



## Southern Nevada Weekly Influenza Surveillance Snapshot CDC Week 15, April 8, 2018 to April 14, 2018

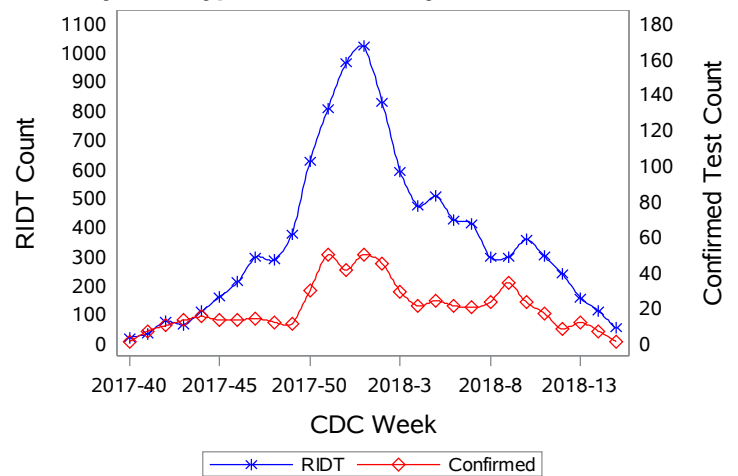
### Summary:

Influenza surveillance for Clark County, Nevada includes data collected from 16 local hospital emergency rooms and 71 healthcare providers. During week 15, the influenza activity decreased in the United States and remained at the minimal level in the state of Nevada. In Clark County, as of 4/14/2018, the total number of confirmed cases of influenza during the season was 1291 with 50% being age 65 and older, and the proportion of emergency room (ER) visits for Influenza-like Illness (ILI) decreased from 2.7% in week 14 to 2.4% in week 15. Approximately 45% of area ER visits for ILI were children under 18 years of age. Influenza B was the dominant type circulating in Week 15. Forty-eight influenza-associated deaths, including 3 deaths of children under age 18, occurred this season in Clark County. Southern Nevada Health District will continue to update the public on the progression of the season and encourage influenza vaccination for all persons 6 months of age and older.

**Table 1: Influenza Report by Age Group, Clark County, NV (CDC Week 40, 2017 to Week 15, 2018)**

Age Group	Deaths	Hospitalized	Confirmed Cases*
0-4	1	45	77
05-17	2	29	101
18-24	1	29	35
25-49	2	113	185
50-64	12	174	245
65+	30	550	648
Total Confirmed Cases	48	940	1291

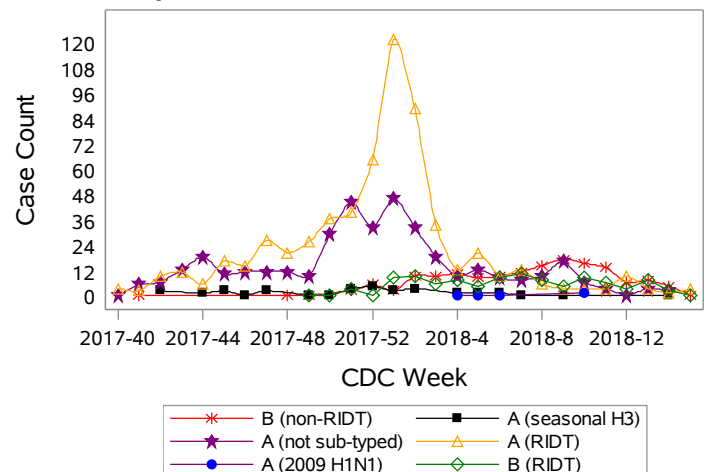
**Figure 1: Weekly Count of Reported Positive Influenza Tests by Test Type\*\*, Clark County, NV**



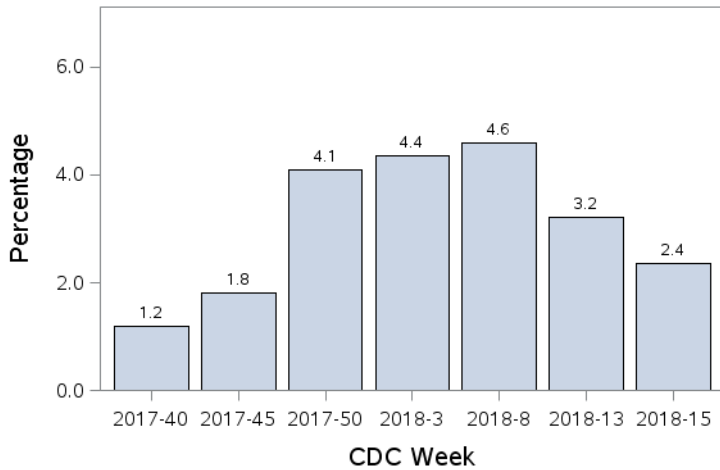
**Table 2: Influenza Report by Virus Strain, Clark County, NV (CDC Week 40, 2017 to Week 15, 2018)**

