



# Lake County Health Department and Community Health Center

Week 02  
(10-16 Jan 16)\*

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## 2015-16 Flu Season Lake County Weekly Influenza Monitoring Report

### Weekly Summary:

**Lake County:** Visits to the Lake County Health Departments Community Health Center clinics (LCHD/CHC) for upper respiratory/influenza-like illness (ILI) have levelled off after having increased over 60% during the previous 2 weeks. **Schools:** Absences due to ILI in Lake County schools continue to remain low while general absenteeism overall has risen steadily by 2% over the last two months. **Cook County:** Influenza activity continues to increase. So far this season, Cook has reported one cluster of ILI occurring in a school and no outbreaks reported in long term care facilities. **Wisconsin (SE Region):** Has not reported any new flu data since week 52. At that time, flu activity was high in northern Wisconsin but low in the southern part of the State. **Illinois:** Influenza/ILI activity remains “Sporadic” in the State while visits to providers for ILI continue to remain below baseline. **Nationwide:** Flu activity remains low across most of the country with some key flu indicators increasing slightly, while others fell. For example, the percentage of laboratory specimens testing positive for flu increased, however, reports of influenza-like-illness fell below the national baseline. It’s likely that flu activity will increase again and that there are still weeks of influenza activity to come this season. Historically, flu most commonly peaks during the month of February. CDC continues to recommend 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.*

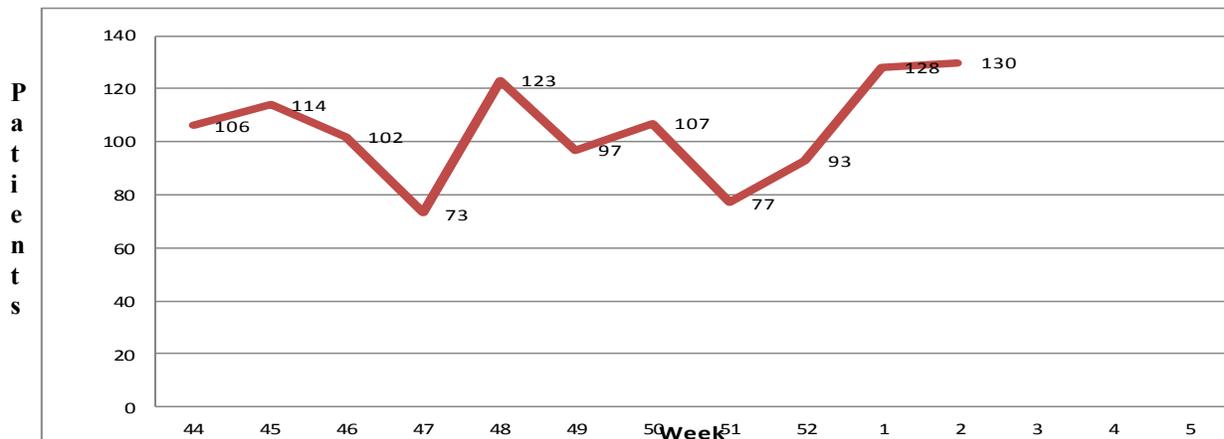
*\*Our report contains different flu weeks presented due to the different reporting dates of sources.*

### LAKE COUNTY:

Week 02 (10 - 16 Jan 16)



