BC Influenza Surveillance

2017 - 2018 Season Week 3 (January 14 to January 20, 2018) BC Centre for Disease Control An agency of the Provincial Health Services Authority

1: No Influenza Activity

2: Sporadic Influenza Activity

3: Localized Influenza Activity 4: Widespread Influenza Activity

Influenza Activity Level by Health Authority

- Influenza activity levels remain elevated in BC with regional variation across the province
- Influenza positivity at the BCCDC Public Health Laboratory continued to decline, falling to below 40% in week 3 from a peak of more than 50% in week 52
- Influenza B has predominated among influenza detections (>60%) this week
- A(H3N2) remains the dominant subtype among

2 influenza A detections Virus Subtype by Age (2017-18 Season YTD) <5 years old 5-19 years old Virus Subtypes (2017-18 Season YTD) Influenza A Subtype N/A pH1N1 Virus Subtype Influenza B Subtype N/A H3 pH1N1 Influenza A Subtype N/A Influenza B Subtype N/A 10% 20% 30% 40% % of Total Patient Count 20-64 years old ≥65 years old Virus Subtypes (Week 3) **H3** Influenza A Subtype N/A pH1N1 Influenza B Subtype N/A 0% 20% 40% 60% % of Total Patient Count Influenza Positivity by Week Season 2015-16 2016-17 2017-18 Influenza positivity 40% 20% 0%

Note: Week 40 corresponds to the first week of October. Data Source: BCCDC Public Health Laboratory; current to January 24, 2018.

Week number

25

29