

# Yosemite hantavirus warning affects travelers outside U.S.

By Laura Bly, USA Today

U.S. officials have warned travelers from 39 other countries, most in the European Union, that those who stayed in certain Yosemite National Park tent cabins earlier this summer may have been exposed to a rare but deadly mouse-borne hantavirus, a park service epidemiologist told *Reuters* Tuesday.

Of the 10,000 people thought to be at risk of contracting hantavirus pulmonary syndrome from their stays in Yosemite between June and August, some 2,500 live outside the United States, Dr. David Wong told *Reuters* in an interview.

Wong said U.S. Department of Health and Human Services officials notified 39 countries over the weekend, most of them in the European Union, that their residents may have been exposed to the deadly virus.

The lung disease has so far killed two men and sickened four other people, all U.S. citizens, prompting the U.S. Centers for Disease Control and Prevention to issue a health alert.

Officials are concerned that more Yosemite visitors could develop the lung disease in the next month or so. Most of the victims identified so far were believed to have been infected while staying in one of 91 "Signature" tent-style cabins in the park's popular Curry Village camping area.

There is no cure for the disease, but early detection through blood tests greatly increases survival rates.

"I want people to know about this so they take it seriously," Wong said. "We're doing our due diligence to share the

information.”

Last week, park officials shut down the insulated “Signature” tent cabins after finding deer mice, which carry the disease and can burrow through holes the size of pencil erasers, infesting the double walls.

Officials are continuing to investigate additional possible cases of the disease, which has killed 64 Californians and about 590 Americans since it was identified in 1993, Wong said.

Early symptoms include headache, fever, muscle aches, shortness of breath and coughing. The virus may incubate for up to six weeks after exposure and can lead to severe breathing difficulties and death.

Experts say hantavirus, which kills 36 percent of those it infects, has never been known to be transmitted between humans.

Four of those known to be infected at Yosemite this summer slept in the insulated tent cabins. One slept elsewhere in Curry Village, located in a valley beneath the iconic Half Dome rock formation, and the sixth case remains under investigation.

One man from Northern California and another from Pennsylvania died, while three victims have recovered and a fourth remains hospitalized, the state Department of Public Health said.

Nearly 4 million people visit Yosemite each year, attracted to the park’s dramatic scenery and hiking trails. Roughly 70 percent of those visitors congregate in Yosemite Valley, where Curry Village is located.

Hantavirus is carried in viral particles inhaled from rodent feces and urine. People also can be infected by eating contaminated food, touching contaminated surfaces or being

bitten by infected rodents.

Hantavirus previously infected two Yosemite visitors, one in 2000 and another in 2010, but at higher elevations. U.S. officials have warned travelers from 39 other countries, most in the European Union, that those who stayed in certain Yosemite National Park tent cabins earlier this summer may have been exposed to a rare but deadly mouse-borne hantavirus, a park service epidemiologist told Reuters Tuesday.

Of the 10,000 people the federal Centers for Disease Control estimate could be at risk of contracting hantavirus pulmonary syndrome from their stays in Yosemite between June 10 and August 24, some 2,500 live outside the USA, said Dr. David Wong.

Britain's Health Protection Agency said in a statement Monday that officials were "providing health advice and information ... about the ongoing situation in the U.S." to about 100 people believed to have traveled to the national park between June 10 and Aug. 24.

Yosemite officials have sent emails and letters to 3,100 people who reserved any of the 91 signature tent cabins during that timeframe, urging them or anyone in their party to seek immediate medical attention if they start to show the initial flu-like symptoms of the disease, *Associated Press* reports.

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