



Missouri Weekly Influenza Report 2011-2012 Season¹

Missouri is reporting “Regional” to the CDC for Week 6².

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 February 11, 2012 (Week 6)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 6	707	0	0	5	11	8	731

A total of 13 specimens were received by the State Public Health Laboratory for viral testing during week 6. Five were positive for Influenza A (H3), one was positive for Influenza B, and seven were negative for influenza.

Table 2. Influenza Season-to-Date and 5-Season Median by Influenza Type Through Week Ending February 11, 2012 (Week 6)

Influenza Type	2011-2012 Season	5-Season Median	% Change from 5-Season Median
Influenza A	2,491	6,618	(62.4%)
Influenza B	320	922	(65.3%)
Influenza Unknown Or Untyped	163	2,316	(93.0%)
Total	2,974	9,983	(70.2%)

Table 3. Influenza Season-to-Date and 5-Season Median by Age Group Through Week Ending February 11, 2012 (Week 6)

Age Group	2011-2012 Season	5-Season Median	% Change from 5-Season Median
00-<02	248	999	(75.2%)
02-04	495	1,110	(55.4%)
05-14	1,097	2,124	(48.4%)
15-24	240	1,246	(80.7%)
25-49	503	1,595	(68.5%)
50-64	192	435	(55.9%)
65+	199	268	(25.7%)
Total	2,974	9,983	(70.2%)

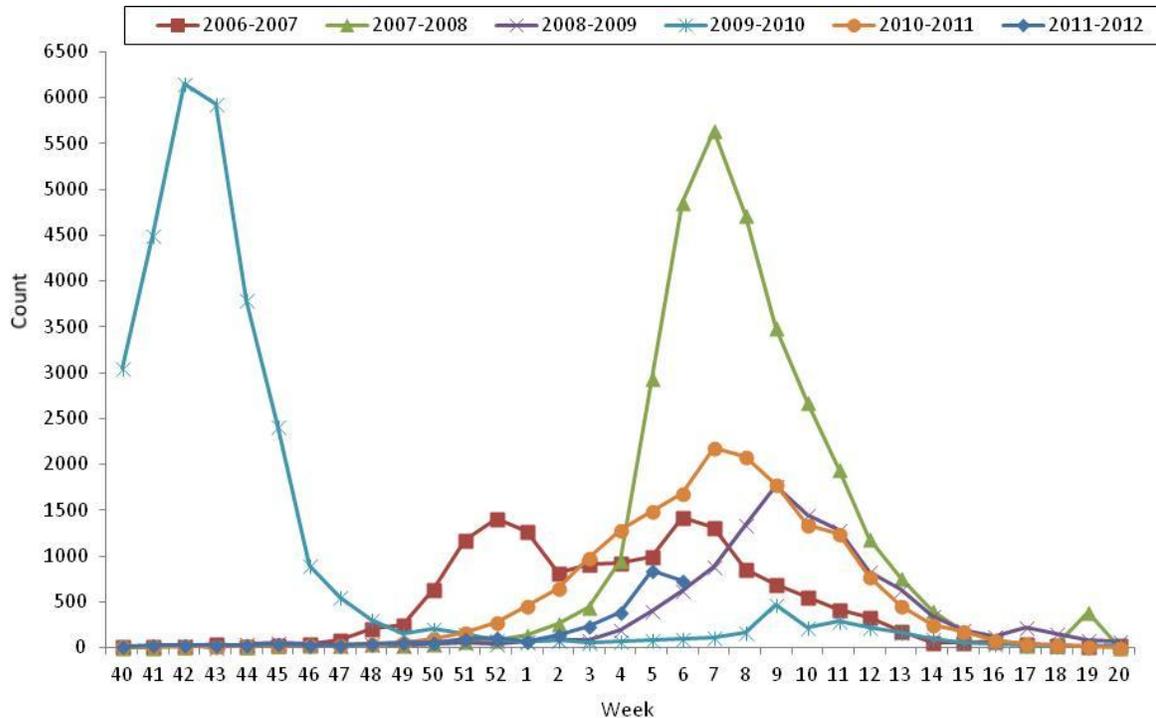
Table 4. Influenza Season-to-Date and 5-Season Median by District Through Week Ending February 11, 2012 (Week 6)

