

# Welcome

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**PUBLIC HEALTH  
DIVISION**

# **Thank You!!!**



Ministry  
of Health



**PUBLIC HEALTH  
DIVISION**

# Finally, RSV immunization! (active and passive)





# Annual Burden of RSV

## Children <5 Years

- 2.1 million outpatient visits
- 58,000-80,000 hospitalizations
- 100-300 deaths



## Adults 65 Years +

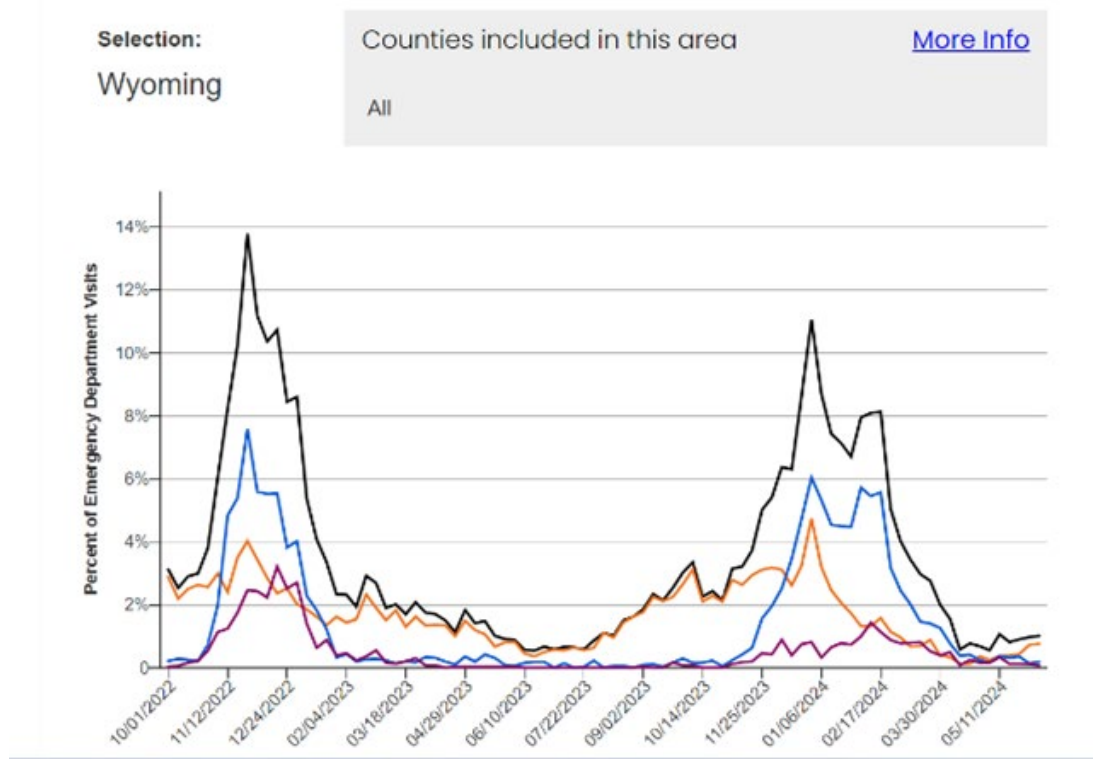
- 60,000-160,000 hospitalizations
- 6,000-10,000 deaths



