



Missouri Weekly Influenza Report 2012-2013 Season¹

Missouri is reporting “Sporadic” to the CDC for Week 45².

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 10, 2012 (Week 45)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 45	13	0	0	0	174	0	187

A total of two specimens were received by the State Public Health Laboratory for viral testing during week 45. One was positive for Influenza B and one was negative for influenza.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending November 10, 2012 (Week 45)

Influenza Type	2012-2013 Season	5-Season Median	% Change from 5-Season Median
Influenza A	116	79	46.8%
Influenza B	731	60	1118.3%
Influenza Unknown Or Untyped	5	8	(37.5%)
Total	852	151	464.2%

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending November 10, 2012 (Week 45)

Age Group	2012-2013 Season	5-Season Median	% Change from 5-Season Median
00-<02	69	10	590.0%
02-04	135	9	1400.0%
05-14	371	22	1586.4%
15-24	63	13	384.6%
25-49	127	46	176.1%
50-64	53	19	178.9%
65+	34	15	126.7%
Total	852	151	464.2%

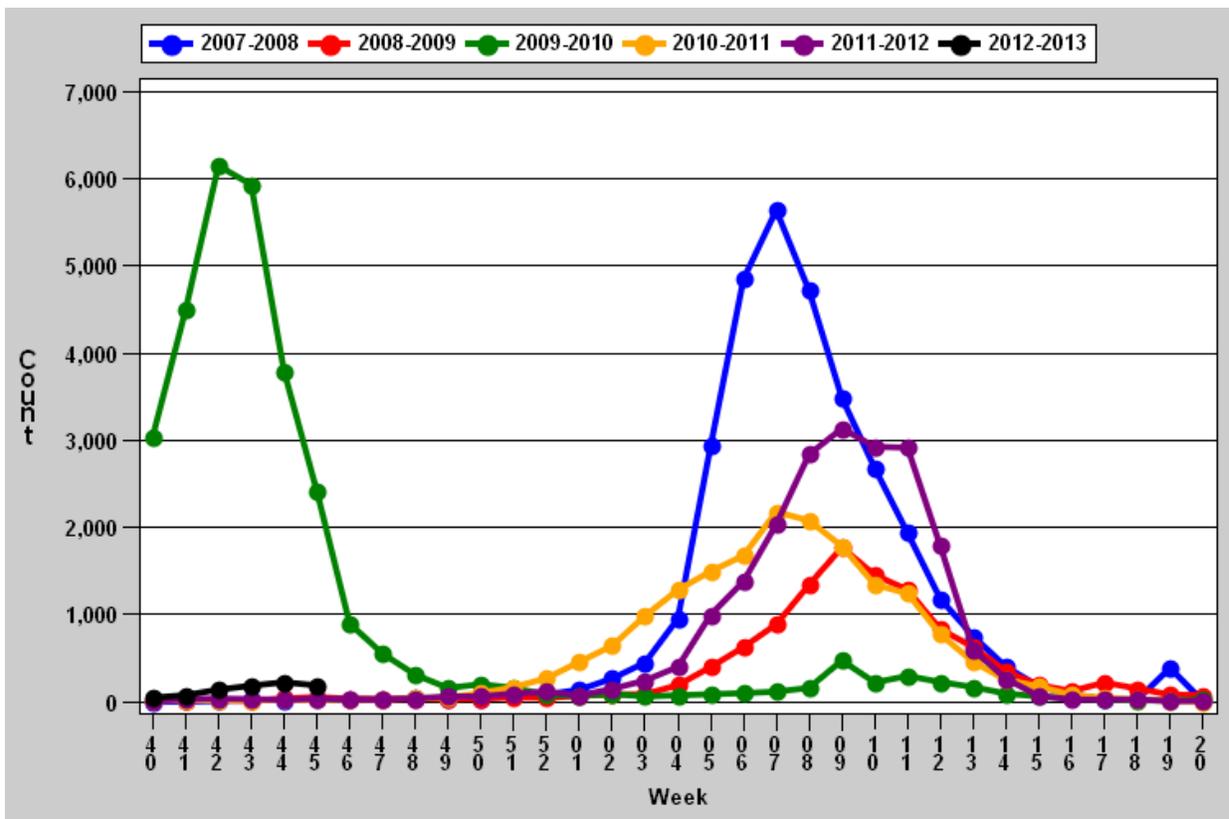
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending November 10, 2012 (Week 45)

