



# 2010-2011 Influenza Report Week 45

November 7 –November 13, 2010

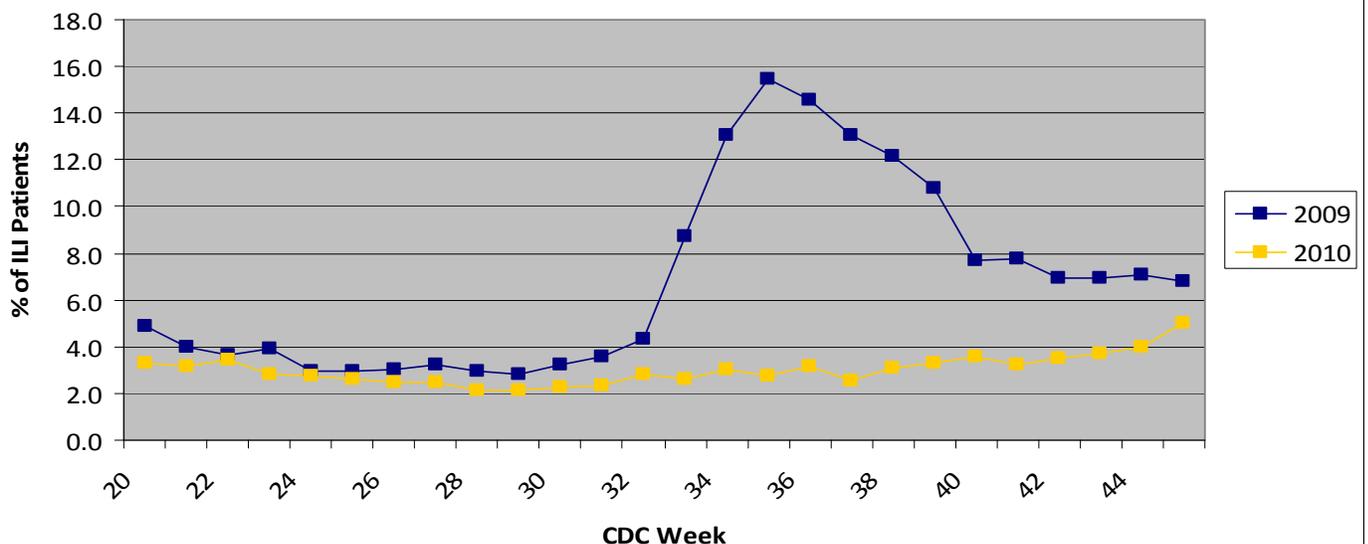
## About our flu activity reporting

MSDH relies upon selected health practitioners across the state to report possible flu cases (cases of influenza-like illness) for confirmation by laboratory testing. Our reports below show **only** cases confirmed as influenza by the MSDH Public Health Laboratory, and represent the distribution of flu in the state, not an actual count of all flu cases statewide.