# RSV Immunization: Challenges

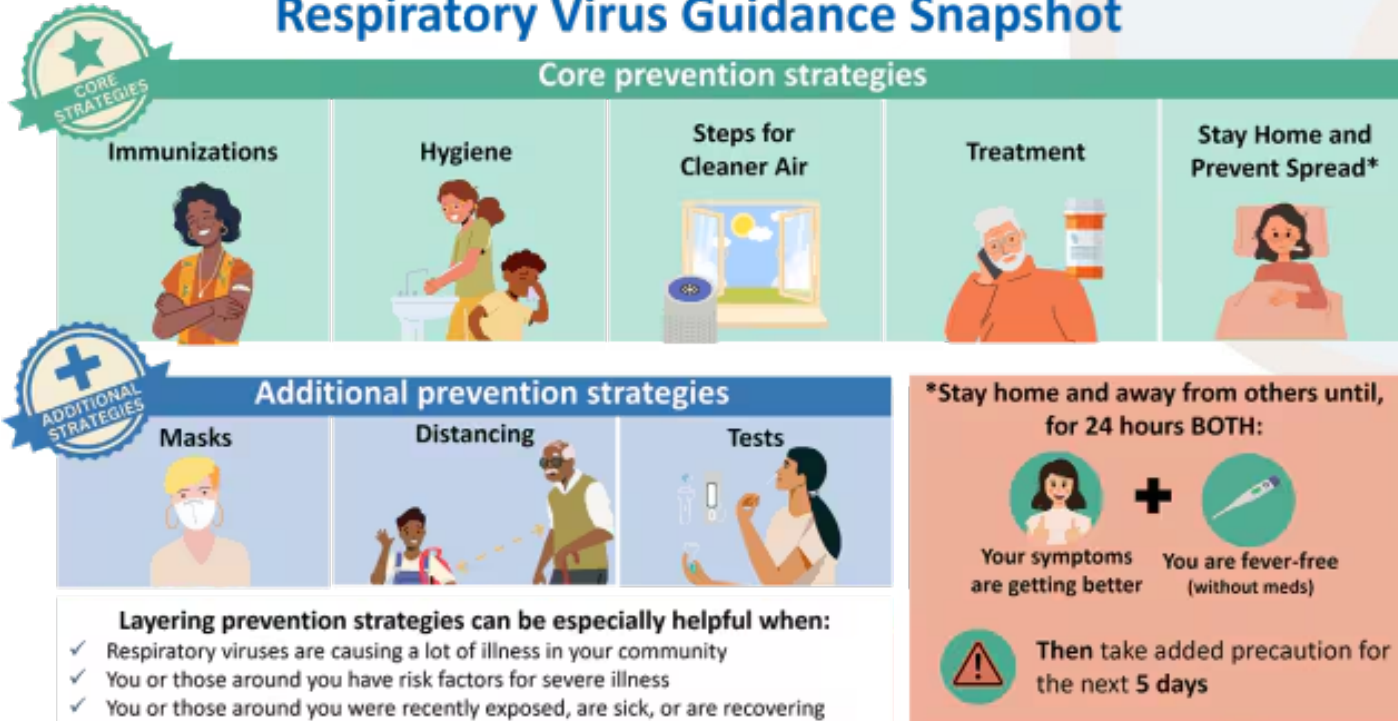
- New immunization products
- Shared clinical decision making recommendation for older adults
- Multiple products to protect infants - which to choose?
- Timing of immunization is complex
- Measuring impacts may be difficult due to COVID-19 impacts on RSV seasonality

