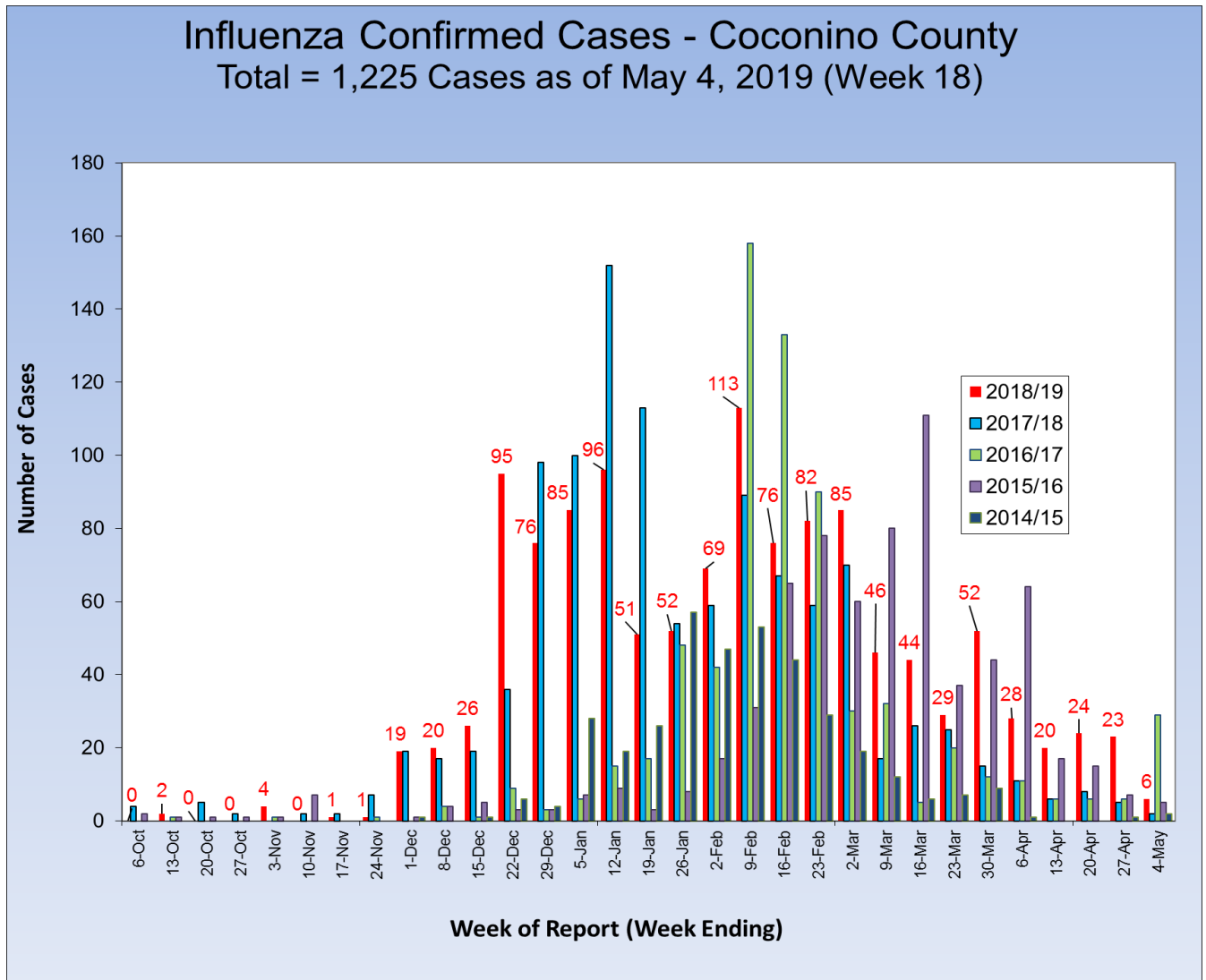




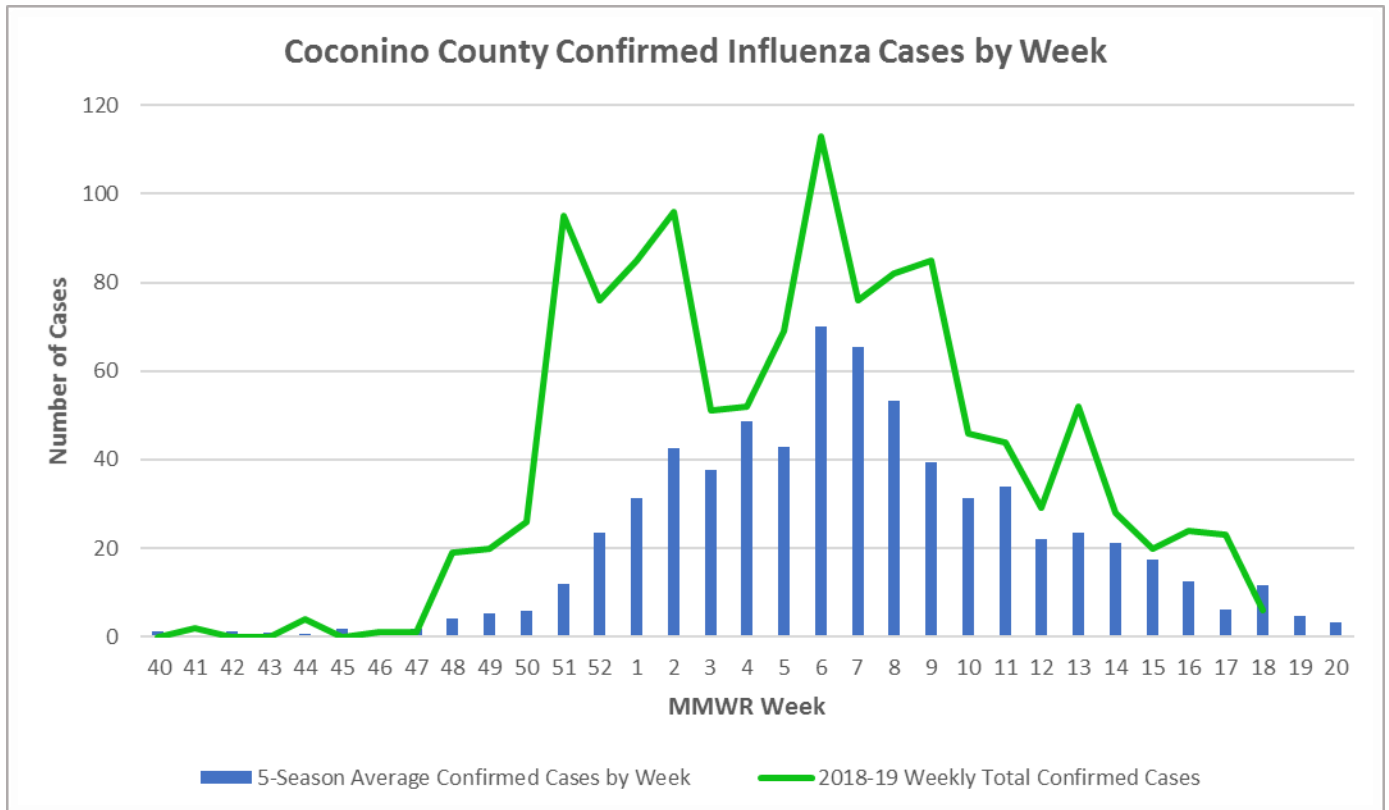
Coconino County Influenza and RSV Update – May 9, 2019

Confirmed Influenza Cases: The official start date of the 2018-2019 influenza season was September 30, 2018 (Week 40). **Coconino County has identified one thousand, two hundred twenty-five (1,225) influenza cases since the start of the 2018-19 season.** Arizona Department of Health Services (ADHS) is currently reporting regional activity*. Please see the new influenza dashboard for more details about current and past seasons in Coconino County. <https://insight.livestories.com/s/v2/coconino-county-influenza-dashboard/7778602d-1658-4aa3-9f24-175d39082dcd>



The graph above depicts the number of confirmed influenza cases reported in Coconino County residents during a given week. The number of cases shown in this report may change from week to week as new diagnosis information becomes available.

