



## Southern Nevada Weekly Influenza Surveillance Snapshot MMWR Week of March 26, 2017 to April 1, 2017

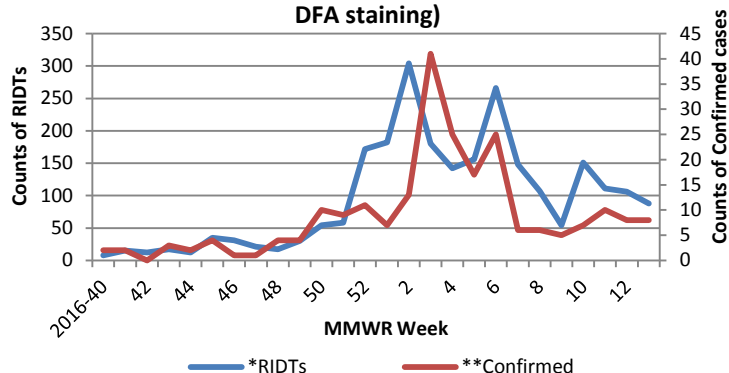
**Summary:** Influenza surveillance in Southern Nevada for the 2016/2017 season recorded an expected increase in cases up to a peak during week 2 and 3 of 2017. A subsequent gradual decrease was then noted through week 5 followed a sharp increase in week 6 then a significant decrease for the past three weeks. The total number of confirmed cases was 549 as of April 1st, 2017. Compared to the previous season, there was a 1% decrease in overall cases. Influenza A is the dominant type circulating locally (81.2%). Influenza B accounted for approximately 13%. 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 13, 2017)**

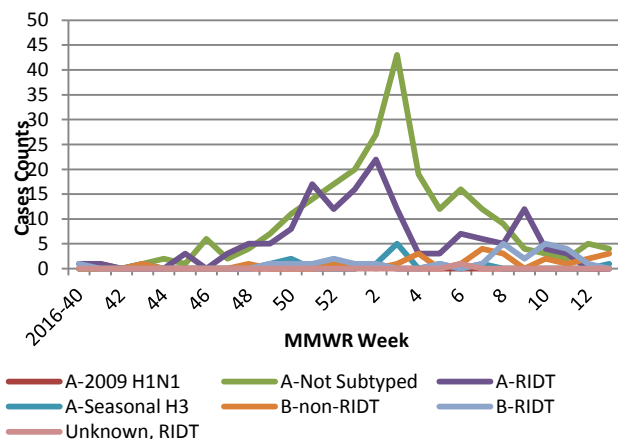
Age Group	Deaths	*Hosp.	Cases
0-4	0	36	91
05-24	0	34	103
25-49	1	60	79
50-64	1	74	90
65+	5	170	186
<b>Total</b>	<b>7</b>	<b>374</b>	<b>549</b>

\*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**

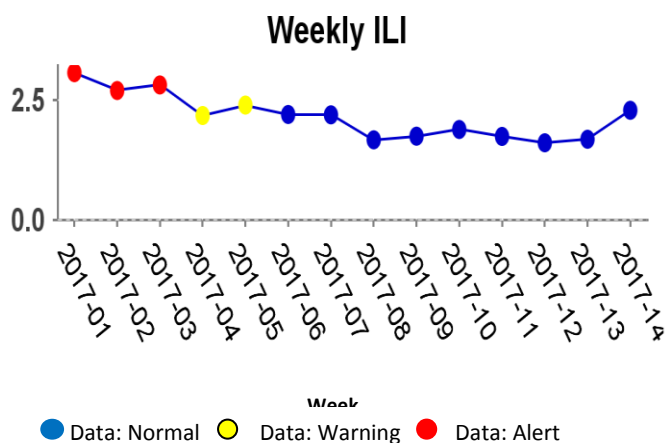


**Table 2: Influenza Report by virus strain (MMWR week 40, 2016 to Week 13, 2017)**

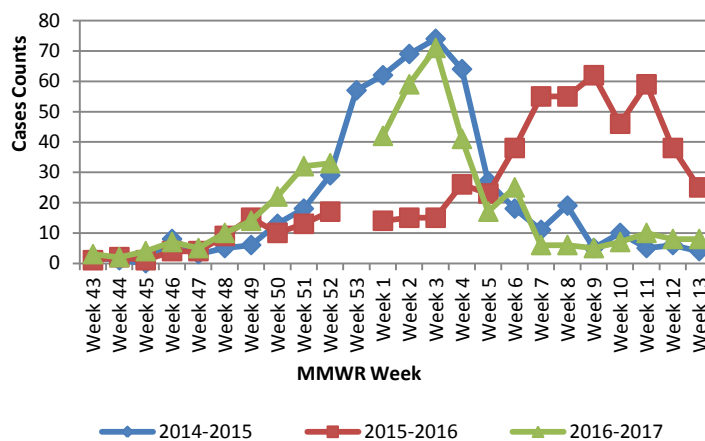
Influenza Type	Deaths	Hospitalizations	Cases
Influenza A (2009 H1N1)	0	3	4
Influenza A (not sub-typed)	2	171	280
Influenza A (RIDT)	3	153	180
Influenza A (seasonal H3)	1	4	20
Influenza B (non-RIDT)	0	12	33
Influenza B (RIDT)	0	30	31
Influenza (unknown type, RIDT)	1	1	1
<b>Total</b>	<b>7</b>	<b>374</b>	<b>549</b>

## Southern Nevada Weekly Influenza Surveillance Snapshot MMWR Week of March 26, 2017 to April 1, 2017

**Figure 3: Percentage of Visits for Influenza-Like Illness Weekly 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 13, 2017)**

Condition	Deaths	*Hosp.	Cases
Influenza	7	374	549
Influenza A, Novel Virus	0	0	0
Influenza-associated death in person under 18	0	0	0
<b>Total</b>	<b>7</b>	<b>374</b>	<b>549</b>

\*Hosp.=Hospitalizations

**Figure 5: ILI Activity Level- 2016-17 Influenza Season Week 9 ending March 25, 2017**

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