# Integrated Respiratory Virus Surveillance Approach

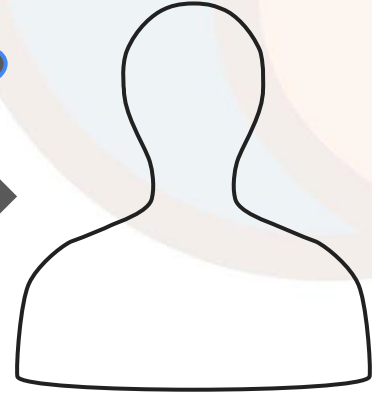


# Integrated Respiratory Virus Surveillance Approach

## Respiratory Virus Guidance Snapshot

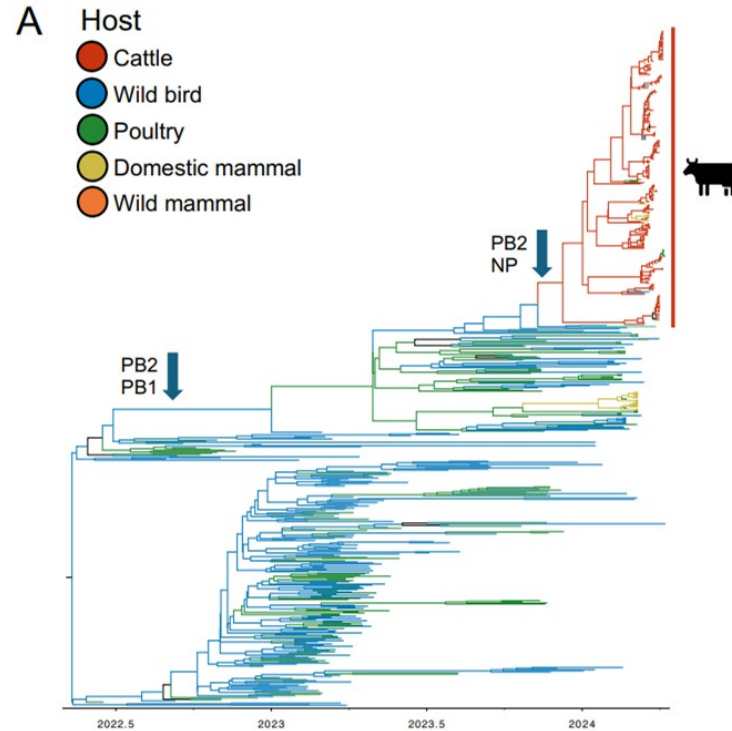


# H5N1 Highly Pathogenic Avian Influenza



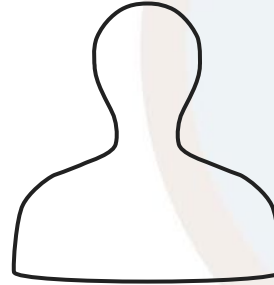


# H5N1 Highly Pathogenic Avian Influenza



Nguyen et al, *BioRxiv*, 2024  
<https://doi.org/10.1101/2024.05.01.591751>

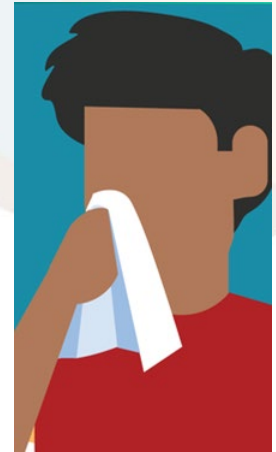
# H5N1 Highly Pathogenic Avian Influenza



April, 2024  
Texas



May, 2024  
Michigan



May, 2024  
Michigan

# H5N1 Highly Pathogenic Avian Influenza

- Risk to the general population is low
- No evidence of human to human transmission
- Dairy workers at occupational risk
  - PPE
  - Symptom monitoring
- Oseltamivir expected to be effective
  - Treatment and post-exposure prophylaxis
- Enhanced Influenza A monitoring over the summer

The day ahead!

# WYOMING IMMUNIZATION CONFERENCE

June 25-27, 2024  
Laramie



IMMUNIZATION  
UNIT



PUBLIC HEALTH  
DIVISION

# The Germ-Laden Bucket

(With apologies when, as, and if needed)

How queer to me now are the scenes of my childhood;  
Just to think of the place where I was born, reared, and grew  
Makes me shudder and break out in cold perspiration;  
It's the greatest of wonders I ever pulled through.

The pig-pen, the stable, the manure pile hard by it  
From which flies ascended in one steady swarm;  
Our food was uncovered, no screens in the windows.  
“Why bother with trifles? Flies don't do any harm.”



# The Germ-Laden Bucket

(With apologies when, as, and if needed)

The ditch with the drainage, the garbage, and chickens,  
The out-house all added their quotas of smell.  
And right in the middle, with germ-laden bucket,  
Was the open-top, ramshackle, shallow, dug well.

The brook and the meadow with grass-bordered puddles  
Gave mosquitos the finest of places to breed.  
Did they bite us? I'll say so, with vicious abandon.  
Sanitation then was our direst need.

# The Germ-Laden Bucket

(With apologies when, as, and if needed)

In spite of the romance, the rocks and the rivers  
Do you wonder we suffered with fever and chills?  
But the old country doctor with germs in his whiskers  
Dosed us up once a week with physic and pills.

In winter, ah then came the joys of the country!  
The windows were nailed shut for once and for all.  
Saturday night meant a bath for the entire family  
In the moss-covered wash-tub that stood by the wall.

# The Germ-Laden Bucket

(With apologies when, as, and if needed)

Did we thrive on this life however poetic?  
Were we healthy in those fond glamorous days?  
There was no disease organic or catching  
That missed us in infancy, manhood, or age.

Take your childhood, its pleasures and moss-covered buckets  
The simple life joys of which we hear tell.  
I prefer middle age, sanitation, and business  
And up-to-date science to keep me well.