Missouri Weekly Influenza Report
2011-2012 Season[1]

Missouri is reporting "No Activity" to the CDC for Week 46[2].

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 19, 2011 (Week 46)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 46	5	0	0	0	11	2	18

One specimen was received by the State Public Health Laboratory for viral testing during week 46; it was negative.

Table 2. Influenza Season-to-Date and 5-season Median by Influenza Type Through Week Ending November 19, 2011 (Week 46)

Influenza Type	2011-2012 Season	5-Season Median	% Change from 5-Season Median
Influenza A	61	102	(40.2%)
Influenza B	77	45	71.1%
Influenza Unknown Or Untyped	7	17	(58.8%)
Total	145	166	(12.7%)

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending November 19, 2011 (Week 46)

Age Group	2011-2012 Season	5-Season Median	% Change from 5-Season Median
00-<02	11	12	(8.3%)
02-04	11	12	(8.3%)
05-14	23	26	(11.5%)
15-24	14	20	(30.0%)
25-49	38	36	5.6%
50-64	17	16	6.3%
65+	31	15	106.7%
Total	145	166	(12.7%)

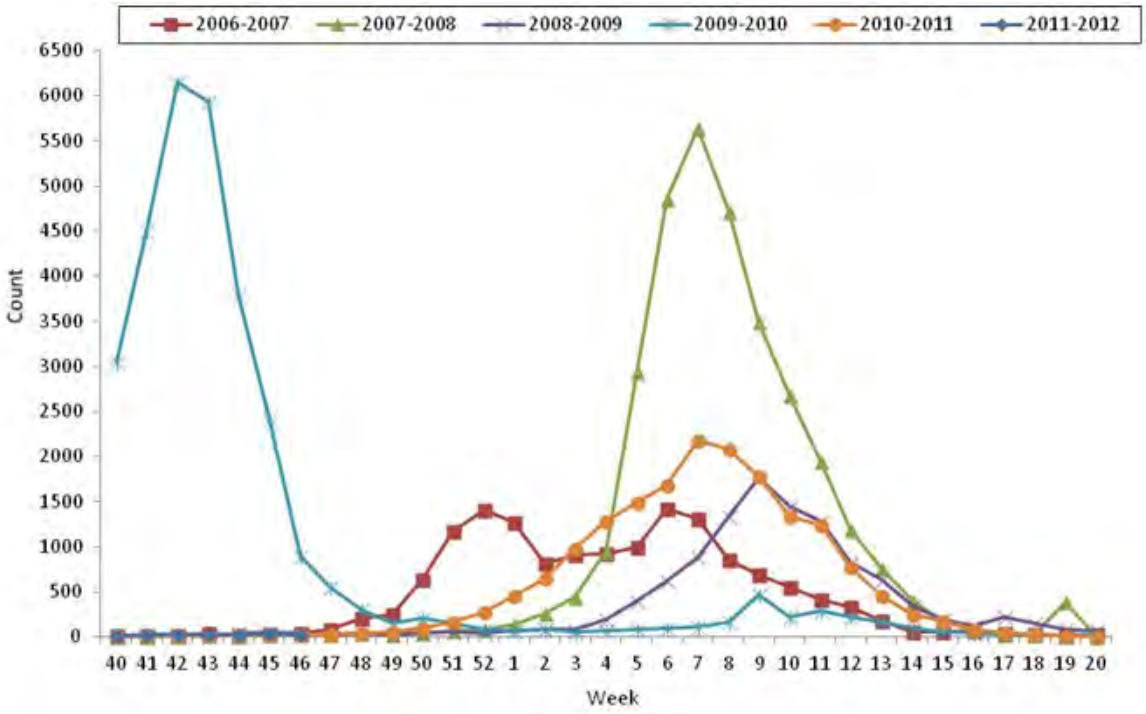
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending November 19, 2011 (Week 46)

District	2011-2012 Season	5-Season Median	% Change from 5-Season Median
CE	15	17	(11.8%)
EA	32	37	(13.5%)
NW	33	40	(17.5%)
SE	36	12	200.0%
SW	29	32	(9.4%)
Total	145	166	(12.7%)

Table 5. Deaths involving Pneumonia and Influenza (P&I)
Reported During the Week Ending November 12, 2011 (Week 45)

Week 45	Season-to-Date 2011-2012	Season-to-Date 2010-2011	Week 45 Last Season	5 Year Weekly Median
57	546	467	66	64

Graph 1. Reported Influenza Cases 2011-2012 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending November 19, 2011 (Week 46)



The number of reported influenza cases for week 46 of the 2011-2012 season is following historical trends.

