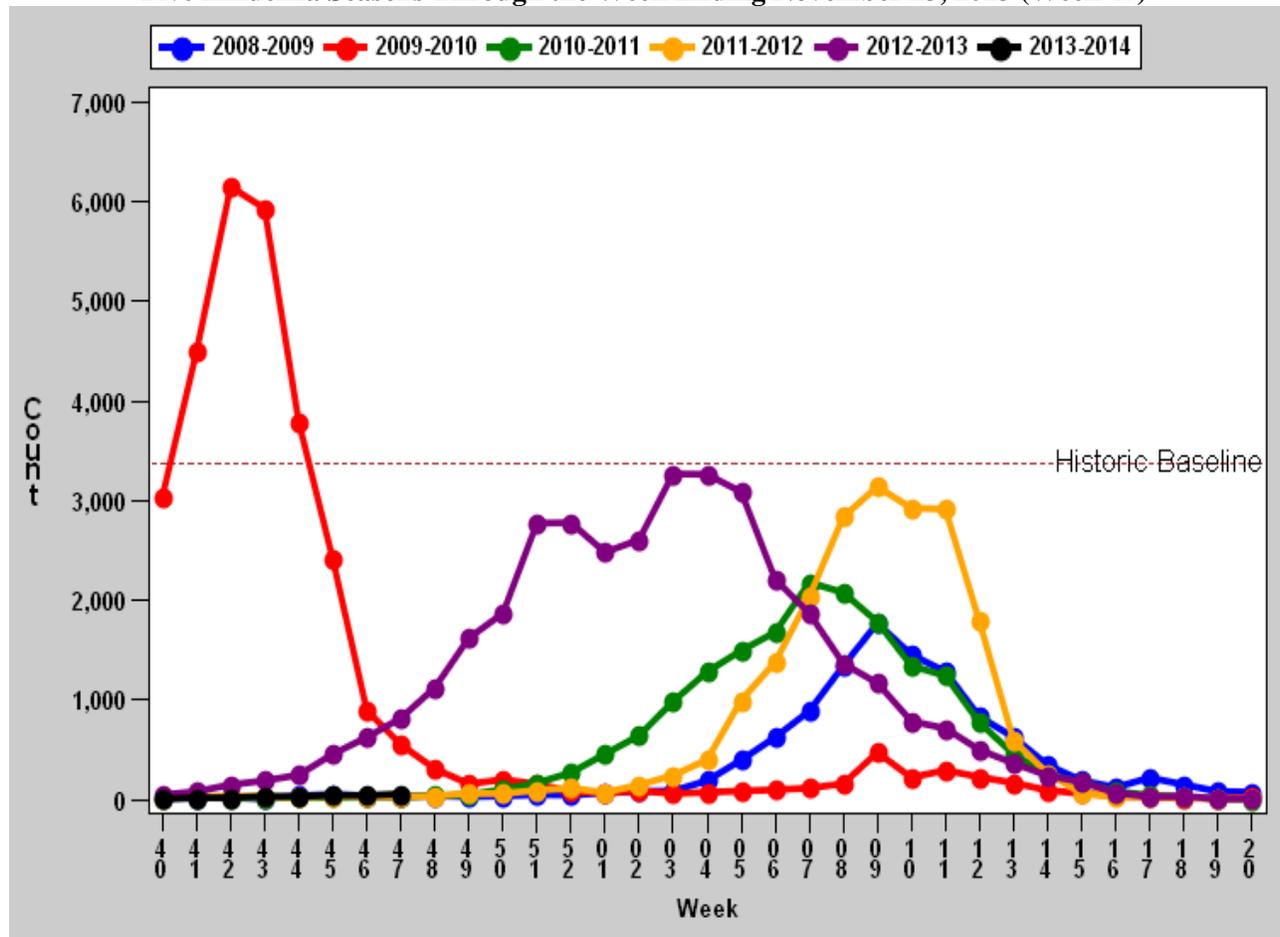
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending November 23, 2013 (Week 47)

