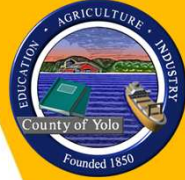


MEASLES UPDATE

March 24, 2025

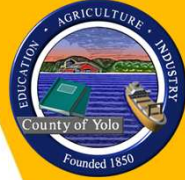
**AIMEE SISSON, MD, MPH
HEALTH OFFICER**





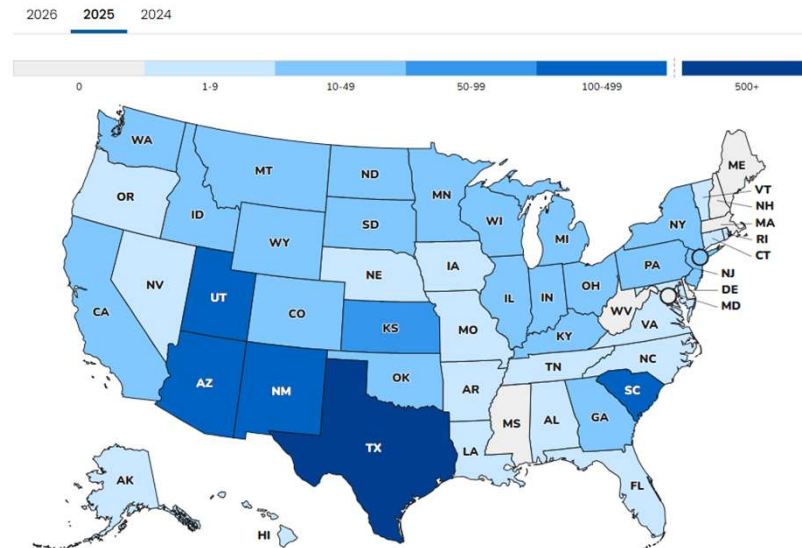
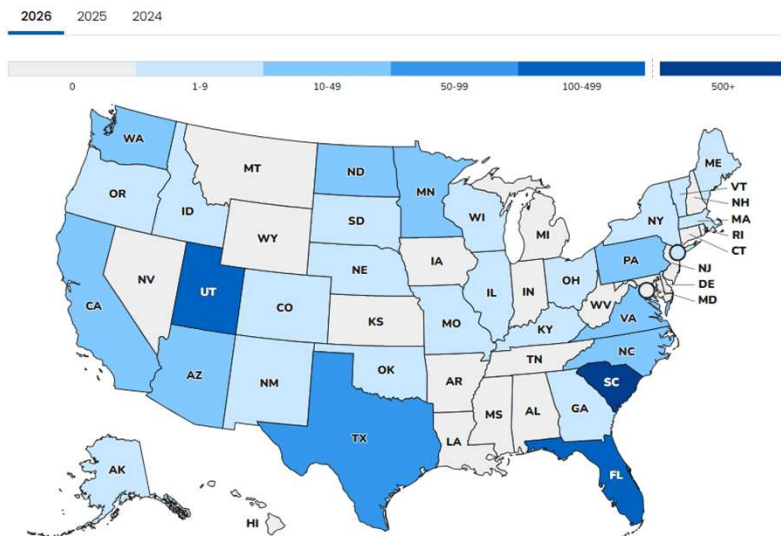
MEASLES VIRUS IS HIGHLY CONTAGIOUS.

- Measles is highly infectious, potentially severe viral infection
- Spreads through air and contaminated surfaces
- Symptoms include fever, cough, conjunctivitis (pink eye), and runny nose, followed by rash that spreads downward from face to toes
- People can spread measles up to 4d before and 4d after rash starts
- Complications: expect 1/20 pneumonia, 1/1000 encephalitis, and 1-3/1000 death
 - More likely in young children, adults, pregnant persons, and immunocompromised



U.S. EXPERIENCING MOST MEASLES IN 30 YEARS.

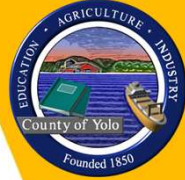
- 1,362 U.S. cases reported in 2026 to date (2,284 in 2025)
 - 92% of cases unvaccinated or unknown
 - 0 deaths in 2026; 3 in 2025
- Large outbreaks in South Carolina (664 cases), Utah (231), and Florida (116)





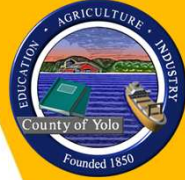
MEASLES IS A GROWING THREAT IN CALIFORNIA.

- 29 cases of measles reported in 9 California counties in 2026
 - 9 in Shasta
 - 3 in Riverside
 - 7 in Sacramento and Placer
- 25 cases in California in 2025, 15 in 2024
- Yolo County had 1 case of measles in 2025 (domestic travel), 2 in 2024 (international travel)



MEASLES OUTBREAK IN GREATER SACRAMENTO

- 7 confirmed cases of measles in Sacramento (3) and Placer (4) counties since January
 - Index case traveled to South Carolina, then spread to extended family
 - Cases are part of same community
 - Exposures in healthcare & educational settings
- Yolo assigned ~20 close contacts to evaluate and monitor through 21d post-exposure
 - Last known exposure 3/5



MEASLES VIRUS DETECTED IN WASTEWATER

Measles, 3 Sites



Source: WastewaterSCAN, as of 3/19

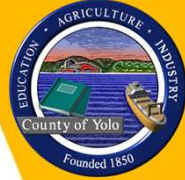


MEASLES IS PREVENTABLE.

- Measles is preventable through vaccination.
 - 2 doses 97% effective
- MMR vaccine typically administered at 12 mo & 4-6 y
- Early dose of MMR can be given from 6-11 mo if travel is planned; for those 1-4 y, 2nd dose can be given 28 d after 1st
- Adults traveling should have evidence of immunity* or 2 doses of MMR

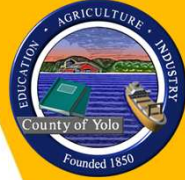


* Evidence of immunity includes written documentation of vaccination, positive measles serology (titers), lab confirmation of prior infection, or birth before 1957



YOLO'S MEASLES VACCINATION RATE IS HIGH.

- California requires the following vaccinations for school attendance: DTaP/Tdap, Polio, Hepatitis B, MMR, Varicella
- Homeschooled children exempt from school vaccine mandates
- Schools required to report vaccination rates to CDPH
- Community (herd) immunity threshold for measles is 95%
- School MMR coverage for Yolo kindergarteners is 98.9% with range 0-100% for '25-'26 in 43 schools with in-person kindergarten
 - 2 schools with <95% coverage
- Coverage for all required vaccines in Yolo kindergarteners is 97.4% with 7 schools <95%
 - 6/7 in West Sacramento (public, charter, private)



MEASLES OUTREACH ONGOING COUNTYWIDE WITH EMPHASIS ON WEST SACRAMENTO.

Countywide

- Educate healthcare providers
- Educate community partners
- Encourage vaccination

West Sacramento

- Identify and work with trusted partners
- Emphasize awareness of measles and role of public health
- Vaccine-forward messages may not be successful
- Translate materials into appropriate languages