

Southern Nevada Weekly Influenza Surveillance Snapshot

Morbidity and Mortality Weekly Report (MMWR) Week of Oct 22, 2017 to Oct 28, 2017

Summary: Influenza surveillance for Clark County, Nevada includes data collected from local hospital emergency rooms, healthcare providers and laboratories. Comparing to Week 42, the influenza activity increased during Week 43 (October 22-28, 2017). Although the total number of confirmed cases in the season was 13 as of October 28, 2017, the number of emergency room (ER) visits for Influenza-like Illness (ILI) reached the warning level. Approximately 9% of all ER visits were from children of 0-4 years of age for ILI. Influenza A was the dominant type circulating locally. No influenza-associated pediatric death occurred this season. SNHD 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 (MMWR Week 40, 2017 to Week 43, 2017)

Age Group	Deaths	Hospitalizations	*Confirmed Cases
0-4	0	0	0
05-24	0	1	1
25-49	0	4	4
50-64	0	1	1
65+	0	6	7
Total	0	12	13

Table 2: Influenza Report by Virus Strain (MMWR week 40, 2017 to Week 43, 2017)

Influenza Type	Deaths	Hospitalizations	*Confirmed Cases
Influenza A (2009 H1N1)	0	0	0
Influenza A (not sub-typed)	0	1	1
Influenza A (RIDT)	0	11	11
Influenza A (seasonal H3)	0	0	1
Influenza B (non-RIDT)	0	0	0
Influenza B (RIDT)	0	0	0
Influenza (unknown type, RIDT)	0	0	0
Total	0	12	13

Figure 1: Weekly Counts of Reported Positive Influenza Tests by Test Type (RIDTs:Rapid Influenza Diagnosis Test. Confirmed: PCR, Culture, Immunofluorescent DFA staining)

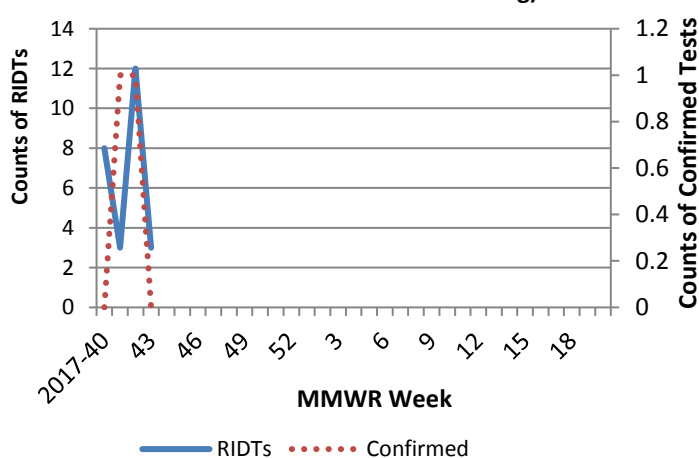
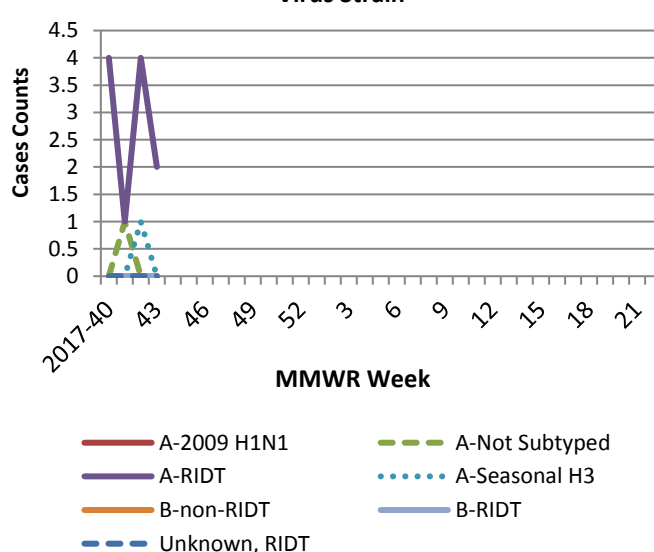


Figure 2: Distribution of *Confirmed Cases by Virus Strain



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Figure 3: Weekly Percentage of Emergency Room Visits for Influenza-Like Illness

