

# ID Clinical Update

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## Indian Health Service



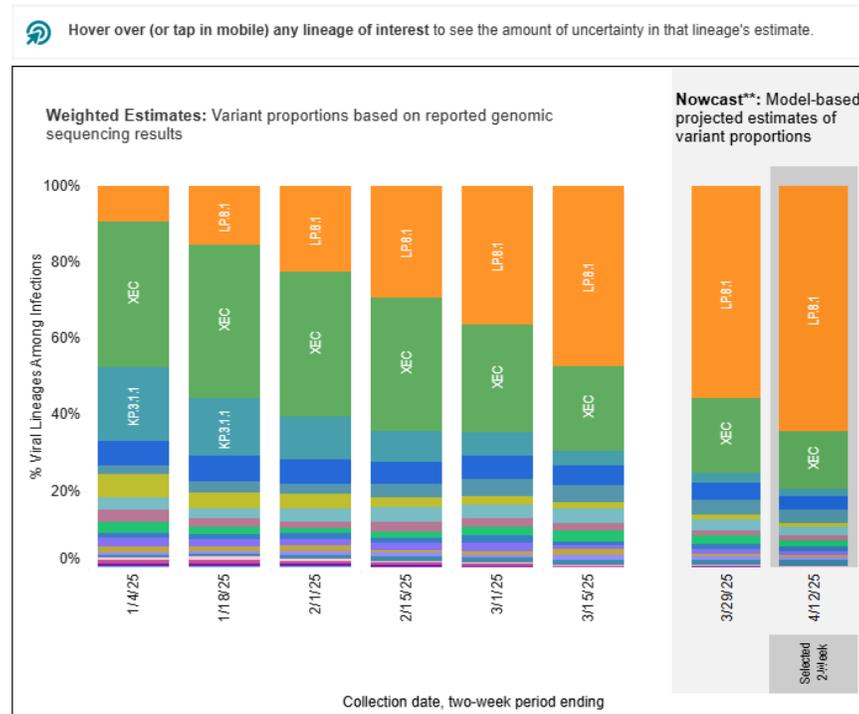
# COVID-19 Update



- **LP.8.1 replaced XEC** as the dominant variant
- No difference in infectivity or severity
- Current vaccines remain cross reactive
- Paxlovid should work

<https://covid.cdc.gov/covid-data-tracker/#variants-genomic-surveillance>

Weighted and Nowcast Estimates in United States for 2-Week Periods in 12/22/2024 – 4/12/2025



# Avian Influenza Update



National Total Cases: 70

Cases	Exposure Source
41	Dairy Herds (Cattle)*
24	Poultry Farms and Culling Operations*
2	Other Animal Exposure†
3	Exposure Source Unknown‡

## Current situation

### National situation summary

**Person-to-person spread**

**NONE** There is no known person-to-person spread at this time.

**Current public health risk**

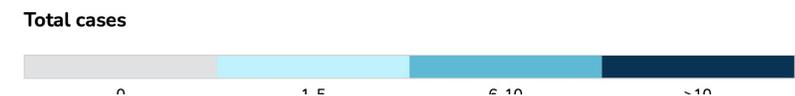
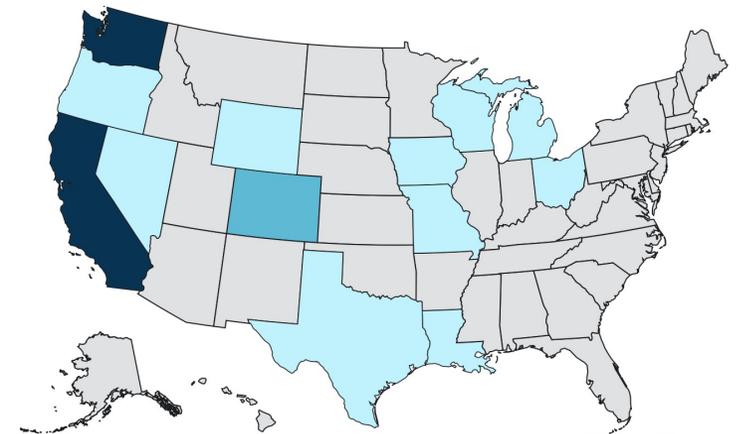
**LOW** The current public health risk is Low.