District	2013-2014 Season	5-Season Median	% Change from 5-Season Median
CE	35	51	( 31.4%)
EA	57	54	5.6%
NW	93	44	111.4%
SE	32	102	( 68.6%)
SW	33	39	( 15.4%)
Total	250	221	13.1%

**Table 5. Deaths involving Pneumonia and Influenza (P&I)  
Reported During the Week Ending November 16, 2013 (Week 46)**

Week 46	Season-to-Date 2013-2014	Season-to-Date 2012-2013	Week 46 Last Season	5 Year Weekly Median
60	466	525	70	81

**Graph 1. Reported Influenza Cases 2013-2014 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending November 23, 2013 (Week 47)**



The number of reported influenza cases for week 47 of the 2013-2014 season is following historical trends.

**Table 6. Outbreaks/Closures Due to Influenza-like Illness  
Reported During the Week Ending November 23, 2013 (Week 47)**

	Outbreaks		Closures	
	Current Season 2013-2014	Previous Season 2012-2013	Current Season 2013-2014	Previous Season 2012-2013
Week 47	0	0	0	2
Season-to-Date (Week 40-Week 47)	0	0	0	2

**Table 7. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County  
Influenza-like Illness (ILI) for the Week Ending November 23, 2013 (Week 47)**

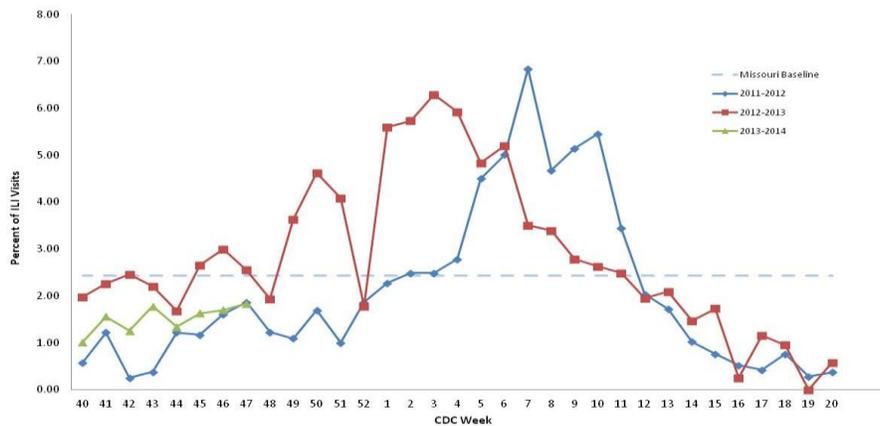
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain								
Boone								
Callaway								
Cape Girardeau	0	0	0	0	0	0	57	0
Clay								
Cole	1	7	3	1	4	16	567	2.82
Gasconade								
Greene								
Jackson	9	21	20	4	3	57	2897	1.97
Kansas City								
Knox	1	0	0	0	0	1	100	1
Marion	0	0	0	0	0	0	92	0
McDonald	0	0	0	0	0	0	338	0
Moniteau	0	0	0	0	0	0	143	0
Nodaway								
Pettis								
Phelps	0	0	0	0	0	0	9	0
Putnam								
Reynolds								
Saline	3	2	1	0	0	6	174	3.45
State Total	14	30	24	5	7	80	4377	1.83

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

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

\*\*\*This is **below** the national baseline of 2.0%.

