



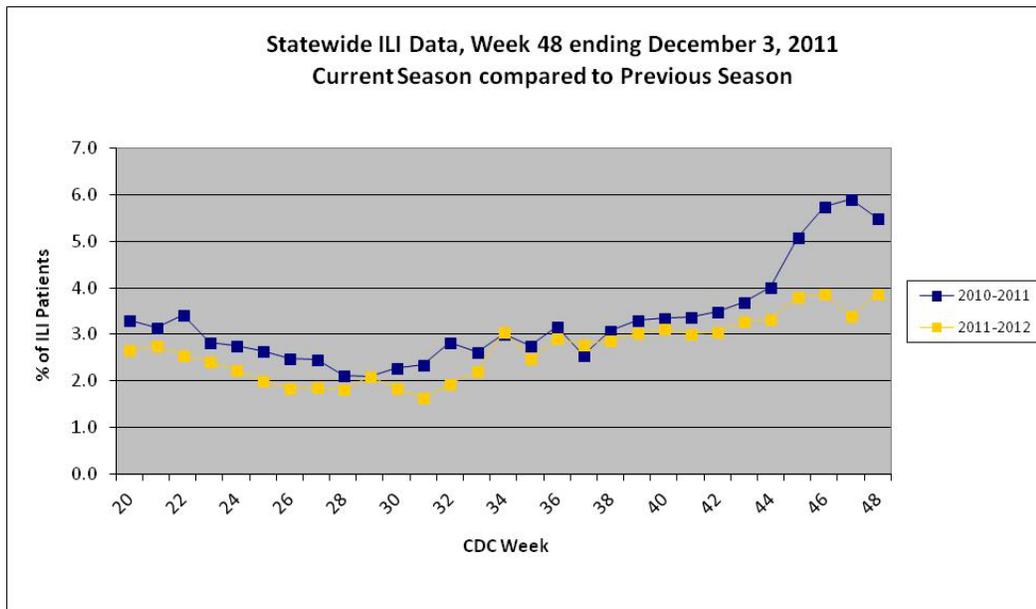
# 2011-2012 Influenza Report Week 48

November 27 – December 3, 2011

## About our flu activity reporting

MSDH relies upon selected sentinel health practitioners across the state to report the percentage of non-trauma visits consistent with an influenza-like illness (ILI: fever > 100°F AND cough and/or sore throat). Also, providers are supplied with specimen collection kits: Samples are submitted to the Mississippi Public Health Laboratory for influenza PCR testing. Reports are used to estimate the state’s ILI rate and the magnitude of the state’s influenza activity. Reports represent only the distribution of flu in the state, not an actual count of all flu cases statewide. **Information is provisional only and may change depending on additional reporting from sentinel providers.**

## State ILI Surveillance



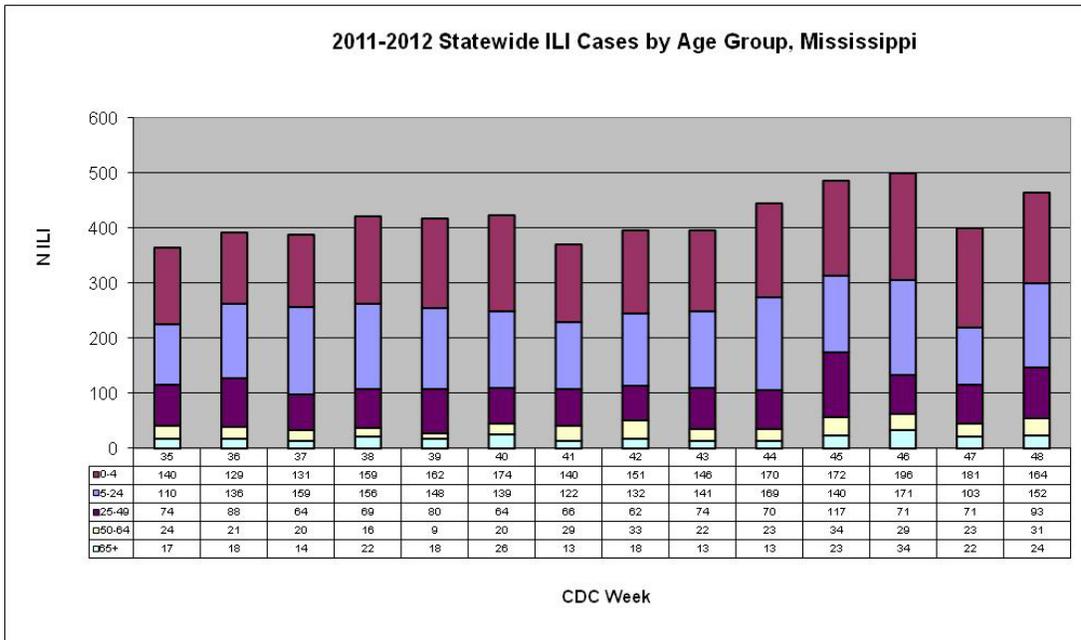
For week 48 (11/27/2011-12/03/2011), the overall state ILI rate (3.9%) was comparable to last week (3.4%), but was lower than this time last year (5.5%). | **Figure 1**

Total number of non-trauma patients treated by sentinel providers in the last three weeks. | **Table 1**

2011-2012 Influenza Season				
CDC Week	Week Ending	Non-trauma patients	ILI symptoms	ILI Rate (%)
<b>48</b>	<b>Dec. 3</b>	<b>11943</b>	<b>463</b>	<b>3.9%</b>
47	Nov. 26	13440	456	3.4%
46	Nov. 19	15916	618	3.9%