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



**LAKE COUNTY: (Cont)**

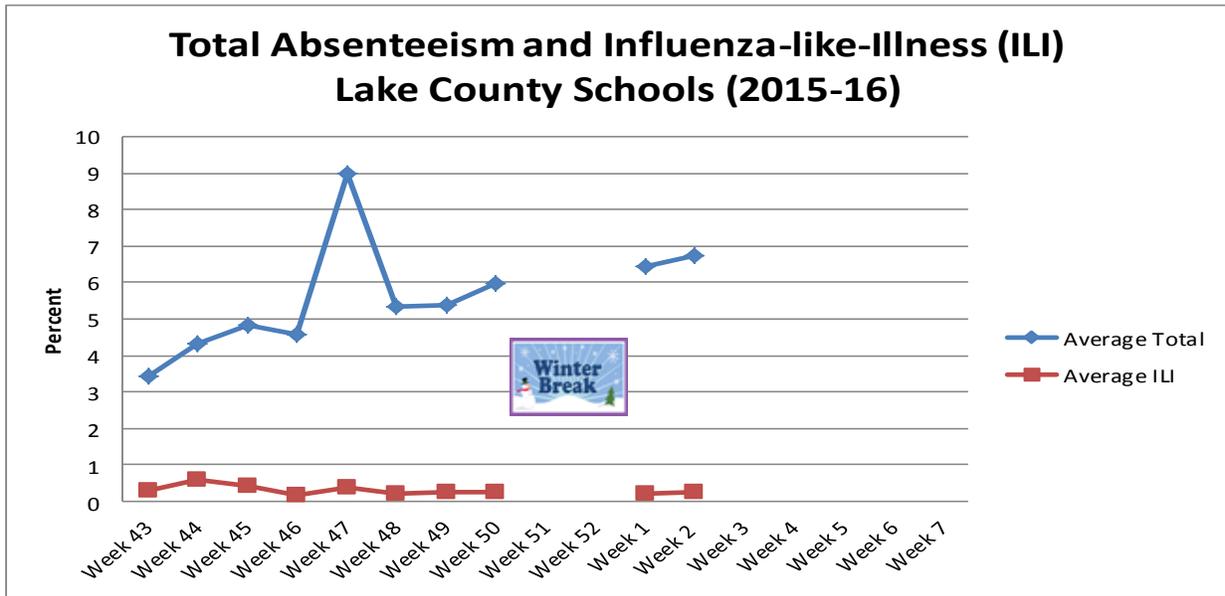


*Week 02 (10 - 16 Jan 16)*

**School Influenza-like Illness (ILI) Surveillance**

Reporting School Districts: *Barrington (220), Community (128), Libertyville (70), Round Lake (116), Wauconda (118), Waukegan (60) and Zion (6)*

	<u>Current Week</u>	<u>Previous Week</u>
Schools tracking and reporting absenteeism data:	50	49
Schools reporting "Influenza-like illness (ILI) absenteeism ( $\geq 5\%$ ):	1	0
Schools/Pre-schools reporting general absenteeism ( $\geq 10\%$ ):	19	23



**Lake County - "Voluntary" reported positive flu test:**

*Week 02 (10 - 16 Jan 16)*

	<u>Week 02</u>	<u>Prior Week</u>	<u>*Cumulative</u>
Positive flu tests reported:	^20	0	20

\*Cumulative since week 44.

^Approximate number of Positive rapid flu tests reported by Lake County Hospitals since early December

**"Reportable" to the Lake County Health Department:**

*Week 02 (10 - 16 Jan 16)*

	<u>Week 02</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.