Table 6. Outbreaks/Closures Due to Influenza-like Illness
Reported During the Week Ending November 19, 2011 (Week 46)

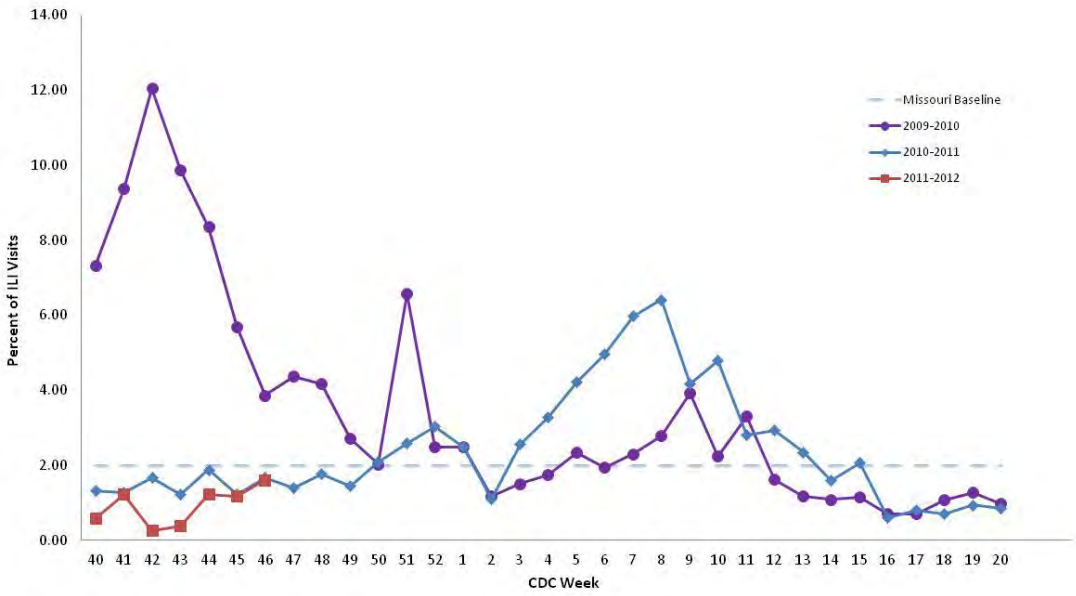
	Outbreaks		Closures	
	Current Season 2011-2012	Previous Season 2010-2011	Current Season 2011-2012	Previous Season 2010-2011
Week 46	0	0	0	0
Season –to-date (Week 40-Week 46)	0	0	0	0

Table 7. U.S. Outpatient Influenza-like Illness Surveillance Network (ILINet) by County Influenza-like Illness (ILI) for the Week Ending November 19, 2011 (Week 46)

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								
Boone								
Buchanan								
Butler								
Callaway								
Cape Girardeau	0	0	0	0	0	0	79	0
Clay	0	0	0	0	0	0	255	0
Cole	8	5	5	4	4	26	628	4.14
Gasconade								
Greene	0	0	0	0	0	0	94	0
Howell								
Iron	1	1	2	1	1	6	77	7.79
Jackson	1	1	0	0	0	2	188	1.06
Kansas City								
Knox								
Lawrence								
Marion	0	0	0	0	0	0	83	0
McDonald	0	0	0	0	0	0	293	0
Moniteau	0	0	0	0	0	0	155	0
Nodaway								
Pettis	0	0	0	0	0	0	383	0
Phelps	0	2	0	0	0	2	326	0.61
Putnam	1	2	0	2	1	6	167	3.59
Reynolds	0	0	0	0	0	0	29	0
Saline	2	3	1	0	0	6	170	3.53
St. Clair	0	0	0	0	0	0	57	0
State Total	13	14	8	7	6	48	2984	1.61