During week **48**, **three** districts (3, 6, and 7) had an increase in ILI activity and **two** districts (2 and 4) had a decrease in ILI activity. **Four** districts (1, 5, 8, and 9) remained about the same. *Information is provisional only and may change depending on additional reporting from sentinel providers.* / **Table 2**

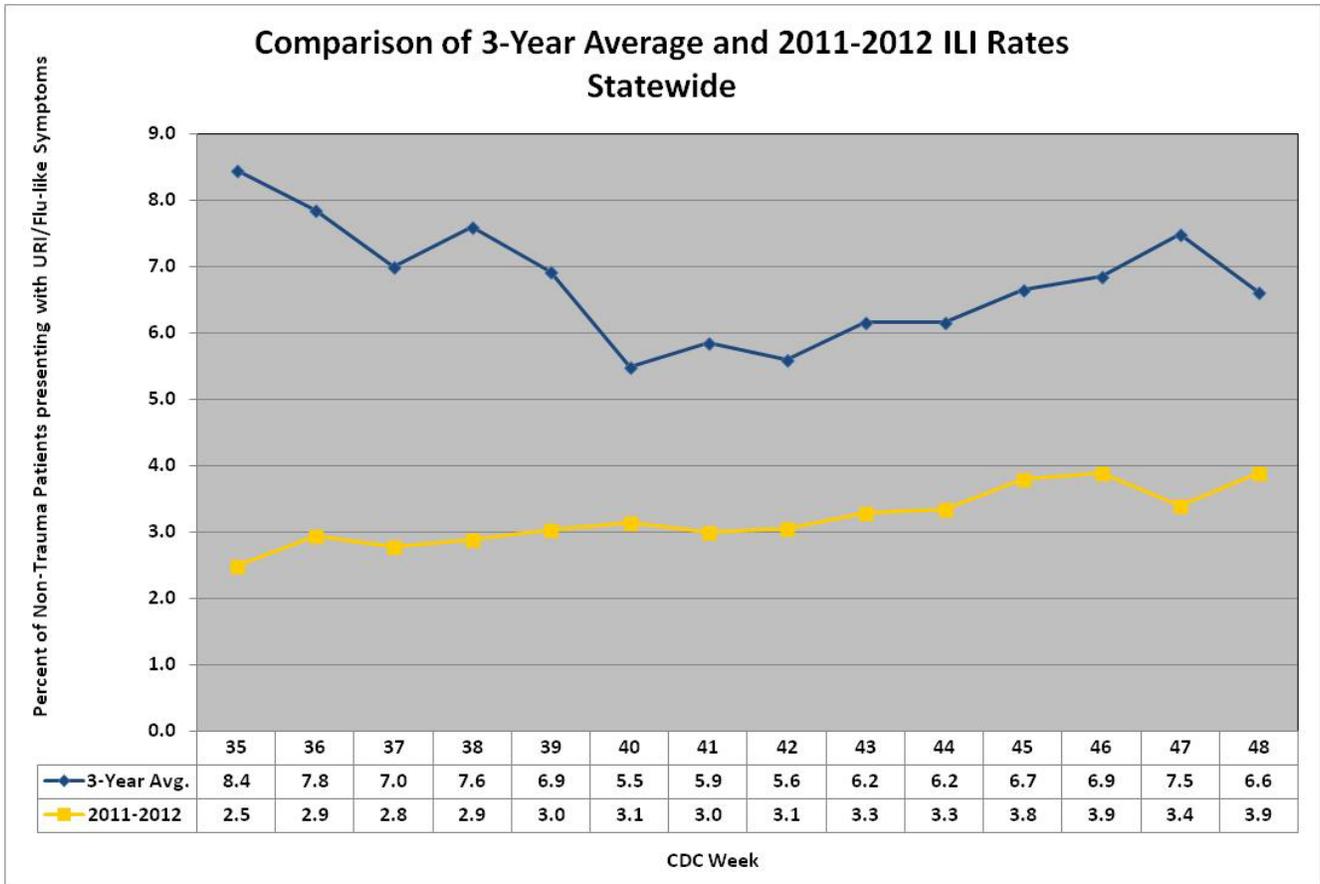
MSDH District ILI Rates (%) 2011-2012		
District	Week 47	Week 48
State	3.4	3.9
1	3.4	3.9
2	4.4	0.8
3	2.9	4.8
4	5.2	3.8
5	0.3	0.6
6	6.9	12.8
7	2.6	3.7
8	3.0	3.3
9	2.9	2.8



