



Missouri Weekly Influenza Report 2012-2013 Season¹

Missouri is reporting “Sporadic” to the CDC for Week 46².

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 17, 2012 (Week 46)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 46	43	0	0	0	358	2	403

A total of five specimens were received by the State Public Health Laboratory for viral testing during week 46. Three were positive for Influenza B and two were negative for influenza.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending November 17, 2012 (Week 46)

Influenza Type	2012-2013 Season	5-Season Median	% Change from 5-Season Median
Influenza A	182	99	83.8%
Influenza B	1,341	70	1815.7%
Influenza Unknown Or Untyped	7	10	(30.0%)
Total	1,530	187	718.2%

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending November 17, 2012 (Week 46)

Age Group	2012-2013 Season	5-Season Median	% Change from 5-Season Median
00-<02	123	14	778.6%
02-04	241	14	1621.4%
05-14	704	26	2607.7%
15-24	105	19	452.6%
25-49	211	56	276.8%
50-64	88	20	340.0%
65+	58	15	286.7%
Total	1,530	187	718.2%

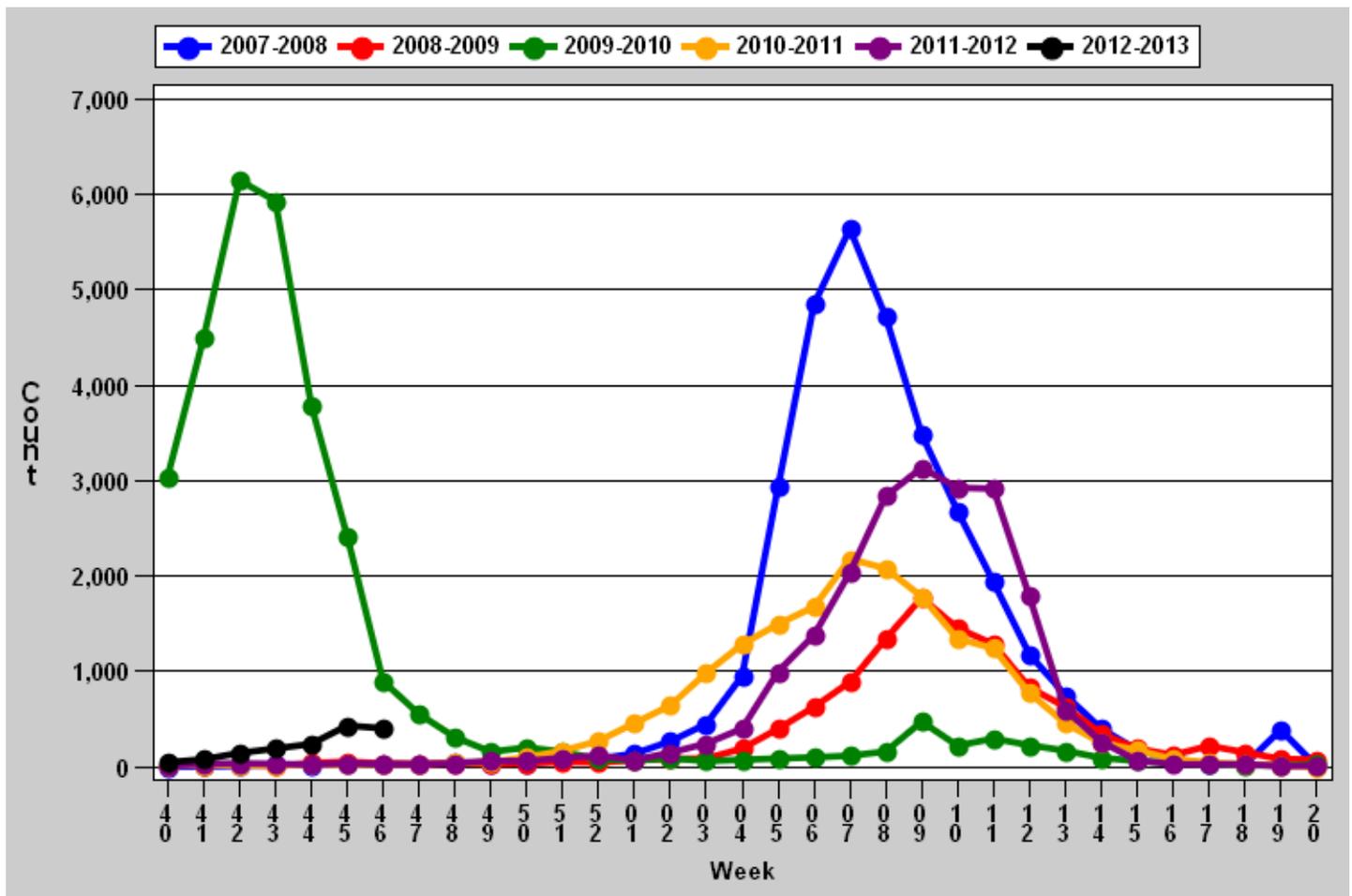
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending November 17, 2012 (Week 46)

