



Missouri Weekly Influenza Report 2011-2012 Season¹

Missouri is reporting “Sporadic” to the CDC for Week 52².

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 31, 2011 (Week 52)

Serogroups	A (non-typed)	A (H1)	A (H1N1)	A (H3)	B	A or B Untyped (rapid test)	Total
Week 52	19	0	0	1	1	0	21

A total of four specimens were received by the State Public Health Laboratory for viral testing during week 52. 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 31, 2011 (Week 52)

Influenza Type	2011-2012 Season	5-Season Median	% Change from 5-Season Median
Influenza A	188	619	(69.6%)
Influenza B	176	143	23.1%
Influenza Unknown Or Untyped	14	46	(69.6%)
Total	378	792	(52.3%)

Table 3. Influenza Season-to-Date and 5-season Median by Age Group Through Week Ending December 31, 2011 (Week 52)

Age Group	2011-2012 Season	5-Season Median	% Change from 5-Season Median
00-<02	29	70	(58.6%)
02-04	44	98	(55.1%)
05-14	78	166	(53.0%)
15-24	37	140	(73.6%)
25-49	99	212	(53.3%)
50-64	42	65	(35.4%)
65+	49	49	0.0%
Total	378	792	(52.3%)

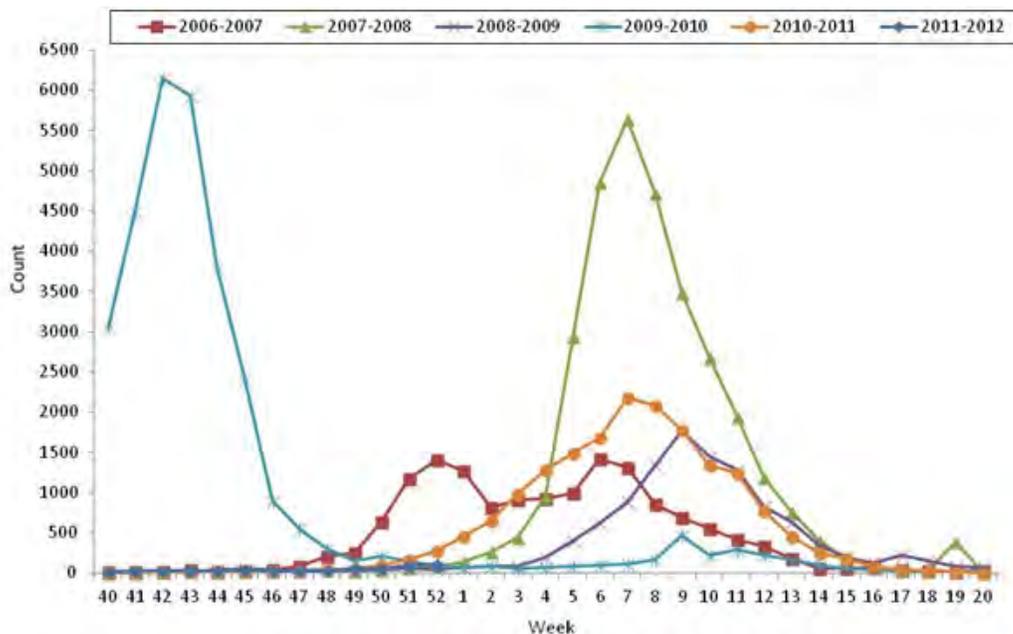
Table 4. Influenza Season-to-Date and 5-season Median by District Through Week Ending December 31, 2011 (Week 52)

District	2011-2012 Season	5-Season Median	% Change from 5-Season Median
CE	91	99	(8.1%)
EA	68	411	(83.5%)
NW	110	121	(9.1%)
SE	47	130	(63.8%)
SW	62	226	(72.6%)
Total	378	792	(52.3%)

Table 5. Deaths involving Pneumonia and Influenza (P&I) Reported During the Week Ending December 24, 2011 (Week 51)

Week 51	Season-to-Date 2011-2012	Season-to-Date 2010-2011	Week 51 Last Season	5 Year Weekly Median
81	1,063	1,062	83	69

Graph 1. Reported Influenza Cases 2011-2012 Season-To-Date as compared to the previous Five Influenza Seasons Through the Week Ending December 31, 2011 (Week 52)



The number of reported influenza cases for week 52 of the 2011-2012 season is following historical trends.