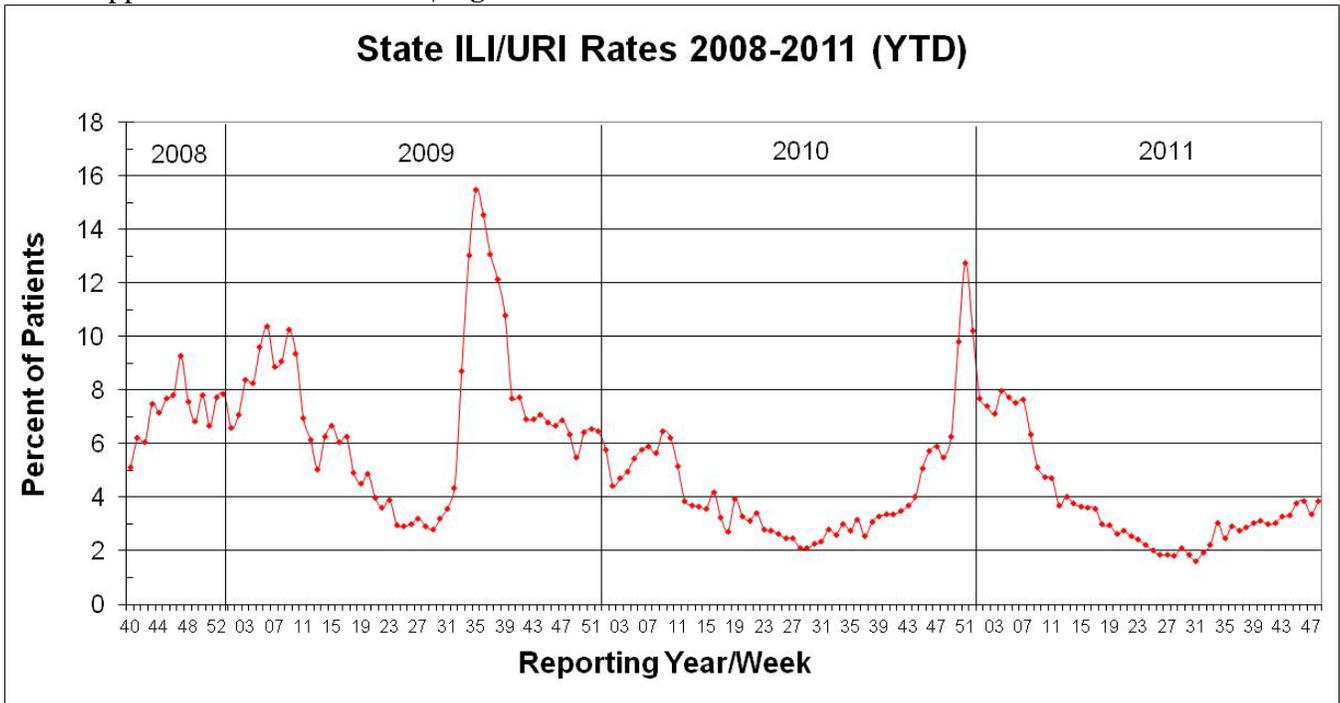
The number of reported ILI cases has been highest among people in the 0 to 4 years of age group, followed by those in the 5 to 24 years of age group. During Week **48**, the

number of reported ILI cases was highest among individuals in the **0 to 4** years of age group. | **Figure 2**

The 2011-12 state ILI rate was **below** baseline for week **48**. | **Figure 3**



Mississippi ILI Rates 2008-2011 | **Figure 4**



### Flu testing Reports

From week **35** (week ending September 3<sup>rd</sup>) through week **48** (week ending December 3<sup>rd</sup>), the Mississippi Public Health Laboratory tested six samples for influenza by PCR testing. One was positive for influenza A (H3). The influenza case was identified from Tate County.

### National ILI Surveillance

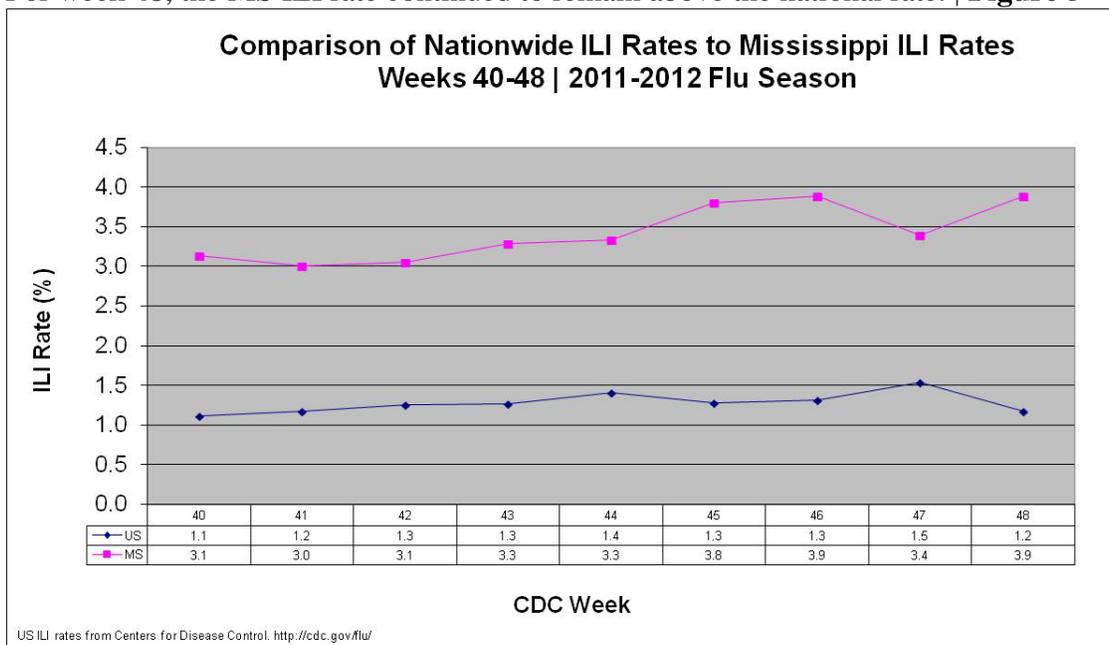
No influenza-associated pediatric deaths occurring during the 2011-12 season have been reported to CDC.

