



## Southern Nevada Weekly Influenza Surveillance Snapshot MMWR Week of April 16, 2017 to April 22, 2017

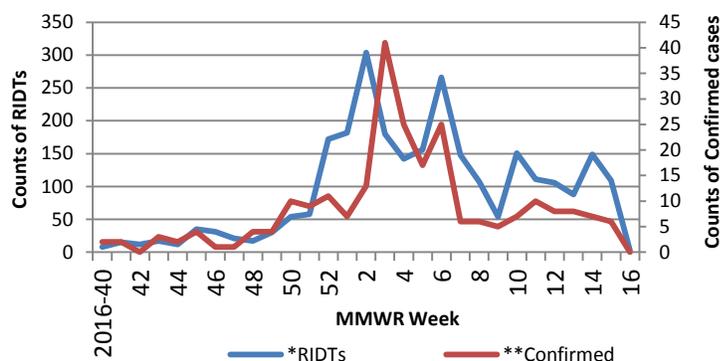
**Summary:** Influenza surveillance in Southern Nevada for the 2016/2017 season recorded an expected increase in cases up to a peak during week 2 and 3 of 2017. A subsequent gradual decrease was then noted through week 5 followed by a sharp increase in week 6, and then a significant decrease afterwards. The total number of confirmed cases was 597 as of April 22, 2017. Compared to the previous season, the number of cases significantly dropped early during the season. Influenza A is the dominant type circulating locally (~85%). Influenza B accounted for approximately 14%. No influenza-associated pediatric death occurred this season. SNHD has continued to update the public on the progression of the season and expect the end of the season sooner than the previous.

**Table 1: Influenza Report by Age Group, Clark County, NV (MMWR Week 40, 2016 to Week 17, 2017)**

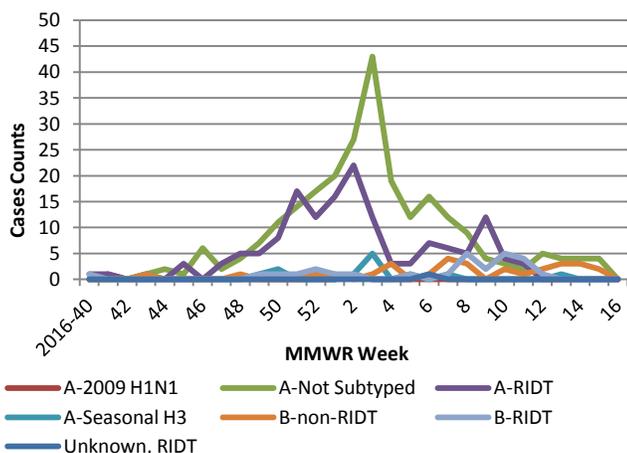
Age Group	Deaths	*Hosp.	Cases
0-4	0	38	99
05-24	0	40	121
25-49	1	62	84
50-64	1	82	98
65+	7	179	195
Total	9	401	597

\*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**

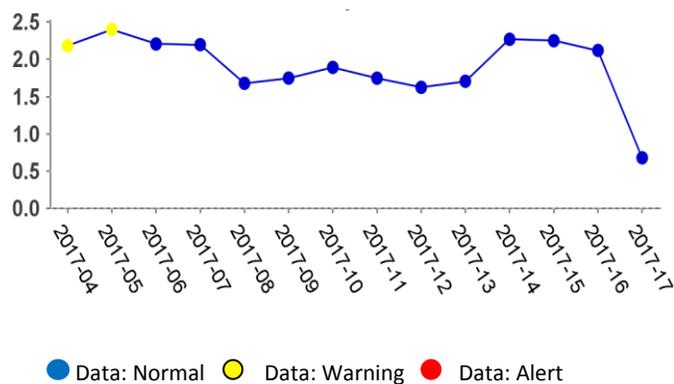


**Table 2: Influenza Report by virus strain (MMWR week 40, 2016 to Week 16, 2017)**

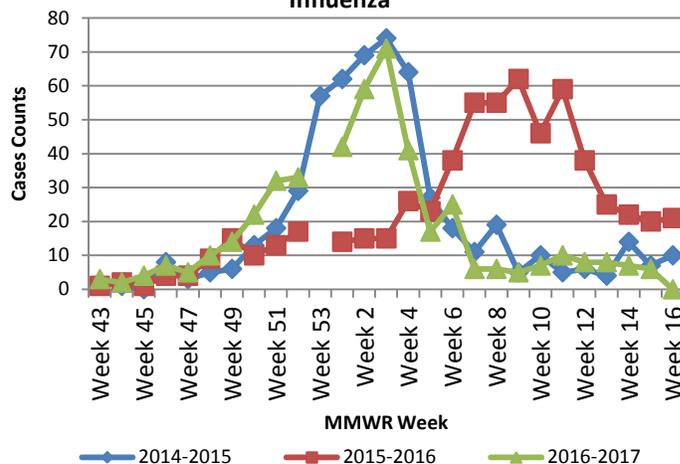
Influenza Type	Deaths	Hospitalizations	Cases
Influenza A (2009 H1N1)	0	3	4
Influenza A (not sub-typed)	2	176	295
Influenza A (RIDT)	5	161	188
Influenza A (seasonal H3)	1	4	20
Influenza B (non-RIDT)	0	14	46
Influenza B (RIDT)	0	42	43
Influenza (unknown type, RIDT)	1	1	1
Total	9	401	597

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**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 16, 2017)**

Condition	Deaths	*Hosp.	Cases
Influenza	9	401	597
Influenza A, Novel Virus	0	0	0
Influenza-associated death in person under 18	0	0	0
<b>Total</b>	<b>9</b>	<b>401</b>	<b>597</b>

\*Hosp.=Hospitalizations

**Figure 5: ILI Activity Level- 2016-17 Influenza Season Week 15 ending April 15, 2017**

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