District	2011-2012 Season	5-Season Median	% Change from 5-Season Median
CE	367	1,384	(73.5%)
EA	468	2,598	(82.0%)
NW	1,912	1,747	9.4%
SE	74	1,380	(94.6%)
SW	153	1,440	(89.4%)
Total	2,974	9,983	(70.2%)

Table 5. Deaths involving Pneumonia and Influenza (P&I) Reported During the Week Ending February 4, 2012 (Week 5)

Week 5	Season-to-Date 2011-2012	Season-to-Date 2010-2011	Week 5 Last Season	5 Year Weekly Median
105	1,695	1,532	23	81

Graph 1. Reported Influenza Cases 2011-2012 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending February 11, 2012 (Week 6)



The number of reported influenza cases for week 6 of the 2011-2012 season is following historical trends.

Table 6. Outbreaks/Closures Due to Influenza-like Illness Reported During the Week Ending February 11, 2012 (Week 6)

	Outbreaks		Closures	
	Current Season 2011-2012	Previous Season 2010-2011	Current Season 2011-2012	Previous Season 2010-2011
Week 6	1	2	2	0
Season-to-Date (Week 40-Week 6)	3	3	4	0

**Table 7. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County
Influenza-like Illness (ILI) for the Week Ending February 11, 2012 (Week 6)**

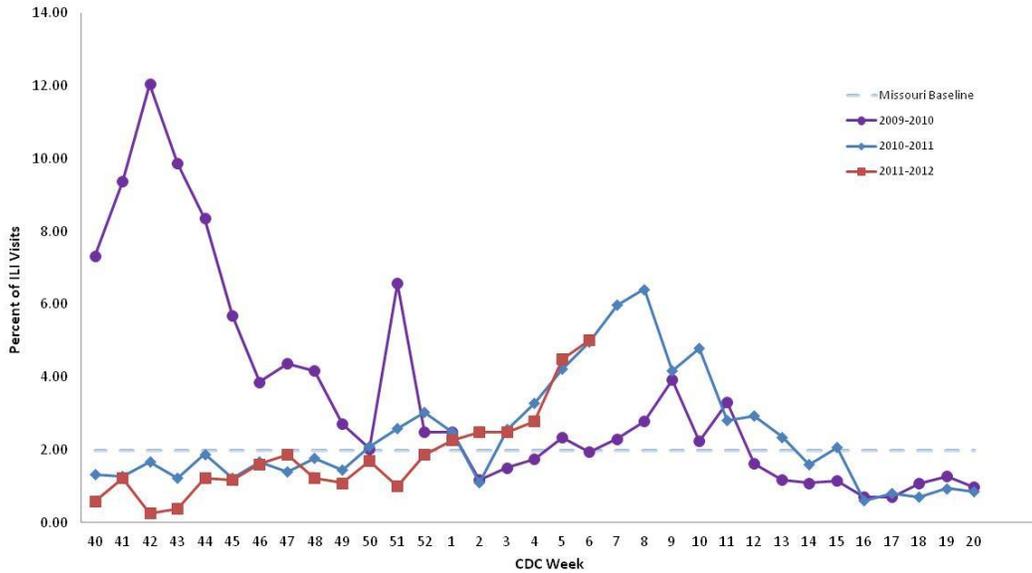
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair	0	6	0	0	0	6	182	3.3
Audrain	0	0	0	0	0	0	151	0
Boone	0	1	0	0	0	1	715	0.14
Buchanan								
Butler								
Callaway								
Cape Girardeau	0	0	0	0	0	0	54	0
Clay	1	1	1	0	0	3	247	1.21
Cole	23	31	12	5	11	82	680	12.06
Gasconade								
Greene								
Howell								
Iron								
Jackson	72	75	43	5	3	198	2912	6.8
Kansas City								
Knox								
Lawrence	0	0	1	0	0	1	69	1.45
Marion	0	0	0	0	0	0	95	0
McDonald	2	2	1	0	0	5	361	1.39
Moniteau	0	1	0	0	0	1	110	0.91
Nodaway								
Pettis								
Phelps	0	0	0	0	0	0	248	0
Putnam	0	0	0	1	0	1	165	0.61
Reynolds								
Saline	3	10	2	0	0	15	210	7.14
St. Clair	0	0	0	0	0	0	43	0
State Total	101	127	60	11	14	313	6242	5.01

