



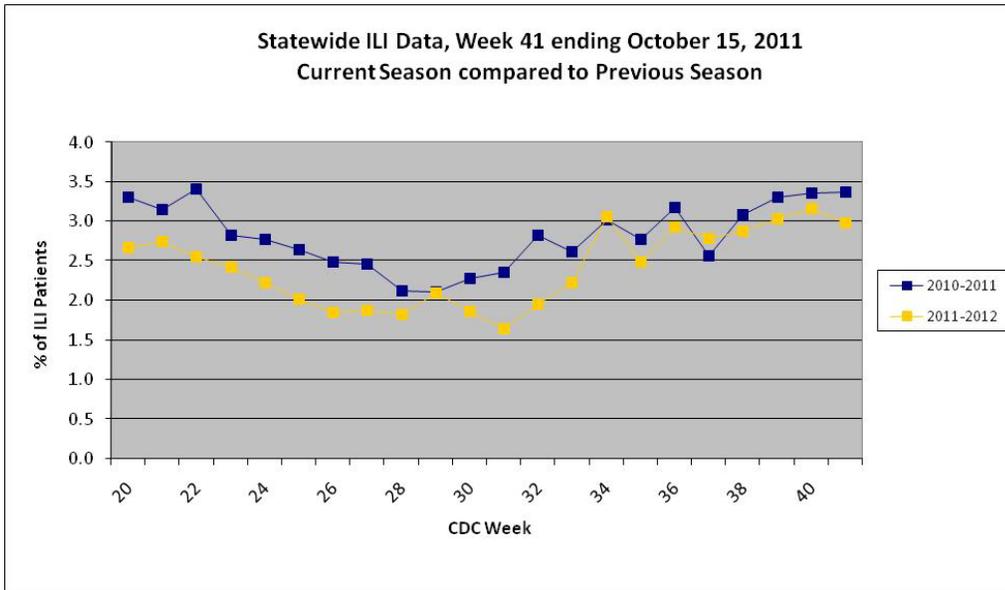
# 2011-2012 Influenza Report Week 41

*October 9 – October 15, 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



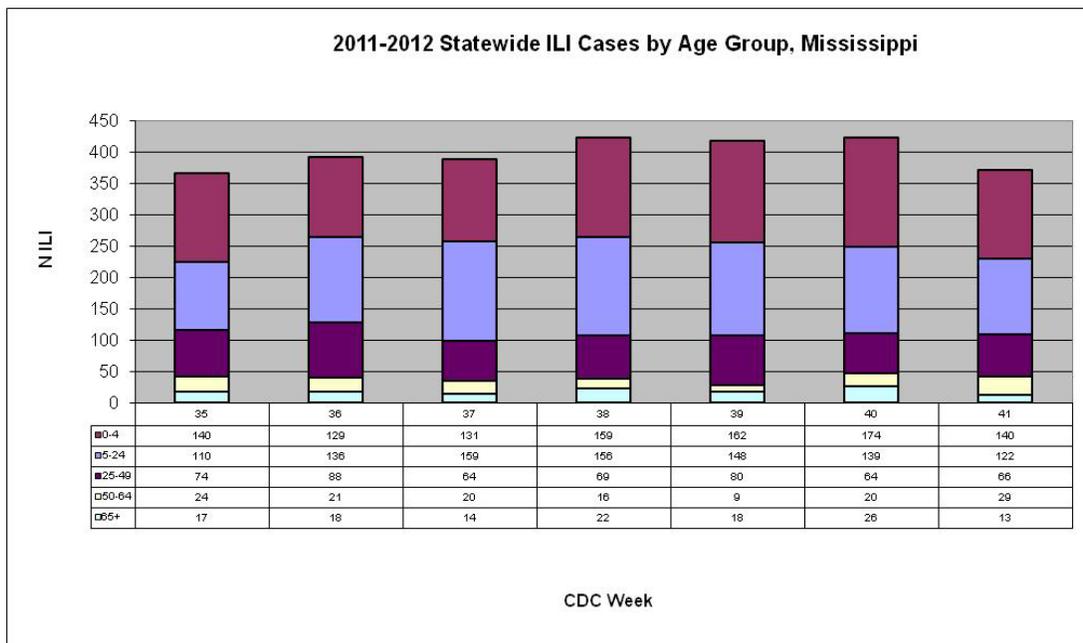
For week **41** (10/9/2011-10/15/2011), the overall state ILI rate (**3.0%**) was **comparable** to last week (**3.2%**) and this time last year (**3.4%**). | **Figure 1**

