



Missouri Weekly Influenza Report 2011-2012 Season¹

Missouri is reporting “Sporadic” to the CDC for Week 2².

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 January 14, 2012 (Week 2)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 2	23	0	0	0	9	1	33

Two specimens were received by the State Public Health Laboratory for viral testing during week 2; both were negative.

Table 2. Influenza Season-to-Date and 5-Season Median by Influenza Type Through Week Ending January 14, 2012 (Week 2)

Influenza Type	2011-2012 Season	5-Season Median	% Change from 5-Season Median
Influenza A	335	1,586	(78.9%)
Influenza B	242	248	(2.4%)
Influenza Unknown Or Untyped	50	126	(60.3%)
Total	627	1,891	(66.8%)

Table 3. Influenza Season-to-Date and 5-Season Median by Age Group Through Week Ending January 14, 2012 (Week 2)

Age Group	2011-2012 Season	5-Season Median	% Change from 5-Season Median
00-<02	57	169	(66.3%)
02-04	81	282	(71.3%)
05-14	138	414	(66.7%)
15-24	55	318	(82.7%)
25-49	152	480	(68.3%)
50-64	63	135	(53.3%)
65+	81	93	(12.9%)
Total	627	1,891	(66.8%)

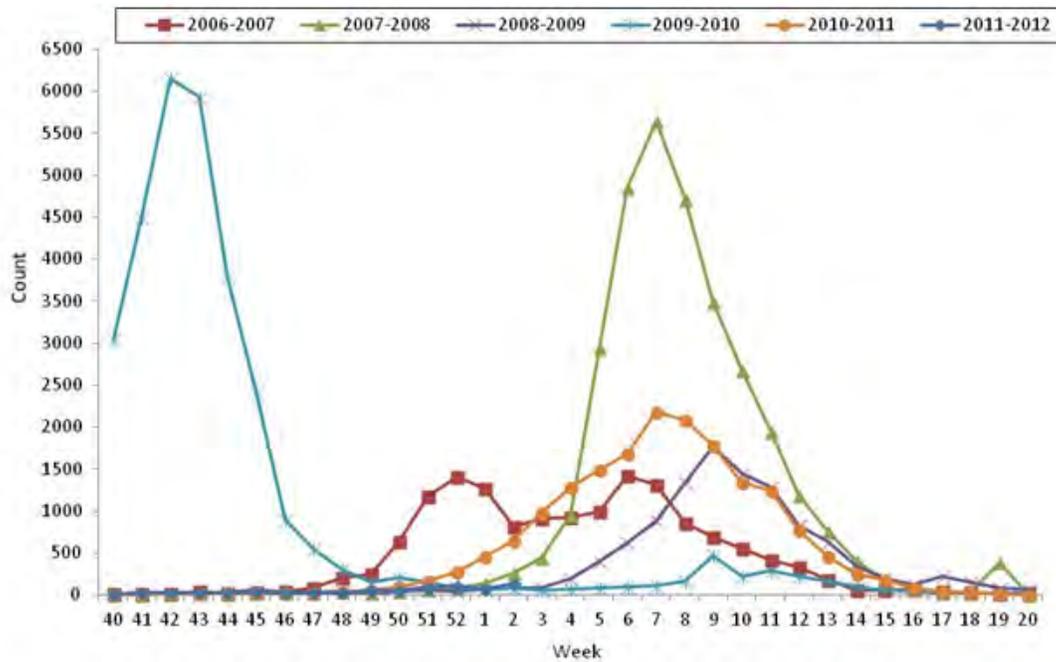
Table 4. Influenza Season-to-Date and 5-Season Median by District Through Week Ending January 14, 2012 (Week 2)

District	2011-2012 Season	5-Season Median	% Change from 5-Season Median
CE	120	203	(40.9%)
EA	125	1,018	(87.7%)
NW	258	242	6.6%
SE	52	217	(76.0%)
SW	72	323	(77.7%)
Total	627	1,891	(66.8%)

Table 5. Deaths involving Pneumonia and Influenza (P&I) Reported During the Week Ending January 7, 2012 (Week 1)

Week 1	Season-to-Date 2011-2012	Season-to-Date 2010-2011	Week 1 Last Season	5 Year Weekly Median
85	1,231	1,245	110	70

Graph 1. Reported Influenza Cases 2011-2012 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending January 14, 2012 (Week 2)



The number of reported influenza cases for week 2 of the 2011-2012 season is following historical trends.