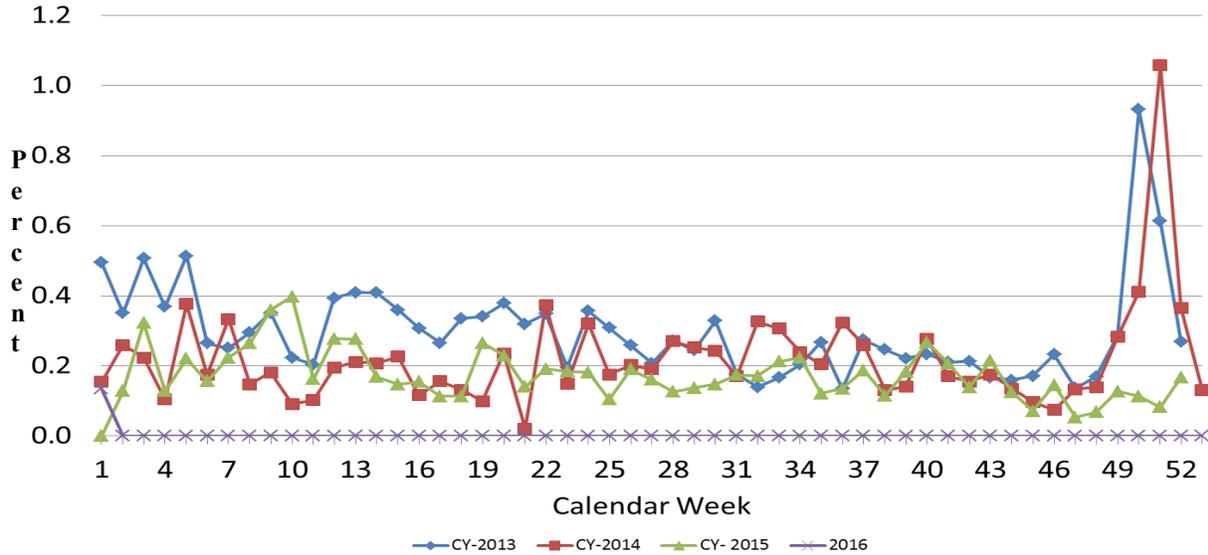
**LAKE COUNTY: (Cont)**

**General Sentinel Site:**

*Week 01 (3 - 9 Jan 16)*



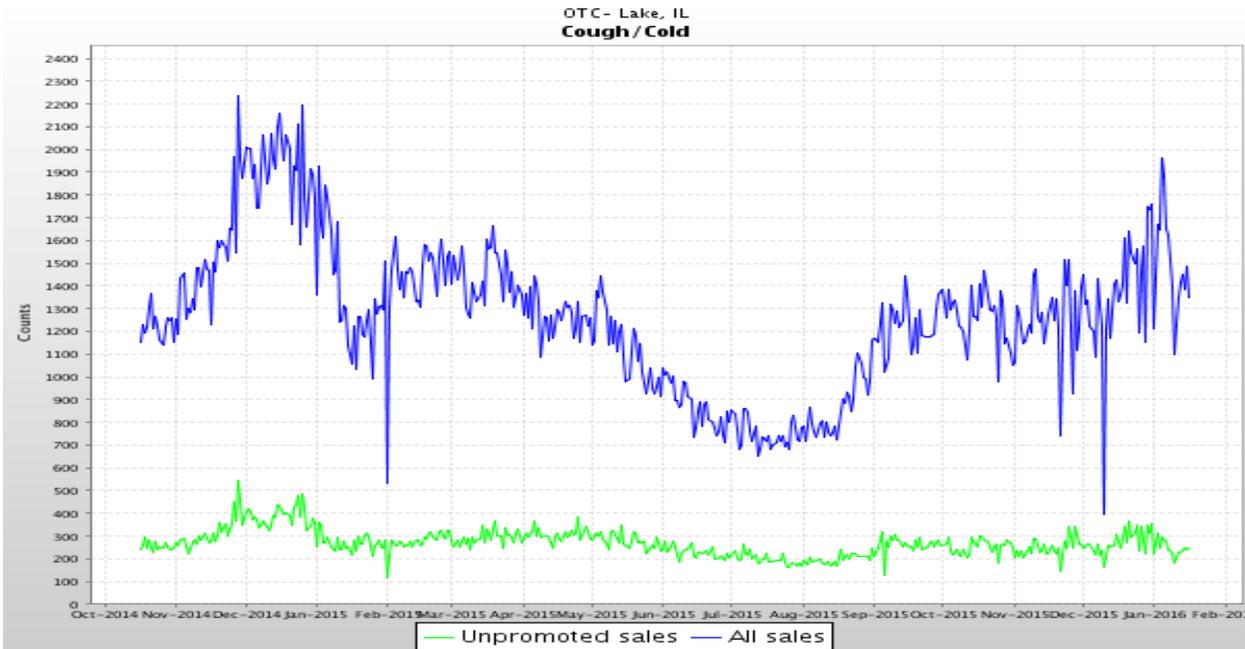
**Febrile Respiratory Illness Rate  
(per 100 Doctor visits)**



**Sentinel Pharmacies:**

***Real Time Outbreak and Disease Surveillance (RODS)***

*Past 15 Months  
(17 Oct 14 - 16 Jan 16)*



- Cough and Cold medicine purchases.
- 54 of 62 (87.1%) of Lake County Pharmacies reporting.

## REGIONAL:

### Suburban Cook County:

*Week 01 (3 - 9 Jan 16)*



Flu activity is currently **“Increasing”**

Intensive care unit flu-associated admissions for week 01: **1**  
Total since week 35 (24Aug14): **20**

### Wisconsin (SE Region):

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



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

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

## ILLINOIS:

*Week 01 (3 - 9 Jan 16)*



- For this reporting week, the proportion of outpatient visits for influenza-like illness (ILI) was **1.41%**, 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, **2.1%** (12/566) of influenza specimens, tested positive by WHO/NREVSS collaborating Illinois laboratories and the Illinois Department of Public Health Laboratories. So far this flu season, **1.6%** (126/7724) of specimens tested were positive for Influenza.
- There were 7 influenza –associated Intensive Care Unit (ICU) admissions that occurred during this reporting week. Season total: **68**
- There were **0** influenza-associated pediatric deaths reported this week.
- For this reporting week, **No** influenza outbreaks were reported. Season total: **2**

<b>No Activity:</b>	No laboratory confirmed cases of influenza.
<b>Sporadic:</b>	Isolated lab-confirmed cases OR Lab confirmed outbreak in one institution.
<b>Local:</b>	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.
<b>Regional:</b>	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.
<b>Widespread:</b>	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.