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>41</b>	<b>Oct. 15</b>	<b>11694</b>	<b>349</b>	<b>3.0%</b>
40	Oct. 8	13258	419	3.2%
39	Oct. 1	13888	421	3.0%

During week **41**, **two** districts (2 and 8) had a moderate increase in ILI activity and **one** district (6) had a decrease in ILI activity. **Five** districts (1, 4, 5, 7, and 9) remained about the same. *Information is provisional only and may change depending on additional reporting from sentinel providers.* | **Table 2**

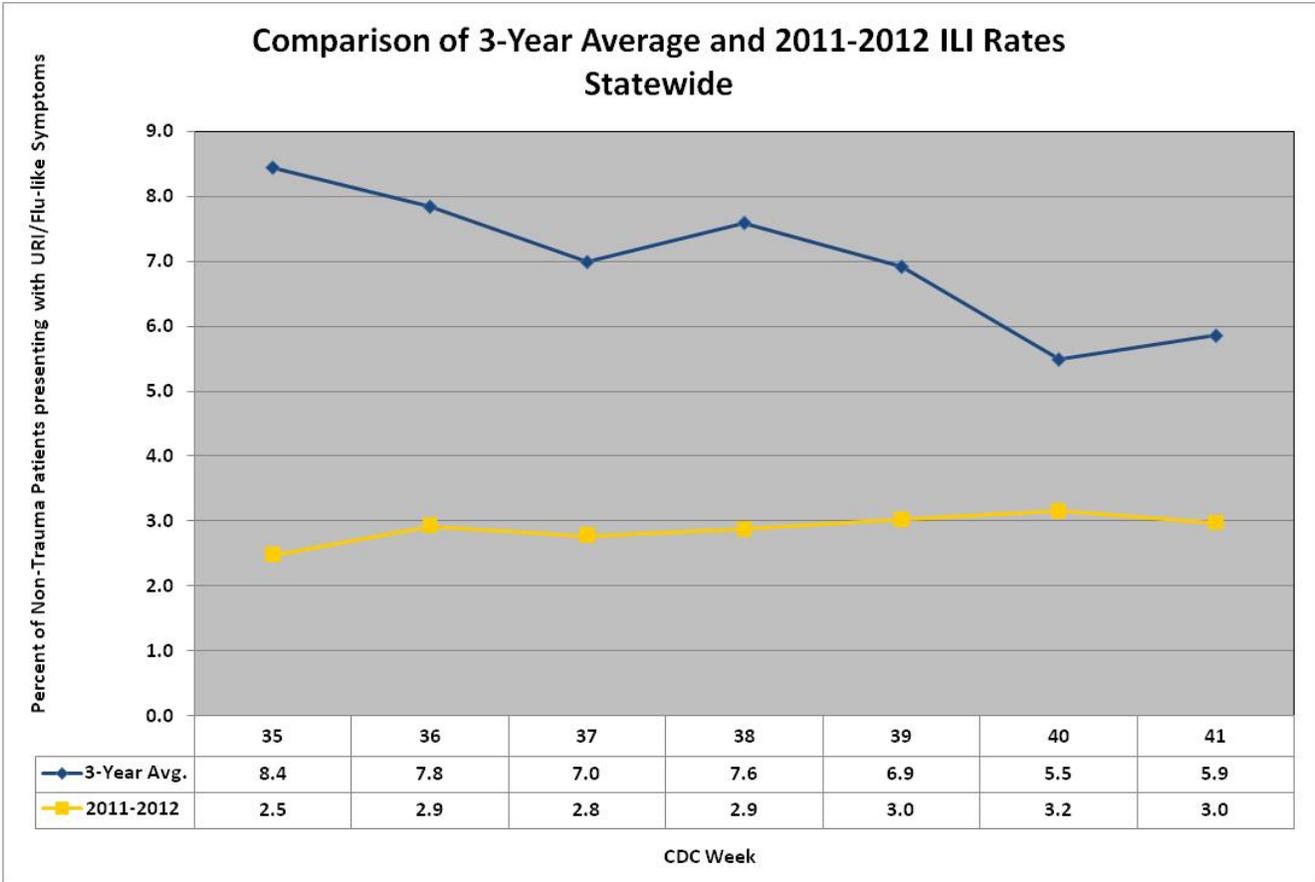
MSDH District ILI Rates (%) 2011-2012		
District	Week 40	Week 41
State	3.2	3.0
1	3.1	3.3
2	5.9	7.8
3	7.2	No data available
4	3.0	3.2
5	1.1	0.7
6	6.7	4.7
7	1.6	1.6
8	3.1	4.2
9	3.3	3.1