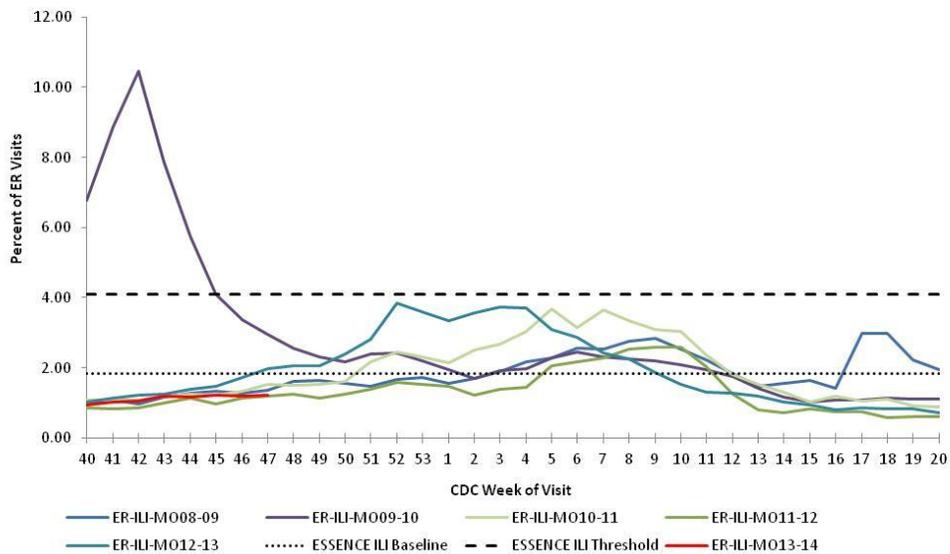
**Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2013-2014 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending November 23, 2013 (Week 47)**



ILINet baseline refers to the mean of the values during previous three influenza seasons (week 40-20, 2010-11, 2011-12 and 2012-13) with low influenza activity.

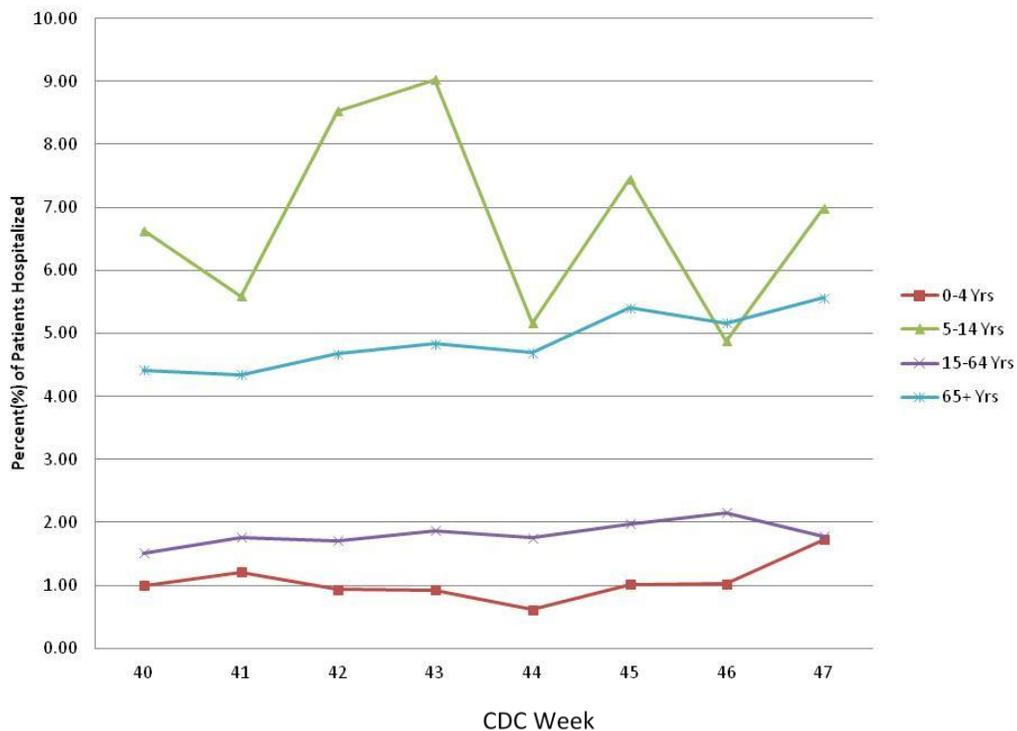
The proportion of patient visits for influenza-like illness is 1.83% for week ending November 23, 2013 (Week 47). This is below Missouri’s baseline of 2.42%.

**Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2007-2014 Influenza Seasons Through the Week Ending November 23, 2013 (Week 47)**

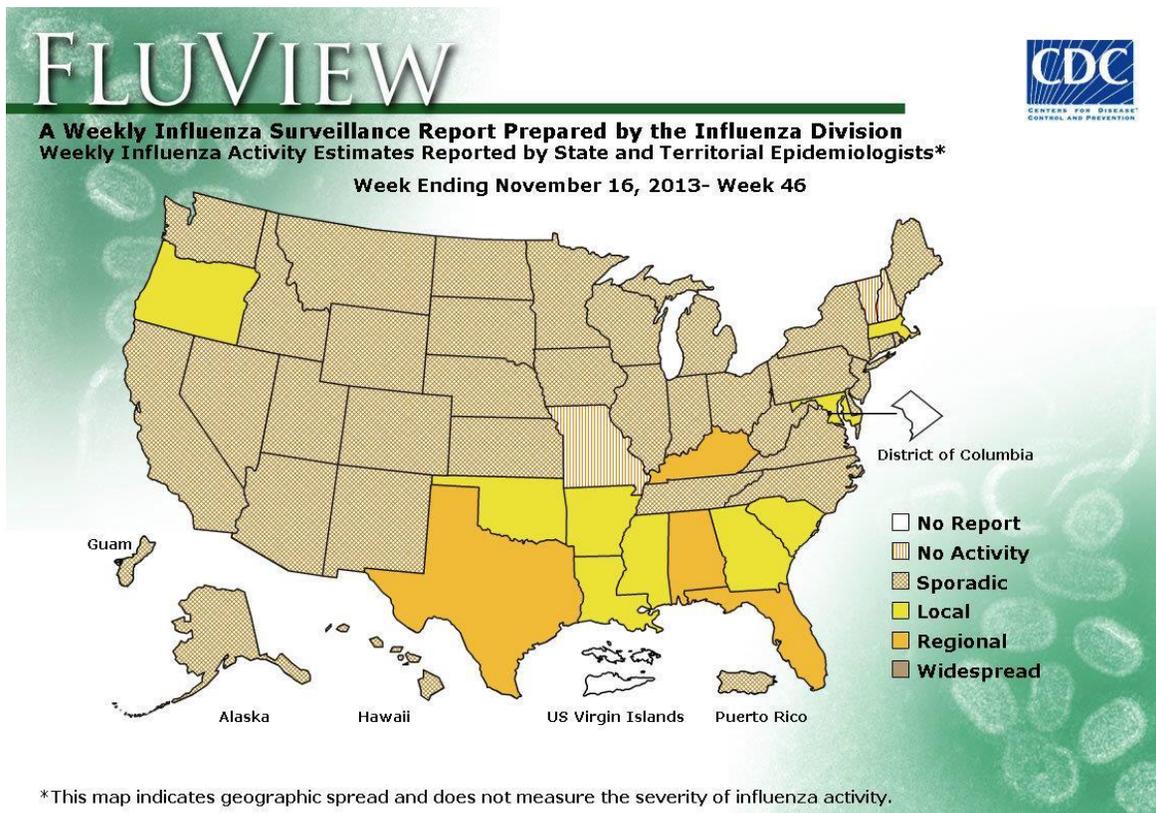


\*ESSENCE ILI Threshold refers to the mean plus 3 standard deviations of the values during previous influenza seasons (weeks 40-20, 2006-07, 2008-09 and 2010-2011) when influenza activity was low.

**Graph 4. Percent of Patients Hospitalized for Influenza and/or Pneumonia Syndromes By Age Group from Participating Missouri Hospitals Through the Week Ending November 23, 2013 (Week 47)**



\*Please use caution when comparing current 2011-2012 influenza season inpatient hospitalization numbers to previous years due to major revisions to the inpatient database environment.



For the week ending **November 23, 2013 (Week 47)**, Missouri reported **Sporadic** to the CDC. Sporadic is defined as: influenza-like illness activity has not increased and there are isolated lab-confirmed cases or a lab-confirmed outbreak in a single institution in the state.

For the week ending November 16, 2013 (week 46), Flu View reported no state with widespread. Four states reported regional influenza activity. Nine states reported local influenza activity, 34 states reported sporadic influenza activity and three 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.

## 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).