## State ILI Surveillance

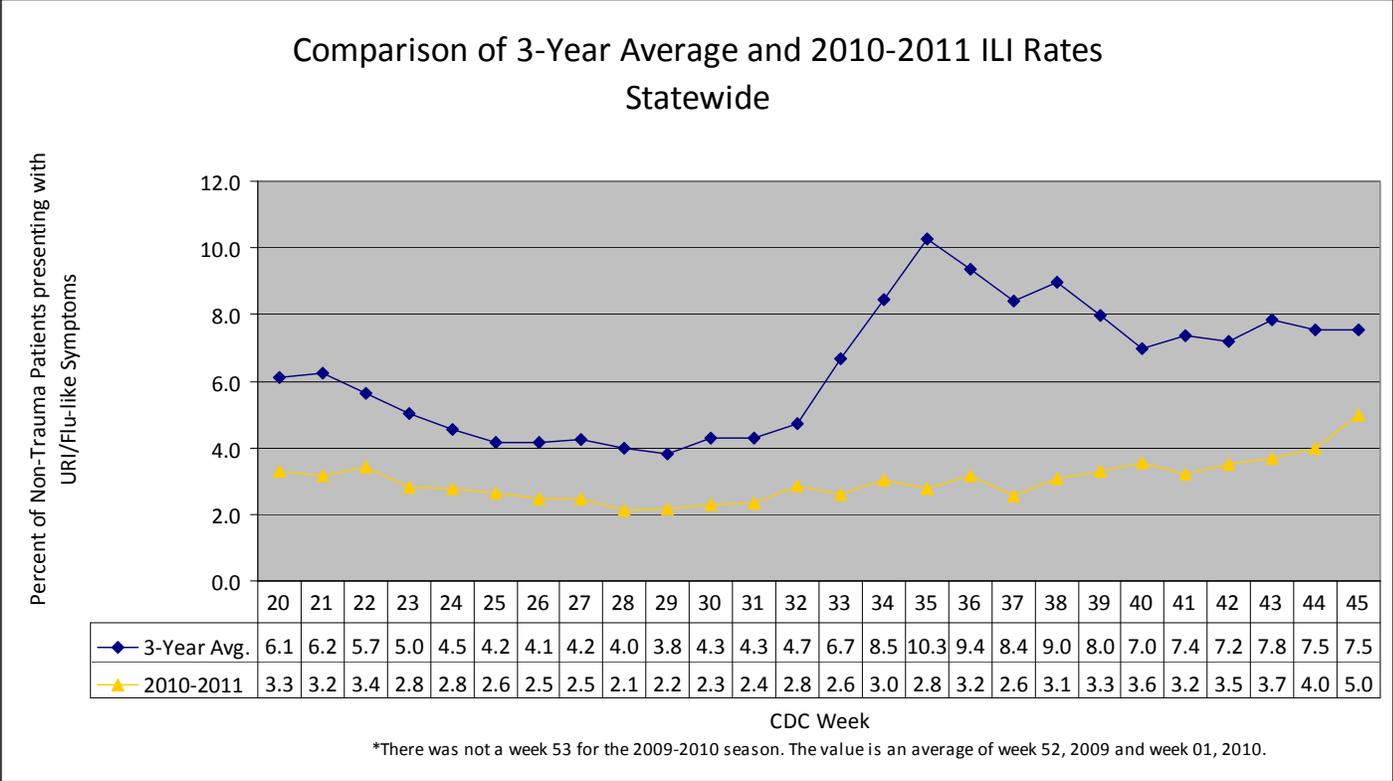
For week 45 (11/7/2010-11/13/2010), the overall state ILI rate (5.0%) was higher compared to last week (4.0%), but was lower than this time last year (7.1%).

Statewide ILI Data, Week 45 ending November 13, 2010  
Current Season compared to Previous Season



\*There was not a week 53 for the 2009-2010 season. The value is an average of week 52, 2009 and week 01, 2010.