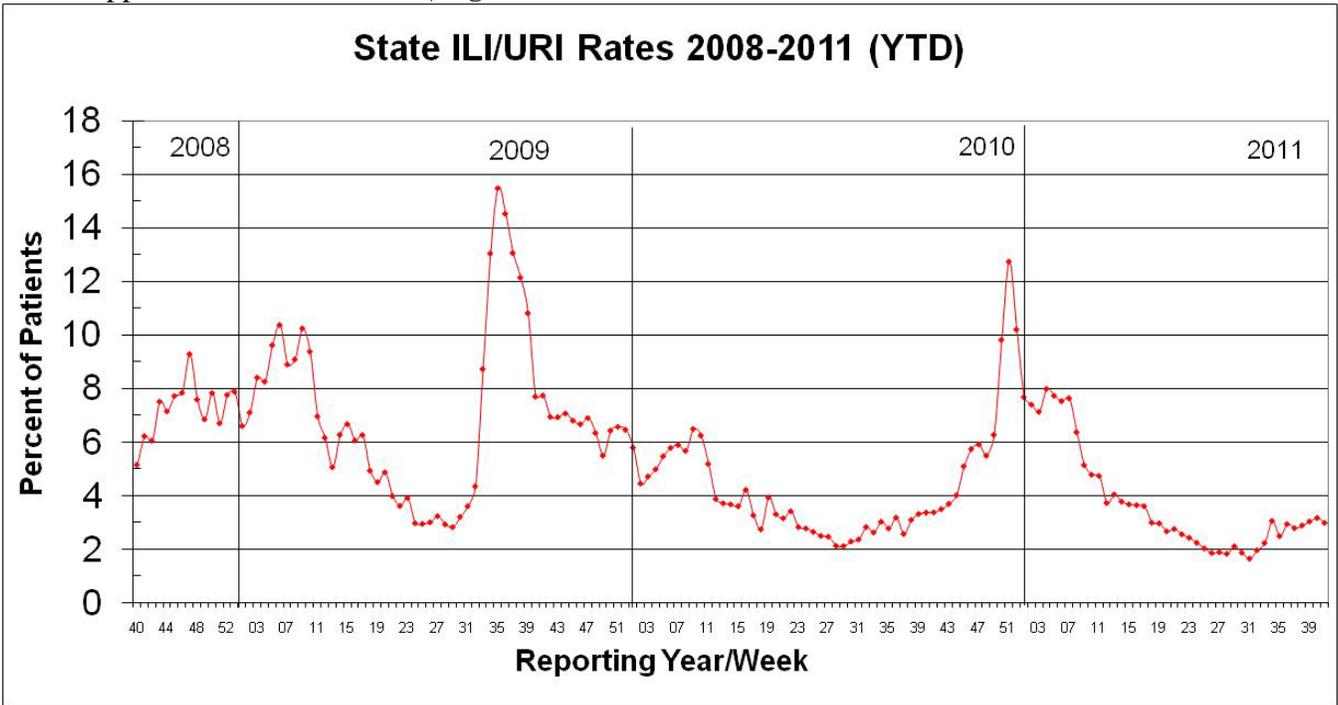
The number of reported ILI cases has been highest among people in the 0 to 4 years of age group, followed by those in the 5 to 24 years of age group. During Week **41**, the

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 **41**. | **Figure 3**



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



### Flu testing Reports

Since week 35, there has been no laboratory confirmed influenza cases reported from the Mississippi Public Health Laboratory.