District	2012-2013 Season	5-Season Median	% Change from 5-Season Median
CE	317	14	2164.3%
EA	431	30	1336.7%
NW	45	31	45.2%
SE	37	34	8.8%
SW	22	29	(24.1%)
Total	852	151	464.2%

**Table 5. Deaths involving Pneumonia and Influenza (P&I)
Reported During the Week Ending November 3, 2012 (Week 44)**

Week 44	Season-to-Date 2012-2013	Season-to-Date 2011-2012	Week 44 Last Season	5 Year Weekly Median
82	402	489	84	83

**Graph 1. Reported Influenza Cases 2012-2013 Season-To-Date as compared to the previous
Five Influenza Seasons Through the Week Ending November 10, 2012 (Week 45)**



The number of reported influenza cases for week 45 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 10, 2012 (Week 45)**

	Outbreaks		Closures	
	Current Season 2012-2013	Previous Season 2011-2012	Current Season 2012-2013	Previous Season 2011-2012
Week 45	0	0	0	0
Season-to-Date (Week 40-Week 45)	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 10, 2012 (Week 45)**

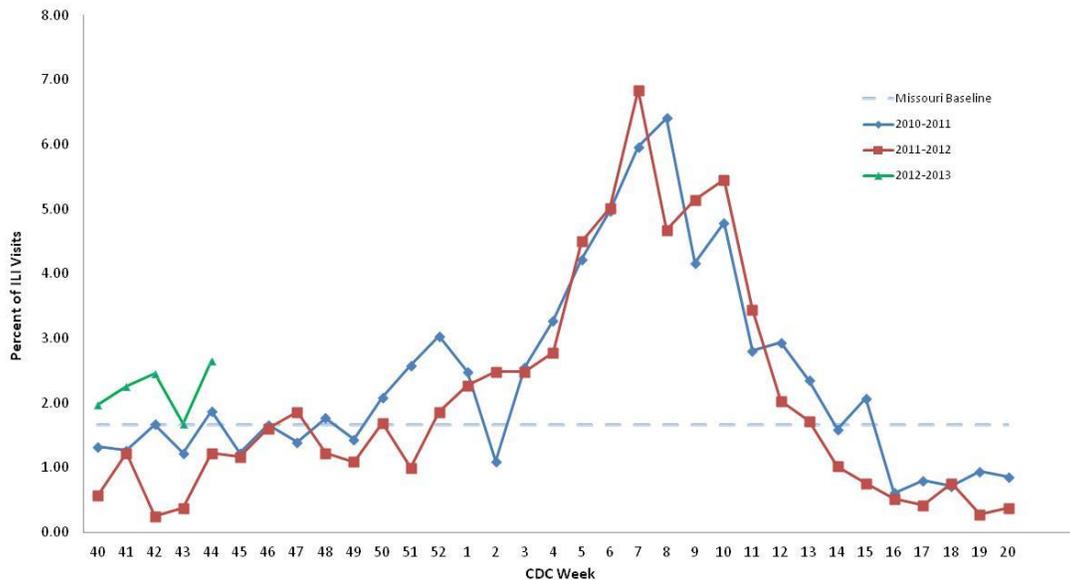
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair	0	0	0	0	0	0	151	0
Audrain								
Boone								
Buchanan								
Butler								
Callaway								
Cape Girardeau	0	0	0	0	0	0	82	0
Clay	0	0	0	0	0	0	195	0
Cole	25	15	19	6	8	73	614	11.89
Gasconade								
Greene								
Howell								
Iron								
Jackson	12	13	12	6	3	46	2772	1.66
Kansas City								
Knox								
Lawrence								
Marion	0	0	0	0	0	0	96	0
McDonald	0	0	0	0	0	0	114	0
Moniteau	0	0	0	0	0	0	116	0
Nodaway								
Pettis								
Phelps	0	0	1	0	0	1	285	0.35
Putnam	0	1	0	0	0	1	274	3.70
Reynolds								
Saline	4	4	0	0	1	9	181	4.97
St. Clair	0	0	0	0	0	0	27	0
State Total	41	33	32	12	12	130	4907	2.65

*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%.