District	2012-2013 Season	5-Season Median	% Change from 5-Season Median
CE	558	23	2326.1%
EA	797	37	2054.1%
NW	74	38	94.7%
SE	59	38	55.3%
SW	42	32	31.3%
Total	1,530	187	718.2%

Table 5. Deaths involving Pneumonia and Influenza (P&I) Reported During the Week Ending November 10, 2012 (Week 45)

Week 45	Season-to-Date 2012-2013	Season-to-Date 2011-2012	Week 45 Last Season	5 Year Weekly Median
55	457	489	57	57

Graph 1. Reported Influenza Cases 2012-2013 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending November 17, 2012 (Week 46)



The number of reported influenza cases for week 46 of the 2012-2013 season is slightly above historical trends.

Table 6. Outbreaks/Closures Due to Influenza-like Illness Reported During the Week Ending November 17, 2012 (Week 46)

	Outbreaks		Closures	
	Current Season 2012-2013	Previous Season 2011-2012	Current Season 2012-2013	Previous Season 2011-2012
Week 46	0	0	0	0
Season-to-Date (Week 40-Week 46)	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 November 17, 2012 (Week 46)**

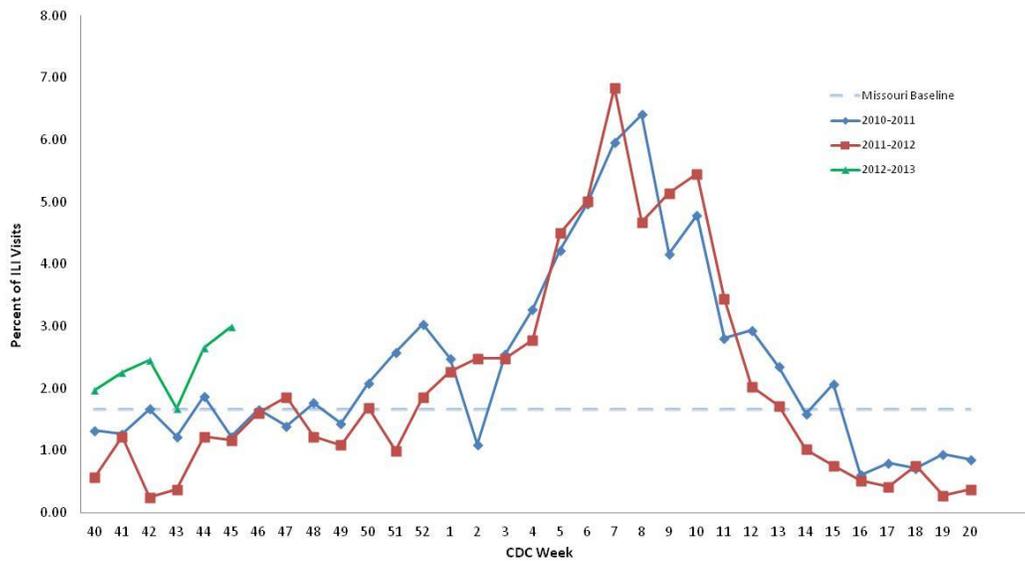
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain								
Boone								
Buchanan								
Butler								
Callaway								
Cape Girardeau	0	0	0	0	0	0	68	0
Clay								
Cole	20	40	20	7	15	102	657	15.53
Gasconade								
Greene	0	0	0	0	0	0	987	0
Howell								
Iron								
Jackson	14	23	19	5	7	68	2703	2.52
Kansas City								
Knox	0	0	0	0	0	0	108	0
Lawrence								
Marion	0	0	0	0	0	0	99	0
McDonald	1	1	0	0	0	2	228	0.88
Moniteau								
Nodaway								
Pettis	0	0	0	0	0	0	288	0
Phelps	0	0	0	0	0	0	262	0
Putnam	1	1	0	0	0	2	248	0.81
Reynolds	0	0	0	0	0	0	29	0
Saline	2	1	0	0	0	3	189	1.59
St. Clair	0	0	0	0	0	0	56	0
State Total	38	66	39	12	22	177	5,922	2.99

*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 the above the national baseline of 2.2%.