**Mississippi has had no reported influenza-associated pediatric deaths during this influenza season.**

Mississippi reported “**Sporadic**” activity for week **48**. | **Table 4**

Level of Flu Activity	Definition
<b>No Activity</b>	Overall clinical activity remains low and there are no lab confirmed cases.
<b>Sporadic</b>	Isolated cases of lab confirmed influenza in the state; <u>ILI activity is not increased</u> <u>OR</u> A lab-confirmed outbreak in a single institution in the state; <u>ILI activity is not increased</u> .
<b>Local</b>	Increased ILI within a single region <b>AND</b> recent (within the past 3 weeks) laboratory evidence of influenza in that region. <u>ILI activity in other regions is not increased</u> <u>OR</u> two of more institutional outbreaks (ILI or lab confirmed) within a single region <b>AND</b> recent (within the past 3 weeks) lab confirmed influenza in that region. Other regions do not have increased ILI and virus activity is no greater than sporadic in those regions
<b>Regional</b>	Increased ILI in at least 2 regions but fewer than half of the regions <b>AND</b> recent (within the past 3 weeks) lab confirmed influenza in the affected regions <u>OR</u> Institutional outbreaks (ILI or lab confirmed) in at least 2 regions but fewer than half of the regions <b>AND</b> recent lab confirmed influenza in the affected regions.
<b>Widespread</b>	Increased ILI and/or institutional outbreaks (ILI or lab confirmed) in at least half of the regions <b>AND</b> recent (within the past 3 weeks) lab confirmed influenza in the state.

For week **48**, the MS ILI rate continued to remain above the national rate. | **Figure 5**



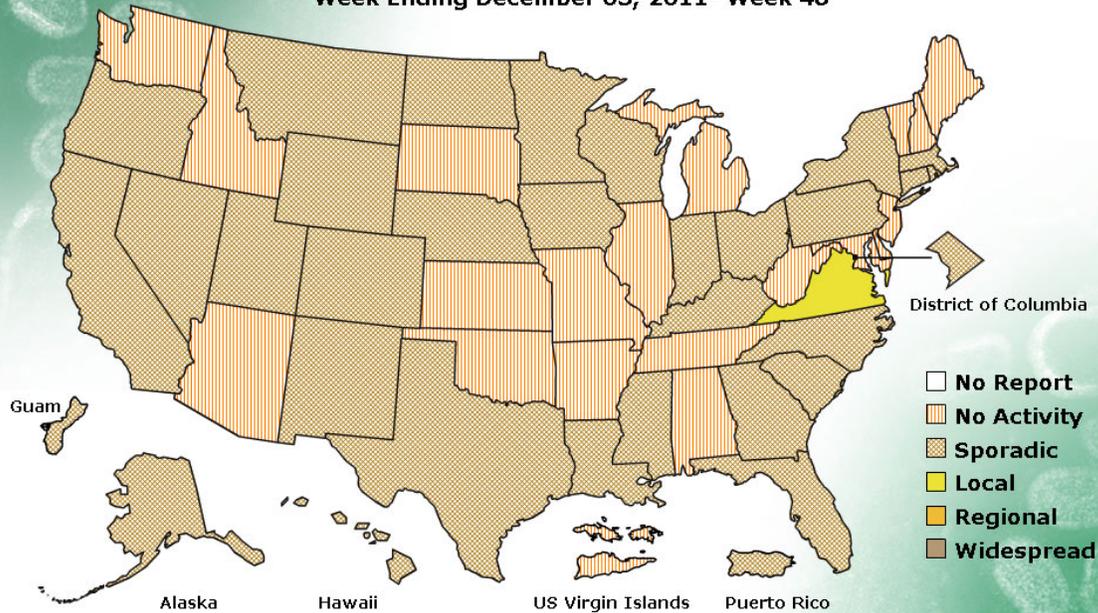
During week 48, influenza activity remained low in the United States.<sup>1</sup> | **Figure 6**

# FLUVIEW



**A Weekly Influenza Surveillance Report Prepared by the Influenza Division**  
**Weekly Influenza Activity Estimates Reported by State and Territorial Epidemiologists\***

**Week Ending December 03, 2011- Week 48**



\*This map indicates geographic spread and does not measure the severity of influenza activity.

<sup>1</sup>For up-to-date information on flu activity nationwide, please refer to the CDC's website:  
<http://www.cdc.gov/flu/weekly/fluactivity.htm>

