



Missouri Weekly Influenza Report 2013-2014 Season¹

Missouri is reporting “Sporadic” to the CDC for Week 48².

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 30, 2013 (Week 48)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 48	78	0	0	0	8	0	86

One specimen was received by the State Public Health Laboratory for viral testing during week 48; it was negative.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending November 30, 2013 (Week 48)

Influenza Type	2013-2014 Season	5-Season Median	% Change from 5-Season Median
Influenza A	270	160	68.1%
Influenza B	77	146	(47.3%)
Influenza Unknown Or Untyped	8	29	(72.4%)
Total	355	257	38.1%

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending November 30, 2013 (Week 48)

Age Group	2013-2014 Season	5-Season Median	% Change from 5-Season Median
00-<02	29	21	38.1%
02-04	27	28	(3.6%)
05-14	88	41	114.6%
15-24	52	33	57.6%
25-49	93	99	(6.1%)
50-64	43	51	(15.7%)
65+	23	43	(46.5%)
Total	355	257	38.1%

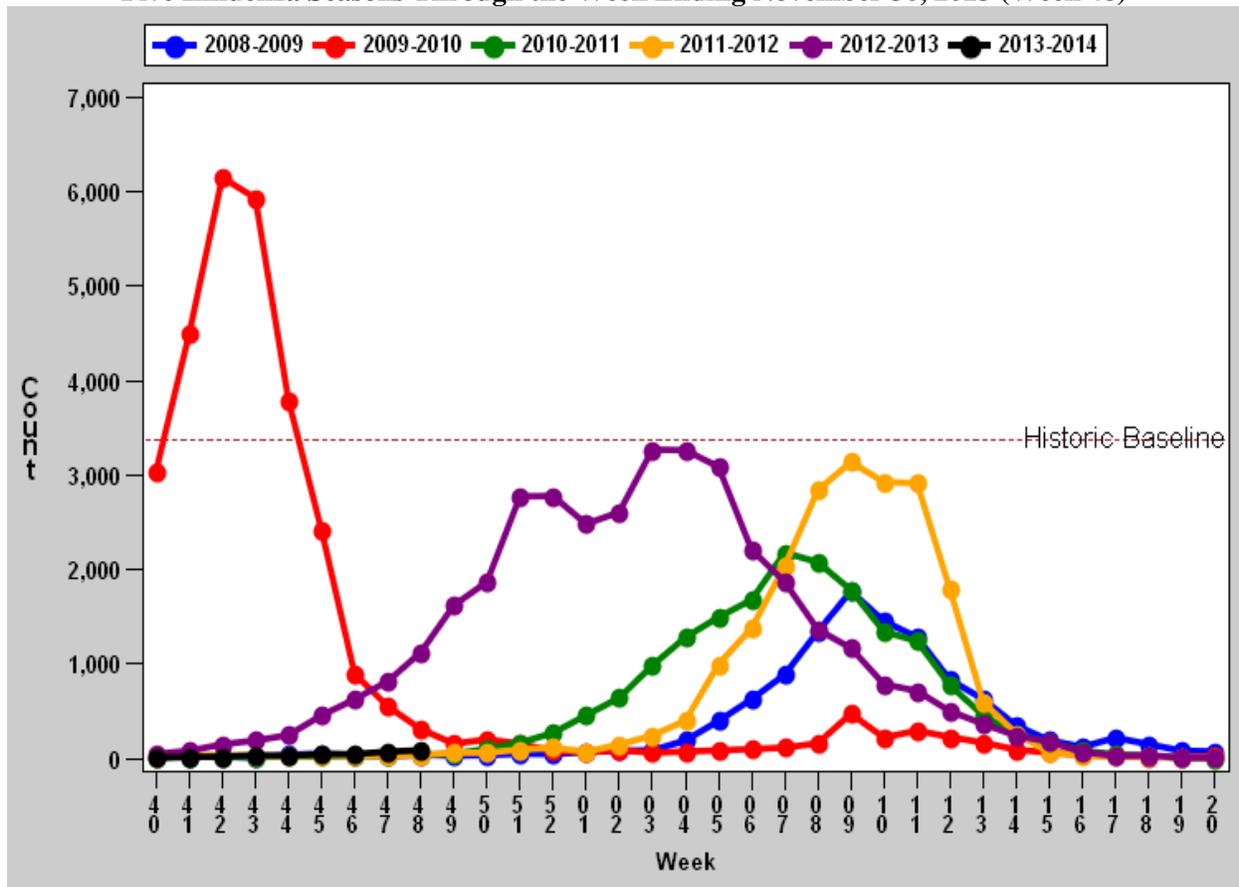
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending November 30, 2013 (Week 48)

