



Missouri Weekly Influenza Report 2013-2014 Season¹

Missouri is reporting “Widespread” to the CDC for Week 1².

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 for the Week ending January 4, 2014 (Week 1)

Serogroups	A	B	A or B Untyped (rapid test)	Total
Week 1	1,505	36	34	1,582

Table 2. Culture Confirmed cases reported by the State Public Health Laboratory for the Week ending January 4, 2014 (Week 1)

Viral Testing	A (H1)	A (H1N1)	A (H3)	Total
Week 1	0	7	0	7

A total of 1,582 cases were reported for week. Seven specimens were received by the State Public Health Laboratory for viral testing during week 1. All seven, or 100%, were 2009 H1N1 Influenza.

Table 3. Influenza Current and Previous Weekly Count and Season-to-Date Count by Influenza Type Through Week Ending January 4, 2014 (Week 1)

Influenza Type	Week 52	Week 1	2013-2014 Season-to-Date
Influenza A	2,009	1,512	6,145
Influenza B	52	36	273
Influenza Unknown Or Untyped	115	34	330
Total	2,176	1,582	6,748

¹Influenza Season begins Week Ending October 5, 2013 (Week 40)

Table 4. Influenza Current and Previous Weekly Count and Season-to-Date Count by Age Group Through Week Ending January 4, 2014 (Week 1)

Age Group	Week 52	Week 1	2013-2014 Season-to-Date
00-<02	194	164	609
02-04	238	151	676
05-14	424	224	1,337
15-24	243	166	818
25-49	681	532	2,104
50-64	281	224	848
65+	115	121	356
Total	2,176	1,582	6,748

*Influenza Season begins Week Ending October 5, 2013 (Week 40)

Table 5. Influenza Current and Previous Weekly Count and Season-to-Date Count by Region Through Week Ending January 4, 2014 (Week 1)

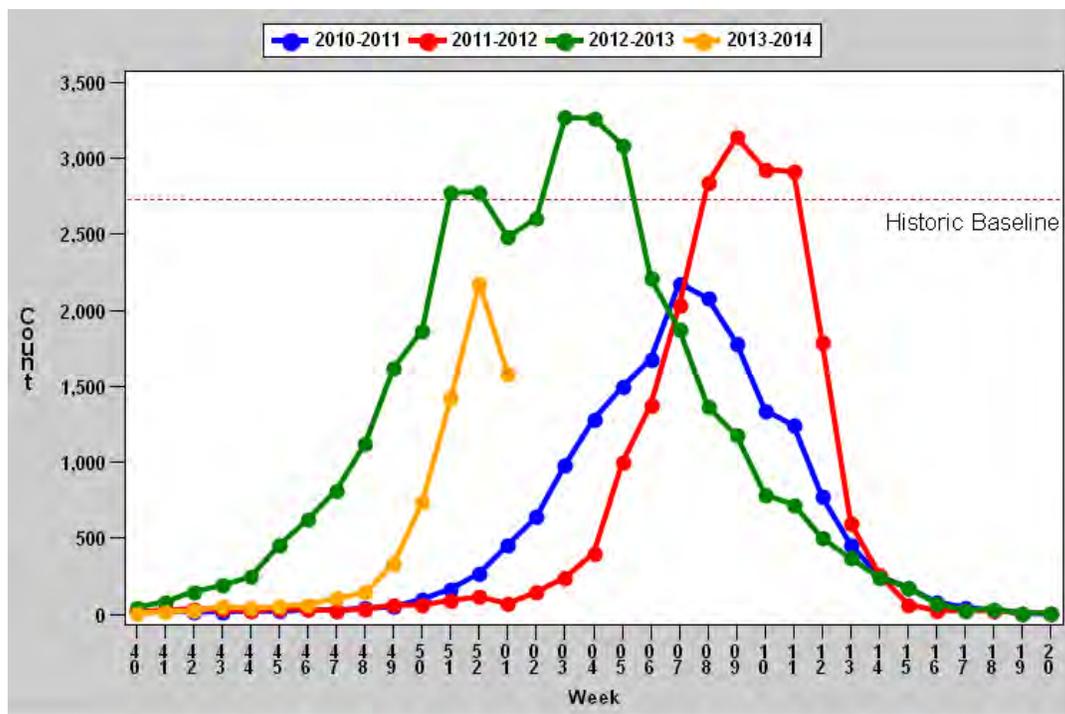
District	Week 52	Week 1	2013-2014 Season-to-Date
CE	176	29	497
EA	415	580	1,526
NW	1,253	647	3,693
SE	126	102	350
SW	206	224	682
Total	2,176	1,582	6,748