### National ILI Surveillance

During week **41**, **no** influenza-associated pediatric deaths were reported to CDC.

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

Mississippi reported “**No Activity**” for week **41**. | **Table 4**

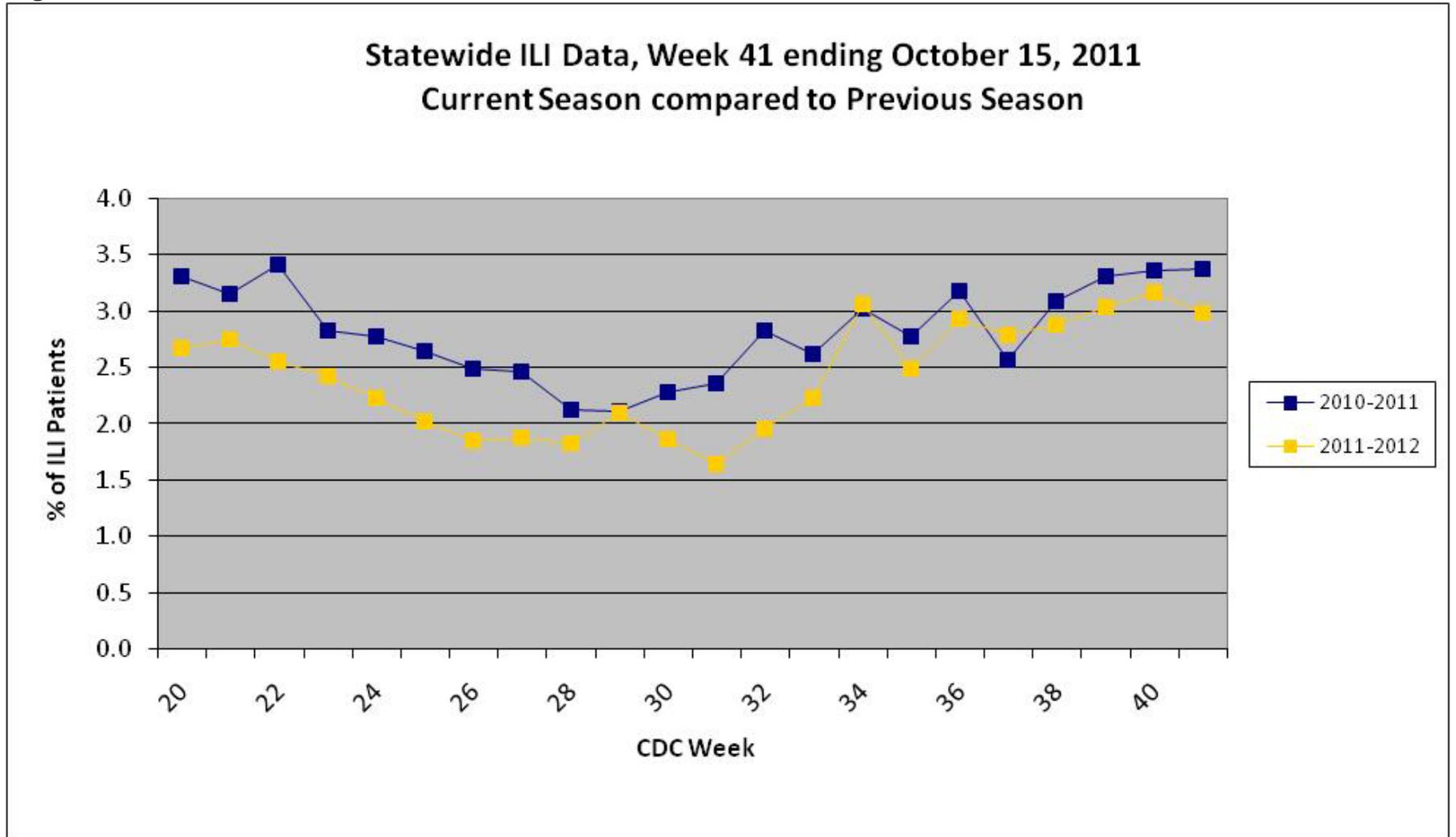
<b>Level of Flu Activity</b>	<b>Definition</b>
<b>No Activity</b>	Overall clinical activity remains low and there are no lab confirmed cases.
<b>Sporadic</b>	Isolated cases of lab confirmed influenza in the state; ILI activity is not increased <u>OR</u> A lab-confirmed outbreak in a single institution in the state; ILI activity is not increased.
<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. ILI activity in other regions is not increased <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.