District	2013-2014 Season	5-Season Median	% Change from 5-Season Median
CE	43	63	(31.7%)
EA	101	67	50.7%
NW	124	50	148.0%
SE	39	121	(67.8%)
SW	48	47	2.1%
Total	355	257	38.1%

**Table 5. Deaths involving Pneumonia and Influenza (P&I)
Reported During the Week Ending November 23, 2013 (Week 47)**

Week 47	Season-to-Date 2013-2014	Season-to-Date 2012-2013	Week 47 Last Season	5 Year Weekly Median
69	535	572	47	62

Graph 1. Reported Influenza Cases 2013-2014 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending November 30, 2013 (Week 48)



The number of reported influenza cases for week 48 of the 2013-2014 season is following historical trends.

**Table 6. Outbreaks/Closures Due to Influenza-like Illness
Reported During the Week Ending November 30, 2013 (Week 48)**

	Outbreaks		Closures	
	Current Season 2013-2014	Previous Season 2012-2013	Current Season 2013-2014	Previous Season 2012-2013
Week 48	0	1	0	2
Season-to-Date (Week 40-Week 48)	0	1	0	2

**Table 7. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County
Influenza-like Illness (ILI) for the Week Ending November 30, 2013 (Week 48)**

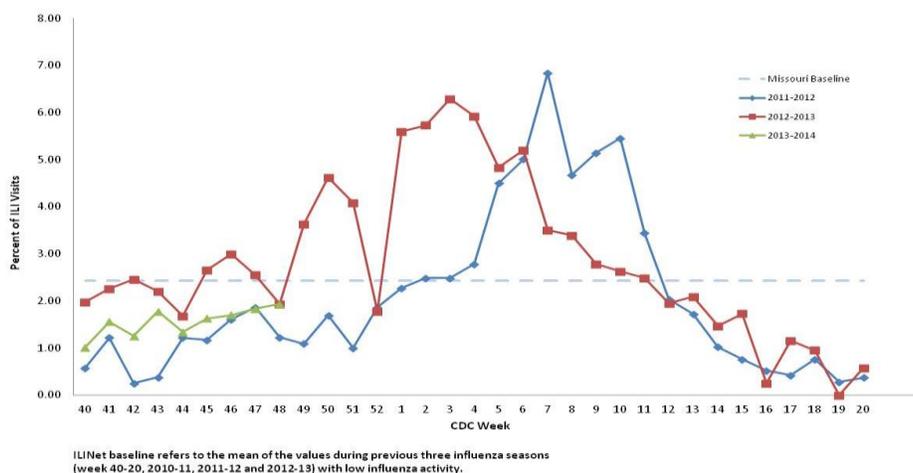
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain								
Boone								
Callaway								
Cape Girardeau	0	0	0	0	0	0	31	0
Clay								
Cole	3	6	3	1	1	14	551	2.54
Gasconade								
Greene								
Jackson	11	13	21	3	3	51	2721	1.87
Kansas City								
Knox								
Marion	0	0	0	0	0	0	59	0
McDonald	0	0	0	0	0	0	103	0
Moniteau								
Nodaway								
Pettis								
Phelps	0	0	0	0	0	0	38	0
Putnam								
Reynolds	0	0	0	0	0	0	45	0
Saline	1	1	1	3	0	6	131	4.58
St. Louis								
State Total	15	20	25	7	4	71	3679	1.93