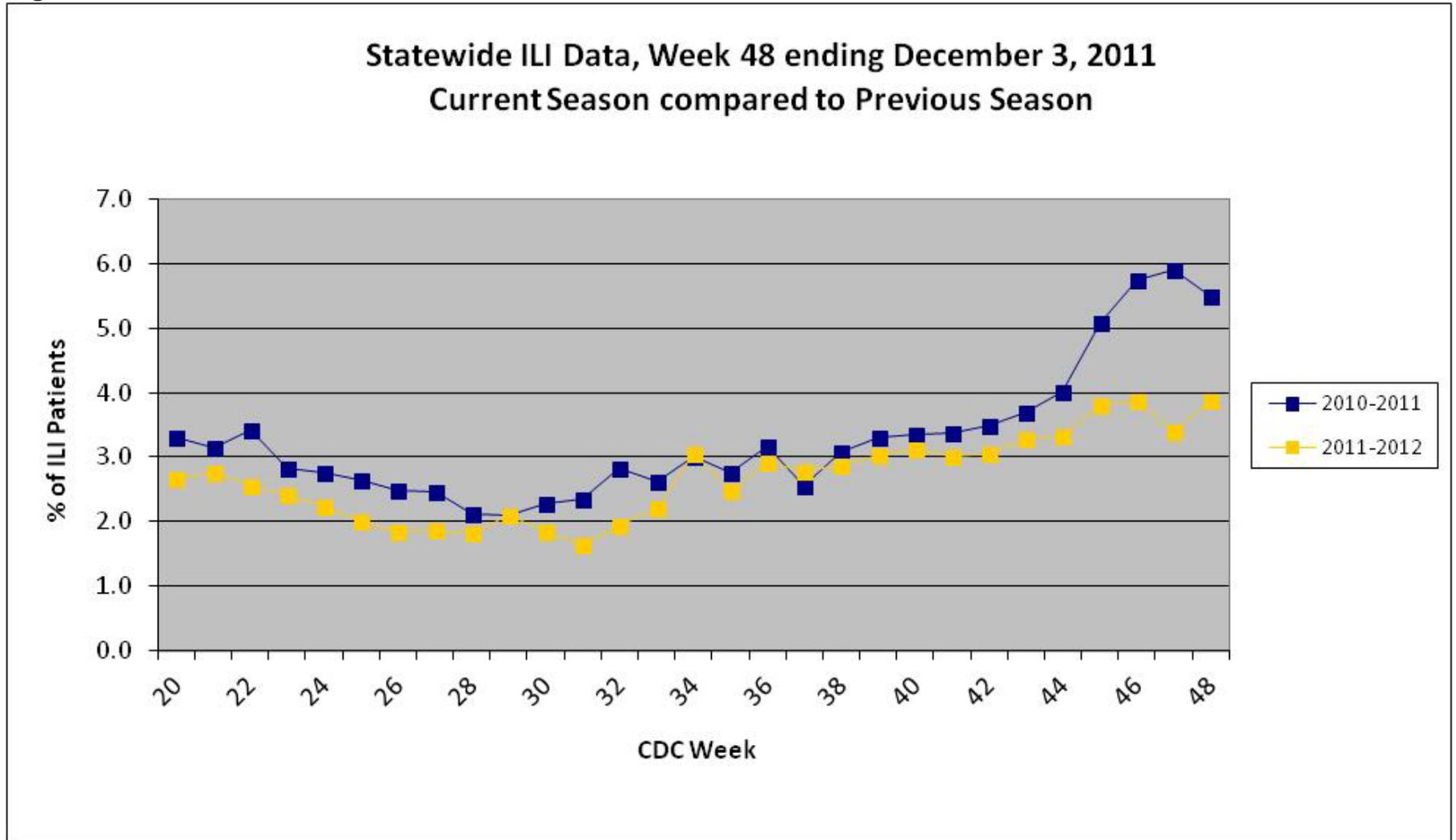
**Additional information:**

Centers for Disease Control and Prevention	<a href="http://cdc.gov/flu/">http://cdc.gov/flu/</a>
Flu.gov	<a href="http://www.flu.gov/">http://www.flu.gov/</a>
MSDH Flu and Pneumonia	<a href="http://msdh.ms.gov/msdhsite/_static/14,0,199.html">http://msdh.ms.gov/msdhsite/_static/14,0,199.html</a>