**Cases in the U.S.**

**70** cases

**Deaths in U.S.**

**1** death



<https://www.cdc.gov/bird-flu/situation-summary/index.html>

# Measles Update



<https://www.cdc.gov/measles/data-research/index.html>

## U.S. Cases in 2025

Total cases: 712

### Age

Under 5 years: **225 (32%)**

5-19 years: **274 (38%)**

20+ years: **198 (28%)**

Age unknown: **15 (2%)**

### Vaccination Status

Unvaccinated or Unknown: **97%**

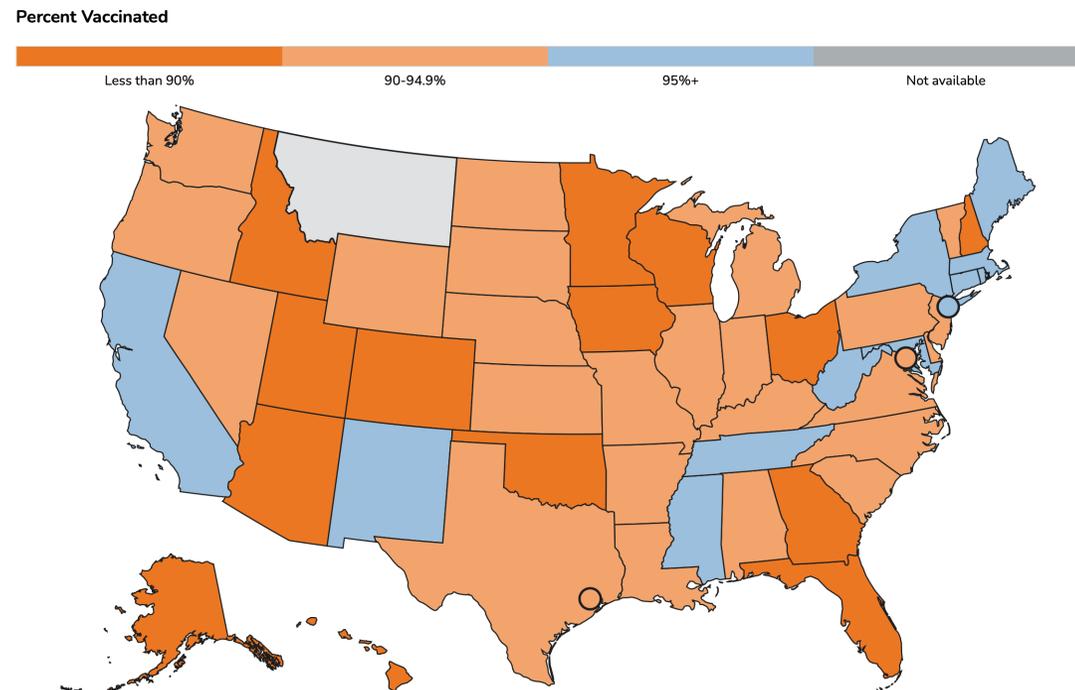
One MMR dose: **1%**

Two MMR doses: **2%**

**11% hospitalization rate**

**3 deaths, 2 confirmed**

## Percent US kindergarteners vaccinated 2023-2024



# Syphilis Update

## IHS Best Practices:

*Keep screening every patient over 18 annually*

### *Screen high risk patients*

- AUD, GI bleed, trauma, pregnancy, mental high crisis, other STIs

*Carefully stage syphilis and record correct diagnosis on problem list*

*Always use PCN when possible*

- Field Penicillin by Public Health Nurses
- Give first dose immediately then look up prior treatment history
- De-label allergy in chart using PEN-Fast score

# Syphilis Clinical Pearl

## Lues Maligna:

- First described at Mass General in 1805
- Occurs in immunocompromised patients (HIV)
- Severe ulcero-nodular syphilis rash with black crusts
- Constitutional symptoms are present
- Takes months for the hyperpigmentation to fade

<https://escholarship.org/uc/item/5mj272nw>



Figure 1 - Multiple skin lesions of lues maligna in an HIV-infected patient: A) papulopustular lesions and necrotic ulcers over the face; B and C) trunk; D and E) extremities.