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

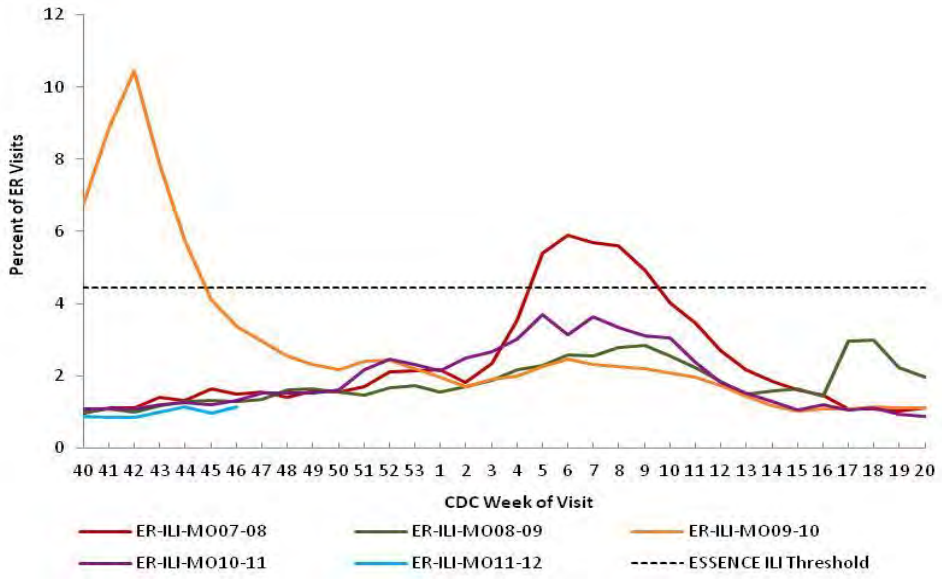
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2011-2012 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending November 19, 2011 (Week 46)



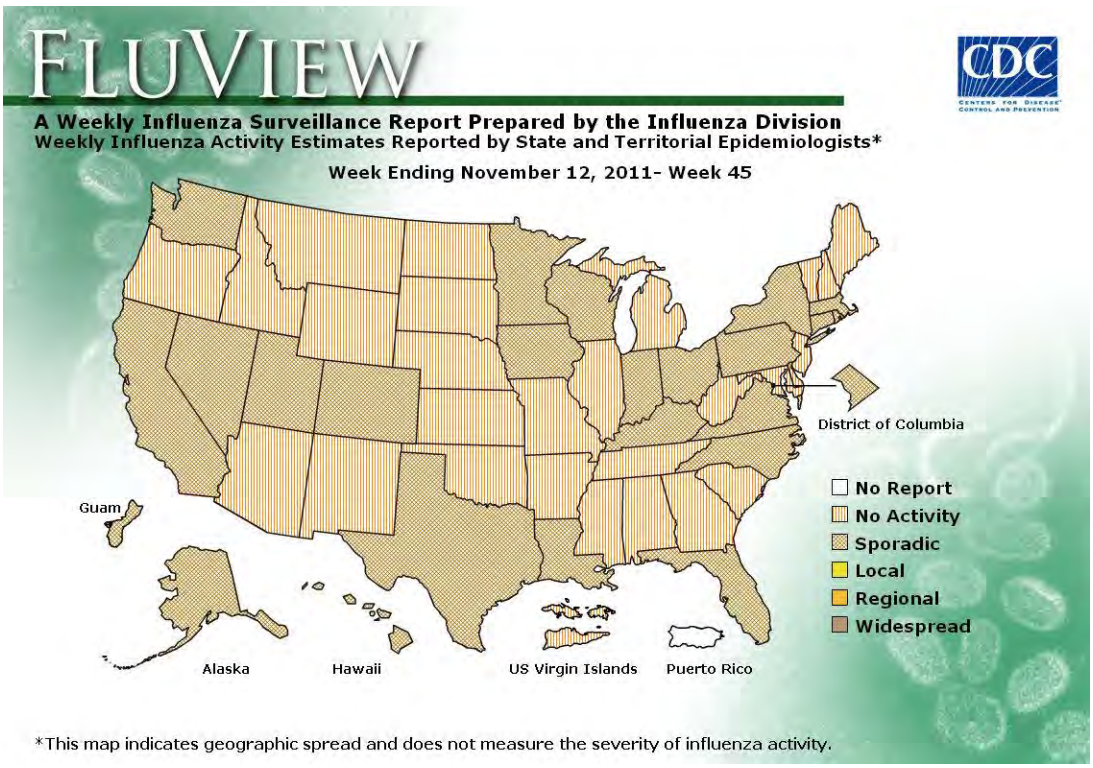
ILINet baseline refers to the mean plus two standard deviations of the values during previous influenza seasons (week 40-20, 2008-2009)

The proportion of patient visits for influenza-like illness is 1.61% for week ending November 19, 2011 (Week 46). This is below 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 November 19, 2011 (Week 46)



*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 November 19, 2011 (Week 46), Missouri reported **No activity** to the CDC**.** No activity is defined as influenza-like illness activity is low and there are no lab confirmed cases.

For the week ending November 12, 2011 (week 45), Flu View reported no states with widespread, regional or local influenza activity. Twenty three states reported sporadic influenza activity and 27 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**.

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[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).