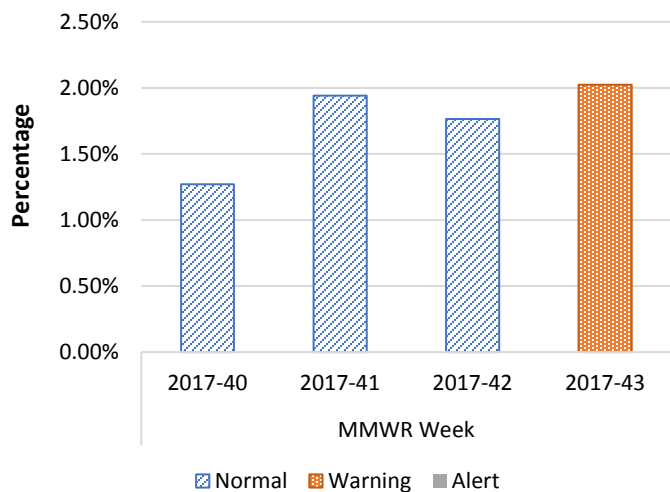


Figure 4: Weekly Percentage of Emergency Room Visits by Age Group for Influenza-Like Illness

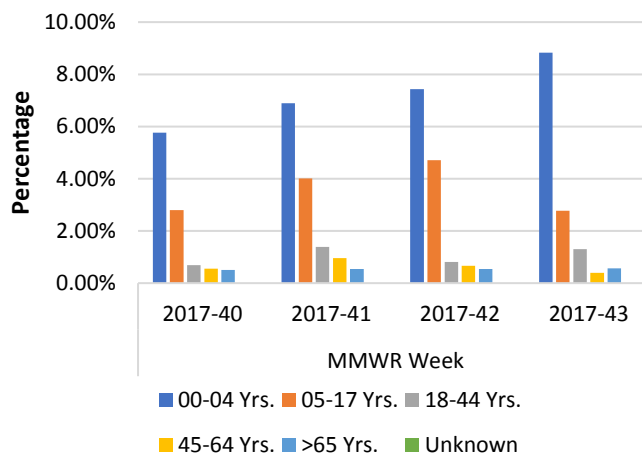


Figure 5: Seasonal Trends of *Confirmed Cases of Influenza in Clark County, Nevada

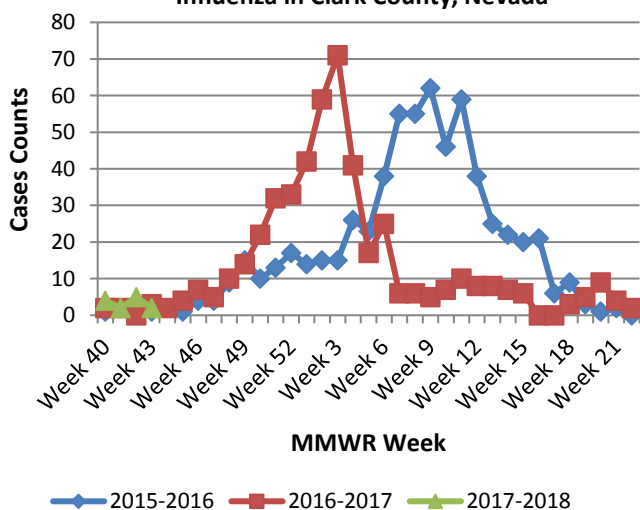
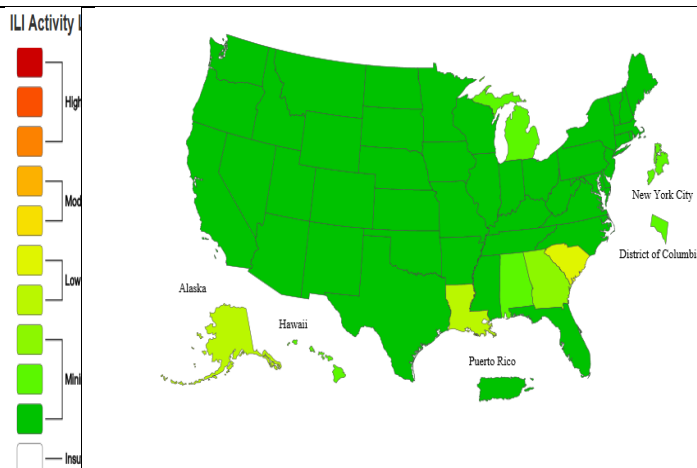


Figure 6: National ILI Activity Level- 2017-18 Influenza Season Week 42 ending October 21, 2017

<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>.