



Lake County Health Department and Community Health Center

Week 52
(27 Dec 15 thru
2 Jan 16)*

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Executive Director

2015-16 Flu Season Lake County Weekly Influenza Monitoring Report



Weekly Summary:

Lake County: Flu activity is starting to increase in the U.S., but continues to remain low throughout Lake County. Increases in flu activity are expected in the coming weeks. Visits to the Lake County Health Departments Community Health Center clinics (LCHD/CHC) for upper respiratory/influenza-like illness (ILI) have increased modestly despite the shortened holiday week. **Schools:** Most Lake County schools are closed for winter break and will resume both ILI and general absenteeism surveillance in early January. **Cook County:** Influenza activity is increasing and intensive care unit admissions for flu continue to be reported. **Wisconsin (SE Region):** Flu activity remains high in the northwestern part of the State but is low in both east and southern Wisconsin. **Illinois:** Illinois is reporting “Sporadic” flu activity with visits for ILI steadily climbing. Several States bordering Illinois are showing higher flu activity levels. **Nationwide:** Seasonal influenza activity is increasing in the United States with further increases expected in the coming weeks. Flu activity most often peaks in February and can last into May. The vast majority of circulating flu viruses seen this season remain similar to the vaccine virus components for this season's flu vaccines. CDC recommends an annual flu vaccine for everyone 6 months of age and older. Getting vaccinated before flu activity begins is best.

The 2015-16 U.S. Trivalent influenza vaccine contains an A/California/2009 (H1N1) -like virus, an A/Switzerland/2013(H3N2) -like virus and a B/Phuket/2013 -like virus. The Quadrivalent influenza vaccines will also include a B/Brisbane/2008-like virus for this years flu season.

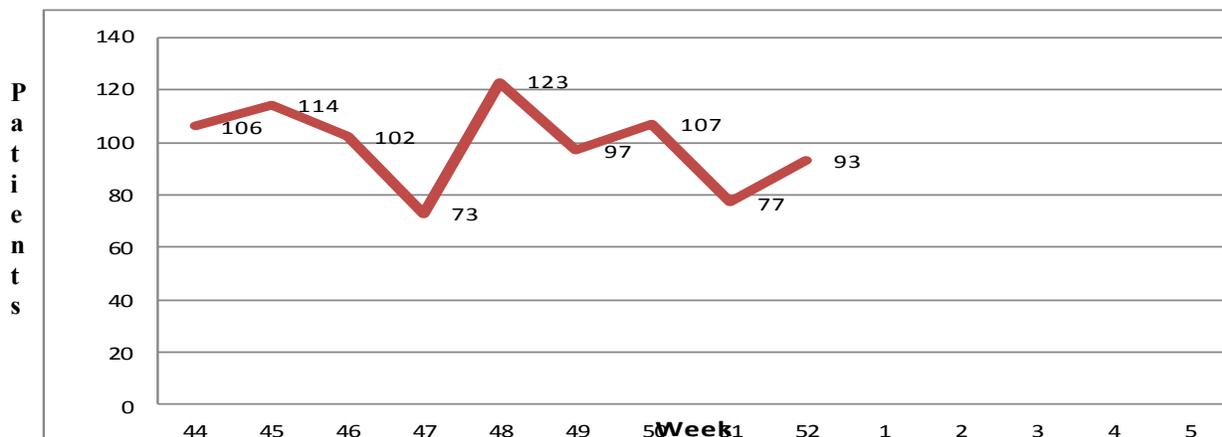
**Our report contains different flu weeks presented due to the different reporting dates of sources.*

LAKE COUNTY:

Week 52 (27 Dec 15 - 2 Jan 16)



LCHD/CHC (Federally Qualified Health Center): # of Patients with Upper Respiratory Illness (URI) by Week



LAKE COUNTY: (Cont)



Week 52 (27 Dec 15 - 2 Jan 16)

School Influenza-like Illness (ILI) Surveillance
Reporting School Districts: (None)

	<u>Current Week</u>	<u>Previous Week</u>
Schools tracking and reporting absenteeism data:	0	12
Schools reporting "Influenza-like illness (ILI) absenteeism ($\geq 5\%$):	0	0
Schools/Pre-schools reporting general absenteeism ($\geq 10\%$):	0	9



***The majority of Schools involved in Lake County’s ILI surveillance are on Winter break from 21 December, 2015, thru 3 January, 2016. ILI school surveillance data will resume during week 1 and be reported out in week 2. Thank you.**

Lake County - “Voluntary” reported positive flu test:

Week 52 (27 Dec 15 - 2 Jan 16)

	<u>Week 52</u>	<u>Prior Week</u>	<u>*Cumulative</u>
Positive flu tests reported:	0	0	0

***Cumulative since week 44.** Positive tests are reported voluntarily by various sources (i.e., sentinel and other hospitals, treatment centers, physician offices, schools etc.)

