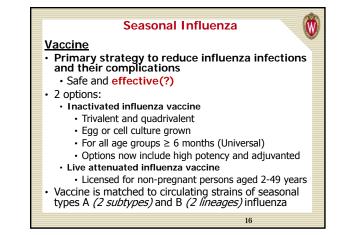
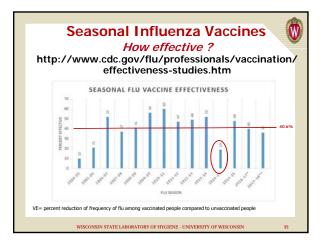


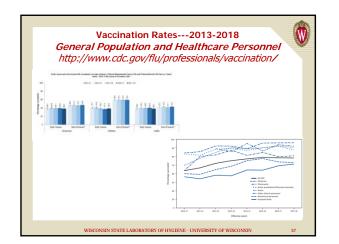
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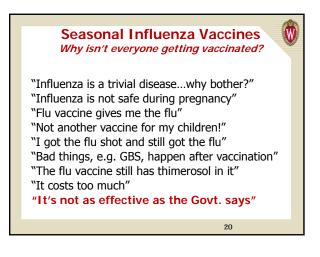
Seasonal Influenza Antivirals • Adamantanes (Amantadine & Rimantadine) • No longer effective against influenza type A, • Neuraminidase inhibitors [Tamiflu & Zanamivir; Peramivir(i.v.)] • Effective against influenza subtypes A and B • Both oral, inhalant and i.v. preparations available • Differ in age ranges, routes of administration, costs, and adverse events • Development of complete resistance by former seasonal H1N1; pdmH1N1 and H3N2 remains susceptible

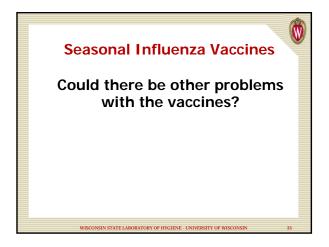


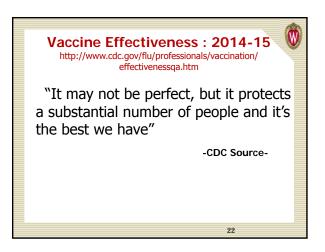


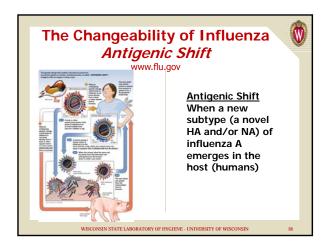


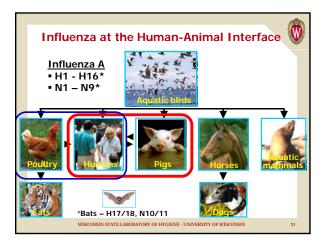


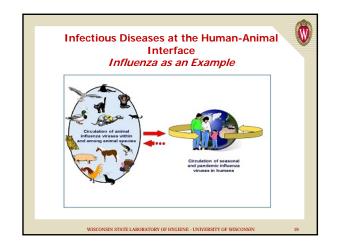


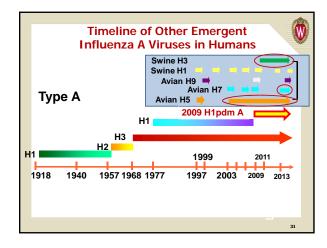


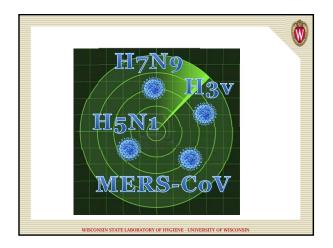


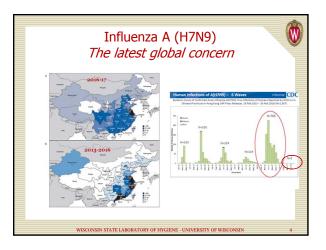


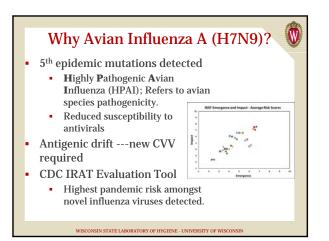


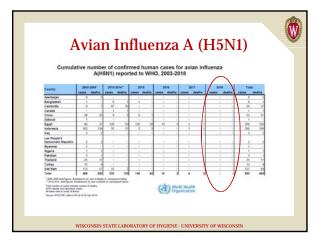






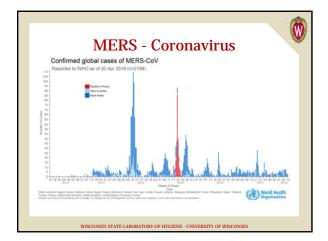




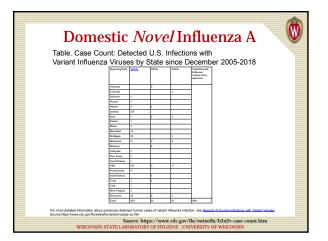


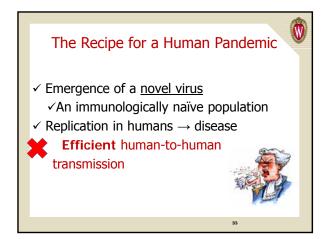
MERS-CoV What we know!