Google Flu Trends	<a href="http://www.google.org/flutrends/">http://www.google.org/flutrends/</a>
World Health Organization FluNet	<a href="http://www.who.int/csr/disease/influenza/influenzanetwork/flunet/en/">http://www.who.int/csr/disease/influenza/influenzanetwork/flunet/en/</a>

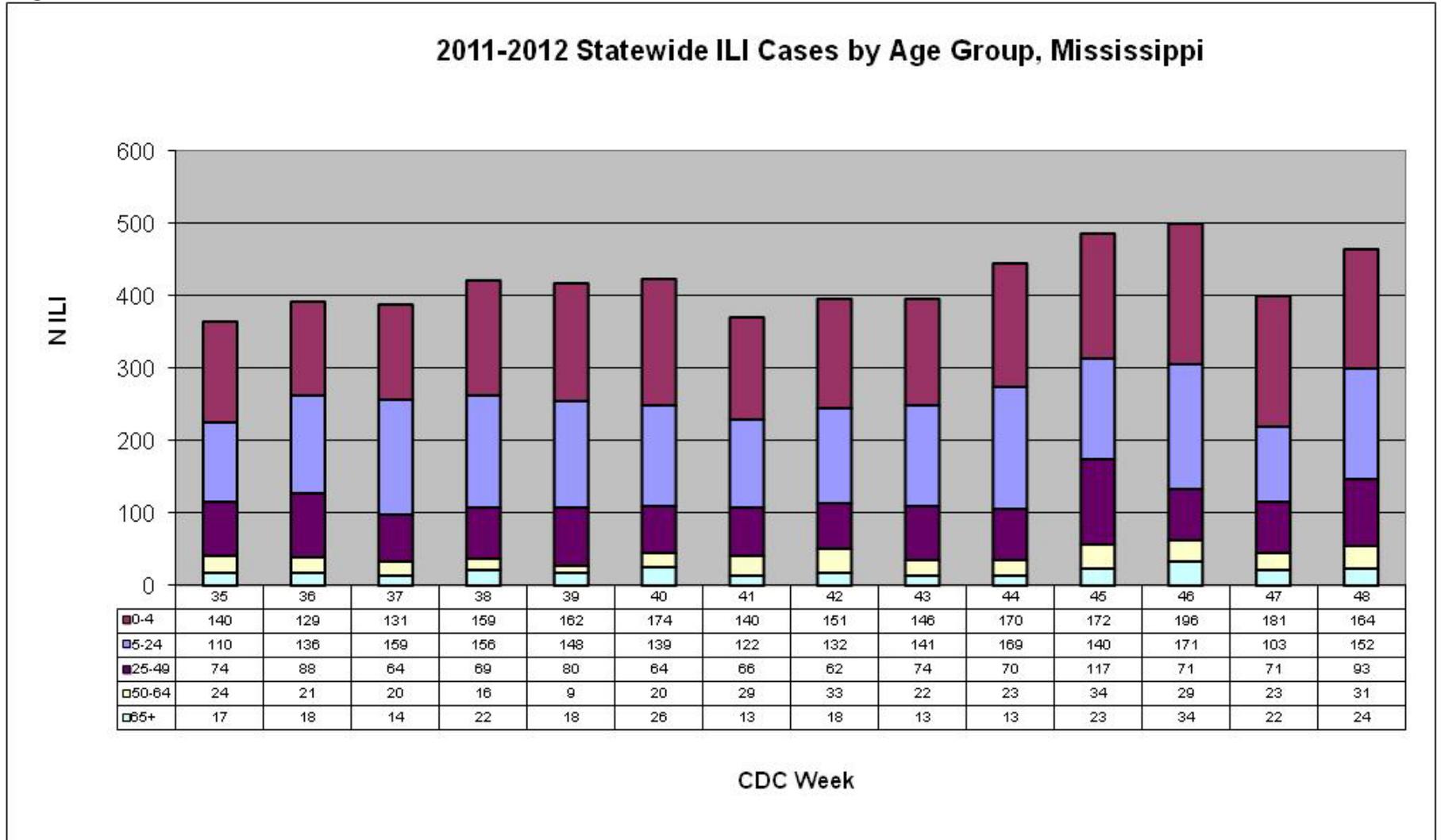
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## Appendix