“Reportable” to the Lake County Health Department:

Week 52 (27 Dec 15 - 2 Jan 16)

	<u>Week 52</u>	<u>Prior Week</u>	<u>*Cumulative</u>
Flu - Intensive care unit (ICU) admissions:	0	0	0
Flu - Pediatric Deaths (0-18):	0	0	0
Flu - Outbreaks reported ** (Congregate settings):	0	0	0

***Cumulative since week 44. Single positive flu tests are not reportable in Illinois.**

****Correctional, Long Term Care (LTC) Facilities & Hospitals.**

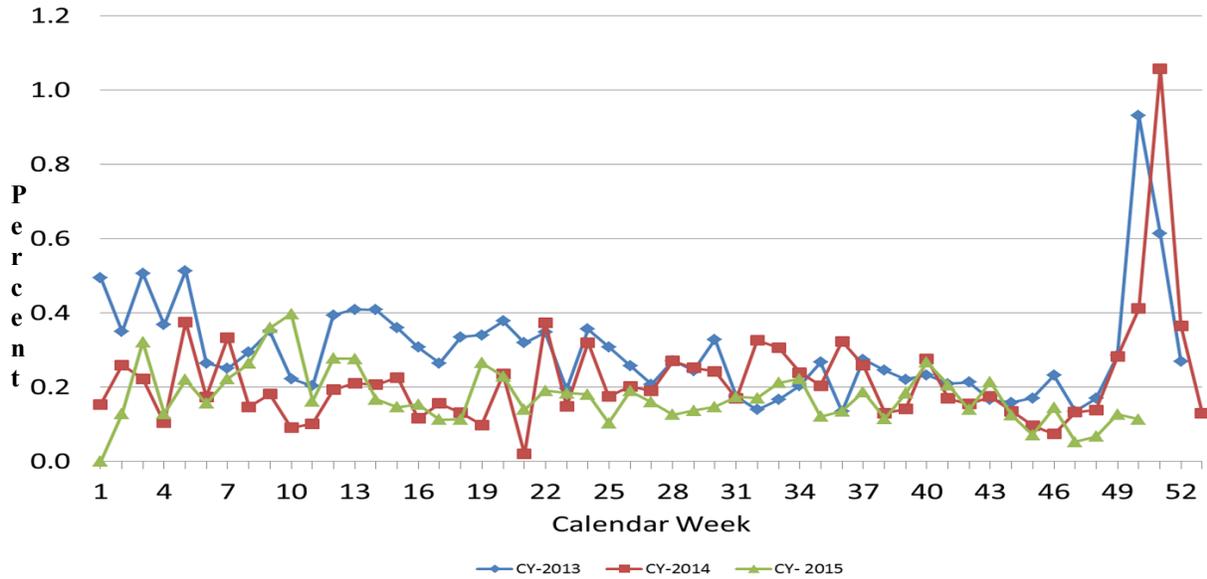
LAKE COUNTY: (Cont)

General Sentinel Site:

Week 50 (13 - 19 Dec 15)



