



Missouri Weekly Influenza Report 2012-2013 Season¹

Missouri is reporting “Sporadic” to the CDC for Week 44².

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 3, 2012 (Week 44)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 44	14	0	0	0	116	0	130

Four specimens were received by the State Public Health Laboratory for viral testing during week 44; all were negative for influenza.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending November 3, 2012 (Week 44)

Influenza Type	2012-2013 Season	5-Season Median	% Change from 5-Season Median
Influenza A	86	47	83.0%
Influenza B	459	41	1019.5%
Influenza Unknown Or Untyped	5	5	0.0%
Total	550	99	455.6%

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending November 3, 2012 (Week 44)

Age Group	2012-2013 Season	5-Season Median	% Change from 5-Season Median
00-<02	45	7	542.9%
02-04	81	7	1057.1%
05-14	234	16	1362.5%
15-24	43	9	377.8%
25-49	86	35	145.7%
50-64	38	13	192.3%
65+	23	13	76.9%
Total	550	99	455.6%

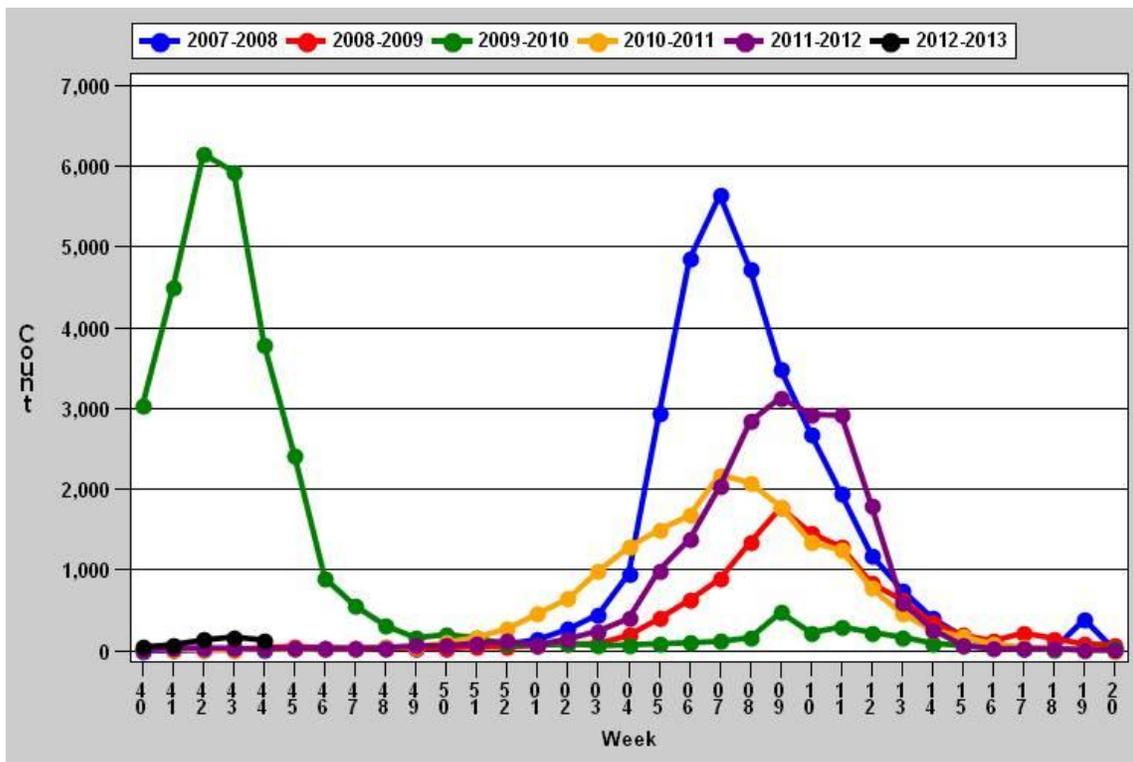
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending November 3, 2012 (Week 44)

District	2012-2013 Season	5-Season Median	% Change from 5-Season Median
CE	229	10	2190.0%
EA	232	26	792.3%
NW	38	21	81.0%
SE	36	22	63.6%
SW	15	27	(44.4%)
Total	550	99	455.6%