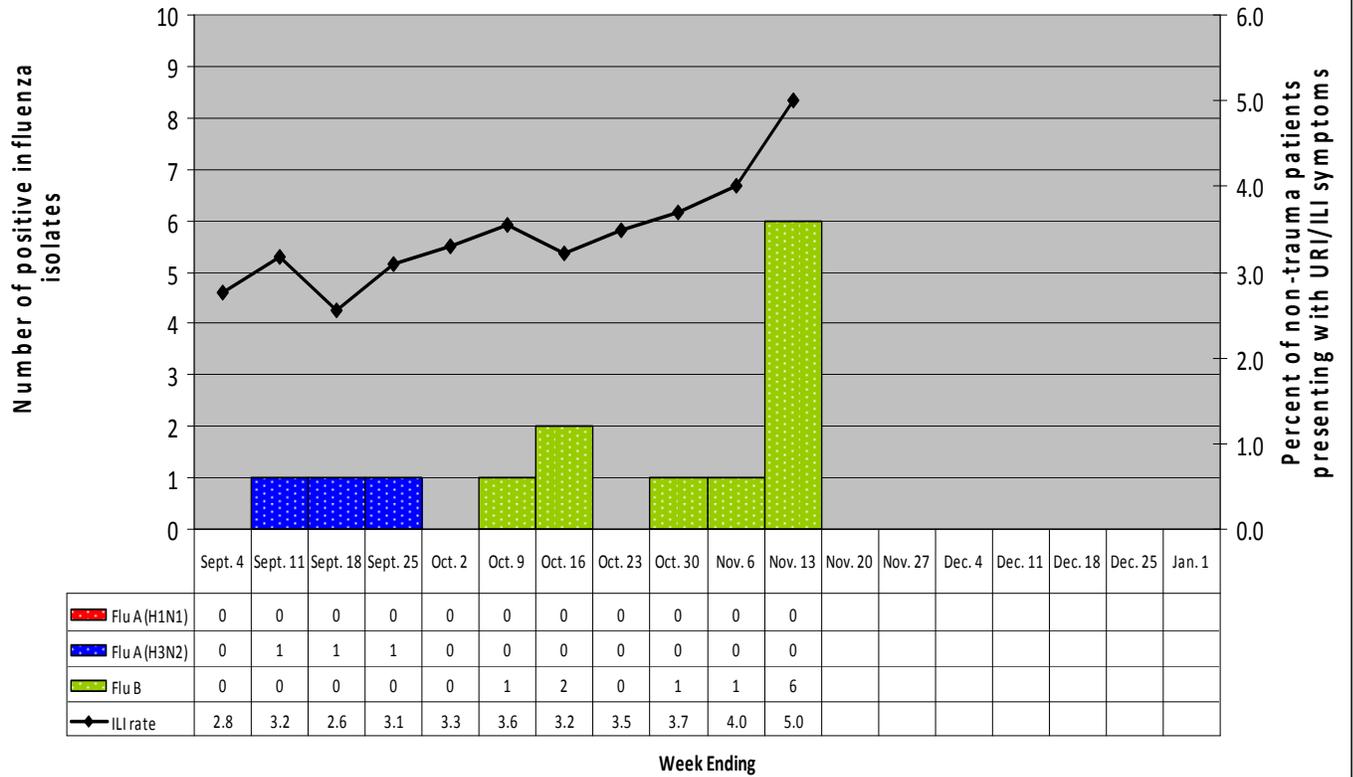
The 2010-11 state ILI rate was below baseline for week 45 and has been below baseline for the past six months.