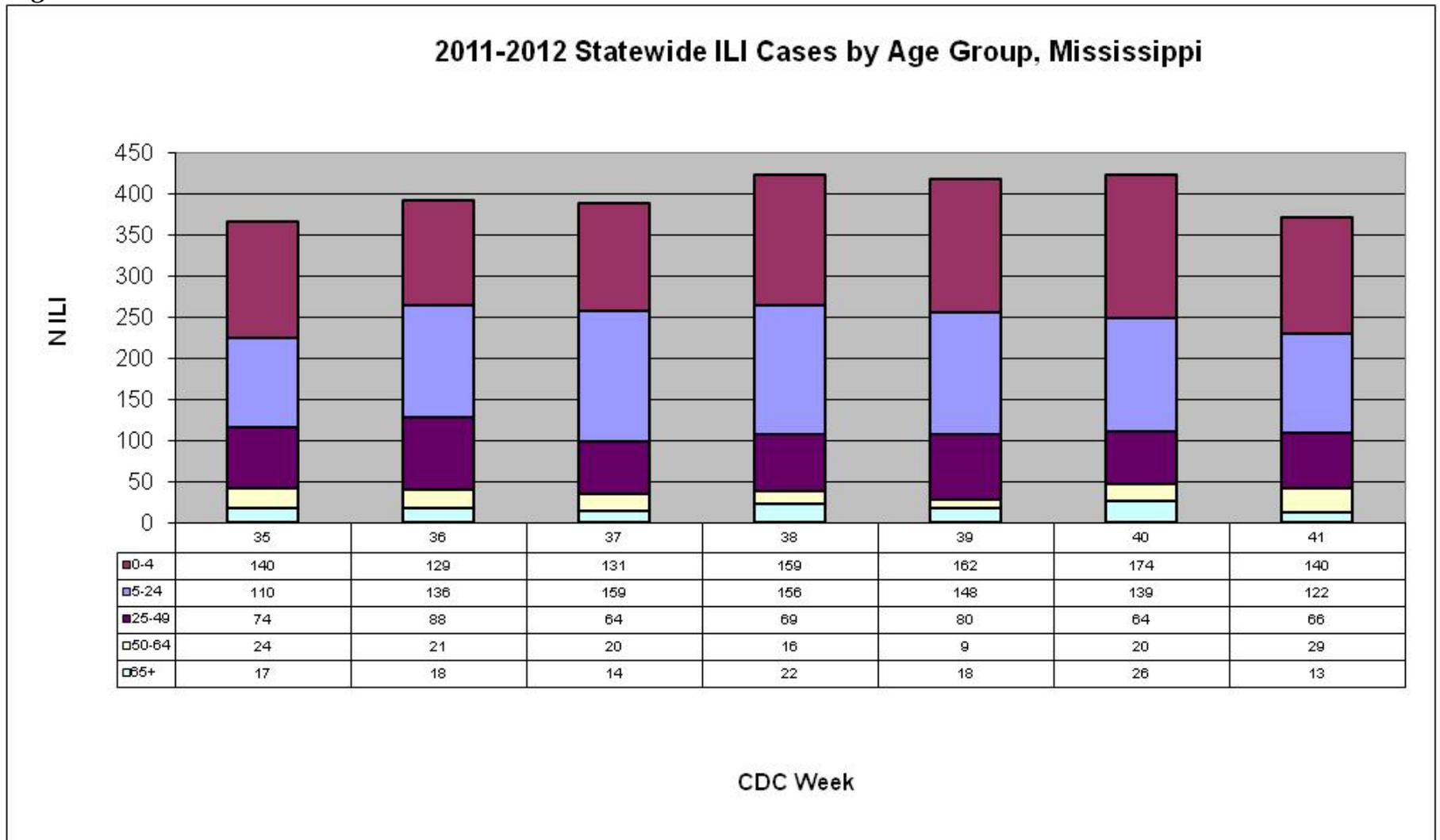
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## Appendix