Table 6. Outbreaks/Closures Due to Influenza-like Illness Reported During the Week Ending December 24, 2011 (Week 51)

	Outbreaks		Closures	
	Current Season 2011-2012	Previous Season 2010-2011	Current Season 2011-2012	Previous Season 2010-2011
Week 52	0	0	0	0
Season –to-date (Week 40-Week 52)	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 December 31, 2011 (Week 52)**

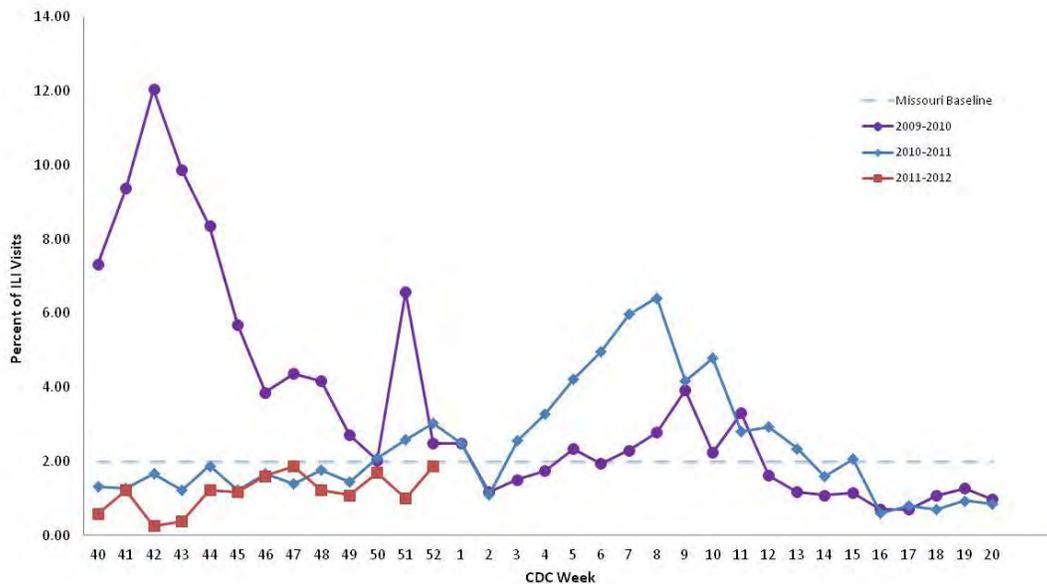
Jurisdiction	Age 0-4	Age 5-24	Age 25-49	Age 50-64	Age 65+	Total ILI Patients Seen	Total Patients Seen	Percent ILI
Adair	0	0	0	0	0	0	0	0
Audrain								
Boone								
Buchanan								
Butler								
Callaway	1	4	5	0	0	10	197	5.08
Cape Girardeau	0	0	0	0	0	0	54	0
Clay	0	0	0	0	0	0	190	0
Cole								
Gasconade								
Greene								
Howell								
Iron								
Jackson								
Kansas City								
Knox	0	0	0	0	0	0	63	0
Lawrence								
Marion	0	0	0	1	0	1	77	1.3
McDonald								
Moniteau								
Nodaway								
Pettis								
Phelps								
Putnam								
Reynolds								
Saline								
St. Clair	0	0	0	0	0	0	10	0
State Total	1	4	5	1	0	11	591	1.86

*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%.

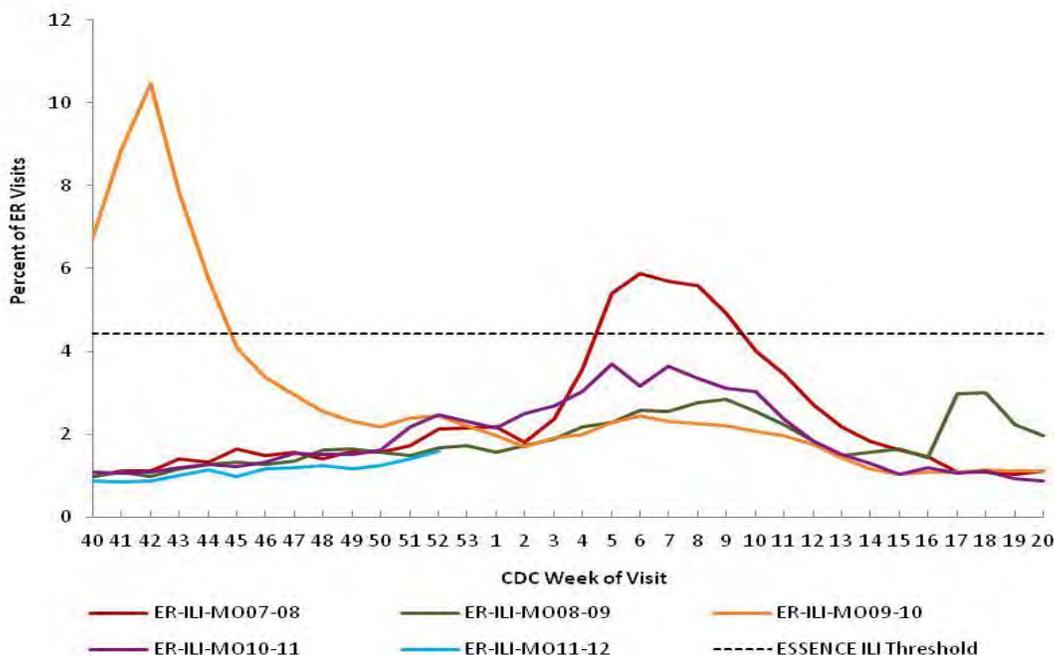
Graph 2. Percentage of Visits for Influenza-like-Illness (ILI) Reported by the Missouri Outpatient ILI Surveillance Network (ILINet) 2011-2012 Season-To-Date as compared to the previous Two Influenza Seasons Through the Week Ending December 31, 2011 (Week 52)