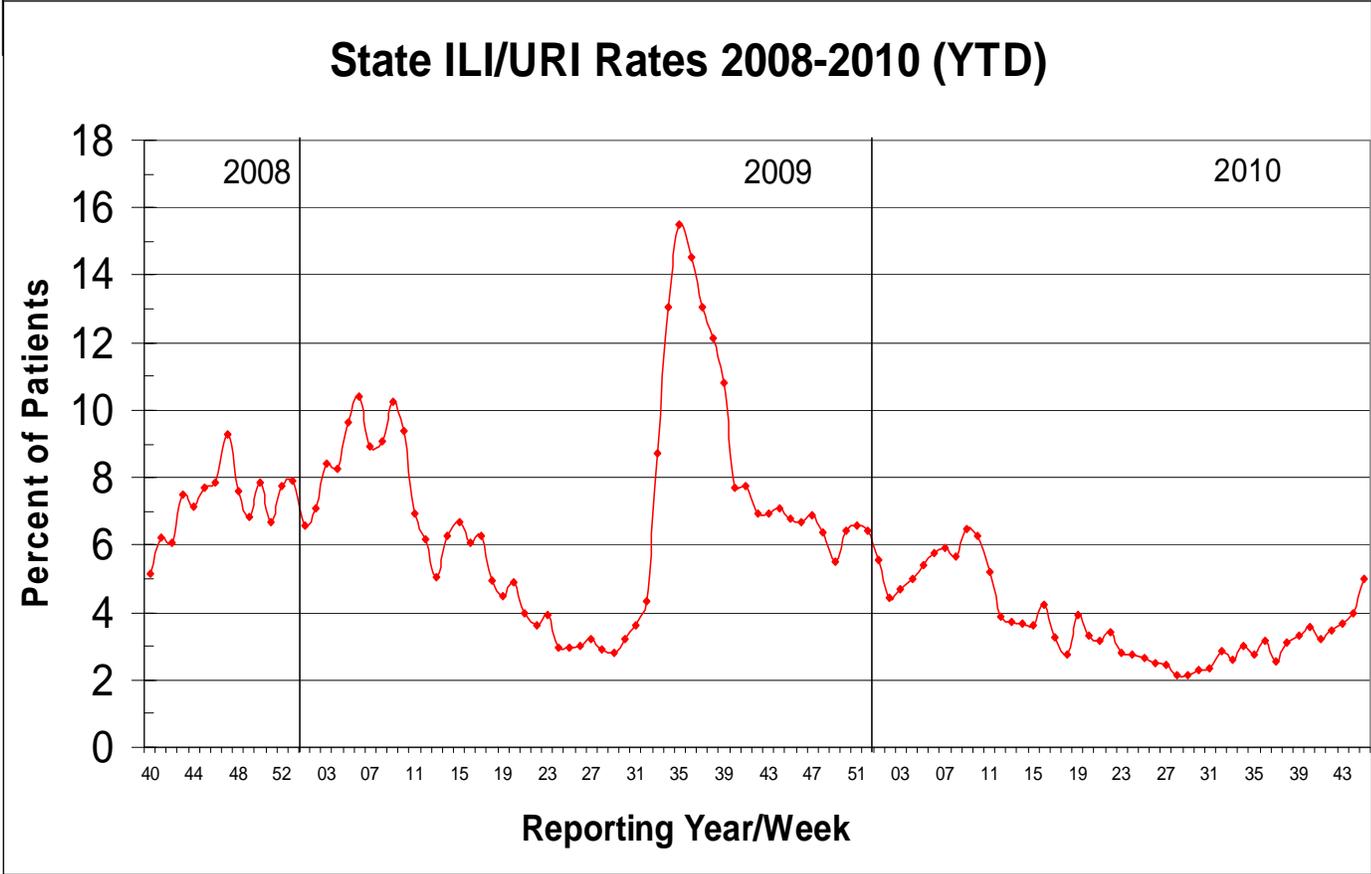
During week 45, all districts except one (5) had an increase in ILI activity; district 5 had a decrease.

Since September, there have been **fourteen** respiratory samples that were positive by influenza PCR testing. Three were positive for influenza A (H3), one of which had a documented travel history to Florida prior to the onset of symptoms, and represented an imported case. The other eleven confirmed influenza cases were Flu B. The cases were identified from the following counties: Attala, Holmes, Jasper, Lamar, Lauderdale, Leake, Marshall, Oktibbeha, and Perry.

**Comparison of Statewide ILI Rate to Positive Influenza Isolates by Type and Subtype, Mississippi,  
August 28, 2010- November 13, 2010  
(CDC Week 35, 2010- Week 45, 2010)**

