SARS-CoV-2 & Influenza Surveillance Updates

- In Wisconsin, SARS-CoV-2 positivity was 11.0% of the 82,068 specimens tested by PCR and reported to WSLH.
- In the US, the 7 day average SARS-CoV-2 percent positivity is 7.2%.
- Wisconsin genomic sequencing data showed Delta [B.1.617.2 and its sublineages] as the predominant lineage of SARS-CoV-2 detected (62%).
- The percentage of Omicron [B.1.1.529 and its sublineages] in Wisconsin is increasing (38%).
- The WSLH sequencing dashboard is available at https://dataportal.slh.wisc.edu/sc2dashboard
- In the US, the influenza positivity rate is 5.6% Week Ending December 18, 2021*

To enhance surveillance activities, the WSLH asks labs to please send:
1. A sampling of specimens from influenza-related hospitalizations (e.g. 1 per week).
2. Specimens that fail to subtype (Ct <35) if subtyping for 2009 pdmH1 and H3 were performed.
3. Please send a maximum of 5 SARS-CoV-2 specimens per week.

Other Surveillance Data-Wisconsin

### Respiratory
- SARS-CoV-2 activity in WI remains high.
- Rhinovirus/Enterovirus activity remains high.
- Seasonal respiratory virus activities are increasing including influenza, seasonal coronaviruses and human metapneumovirus.

### Gastropathogens
- Others detected included: Astrovirus (5.4%), EPEC (3.3%), Adenovirus 40/41 (2.6%), Aeromonas (1.3%), STEC (1.1%), EAEC (0.8%) and EIEC (0.6%)