*Influenza Season begins Week Ending October 5, 2013 (Week 40)

Table 6. Deaths involving Pneumonia and Influenza (P&I) Reported During the Week Ending December 27, 2013 (Week 52)

Week 52	Season-to-Date 2013-2014	Season-to-Date 2012-2013	Week 52 Last Season
57	877	933	61

Graph 1. Reported Influenza Cases 2013-2014 Season-To-Date as compared to the previous Three Influenza Seasons Through the Week Ending January 4, 2014 (Week 1)



The number of reported influenza cases for week 1 of the 2013-2014.

Table 7. Outbreaks/Closures Due to Influenza-like Illness Reported During the Week Ending January 4, 2014 (Week 1)

	Outbreaks		Closures	
	Current Season 2013-2014	Previous Season 2012-2013	Current Season 2013-2014	Previous Season 2012-2013
Week 1	0	0	0	0
Season-to-Date (Week 40-Week 1)	0	1	0	5

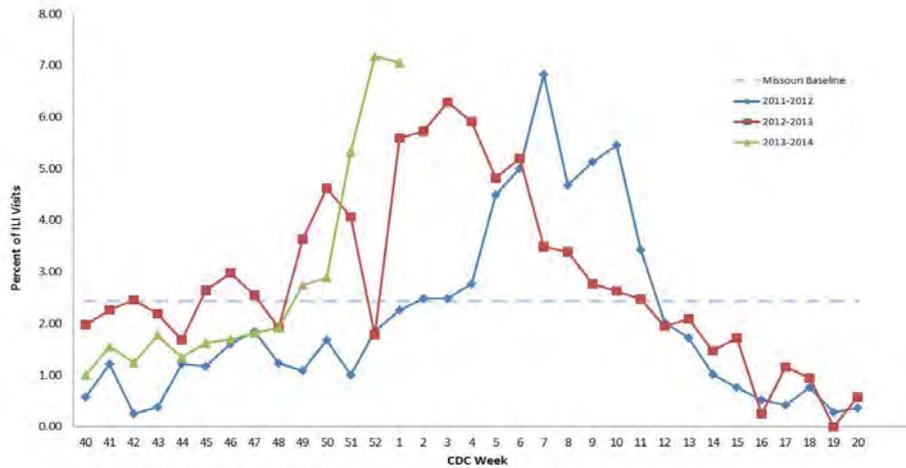
Table 8. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County Influenza-like Illness (ILI) for the Week Ending January 4, 2014 (Week 1)

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	0	0	0	0	0	0	133	0
Boone*								
Callaway	1	6	14	3	4	28	190	14.74
Cape Girardeau	0	0	0	0	0	0	47	0
Clay*								
Cole	13	15	20	5	4	57	579	9.84
Gasconade*								
Greene*								
Jackson	38	49	100	24	13	224	2962	7.56
Kansas City*								
Knox*								
Marion	0	0	0	0	1	1	80	1.25
McDonald	0	3	2	0	0	5	291	1.72
Moniteau	0	0	0	0	0	0	96	0
Nodaway*								
Pettis*								
Phelps*								
Putnam*								
Reynolds*								
Saline	0	1	1	1	0	3	129	2.33
St. Louis*								
State Total	52	74	137	33	22	318	4507	7.06

*No weekly data reported.

1. Only counties with sentinel provider(s) are listed above.
2. To learn about ILINet, view the following website: <http://www.cdc.gov/flu/weekly/fluactivitysurv.htm>
3. This is above the national baseline of 2.0%.