Historical Weekly Average of Confirmed Influenza Cases: The five-season average** number of reported laboratory-confirmed flu cases for week 18 was 11.6 cases. During the current flu season, 6 cases were reported in week 18, resulting in an 48% **decrease** in cases over a typical flu season***. For comparison, two (2) cases were reported in week 18 during the previous flu season (2017-2018). The five-season cumulative average of reported laboratory-confirmed flu cases through week 18 was 663.4 cases. The 1,225 total cases reported through week 18 during the current flu season demonstrated an 85% **increase** over a typical flu season.



**The five-season average was calculated using the last five seasons: 2013-14, 2014-15, 2015-16, 2016-17, and 2017-18.

*** Typical flu season refers to the five-season average.

The graph above compares the 5-season average of laboratory-confirmed influenza cases reported in Coconino County residents to the number of confirmed influenza cases reported during a given week. The number of cases shown in this report may change from week to week as new diagnosis information becomes available.

Key Demographics: Demographics of confirmed cases are displayed after the first case is confirmed in Coconino County. To maintain confidentiality, age and case location is withheld until six or more case counts are confirmed within the subgroup of a demographic category.

Table 1. Coconino County Influenza Cases by Age Group (2018-19 Season)

	Number of Cases	Percent of Cases
0 to 4 years old	289	24%
5 to 10 years old	290	24%
11 to 18 years old	166	13%
19 to 35 years old	160	13%
36 to 49 years old	96	8%
50 to 64 years old	114	9%
65 and older	108	9%
Unknown Age	2	0%
Total	1,225	100%

Table 2. Coconino County Influenza Cases by Type (2018-19 Season)

