



Summit County Public Health Influenza Surveillance Report



Public Health
Prevent. Promote. Protect.

2016 – 2017 Season summary report

Flu season 2016-2017 had high ILI activity compared to previous years. 10 deaths related to influenza and 222 deaths related to pneumonia were reported in Summit County during flu surveillance period. Week 20 (week beginning: Feb 19th, 2017) of the surveillance period was the peak week for overall positive flu cases (for both influenza A and influenza B). A total of 10,878 lab tests were conducted, out of which, 1,236 tested positive for influenza A and 622 tested positive for influenza B. A total of 365 confirmed influenza associated hospitalization was reported during flu surveillance 2016-2017. Week 24 of the surveillance period had high confirmed cases (N= 33) of influenza-associated hospitalization (week beginning: Mar19th, 2017). Table 1 shows the summary of lab test conducted in Summit County during flu surveillance period.

Table 1: Summit County laboratory test results for influenza surveillance 2016-2017			
	2015-2016	2016-2017	Percent change from previous year
Test Performed	7,525	10,878	↑44.5
Positive Tests (Number and %)	1,090(14.5)	1,857(17.1)	↑17.9 ^b
Influenza A (Number and %)	800(73.4)	1,236(66.5)	↓9.4 ^b
Influenza B (Number and %)	290(26.6)	622(33.5)	↑25.9 ^b

^b This percent change is the difference in percent (i.e., the percent change in prevalence). It is not the percent change in the number of tests)

Graphical Summary:

Figure 1: 2016-2017 Summit County Influenza Surveillance

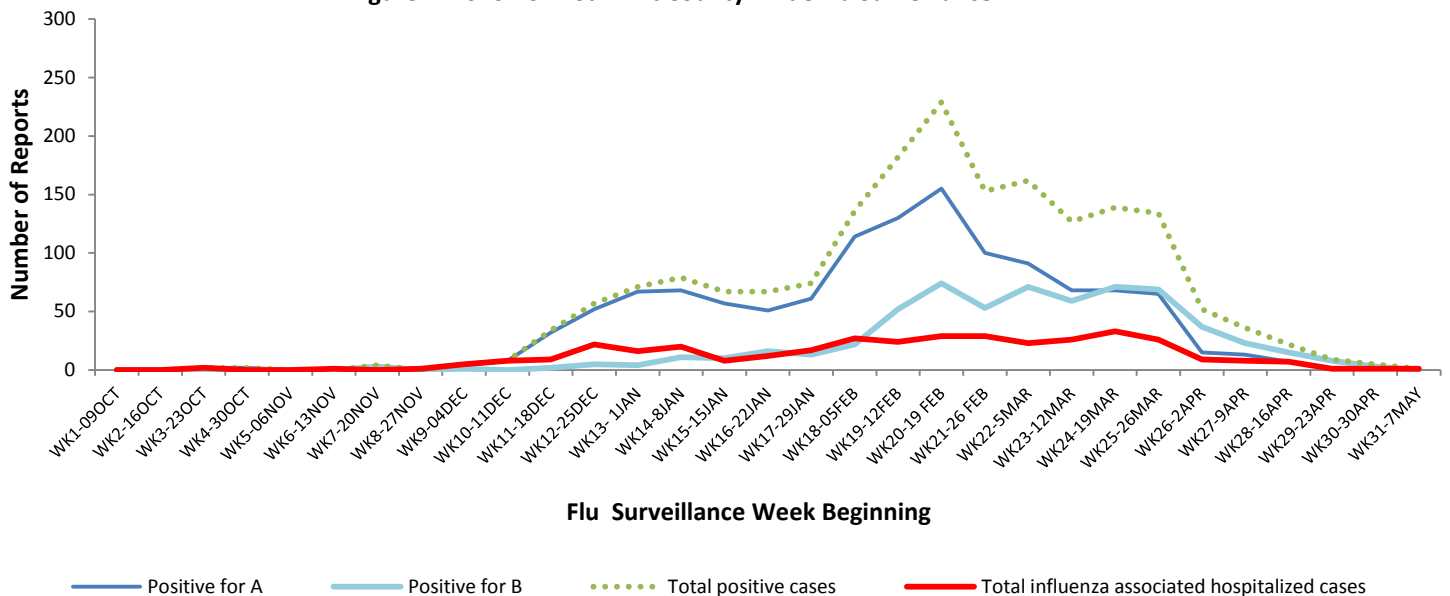


Figure 2: Weekly Summit County death counts associated with pneumonia and influenza (2016 - 2017) influenza season