Influenza Type	Deaths	Hospitalized	Confirmed Cases*
A (2009 H1N1)	1	3	5
A (RIDT)	28	615	615
A (not sub-typed)	6	155	369
A (not sub-typed)	0	0	2
A (seasonal H3)	3	23	37
B (RIDT)	6	109	109
B (non-RIDT)	4	35	154
Total Confirmed Cases	48	940	1291

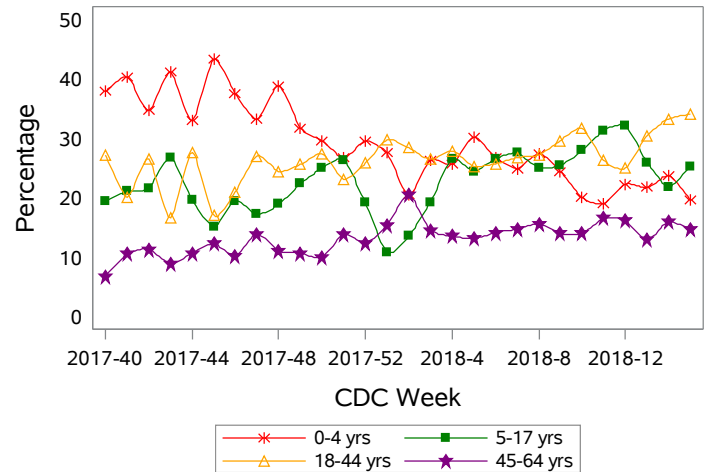
**Figure 2: Distribution of Confirmed Cases\* by Virus Strain, Clark County, NV**



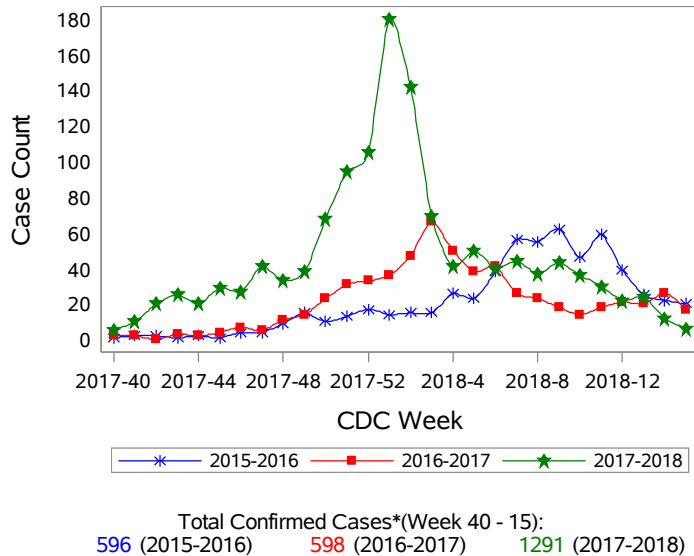
**Figure 3: Weekly Percentage of Emergency Room Visits for Influenza-Like Illness, Clark County, NV**



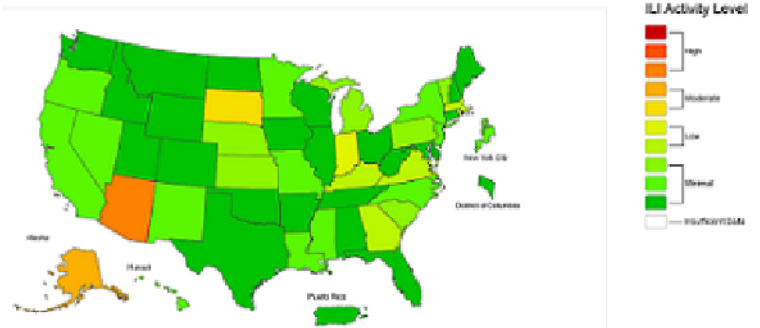
**Figure 4: Age Distribution of Emergency Room Visits for Influenza-Like Illness, Clark County, NV**



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



**Figure 6: National ILI Activity Level- 2017-2018 Influenza Season CDC Week 15 ending April 14, 2018**



\*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.

\*\*Test Type-RIDT: Rapid Influenza Diagnostic Test.

Test Type- Confirmed: PCR; Culture; Immunofluorescence, Direct (DFA) or Indirect (IFA) Florescent Antibody Staining; and Immunohistochemical (IHC)staining.

Note: The total number of confirmed cases presented in this report is subject to changes due to possible delays in reporting and processing.

For additional information regarding SNHD influenza surveillance, please visit us at

<http://southernnevadahealthdistrict.org/stats-reports/influenza-surveillance.php>.

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