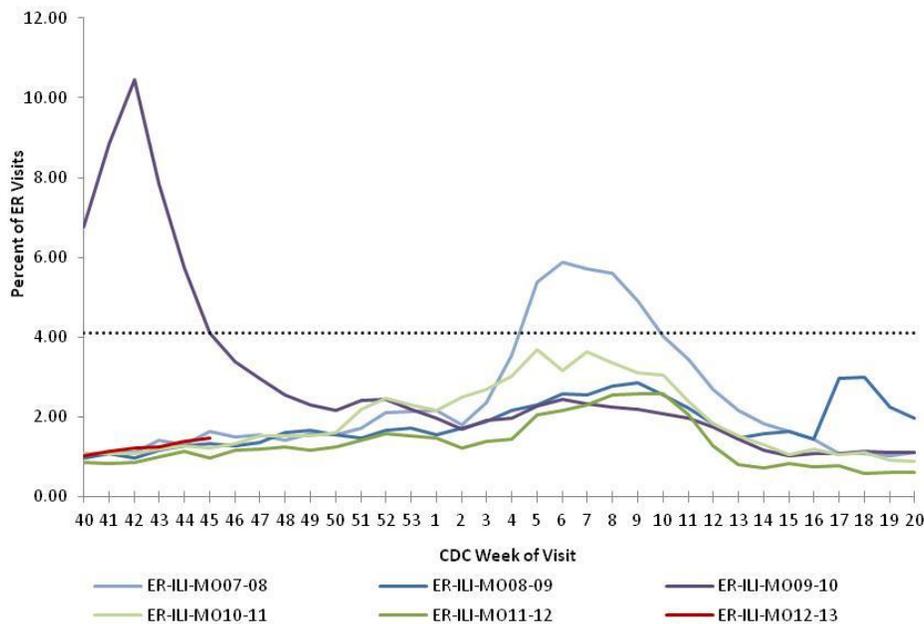
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2012-2013 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending November 10, 2012 (Week 45)



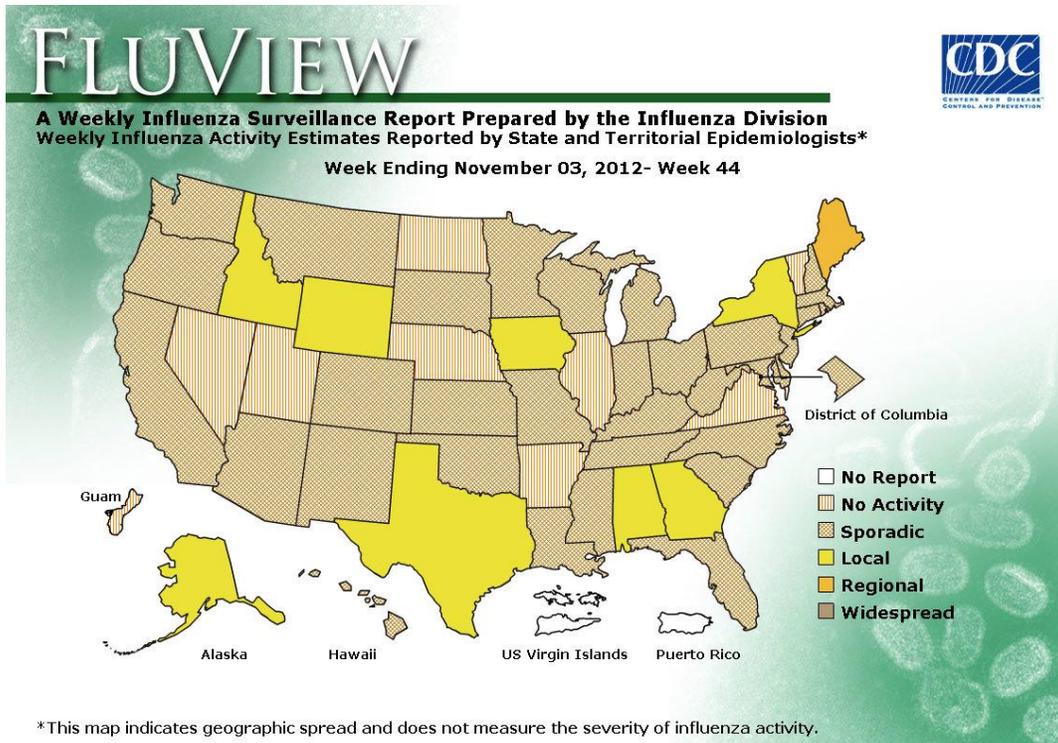
ILINet baseline refers to the mean of the values during previous three influenza seasons (week 40-20, 2008-2009, 2010-11 and 2011-12) with low influenza activity.

The proportion of patient visits for influenza-like illness is 2.65% for week ending November 10, 2012 (week 45). 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 10, 2012 (Week 45)



*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 10, 2012 (Week 45), 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 3, 2012 (week 44), Flu View reported no states with widespread. One state reported regional influenza activity, eight state reported local influenza activity, 33 states reported sporadic influenza activity, and 8 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).