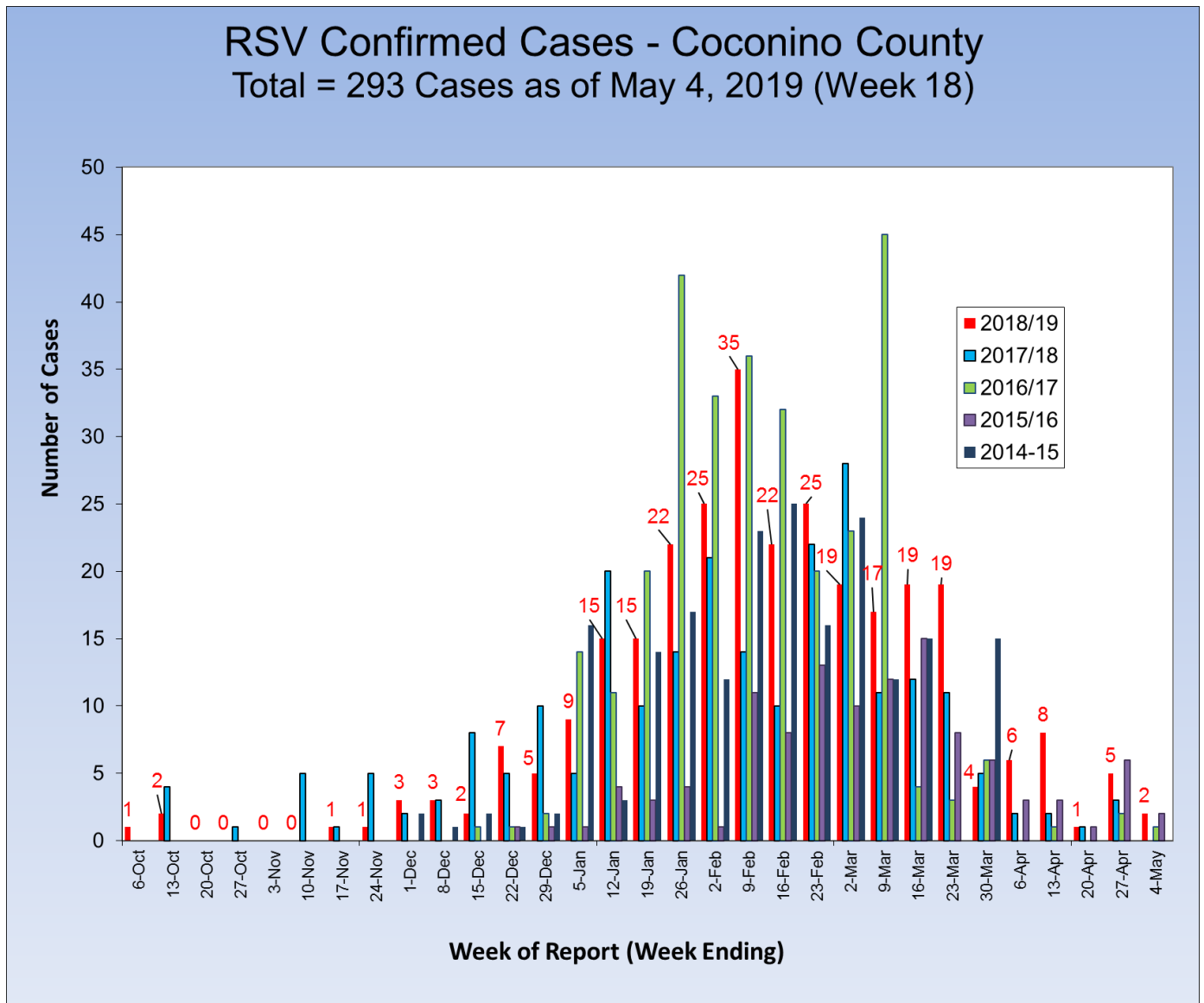
	Number of Cases	Percent of Cases
A (not subtyped)	979	80%
A/H1N1 (swine-origin)	110	9%
A/H3	47	4%
B (not subtyped)	68	6%
B/Victoria	1	0%
Type Unknown	20	1%
Total	1,225	100%

Table 3. Coconino County Influenza Cases by City (2018-19 Season)

	Number of Cases	Percent of Cases
Flagstaff	448	36%
Tuba City	256	21%
Page	187	15%
Tonalea	107	9%
Kaibeto	90	7%
Cameron	43	4%
Williams	22	2%
Other cities/Towns	45	4%
Unknown	27	2%
Total	1,225	100%

Tables 1 through 3 include confirmed cases reported through 5/4/2019, MMWR Week 18.

Confirmed RSV Cases: There have been two hundred ninety-three (293) confirmed cases of respiratory syncytial virus (RSV) in Coconino County so far this season.



The graph above depicts the number of confirmed RSV cases reported in Coconino County residents during a given week. The number of cases shown in this report may change from week to week as new diagnosis information becomes available.

*Activity Levels: Indicator of the geographic spread of influenza activity, reported to CDC by all states each week.

Widespread: Increased influenza-like illness from sentinel providers (ILI) in three or more regions and large numbers of laboratory-confirmed influenza cases in those regions.

Regional: Increased ILI in two regions and elevated numbers of laboratory-confirmed influenza cases in those regions.

Local: Increased ILI in one region and elevated numbers of laboratory-confirmed influenza cases in that region.

Sporadic: No increase in ILI activity and only isolated laboratory-confirmed influenza cases.

No Activity: No increase in ILI activity and no laboratory-confirmed influenza cases.

More information about flu in Arizona is available at:

<http://www.azdhs.gov/phs/oids/epi/flu/index.htm>.