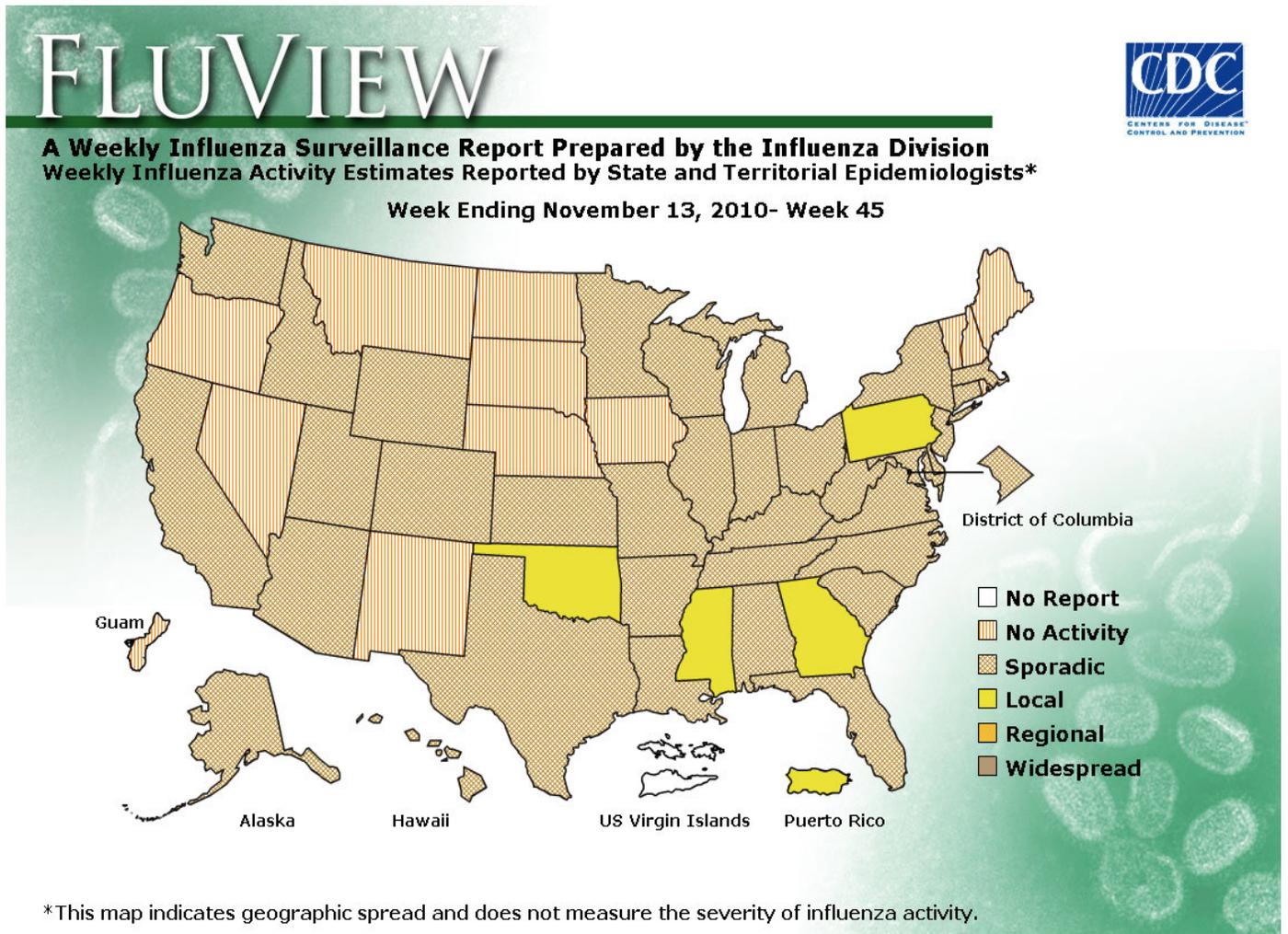


State URI/ILI Surveillance YTD



## National ILI Surveillance

Mississippi reported **“local”** (increased ILI within a single region AND recent [within the past 3 weeks] laboratory evidence of influenza in the region) activity for week **45**.

