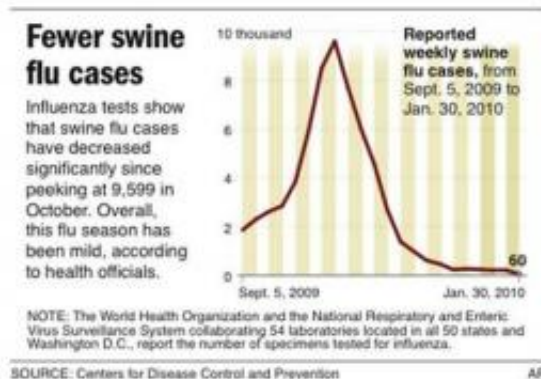


# Is the US swine flu epidemic over?

February 5 2010, By MIKE STOBBE , AP Medical Writer



Graphic shows reported weekly swine flu cases since Sept. 5,

(AP) -- If the U.S. swine flu epidemic isn't over, it certainly looks as if it's on its last legs. While federal health officials are not ready to declare the threat has passed and the outbreak has run its course, they did report Friday that for the fourth week in a row, no states had widespread flu activity. U.S. cases have been declining since late October.

One U.S. expert said the epidemic has "one foot in the grave," and there are many reasons to believe there won't be another wave later in the year.

For one thing, the virus has shown no signs of mutating. The vaccine against it is effective. And roughly half the people in the U.S. probably have some immunity because they were infected with it or got vaccinated.

The World Health Organization is witnessing an international decline as well, and is discussing criteria for declaring the pandemic over. Britain this week shut down its swine flu hot line, which was set up to diagnose cases and give out Tamiflu.

"Clearly, the last four weeks have been one of the quietest January flu seasons I can remember in my career," said Michael Osterholm, a prominent expert on global flu outbreaks with the University of Minnesota.

Since its emergence last April, swine flu has caused an estimated 15,200 deaths worldwide, mostly in the U.S. - a much lower number than initially feared. The positive outcome is primarily because the virus didn't mutate into a deadlier form.

Even so, experts have praised the actions of the U.S. and Mexican governments and scientists who quickly developed an effective vaccine.

Criticizing the government for its intense response would be like chastising officials for building dikes in New Orleans to withstand a Category 5 hurricane and then seeing only a Category 3 come ashore, Osterholm said.

"The government did not overreact," said University of Michigan flu expert Dr. Arnold Monto, echoing Osterholm's point.

Whether it will stay quiet for the rest of the winter is hard to say, but some experts are beginning to lean that way.

"If it's not dead, it's weakening fast. It's got one foot in the grave," said Dr. William Schaffner, a flu authority at Vanderbilt University.

A poll released Friday by the Harvard School of Public Health found

that 44 percent of Americans believe the outbreak is over.

The Centers for Disease Control and Prevention released numbers Friday showing most states continued to have only occasional flu activity last week. However, only three states had absolutely no reports, and a CDC official cautioned that swine flu is still around and is likely to keep infecting people for weeks or months to come.

"We don't seem to be seeing the disappearance of this virus," said the official, Dr. Anne Schuchat.

Whether there will be another wave of swine flu - as was seen in the spring last year and again in the early fall - is a much harder question, she added.

Her comments reflect a raging debate among scientists. One expert told The Associated Press he thinks a spike in H1N1 cases is likely by May, though perhaps a smaller one than last fall. Another said he did not expect another spike. A third predicted another wave, but not until next fall at the earliest. A fourth refused to even guess.

An estimated 70 million Americans have been vaccinated against swine flu through a government campaign that started in October. Counting those who have already been infected and others who were vaccinated, perhaps 40 percent of the public has some immunity to the virus.

However, that means at least half of Americans don't have immunity, and there are many places that have not been hit hard by swine flu yet, some experts noted.

Also, this is a global disease that can move quickly through air travel, and much of the rest of the world is not vaccinated, Osterholm pointed out.

Experts give health officials generally good marks for their handling of the pandemic, even with months of delays in the production of swine flu vaccine.

About 60 percent of the 1,400 adults in the Harvard poll said U.S. public health officials did a good or excellent job in dealing with the pandemic. More than half said the government devoted the right amount of attention to the outbreak.

The telephone survey was done in late January and had a margin of error of plus or minus 3.2 percentage points.

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