Table 5. Deaths involving Pneumonia and Influenza (P&I) Reported During the Week Ending October 27, 2012 (Week 43)

Week 43	Season-to-Date 2012-2013	Season-to-Date 2011-2012	Week 43 Last Season	5 Year Weekly Median
54	320	405	107	80

Graph 1. Reported Influenza Cases 2012-2013 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending November 3, 2012 (Week 44)



The number of reported influenza cases for week 44 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 3, 2012 (Week 44)

	Outbreaks		Closures	
	Current Season 2012-2013	Previous Season 2011-2012	Current Season 2012-2013	Previous Season 2011-2012
Week 44	0	0	0	0
Season-to-Date (Week 40-Week 44)	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 3, 2012 (Week 44)**

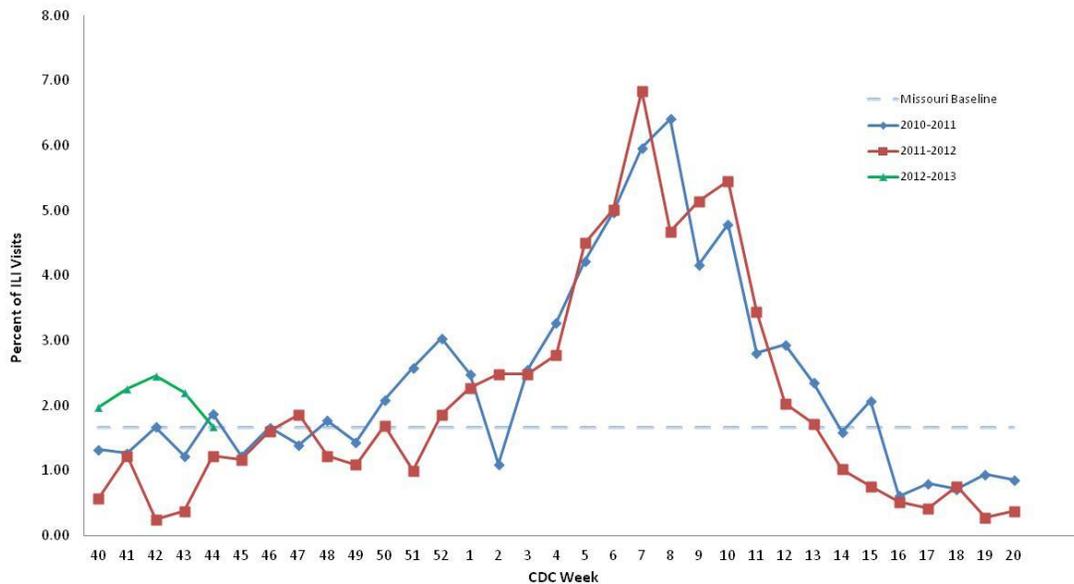
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain	0	1	0	0	0	1	212	0.47
Boone								
Buchanan								
Butler								
Callaway	1	1	6	2	0	10	196	5.1
Cape Girardeau	0	0	0	0	0	0	53	0
Clay								
Cole								
Gasconade								
Greene								
Howell								
Iron								
Jackson								
Kansas City								
Knox	0	0	0	0	0	0	85	0
Lawrence								
Marion	0	0	0	0	0	0	104	0
McDonald	0	0	0	0	0	0	116	0
Moniteau	0	0	0	0	0	0	122	0
Nodaway								
Pettis	0	0	0	0	0	0	281	0
Phelps								
Putnam	0	4	2	2	0	8	160	5
Reynolds								
Saline	1	4	0	2	0	7	197	3.55
St. Clair	0	0	0	0	0	0	26	0
State Total	2	10	8	6	0	26	1,552	1.68

*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 below the national baseline of 2.2%.

