

## Southern Nevada Weekly Influenza Surveillance Snapshot MMWR Week of April 30, 2017 to May 6, 2017

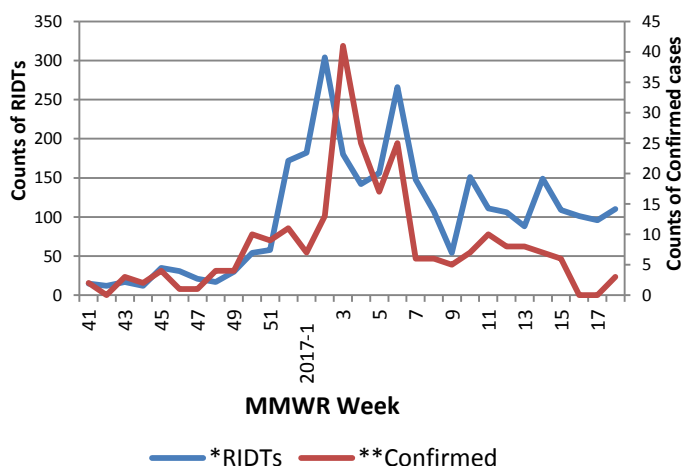
**Summary:** Influenza surveillance in Southern Nevada for the 2016/2017 season recorded an expected increase in cases up to a peak during week 2 and 3 of 2017. A subsequent gradual decrease was then noted through week 5 followed a sharp increase in week 6 then a significant decrease for the past 12 weeks. The total number of confirmed cases was 611 as of May 6, 2017. Compared to the previous season, there was a 3.3% decrease in cases. Influenza A is the dominant type circulating locally (83.5%). Influenza B accounted for approximately 16.4%. No influenza-associated pediatric death occurred this season. SNHD has continued to update the public on the progression of the season and has encouraged the population to get vaccinated.

**Table 1: Influenza Report by Age Group, Clark County, NV (MMWR Week 40, 2016 to Week 18, 2017)**

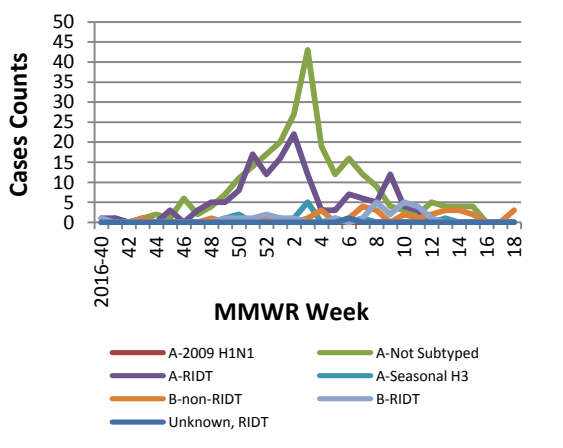
Age Group	Deaths	*Hosp	Cases
0-4	0	37	99
05-24	0	40	124
25-49	1	65	87
50-64	1	83	99
65+	7	186	202
<b>Total</b>	<b>9</b>	<b>411</b>	<b>611</b>

\*Hosp.= Hospitalizations

**Figure 1: Weekly Variation of Influenza Cases by Test Type (\*RIDTs:Rapid Influenza Diagnosis Test \*\*Confirmed by: PCR, Culture, Immunofluorescent DFA staining)**



**Figure 2: Distribution of Cases by Virus Strain**

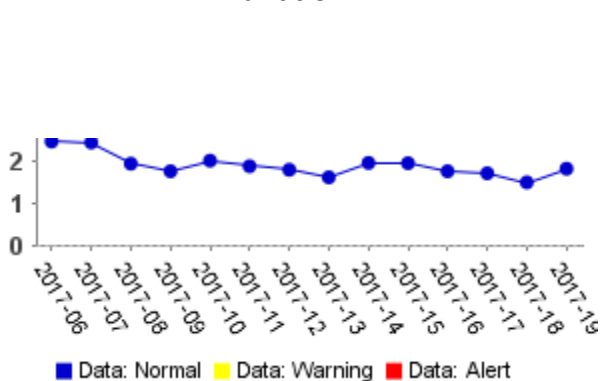


**Table 2: Influenza Report by virus strain (MMWR week 40, 2016 to Week 18, 2017)**

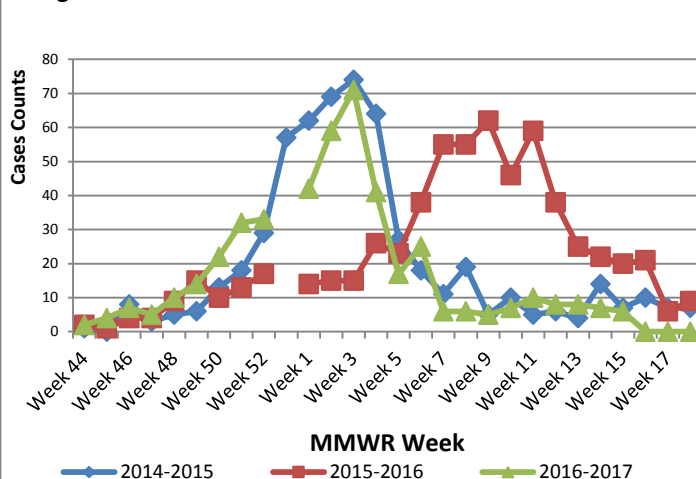
Influenza Type	Deaths	Hospitalizations	Cases
Influenza A (2009 H1N1)	0	3	4
Influenza A (not sub-typed)	2	178	297
Influenza A (RIDT)	5	162	189
Influenza A (seasonal H3)	1	4	20
Influenza B (non-RIDT)	0	16	52
Influenza B (RIDT)	0	47	48
Influenza (unknown type, RIDT)	1	1	1
<b>Total</b>	<b>9</b>	<b>411</b>	<b>611</b>

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**Figure 3: Weekly Influenza-Like Illness variation**



**Figure 4: Seasonal Trends of Confirmed Cases of Influenza**



**Table 3: Influenza Report by Condition Type, Clark County, NV (MMWR Week 40, 2016 to Week 18, 2017)**

Condition	Deaths	*Hosp	Cases
Influenza	9	411	611
Influenza A, Novel Virus	0	0	0
Influenza-associated death in person under 18	0	0	0
<b>Total</b>	<b>9</b>	<b>411</b>	<b>611</b>

\*Hosp.=Hospitalizations

**Figure 5: ILI Activity Level- 2016-17 Influenza Season Week 17 ending April 29, 2017**

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