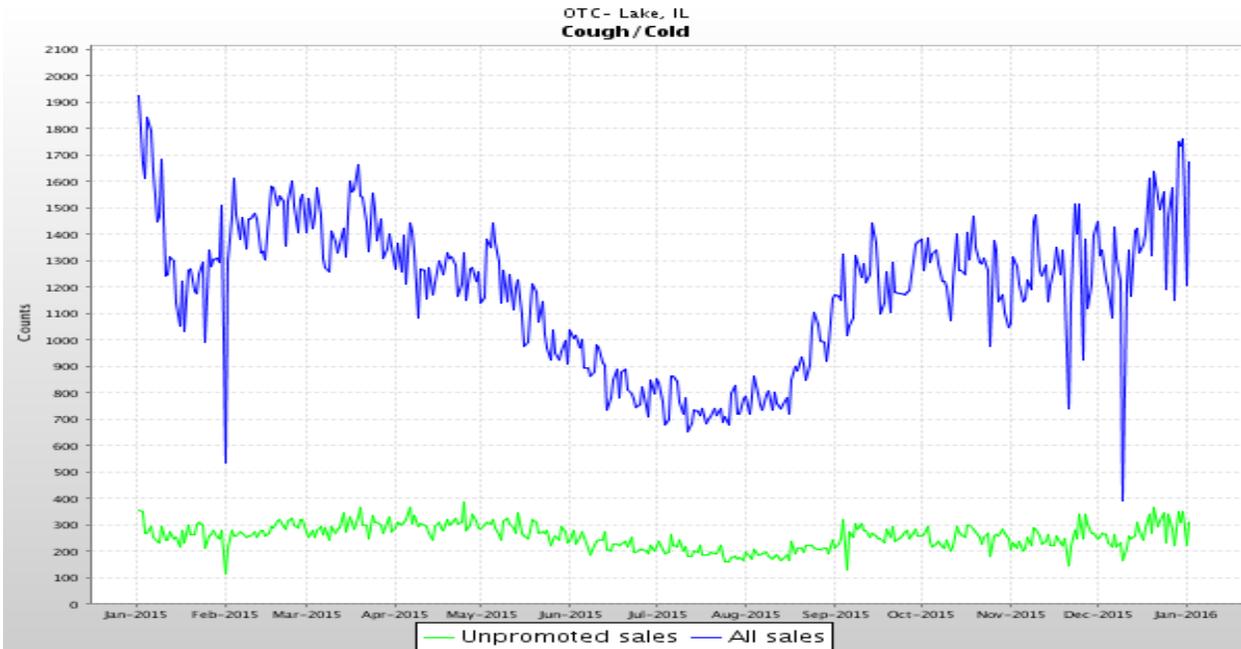
**Febrile Respiratory Illness Rate
(per 100 Doctor visits)**



Sentinel Pharmacies:

Real Time Outbreak and Disease Surveillance (RODS)

*Past 12 Months
(3 Jan 15 - 2 Jan 16)*



- 54 of 62 (87.1%) of Lake County Pharmacies reporting.

REGIONAL:

Suburban Cook County:

Week 51 (20 - 26 Dec 15)



Flu activity is currently **“Increasing”**

ICU flu-associated admissions for week 51: **2**

Total since week 35 (24Aug14): **18**

Wisconsin (SE Region):

Week 51 (20 - 26 Dec 15)



	<u>Current Week</u>	<u>Previous Week</u>
Flu/ILI Activity:	Low	Low

ILI activity in Region V: (WI, MN, IL, MI, OH, IN) is **Below** baseline levels.
Current circulating viruses: Rhinovirus, RSV and para-influenza viruses are predominate this week.

ILLINOIS:

Week 51 (20 - 26 Dec 15)



- For this reporting week, the proportion of outpatient visits for influenza-like illness (ILI) was **1.80%**, which is **below** the regional baseline of **1.90%**.
- Based on CDC criteria, Illinois influenza activity is classified as **“Sporadic”** for this reporting week.
- For this reporting week there were **1.3%** (8/603) of influenza specimens tested by WHO/NREVSS collaborating Illinois laboratories and Illinois Department of Public Health Laboratories. So far this season, **1.6%** (106/6499) of specimens tested positive for Influenza.
- **6** influenza –associated Intensive Care Unit (ICU) admissions were reported for this reporting week. Season total: **49**
- There were **0** influenza-associated pediatric deaths reported this week.
- For this reporting week, **No** influenza outbreaks were reported. Season total: **2**

No Activity:	No laboratory confirmed cases of influenza.
Sporadic:	Isolated lab-confirmed cases OR Lab confirmed outbreak in one institution.
Local:	Recent (within the past 3 weeks) lab evidence of influenza in region with increased ILI OR Recent (within the past 3 weeks) lab evidence of influenza in region with the outbreaks; virus activity is no greater than sporadic in other regions.
Regional:	Increased ILI in >2 but less 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 >2 and less than half of the regions AND recent lab confirmed influenza in the affected regions. A region is defined as the regions States use for public health purposes.
Widespread:	Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions AND recent (within the past 3 weeks) lab confirmed influenza in the state.