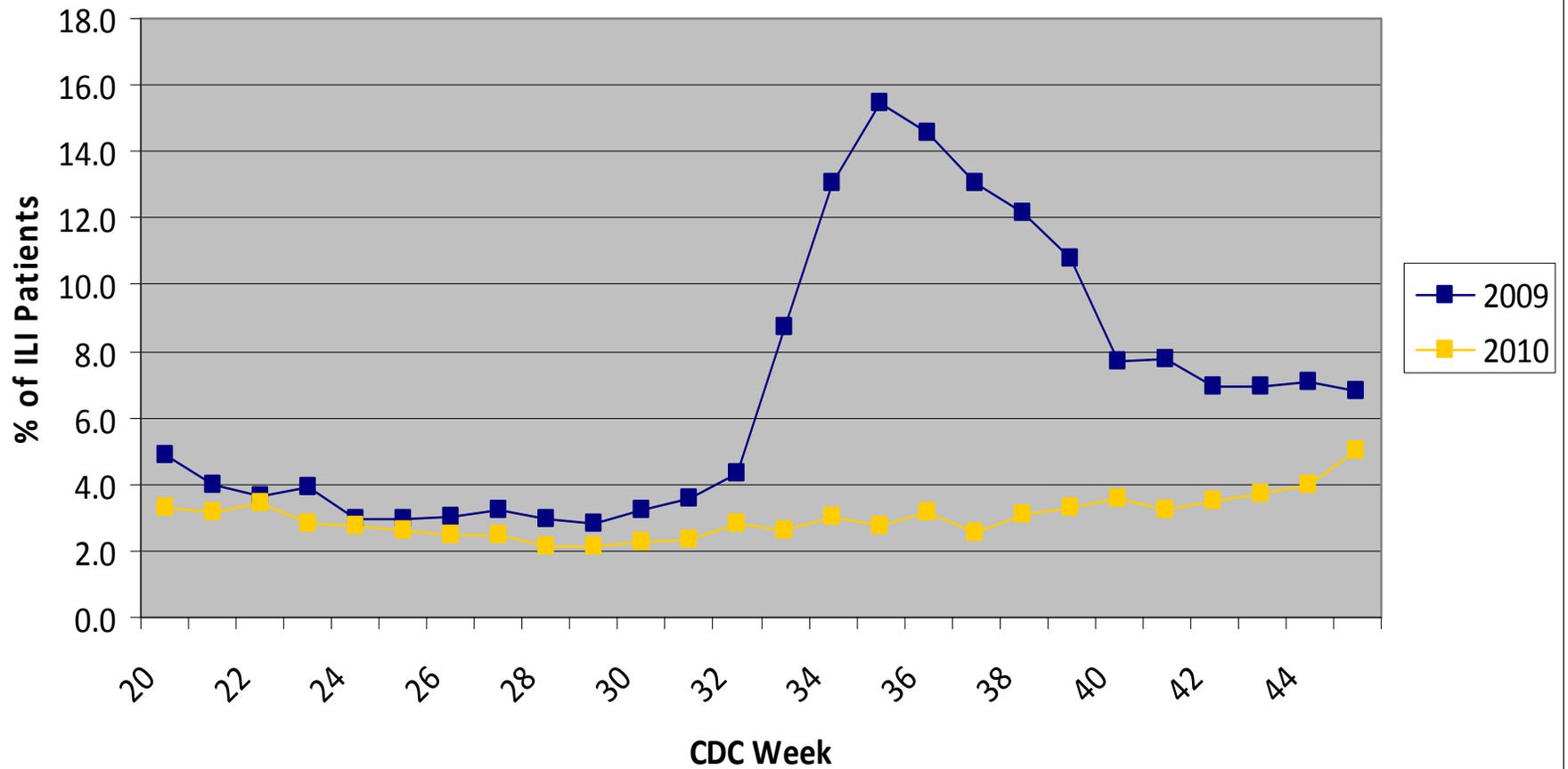


For more information on flu activity nationwide, please refer to the CDC's website:  
<http://www.cdc.gov/flu/weekly/fluactivity.htm>