Table 6. Outbreaks/Closures Due to Influenza-like Illness Reported During the Week Ending January 14, 2012 (Week 2)

	Outbreaks		Closures	
	Current Season 2011-2012	Previous Season 2010-2011	Current Season 2011-2012	Previous Season 2010-2011
Week 2	0	0	0	0
Season-to-date (Week 40-Week 2)	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 January 14, 2012 (Week 2)**

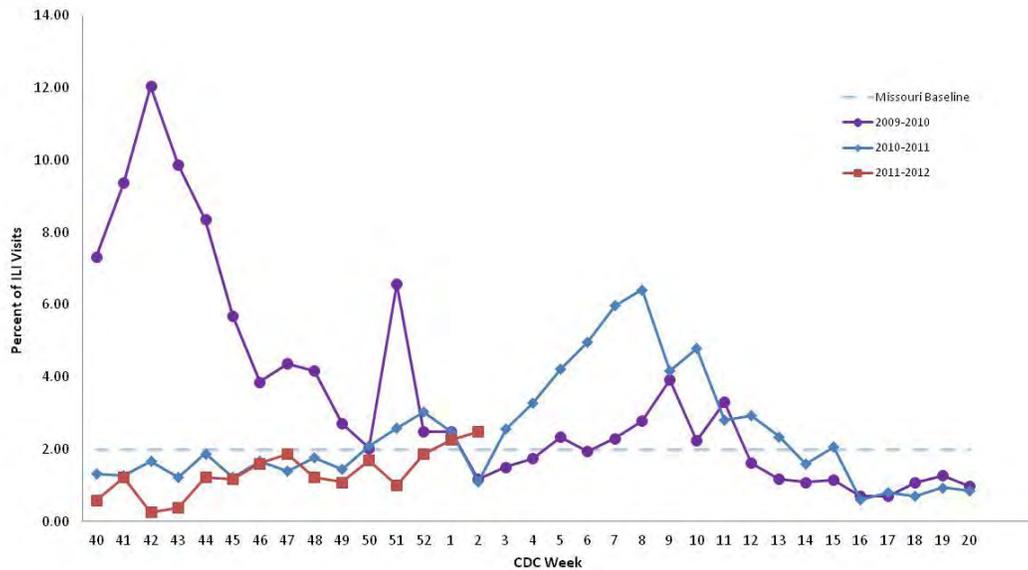
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair								
Audrain	0	0	0	0	0	0	207	0
Boone								
Buchanan								
Butler								
Callaway								
Cape Girardeau								
Clay	0	0	0	0	0	0	242	0
Cole	9	6	8	3	10	36	592	6.08
Gasconade								
Greene								
Howell								
Iron								
Jackson	33	26	14	0	1	74	2,899	2.55
Kansas City								
Knox								
Lawrence								
Marion	0	0	0	0	0	0	77	0
McDonald	0	0	0	0	0	0	144	0
Moniteau								
Nodaway								
Pettis								
Phelps								
Putnam	0	0	0	0	0	0	198	0
Reynolds								
Saline	2	0	1	1	0	4	175	2.29
St. Clair	0	0	0	0	0	0	45	0
State Total	44	32	23	4	11	114	4,579	2.49

*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 **above** the national baseline of 2.4%.

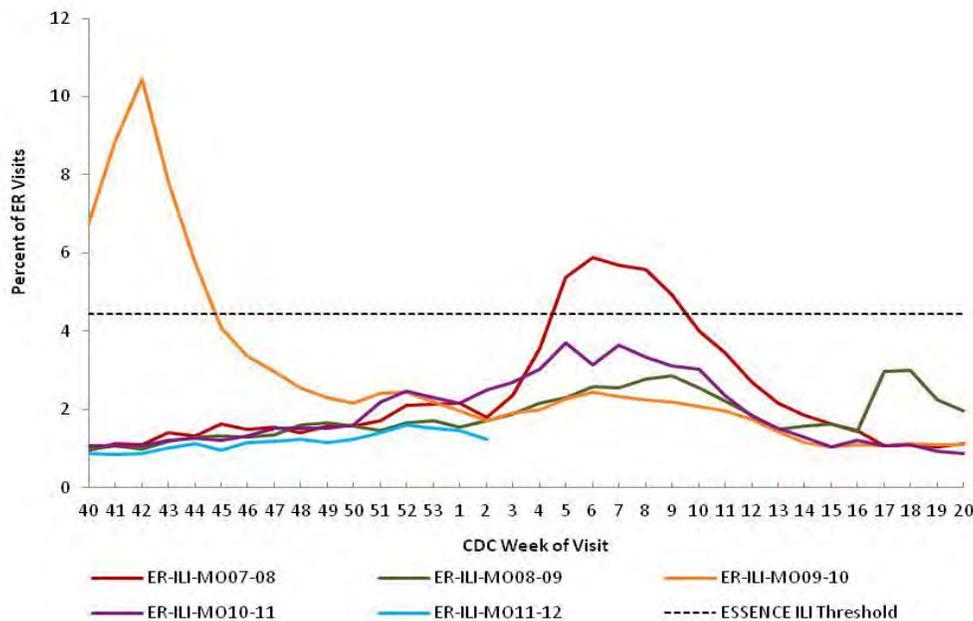
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2011-2012 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending January 14, 2012 (Week 2)