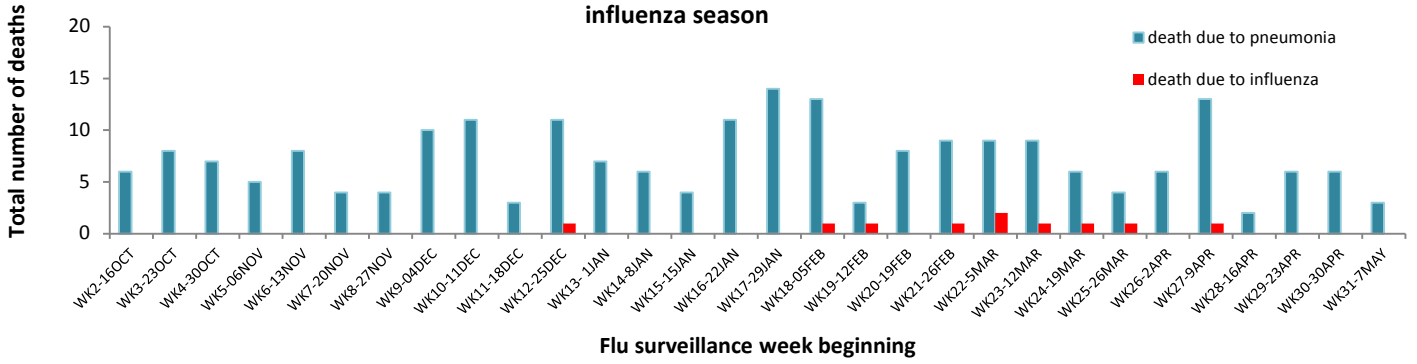


Figure 3. Weekly emergency room (ER) visits related to ILI and flu symptoms in Summit County

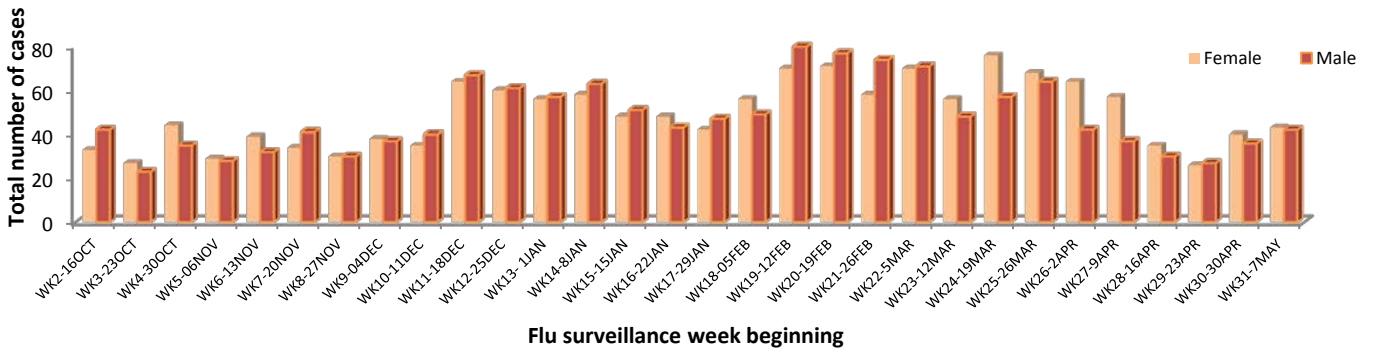


Figure 4. Weekly emergency room (ER) visits related to ILI and flu symptoms stratified by age groups in Summit County

