



Missouri Weekly Influenza Report 2013-2014 Season¹

Missouri is reporting “No Activity” to the CDC for Week 41².

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 12, 2013 (Week 41)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 41	3	0	0	0	2	0	5

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

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending October 12, 2013 (Week 41)

Influenza Type	2013-2014 Season	5-Season Median	% Change from 5-Season Median
Influenza A	5	27	(81.5%)
Influenza B	4	22	(81.8%)
Influenza Unknown Or Untyped	0	1	(100.0%)
Total	9	42	(78.6%)

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending October 12, 2013 (Week 41)

Age Group	2013-2014 Season	5-Season Median	% Change from 5-Season Median
00-<02	0	5	(100.0%)
02-04	0	3	(100.0%)
05-14	2	8	(75.0%)
15-24	0	5	(100.0%)
25-49	1	16	(93.8%)
50-64	6	7	(14.3%)
65+	0	9	(100.0%)
Total	9	42	(78.6%)

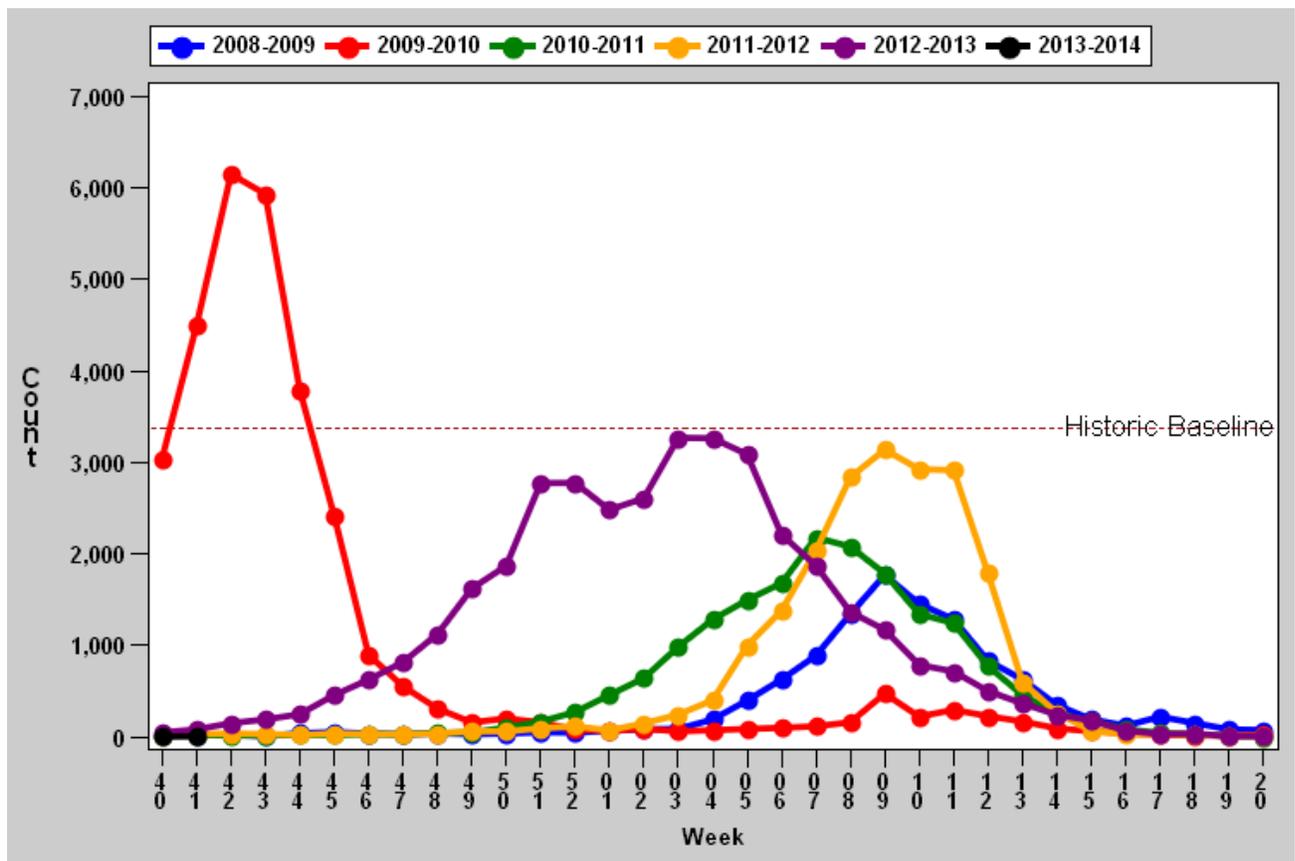
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending October 12, 2013 (Week 41)

District	2013-2014 Season	5-Season Median	% Change from 5-Season Median
CE	0	10	(100.0%)
EA	3	13	(76.9%)
NW	1	10	(90.0%)
SE	1	6	(83.3%)
SW	4	5	(20.0%)
Total	9	42	(78.6%)

Table 5. Deaths involving Pneumonia and Influenza (P&I) Reported During the Week Ending October 5, 2013 (Week 40)

Week 40	Season-to-Date 2013-2014	Season-to-Date 2012-2013	Week 40 Last Season	5 Year Weekly Median
49	108	116	63	71

Graph 1. Reported Influenza Cases 2013-2014 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending October 12, 2013 (Week 41)



The number of reported influenza cases for week 41 of the 2013-2014 season is following historical trends.