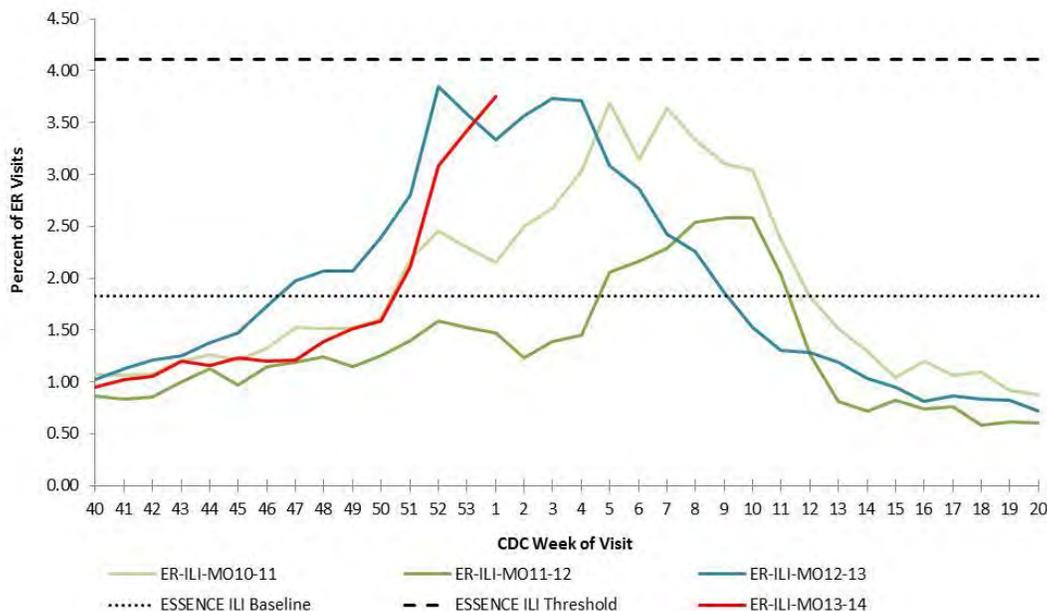
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2013-2014 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending January 4, 2014 (Week 1)



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.

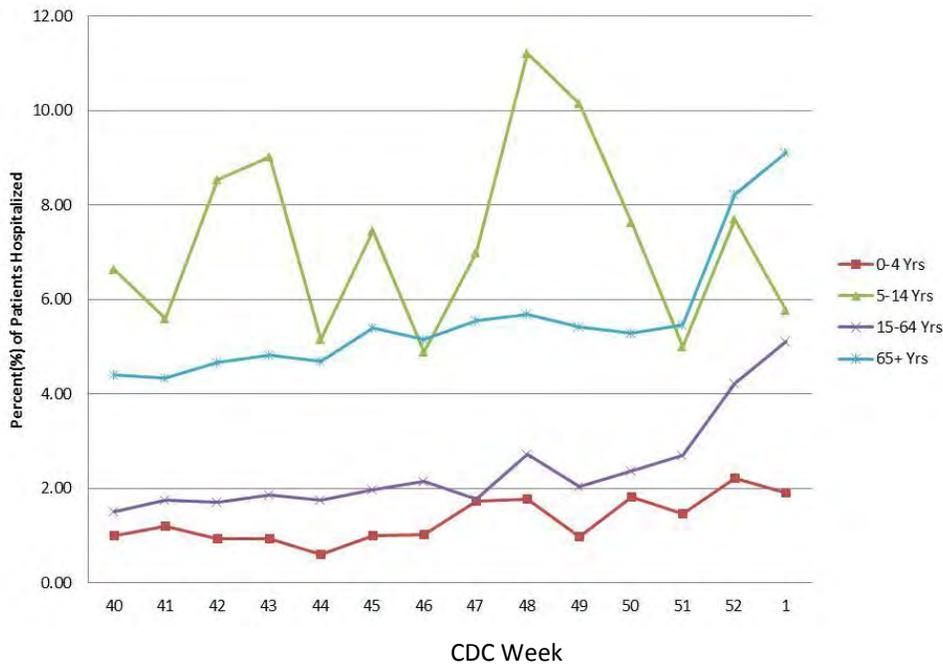
The proportion of patient visits for influenza-like illness is 7.06% for week ending January 4, 2014 (Week 1). This is above Missouri’s baseline of 2.42%.

Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2010-2014 Influenza Seasons Through the Week Ending January 4, 2014 (Week 1)

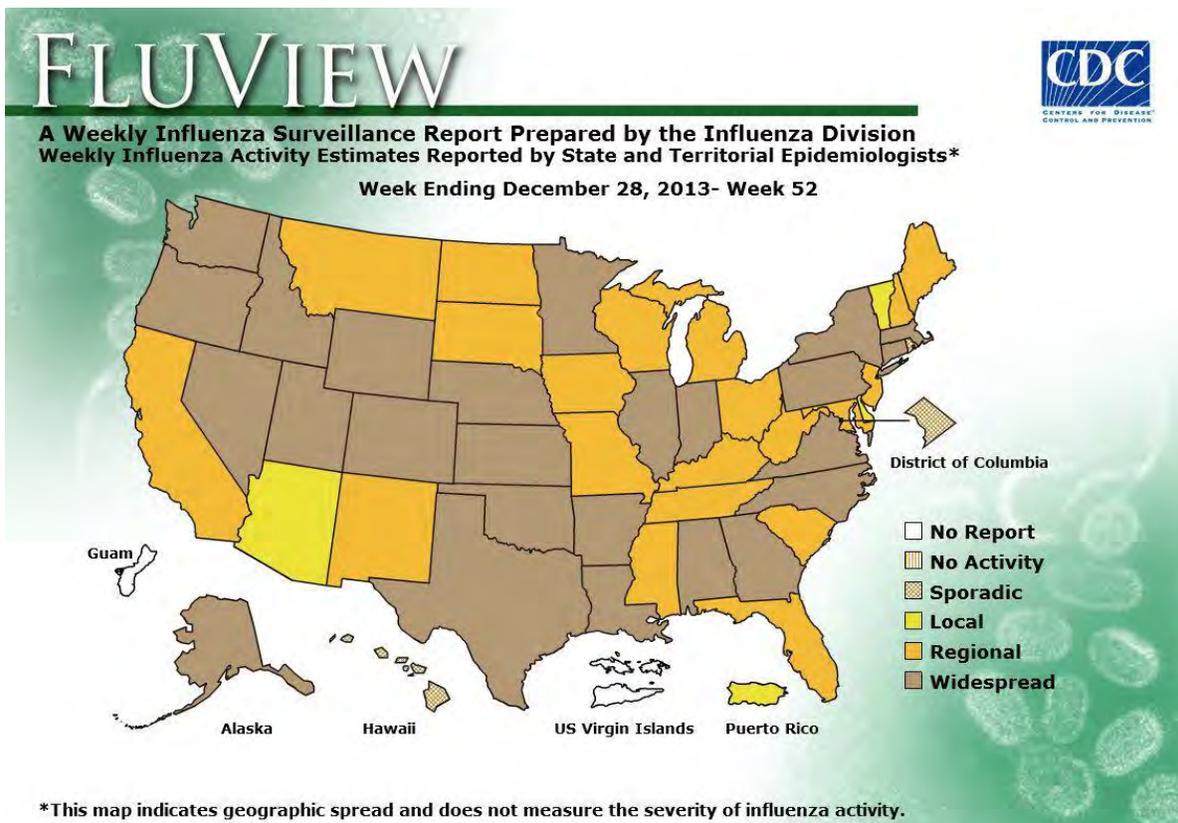


*ESSENCE ILI Threshold refers to the mean plus 3 standard deviations of the values during previous influenza seasons (weeks 40-20, 2006-07, 2008-09 and 2010-2011) when influenza activity was low.

Graph 4. Percent of Patients Hospitalized for Influenza and/or Pneumonia Syndromes By Age Group from Participating Missouri Hospitals Through the Week Ending January 4, 2014 (Week 1)



*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 **January 4, 2014 (Week 1)**, Missouri reported **Widespread** Influenza 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 December 28, 2013 (week 52), Flu View reported 25 states with widespread, 20 states reported regional influenza activity, three states reported local influenza activity and two 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.

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).