



Missouri Weekly Influenza Report 2012-2013 Season¹

Missouri is reporting “Regional” to the CDC for Week 50².

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 December 15, 2012 (Week 50)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 50	109	0	0	1	991	45	1,146

A total of twelve specimens were received by the State Public Health Laboratory for viral testing during week 50. Eight were positive for Influenza B, one was positive for Influenza A H3, and three were negative for influenza.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending December 15, 2012 (Week 50)

Influenza Type	2012-2013 Season	5-Season Median	% Change from 5-Season Median
Influenza A	658	189	247.6%
Influenza B	5,373	97	5439.2%
Influenza Unknown Or Untyped	132	36	266.7%
Total	6,163	355	1636.1%

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending December 15, 2012 (Week 50)

Age Group	2012-2013 Season	5-Season Median	% Change from 5-Season Median
00-<02	431	34	1167.6%
02-04	979	43	2176.7%
05-14	2,858	71	3925.4%
15-24	359	36	897.2%
25-49	914	96	852.1%
50-64	385	37	940.5%
65+	237	30	690.0%
Total	6,163	355	1636.1%

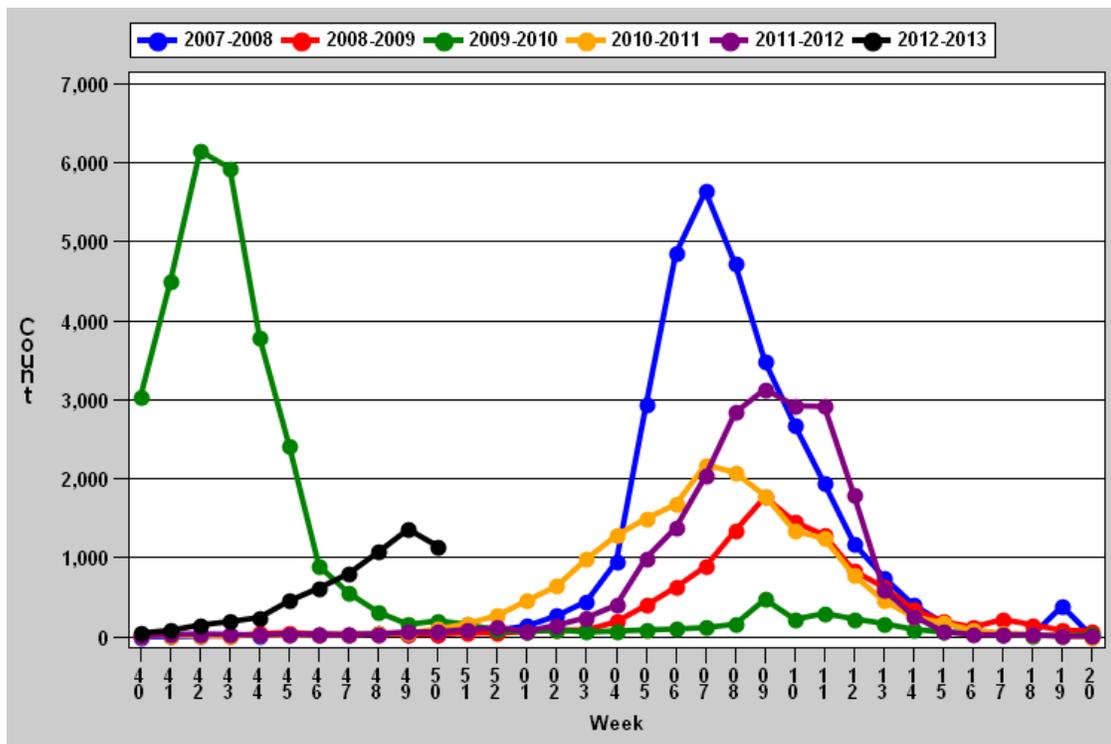
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending December 15, 2012 (Week 50)

District	2012-2013 Season	5-Season Median	% Change from 5-Season Median
CE	1,600	52	2976.9%
EA	2,932	76	3757.9%
NW	880	66	1233.3%
SE	518	48	979.2%
SW	233	66	253.0%
Total	6,163	355	1636.1%

**Table 5. Deaths involving Pneumonia and Influenza (P&I)
Reported During the Week Ending December 8, 2012 (Week 49)**

Week 49	Season-to-Date 2012-2013	Season-to-Date 2011-2012	Week 49 Last Season	5 Year Weekly Median
59	722	881	99	78

**Graph 1. Reported Influenza Cases 2012-2013 Season-To-Date as compared to the previous
Five Influenza Seasons Through the Week Ending December 15, 2012 (Week 50)**



The number of reported influenza cases for week 50 of the 2012-2013 season is above historical trends.