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Appendix

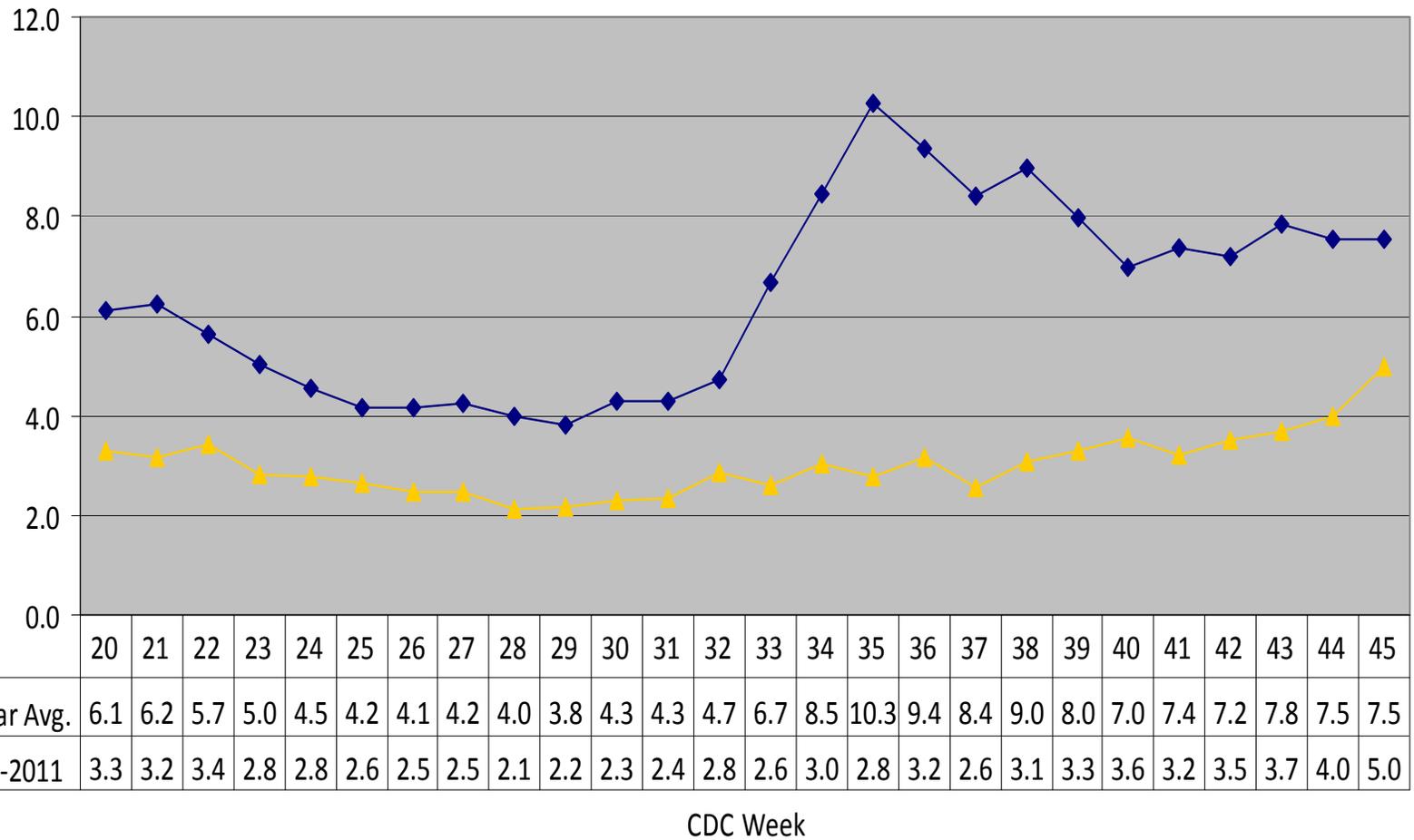
### Statewide ILI Data, Week 45 ending November 13, 2010 Current Season compared to Previous Season