*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%.

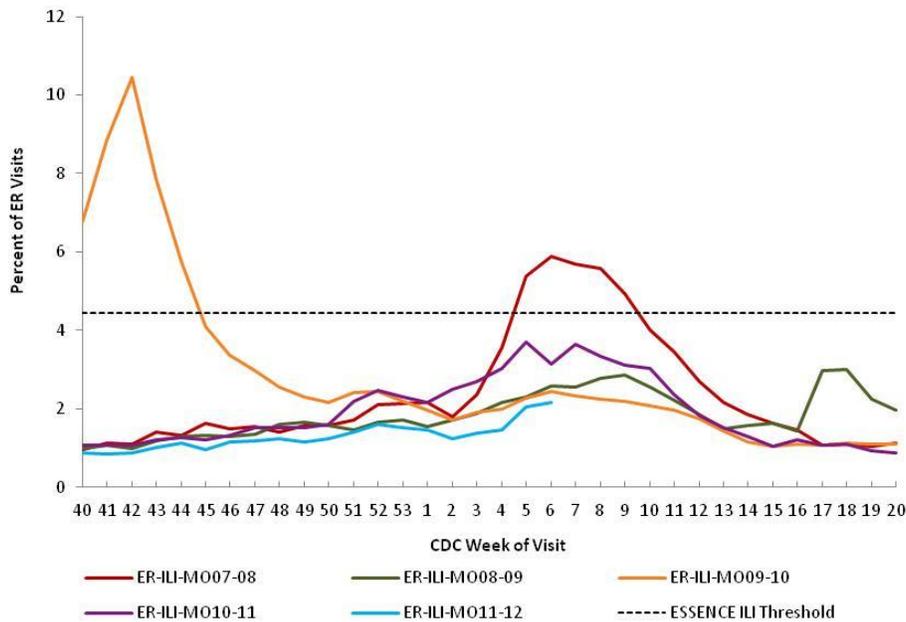
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2011-2012 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending February 11, 2012 (Week 6)



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

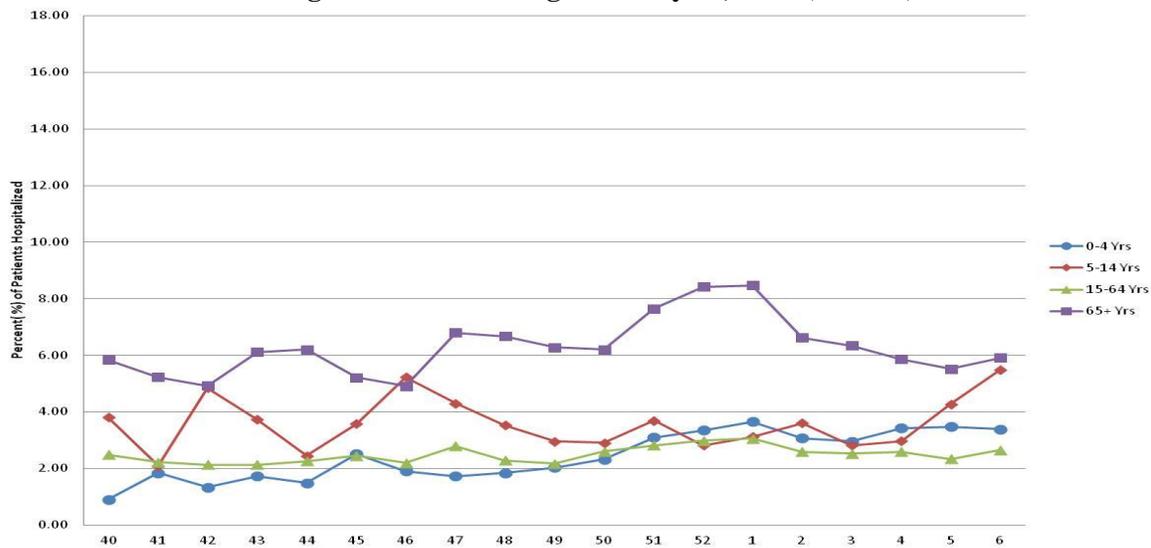
The proportion of patient visits for influenza-like illness is 5.01% for week ending February 11, 2012 (Week 6). This is above Missouri’s baseline of 1.98%.