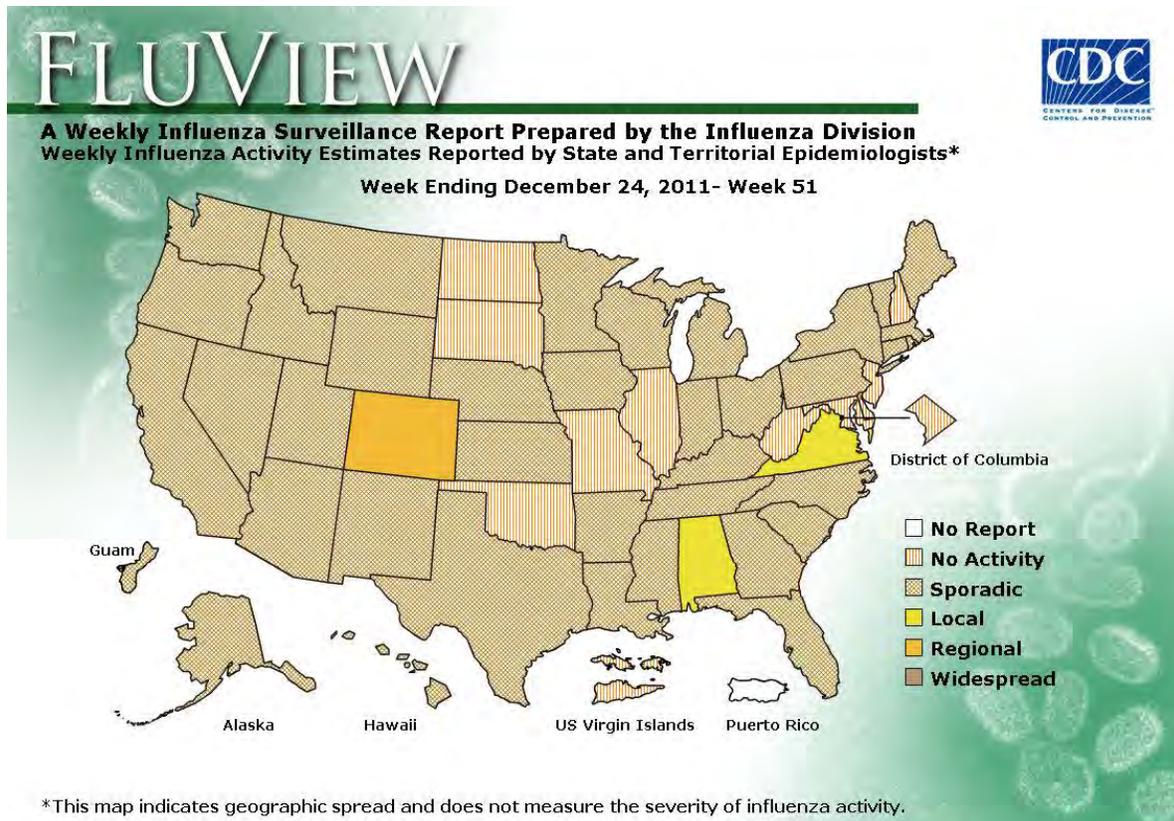
ILINet baseline refers to the mean plus two standard deviations of the values during previous influenza seasons (week 40-20, 2008-2009)

The proportion of patient visits for influenza-like illness is 1.86% for week ending December 31, 2011 (Week 52). 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 December 31, 2011 (Week 52)



*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 December 31, 2011 (Week 52), 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 December 24, 2011 (week 51), Flu View reported no states with widespread influenza activity. One state reported regional influenza activity, two states reported local influenza activity, 37 states reported sporadic influenza activity and 10 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).