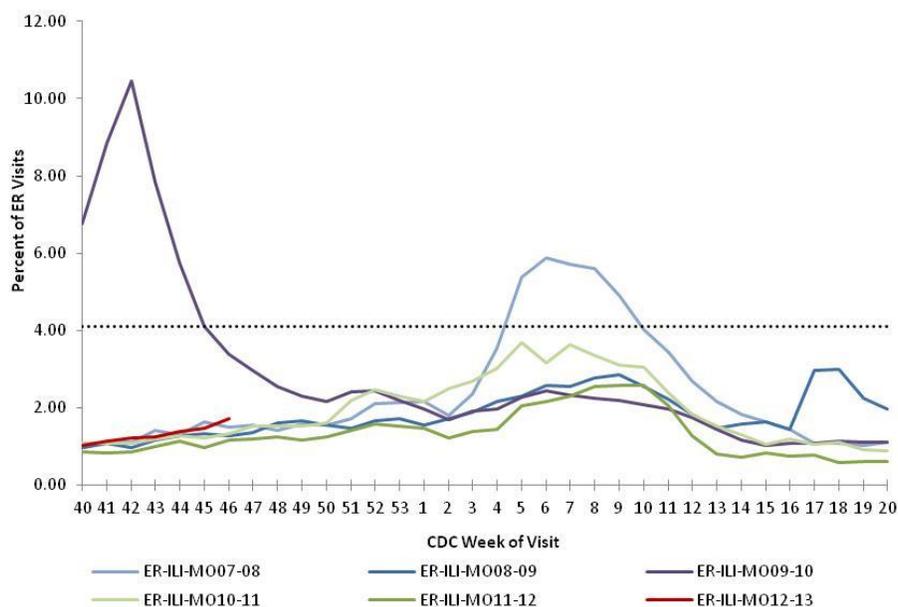
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2012-2013 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending November 17, 2012 (Week 46)



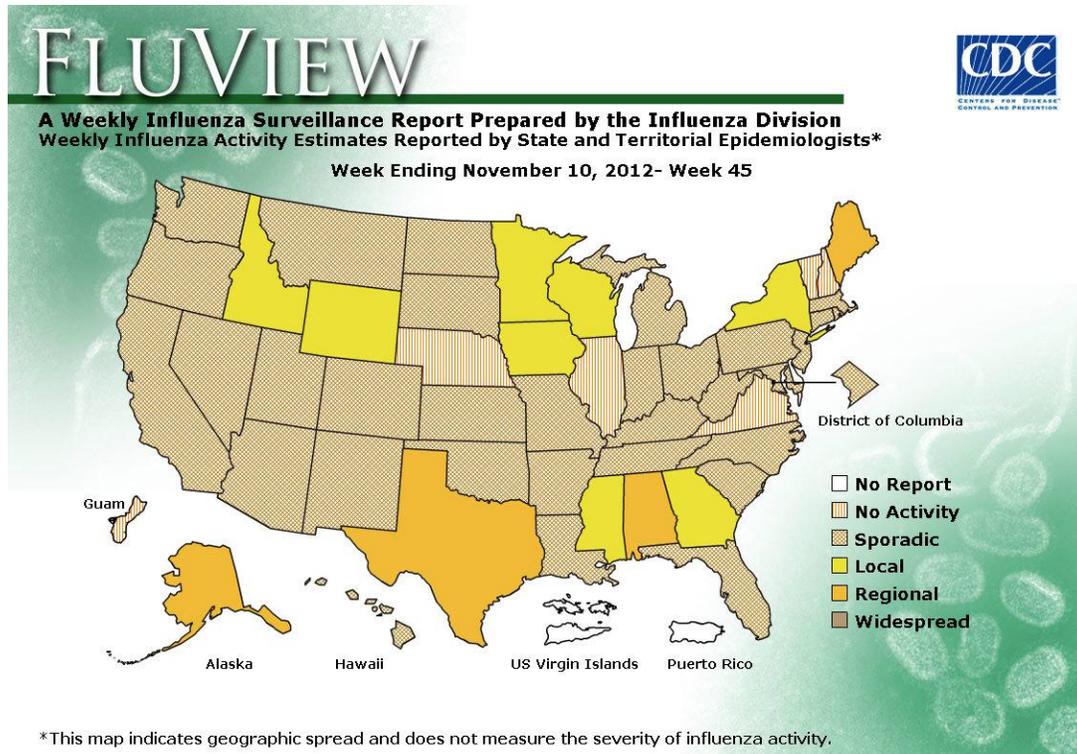
ILINet baseline refers to the mean of the values during previous three influenza seasons (week 40-20, 2008-2009, 2010-11 and 2011-12) with low influenza activity.

The proportion of patient visits for influenza-like illness is 2.99% for week ending November 17, 2012 (week 46). This is above Missouri’s baseline of 1.66%.

Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2007-2013 Influenza Seasons Through the Week Ending November 17, 2012 (Week 46)



*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 November 17, 2012 (Week 46), 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 10, 2012 (week 45), Flu View reported no states with widespread. Four states reported regional influenza activity, eight state reported local influenza activity, 32 states reported sporadic influenza activity, five states reported no activity and one state did not report. 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).