Graph 3. Weekly Percentage of Influenza-like Illness Chief Complaints in ESSENCE Participating Hospitals 2007-2012 Influenza Seasons Through the Week Ending February 11, 2012 (Week 6)



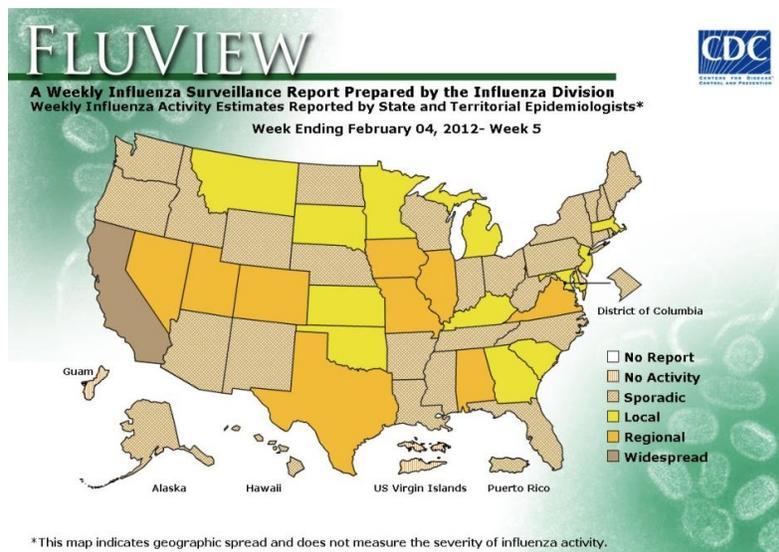
*ESSENCE ILI Threshold refers to the mean plus 2 standard deviations of the values during previous influenza seasons (week 40-20, 2006-2007) when influenza activity was low.

Graph 4. Percentage of Patients Hospitalized for Influenza and/or Pneumonia Syndromes By Age Group from 81 Participating Missouri Hospitals Through the Week Ending February 11, 2012 (Week 6)



*Please use caution when comparing current 2011-2012 influenza season inpatient hospitalization numbers to previous years due to major revisions to the inpatient database environment.

The 5-14 year age group has increased to 5.49%, the 65 and older age group has increased to 5.91%, and the 15-64 year age group has increased to 2.65% in Week 6. The 0-4 year age group has decreased to 3.38% in Week 6.



For the week ending February 11, 2012 (Week 6), Missouri reported **Regional** to CDC. Regional Activity is defined as: Increased ILI in at least 2 regions but fewer than half of the regions, **AND** recent (within the past 3 weeks) lab confirmed influenza in the affected regions. **OR** Institutional outbreaks (ILI or lab confirmed) in at least 2 regions, but fewer than half of the regions, **AND** recent lab confirmed influenza in the affected regions.

For the week ending February 4, 2012 (Week 5), Flu View reported one state with widespread influenza activity, nine states reported regional influenza activity, 12 states reported local influenza activity and 27 states reported sporadic influenza activity, and one state reported no influenza 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).