

## Southern Nevada Weekly Influenza Surveillance Snapshot CDC Week 45, November 5 - 11, 2017

**Summary:** Influenza surveillance for Clark County, Nevada includes data collected from local hospital emergency rooms, healthcare providers and laboratories. While seasonal influenza (flu) viruses can be detected year-round, flu viruses are most common during the fall and winter. Most of the time, flu activity peaks between December and February. In Clark County, as of November 11, 2017, the total number of confirmed cases of influenza during the 2017-2018 season was 78. The percentage of emergency room (ER) visits for Influenza-like Illness (ILI) in Week 45 remained at the warning level. Approximately 43% of ER visits for ILI were children of 0-4 years of age. Influenza A was the dominant type circulating locally. One influenza-associated pediatric death occurred this season. Southern Nevada Health District will continue to update the public on the progression of the season and encourage the population to get vaccinated.

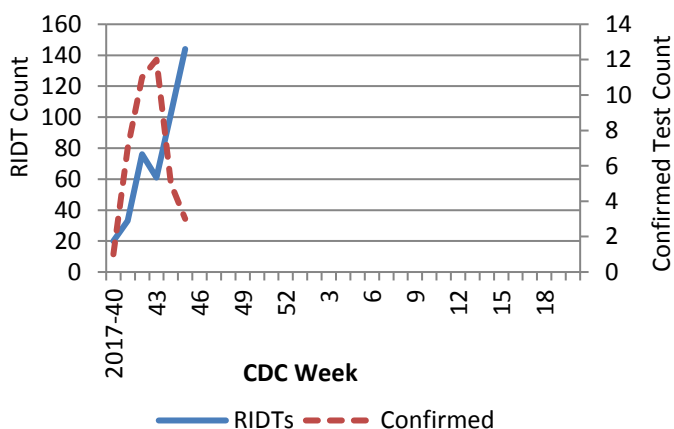
**Table 1: Influenza Report by Age Group, Clark County, NV (CDC Week 40, 2017 to Week 45, 2017)**

Age Group	Deaths	Hospitalizations	*Confirmed Cases
0-4	1	1	1
05-24	0	3	6
25-49	0	11	15
50-64	0	9	13
65+	0	40	43
<b>Total</b>	<b>1</b>	<b>64</b>	<b>78</b>

**Table 2: Influenza Report by Virus Strain, Clark County, NV (CDC week 40, 2017 to Week 45, 2017)**

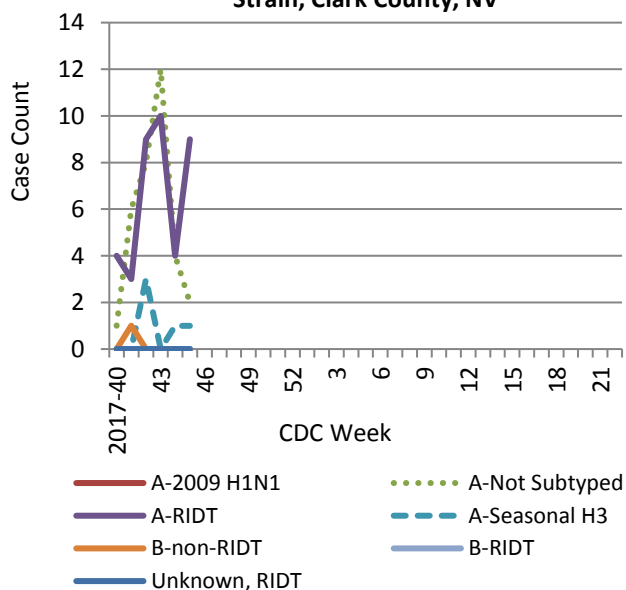
Influenza Type	Deaths	Hospitalizations	*Confirmed Cases
Influenza A (2009 H1N1)	0	0	0
Influenza A (not sub-typed)	0	22	33
Influenza A (RIDT)	0	39	39
Influenza A (seasonal H3)	1	3	5
Influenza B (non-RIDT)	0	0	1
Influenza B (RIDT)	0	0	0
Influenza (unknown type, RIDT)	0	0	0
<b>Total</b>	<b>1</b>	<b>64</b>	<b>78</b>

**Figure 1: Weekly Count of Reported Positive Influenza Tests by Test Type\*, Clark County, NV**



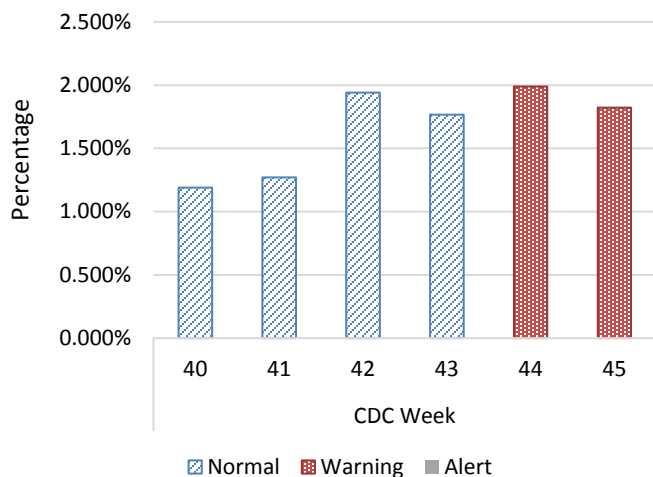
\*Test Type - RIDT: Rapid Influenza Diagnostic Test  
Test Type - Confirmed: PCR, Culture, Immunofluorescent DFA Staining