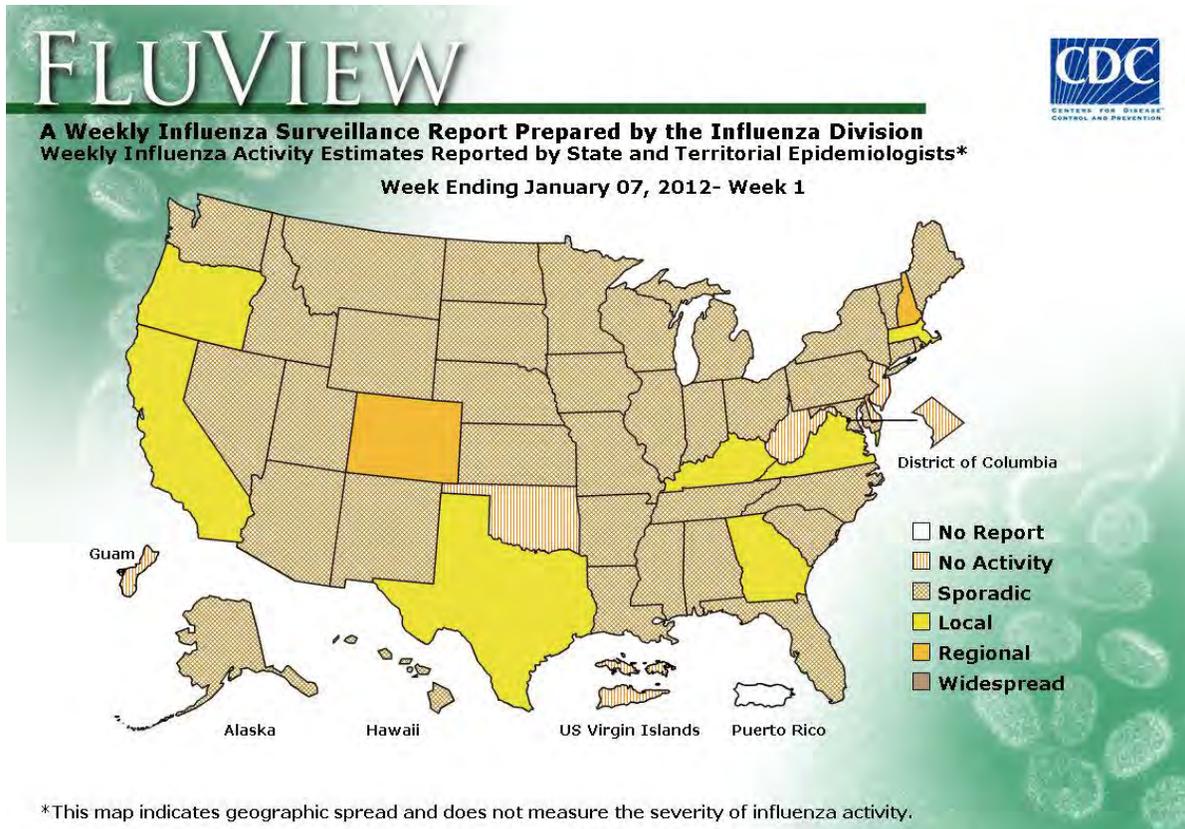
ILINet baseline refers to the mean plus two standard deviations of the values during previous influenza seasons (week 40-20, 2008-2009)

The proportion of patient visits for influenza-like illness is 2.49% for week ending January 14, 2012 (Week 2). This is above Missouri’s baseline of 1.98%.

Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2007-2012 Influenza Seasons Through the Week Ending January 14, 2012 (Week 2)



*ESSENCE ILI Threshold refers to the mean plus 2 standard deviations of the values during previous influenza seasons (week 40-20, 2006-2007) when influenza activity was low.



For the week ending January 14, 2012 (Week 2), 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 January 7, 2012 (Week 1), Flu View reported no states with widespread influenza activity. Two states reported regional influenza activity, seven states reported local influenza activity, 37 states reported sporadic influenza activity and four 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**.

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).