Figure 1



**Figure 2**



**Figure 3**

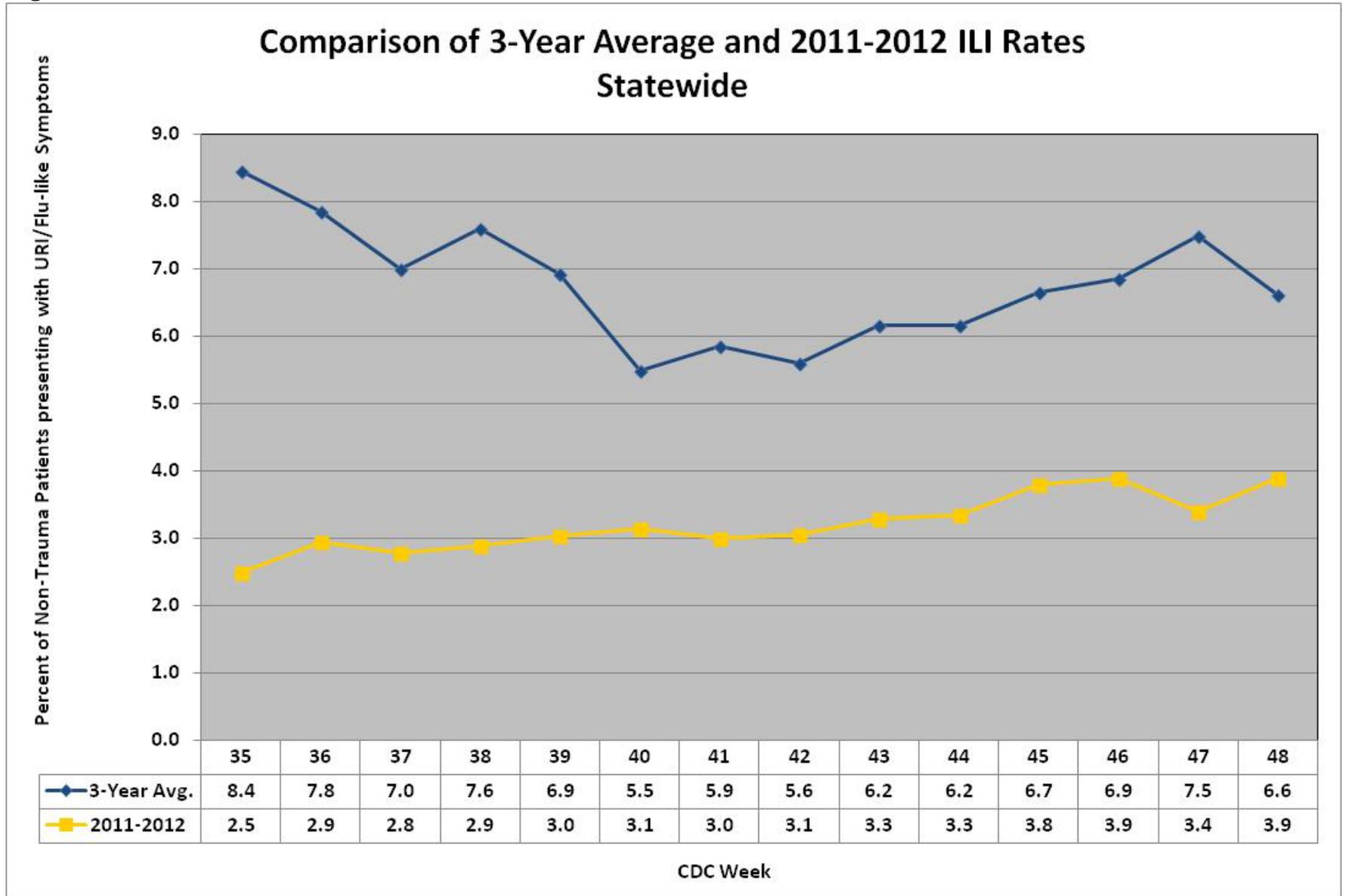
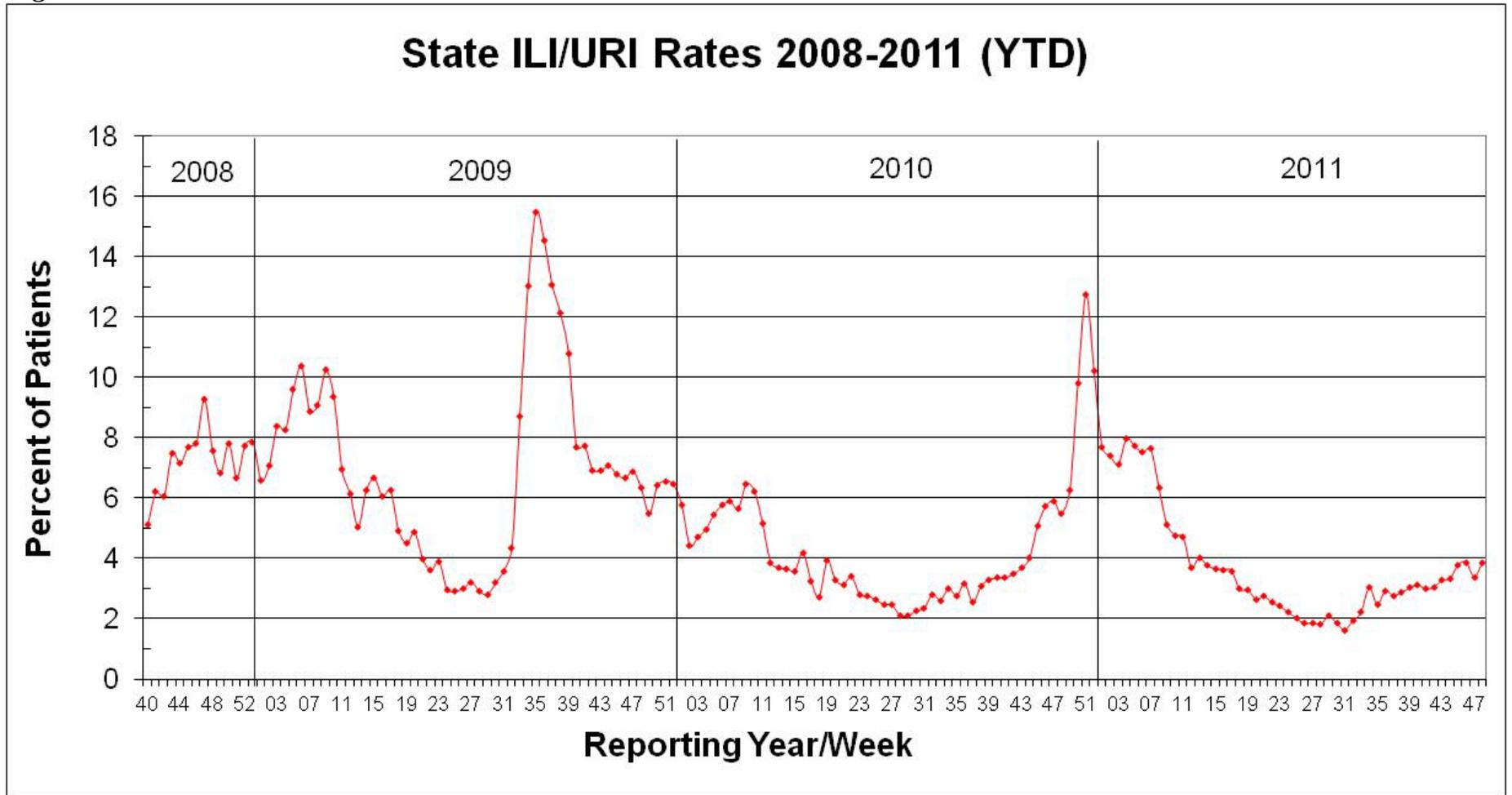