**Table 6. Outbreaks/Closures Due to Influenza-like Illness
Reported During the Week Ending December 15, 2012 (Week 50)**

	Outbreaks		Closures	
	Current Season 2012-2013	Previous Season 2011-2012	Current Season 2012-2013	Previous Season 2011-2012
Week 50	0	0	0	0
Season-to-Date (Week 40-Week 50)	1	0	5	0

**Table 7. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County
Influenza-like Illness (ILI) for the Week Ending December 15, 2012 (Week 50)**

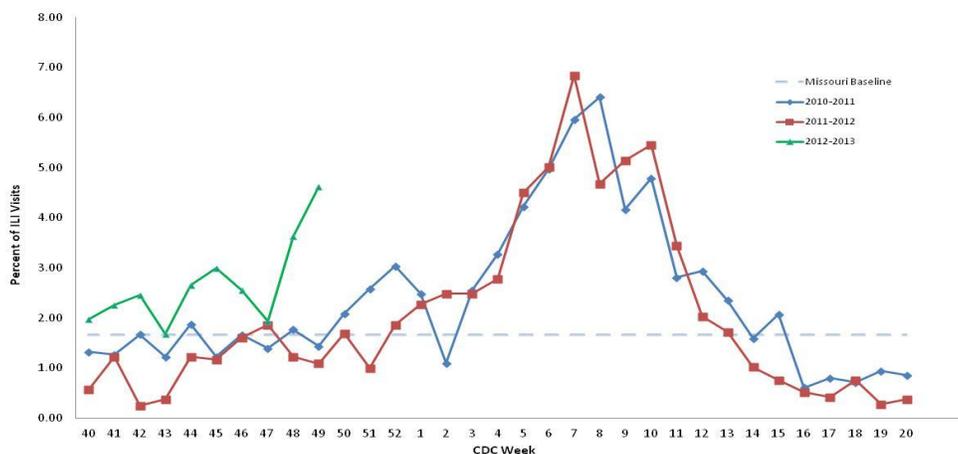
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain	2	5	0	0	0	7	249	2.81
Boone								
Callaway	5	7	4	0	0	16	199	8.04
Cape Girardeau	0	0	0	0	0	0	69	0
Clay	0	0	1	0	0	1	194	0.52
Cole	32	13	12	5	7	69	683	10.10
Gasconade								
Greene	0	0	0	0	0	0	143	0
Iron								
Jackson	4	4	0	0	0	8	209	3.83
Kansas City								
Knox	0	2	0	0	0	2	98	2.04
Marion	0	0	0	0	0	0	103	0
McDonald	2	4	3	2	0	11	303	3.63
Moniteau	1	3	1	3	0	8	155	5.16
Nodaway	0	0	0	0	0	0	113	0
Pettis								
Phelps	0	0	0	0	0	0	169	0
Putnam	4	9	3	0	0	16	299	5.35
Reynolds								
Saline	4	3	1	0	1	9	174	5.17
St. Clair	0	0	0	0	0	0	20	0
State Total	54	50	25	10	8	147	3180	4.62

*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%.