Table 6. Outbreaks/Closures Due to Influenza-like Illness Reported During the Week Ending October 12, 2013 (Week 41)

	Outbreaks		Closures	
	Current Season 2013-2014	Previous Season 2012-2013	Current Season 2013-2014	Previous Season 2012-2013
Week 41	0	0	0	0
Season-to-Date (Week 41)	0	0	0	0

**Table 7. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County
Influenza-like Illness (ILI) for the Week Ending October 12, 2013 (Week 41)**

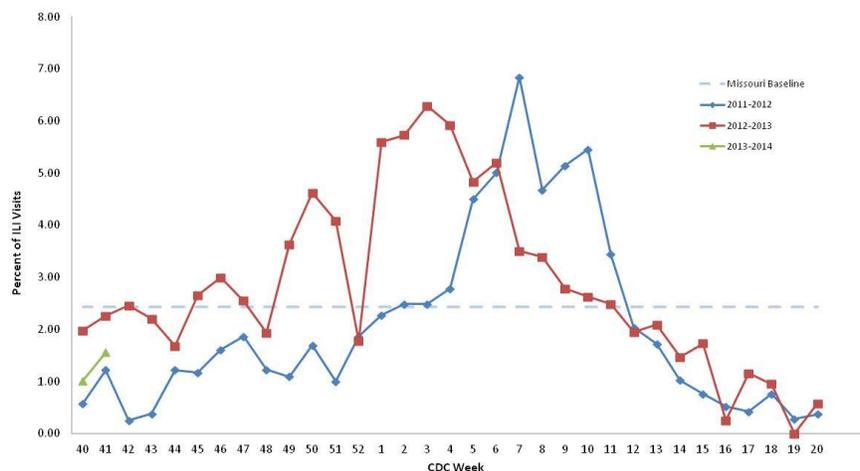
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain	0	0	0	0	0	0	231	0
Boone								
Callaway								
Cape Girardeau	0	0	0	0	0	0	69	0
Clay								
Cole								
Gasconade								
Greene								
Jackson	19	19	18	8	3	67	3100	2.16
Kansas City								
Knox	0	0	0	1	0	1	85	1.18
Marion	0	0	0	0	0	0	98	0
McDonald	1	3	0	0	0	4	291	1.37
Moniteau	0	0	0	0	0	0	138	0
Nodaway								
Pettis								
Phelps	0	0	0	0	0	0	329	0
Putnam	0	0	0	0	0	0	228	0
Reynolds	0	0	0	0	0	0	38	0
Saline								
State Total	20	22	18	9	3	72	4607	1.56

*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%.

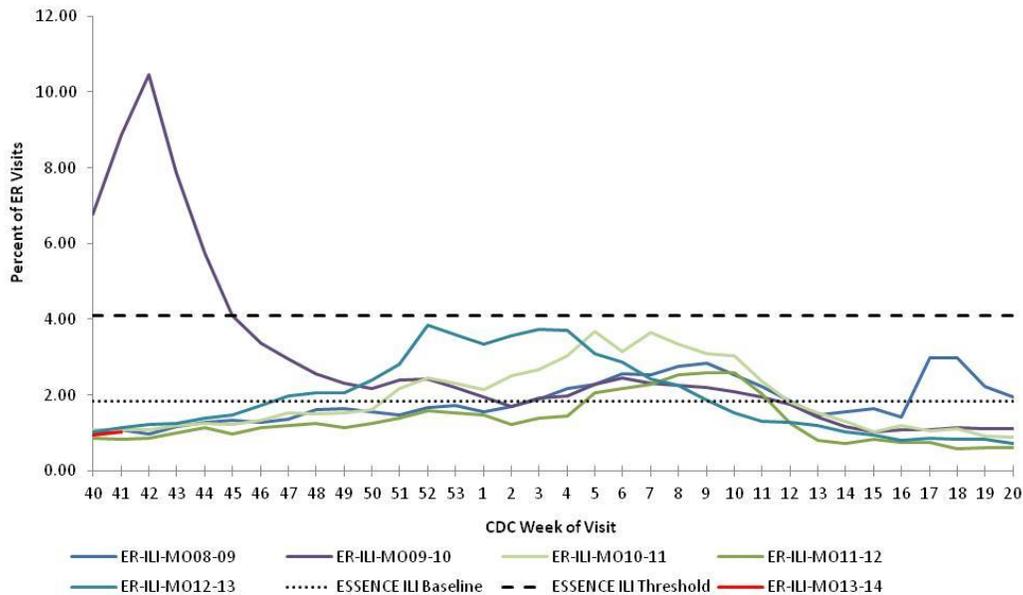
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2012-2013 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending October 12, 2012 (Week 41)



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 1.56% for week ending October 12, 2013 (week 41). 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 October 12, 2012 (Week 41)



*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.

For the week ending October 12, 2013 (Week 41), Missouri reported **No activity** to the CDC. No activity is defined as influenza-like illness activity is low and there are no lab confirmed cases.

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).