**Figure 2: Distribution of Confirmed Cases by Virus Strain, Clark County, NV**

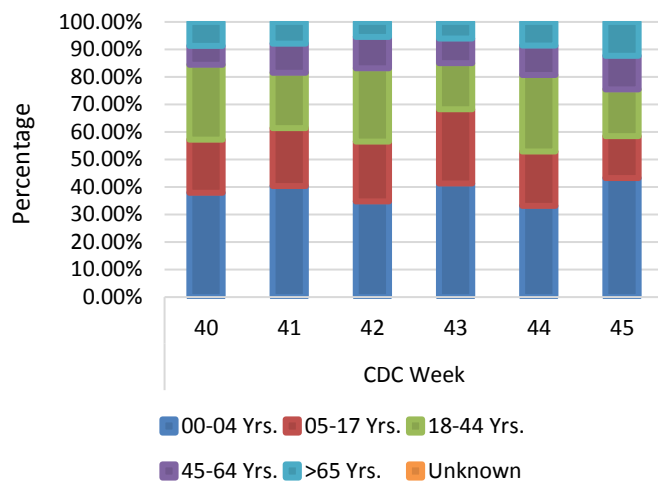


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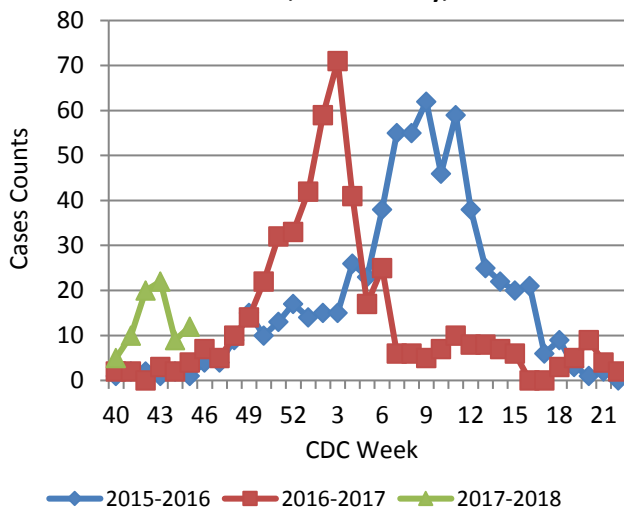
**Figure 3: Weekly Percentage of Emergency Room Visits for Influenza-Like Illness, Clark County, NV**



**Figure 4: Age Distribution of Emergency Room Visits for Influenza-Like Illness, Clark County, NV**

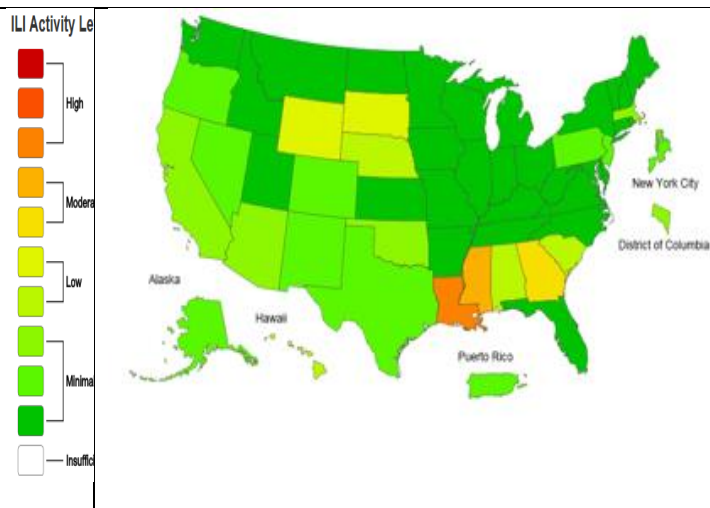


**Figure 5: Seasonal Trends of Confirmed Cases of Influenza, Clark County, NV**



**Figure 6: National ILI Activity Level- 2017-18 Influenza Season**  
CDC Week 45 ending November 11, 2017

(<https://gis.cdc.gov/grasp/fluview/main.html>)



\*Confirmed Cases= Laboratory confirmed by PCR, culture, immunofluorescent DFA antigen staining, IHC staining, rapid influenza diagnostic tests (RIDTs) with hospitalizations for 24 hours or longer, or RIDTs with death.

For additional information regarding SNHD influenza surveillance, please visit us at <http://southernnevadahealthdistrict.org/stats-reports/influenza-surveillance.php>.