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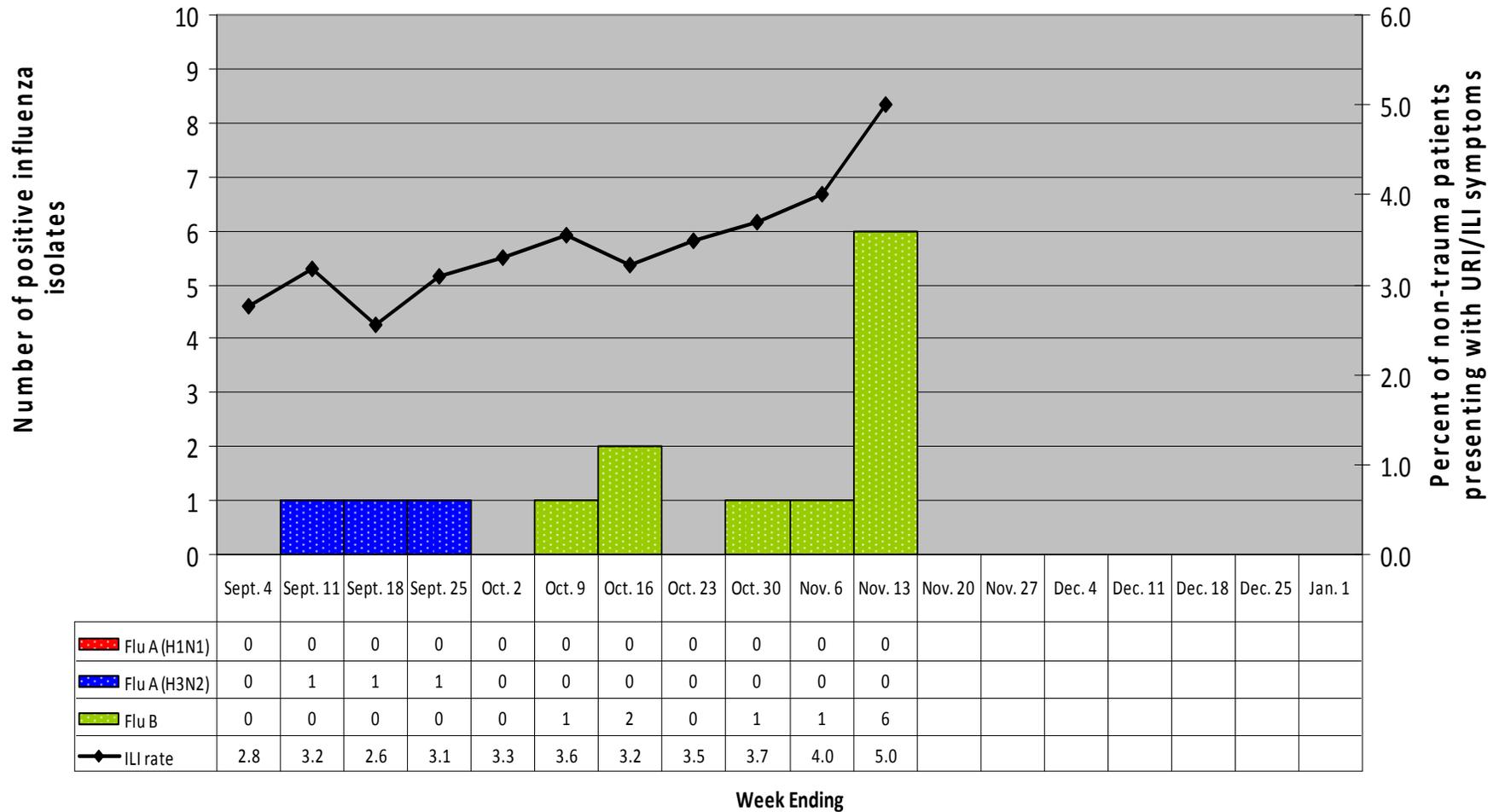
## Comparison of 3-Year Average and 2010-2011 ILI Rates Statewide

Percent of Non-Trauma Patients presenting with  
URI/Flu-like Symptoms



\*There was not a week 53 for the 2009-2010 season. The value is an average of week 52, 2009 and week 01, 2010.

**Comparison of Statewide ILI Rate to Positive Influenza Isolates by Type and Subtype, Mississippi,  
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# State ILI/URI Rates 2008-2010 (YTD)