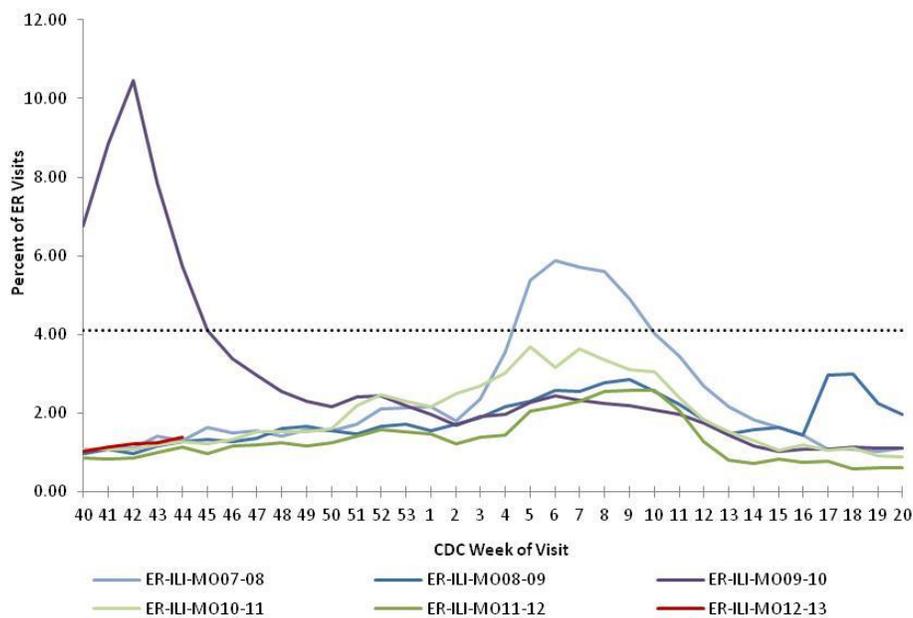
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2012-2013 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending November 3, 2012 (Week 44)



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 1.68% for week ending November 3, 2012 (week 44). This is slightly above Missouri’s baseline of 1.66%.

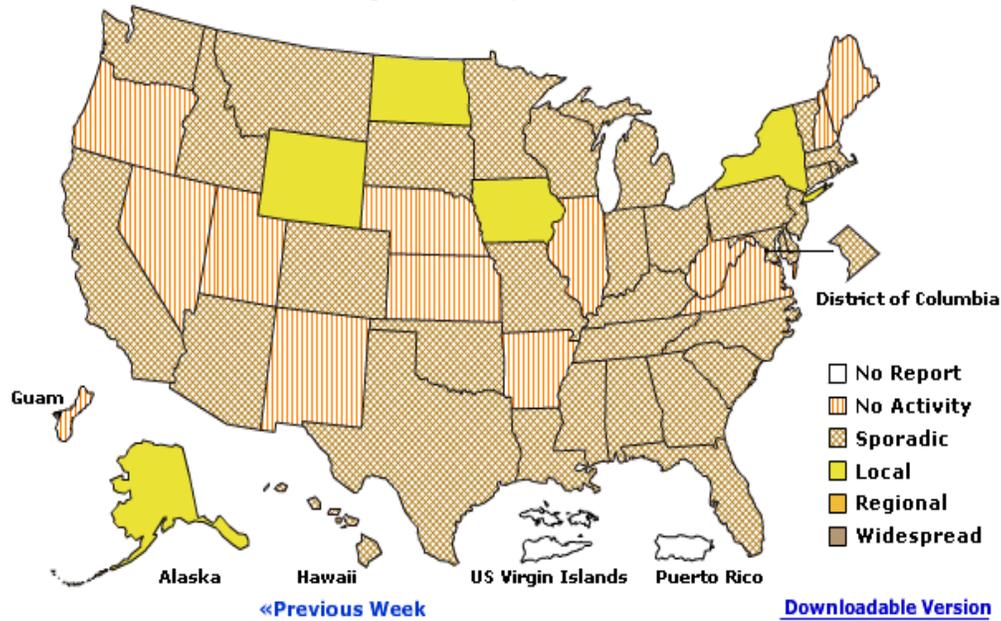
Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2007-2013 Influenza Seasons Through the Week Ending November 3, 2012 (Week 44)



*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.

**A Weekly Influenza Surveillance Report Prepared by the Influenza Division
Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists***

Week Ending October 27, 2012- Week 43



*This map indicates geographic spread and does not measure the severity of influenza activity.

For the week ending November 3, 2012 (Week 44), 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 October 27, 2012 (week 43), Flu View reported no states with widespread or regional influenza activity. Five state reported local influenza activity, 33 states reported sporadic influenza activity, and 12 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).