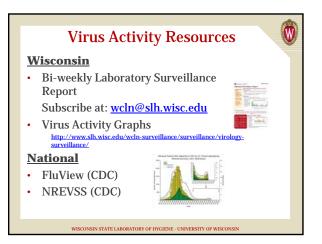
- Virus is *different* than SARS-Coronavirus and seasonal coronavirues.
- First cases in 2012.
- All cases linked to the Arabian Peninsula (80% Saudi Arabia).
- Virus does *not easily* transmit from person-toperson.
- Requires close personal contact.
- Genetically stable.
- Bats and camels play a role in host transmission; dynamics not well understood.
- WSLH performs RT-PCR on PUI's.
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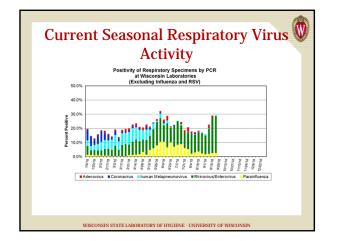




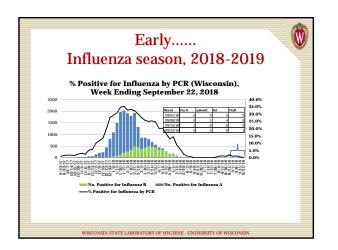


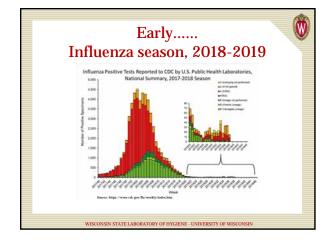


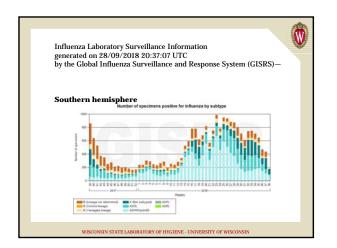


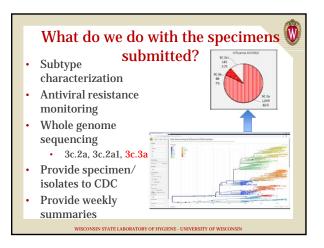


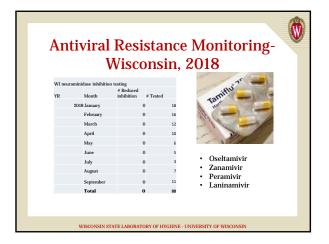










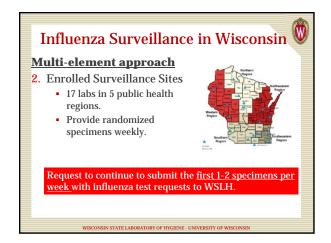


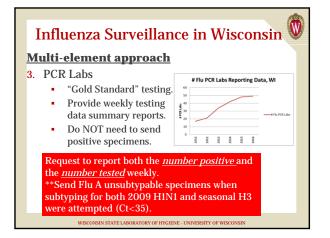


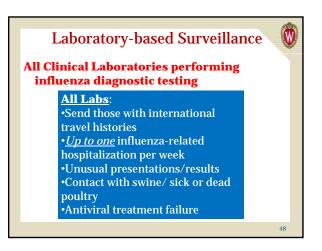
Influenza Surveillance in Wisconsin Multi-element approach Rapid Influenza Diagnostic Testing (RIDT) Sites Now ~50% of influenza testing in WI Confirmatory testing during periods of low prevalence (June to October). Please notify WSLH of suspected performance issues (e.g. False positives/negatives)

WSLH can provide confirmatory testing for the <u>first positive influenza specimen</u> of the season.

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Ŵ Summary of Surveillance Activities 🖤 NRVESS Reporting **RIDT Sites** REVSS was created in the 1980s to m Confirm the first influenza positive specimen influenza and respiratory syncytial virus (RSV). In 2007, data collection for rhinovirus, enterovirus, and human metapneumovirus if needed. began. **Hospitalized Patients** It is no longer necessary for labs to report • Limit to one specimen per week testing data to the National Respiratory and **Enrolled Regional Surveillance Sites** Enteric Virus Surveillance System (NRVESS). Send the first 1 to 2 specimens/week • The WSLH is now reporting this data Student Health electronically to NREVSS for all labs in Limit to one specimen/week Wisconsin that report to WSLH. All labs: Please continue to send all out-of-season positive influenza A specimens (e.g. June-September).



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