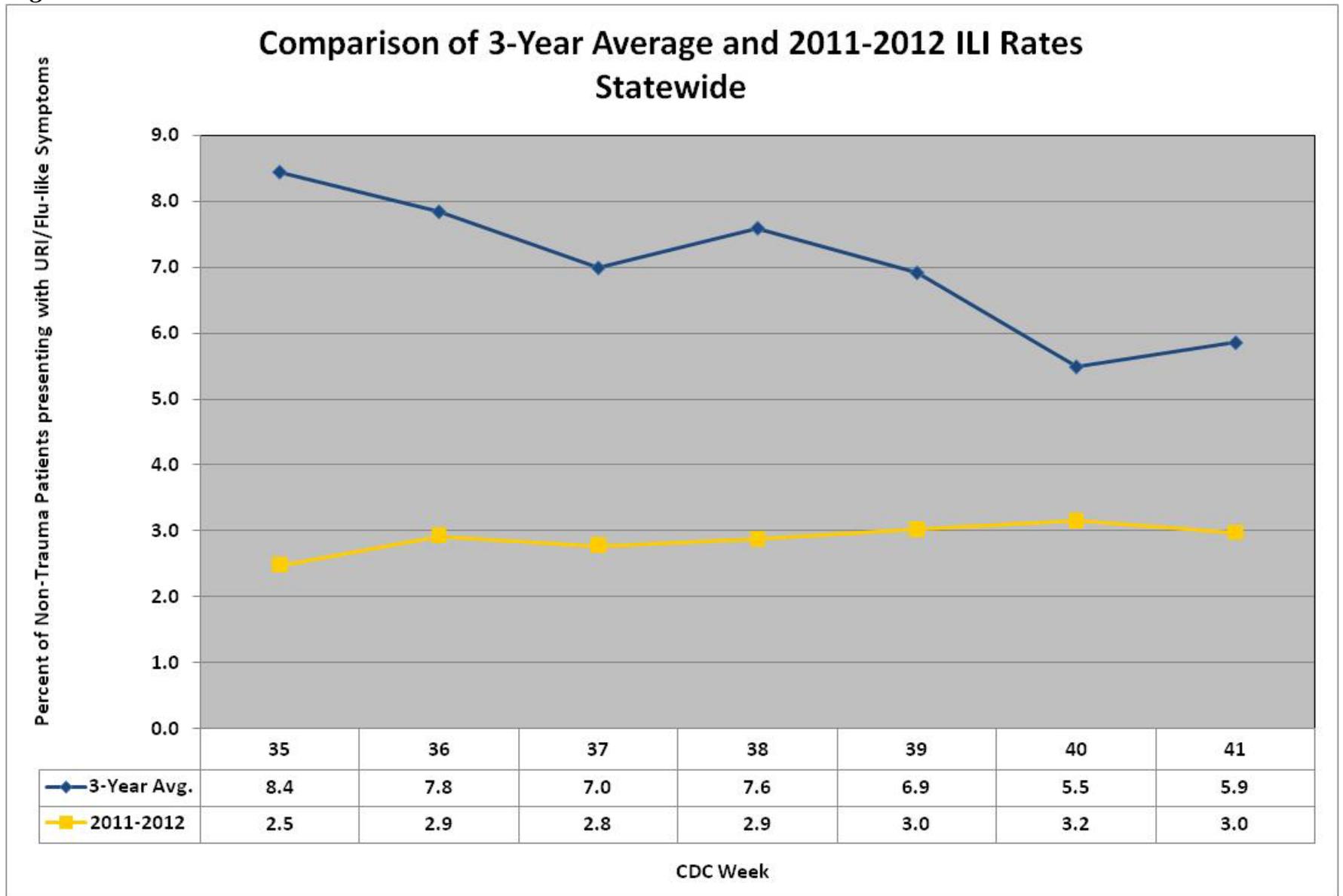
Figure 1



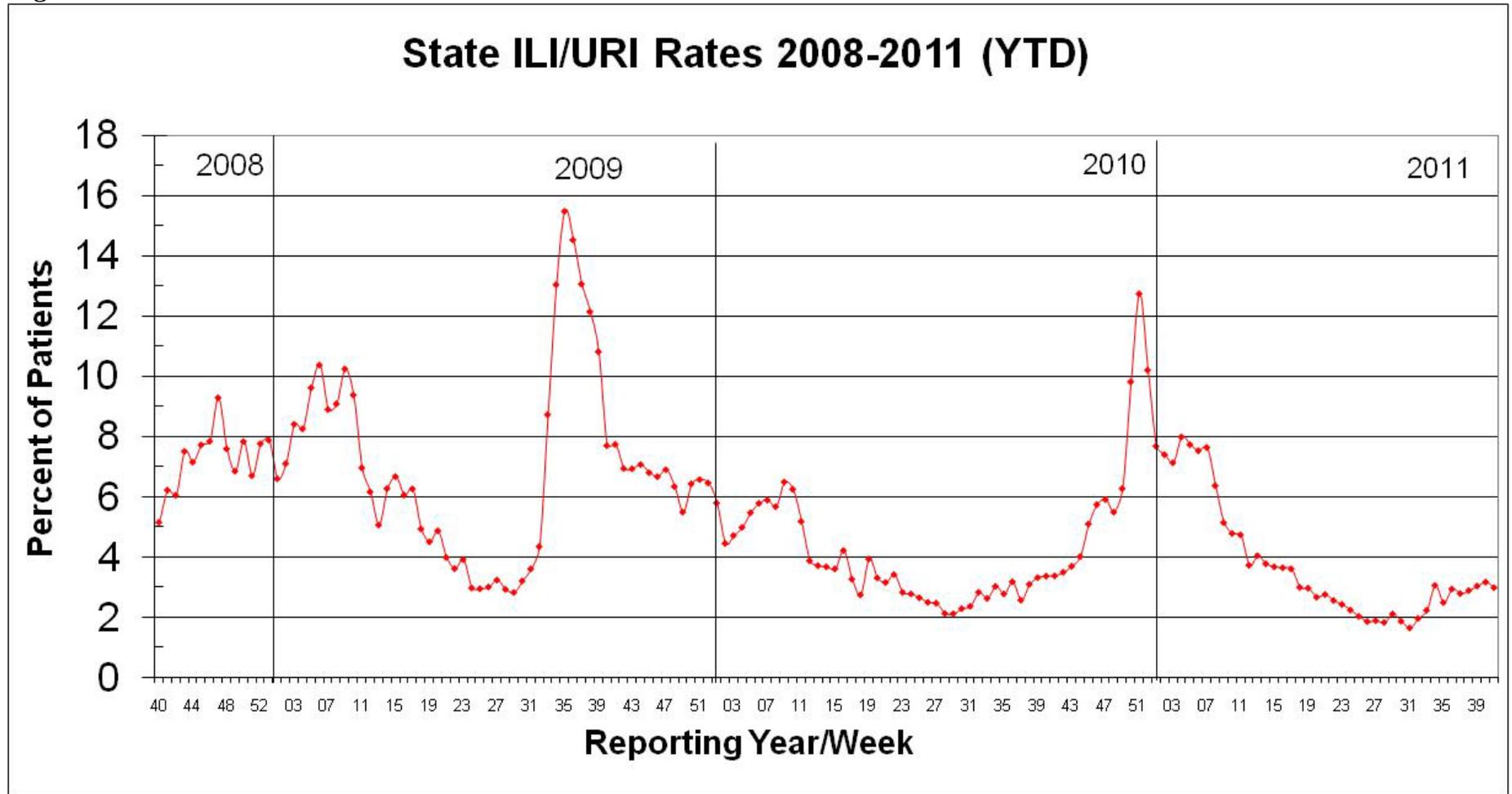
**Figure 2**



**Figure 3**



**Figure 4**



**Figure 5**

## Weekly Influenza Activity Estimates Reported by State & Territorial Epidemiologists\*

Week ending October 15, 2011 - Week 41