Figure 4



**Figure 5**

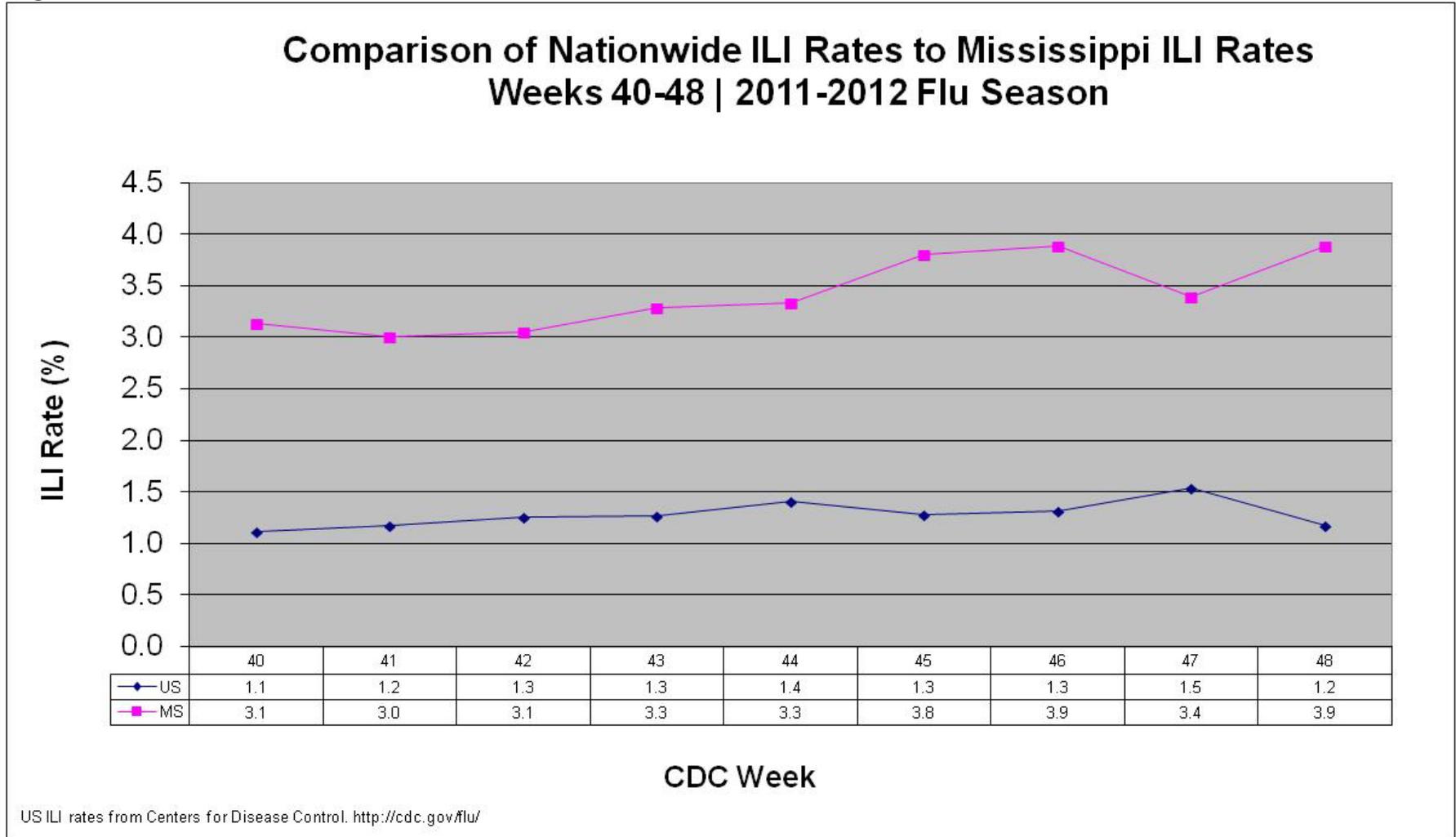


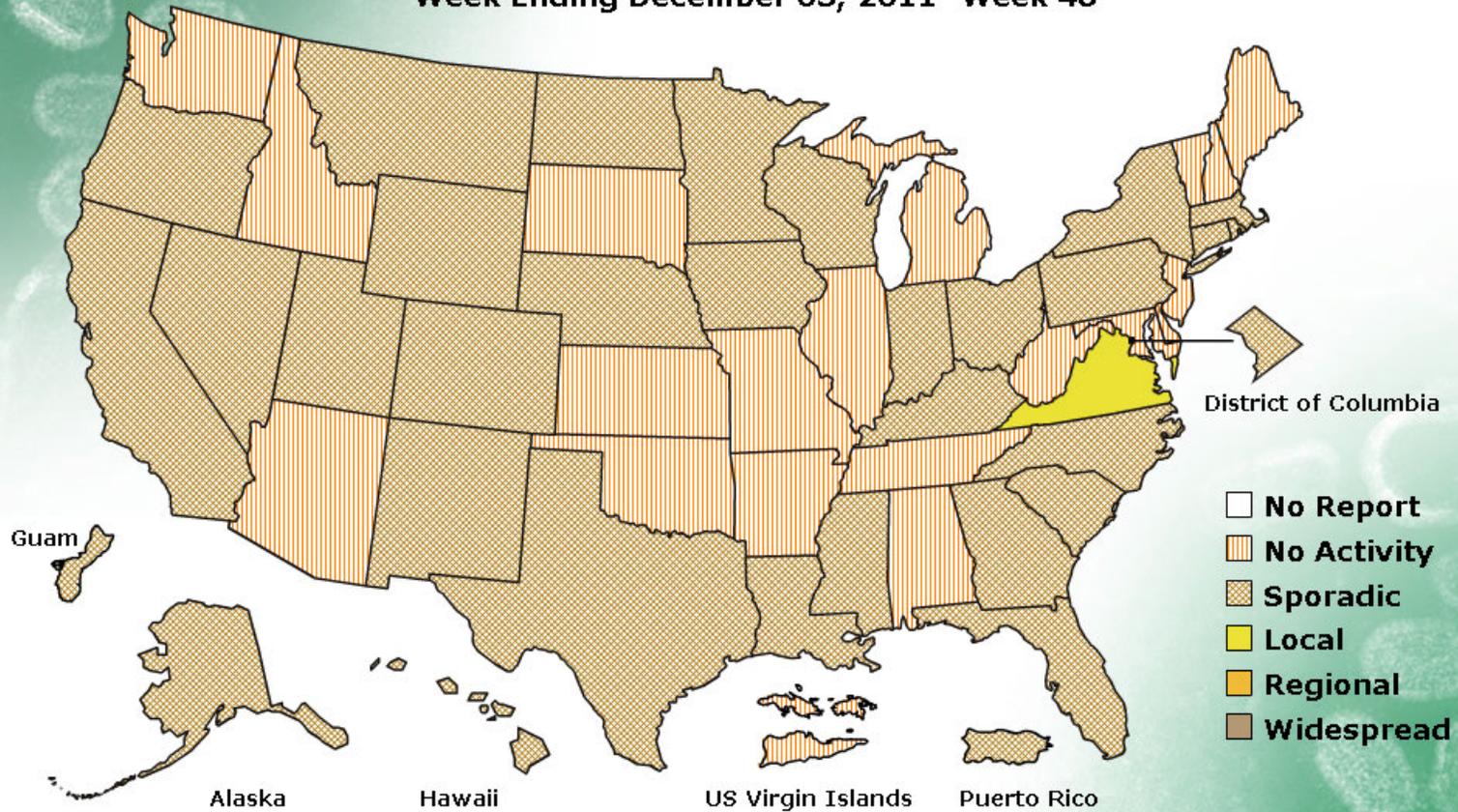
Figure 6

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