*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>

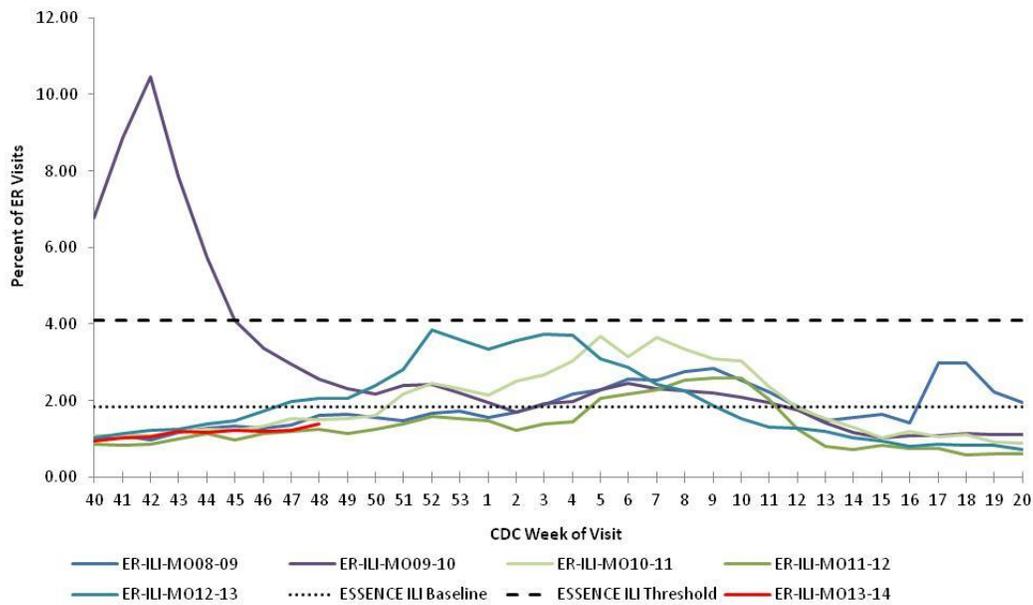
***This is **below** the national baseline of 2.0%.

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 30, 2013 (Week 48)



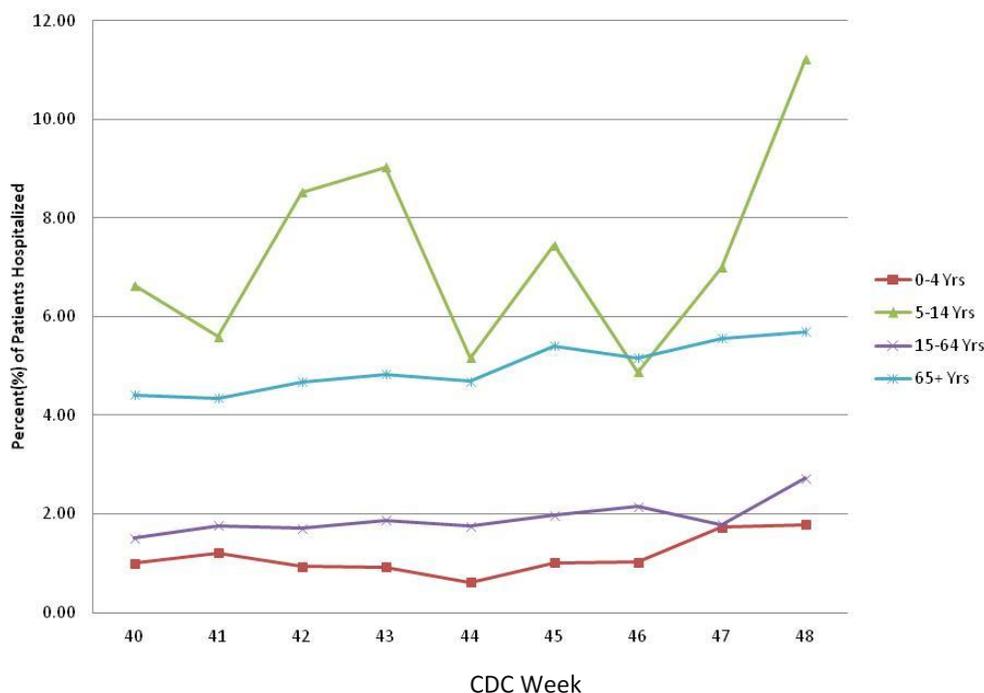
The proportion of patient visits for influenza-like illness is 1.93% for week ending November 30, 2013 (Week 48). This is below Missouri’s baseline of 2.42%.

Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2007-2014 Influenza Seasons Through the Week Ending November 30, 2013 (Week 48)

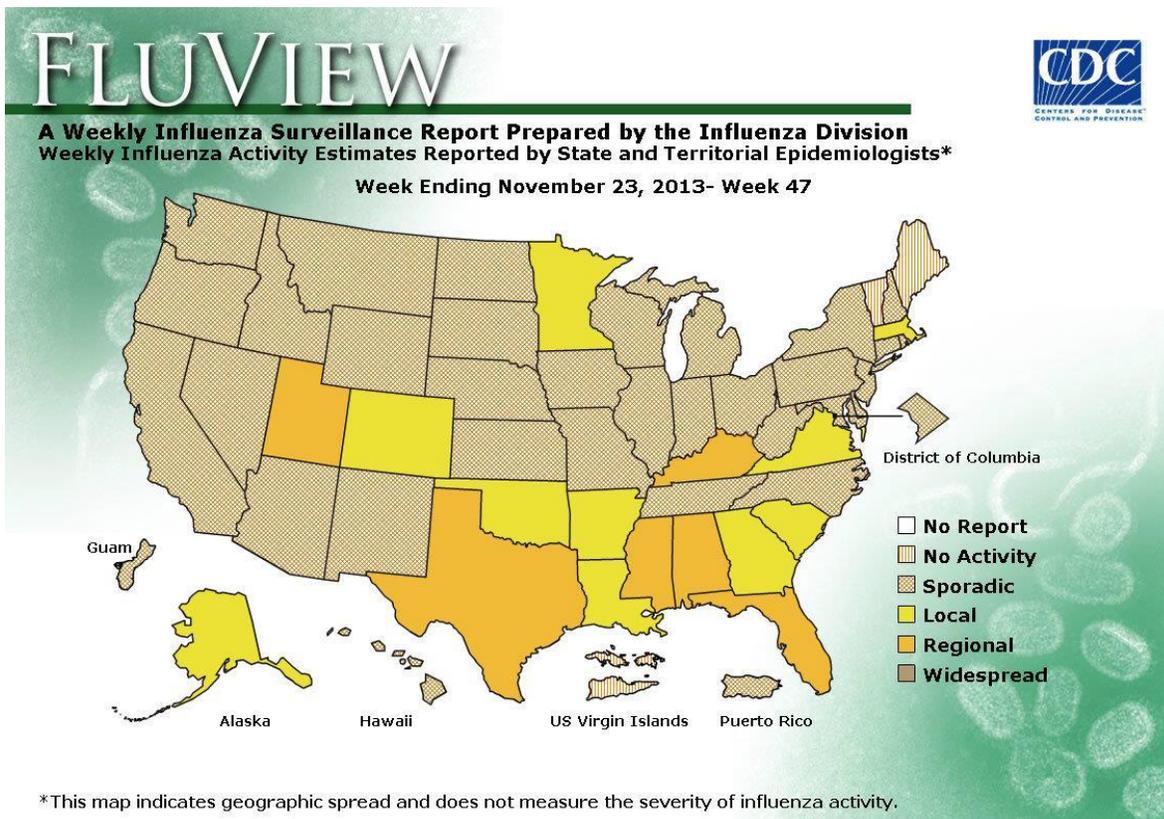


*ESSENCE ILI Threshold refers to the mean plus 3 standard deviations of the values during previous influenza seasons (weeks 40-20, 2006-07, 2008-09 and 2010-2011) when influenza activity was low.

Graph 4. Percent of Patients Hospitalized for Influenza and/or Pneumonia Syndromes By Age Group from Participating Missouri Hospitals Through the Week Ending November 30, 2013 (Week 48)



*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 30, 2013 (Week 48)**, 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 23, 2013 (week 47), Flu View reported no state with widespread. Six states reported regional influenza activity. Ten states reported local influenza activity, 32 states reported sporadic influenza activity and two 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**.

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

²Influenza 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).