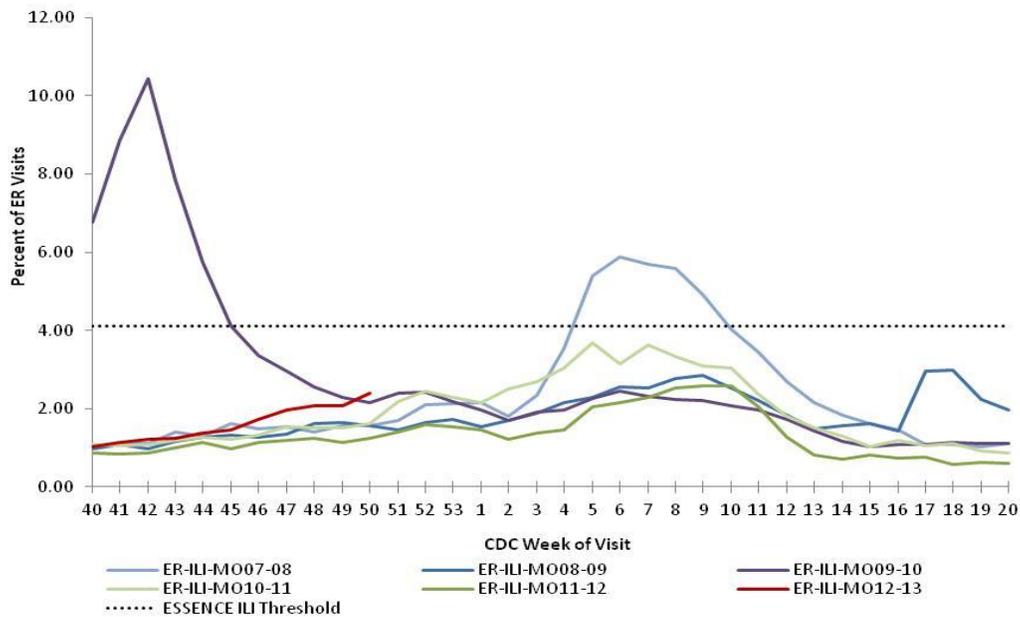
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2012-2013 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending December 15, 2012 (Week 50)



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.

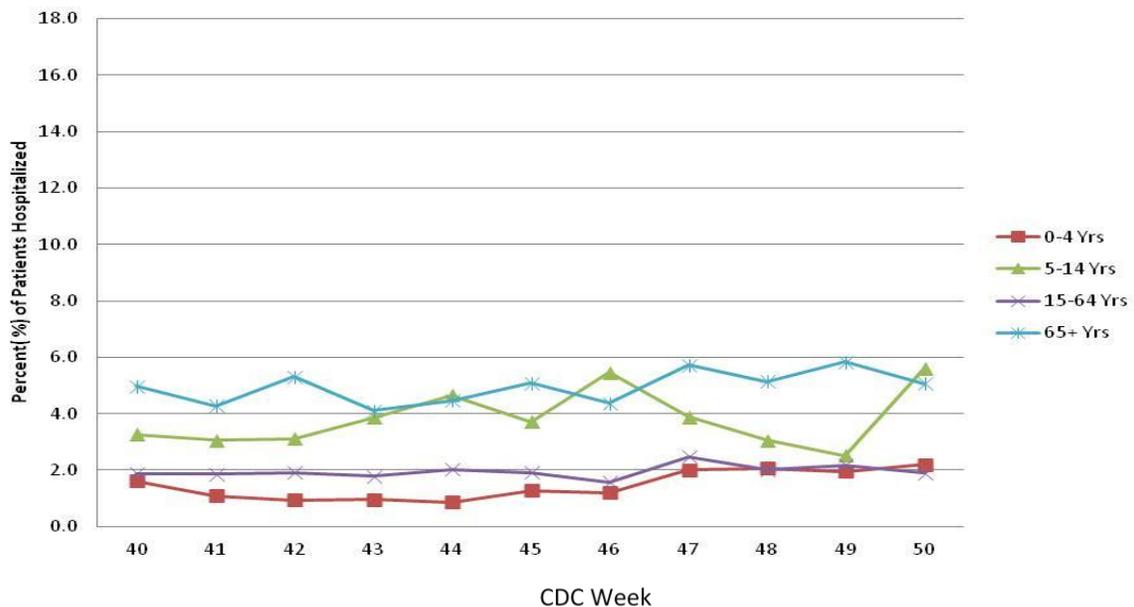
The proportion of patient visits for influenza-like illness is 4.62% for the week ending December 15, 2012 (week 50). This is above Missouri’s baseline of 1.66%, and also above the previous two influenza seasons.

Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2007-2013 Influenza Seasons Through the Week Ending December 15, 2012 (Week 50)



*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. Percentage of Patients Hospitalized for Influenza and/or Pneumonia Syndromes By Age Group from 90 Participating Missouri Hospitals Through the Week Ending December 15, 2012 (Week 50)



*Please use caution when comparing current 2012-2013 influenza season inpatient hospitalization numbers to previous years due to major revisions to the inpatient database environment.

The 5-14 age group increased to 5.62% in week 50, and the 0-4 age group increased slightly to 2.20%. The other two age groups decreased in Week 50.

