

Experts warn over scale of China virus as US airports start screening

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The outbreak centred around a seafood market in the central city of Wuhan

The true scale of the outbreak of a mysterious SARS-like virus in China is likely far bigger than officially reported, scientists have warned, as countries ramp up measures to prevent the disease from spreading.

Fears that the virus will spread are growing ahead of the Lunar New Year holiday, when hundreds of millions of Chinese move around the country and many others host or visit extended [family members](#) living overseas.

Authorities in China say two people have died and at least 45 have been infected, with the outbreak centred around a seafood market in the central city of Wuhan, a city of 11 million inhabitants that serves as a major transport hub.

But a paper published Friday by scientists with the MRC Centre for Global Infectious Disease Analysis at Imperial College in London said the number of cases in the city was likely closer to 1,700.

The researchers said their estimate was largely

based on the fact that cases had been reported overseas — two in Thailand and one in Japan.

The virus—a new strain of coronavirus that humans can contract—has caused alarm because of its connection to SARS (Severe Acute Respiratory Syndrome), which killed nearly 650 people across mainland China and Hong Kong in 2002-2003.

China has not announced any travel restrictions, but authorities in Hong Kong have already stepped up detection measures, including rigorous temperature checkpoints for inbound travellers from the Chinese mainland.

The US said from Friday it would begin screening flights arriving from Wuhan at San Francisco airport and New York's JFK—which both receive direct flights—as well as Los Angeles, where many flights connect.

And Thailand said it was already screening passengers arriving in Bangkok, Chiang Mai and Phuket and would soon introduce similar controls in the beach resort of Krabi.

Two deaths

No human-to-[human transmission](#) has been confirmed so far, but Wuhan's health commission has said the possibility "cannot be excluded".

A World Health Organization doctor said it would not be surprising if there was "some limited human-to-human transmission, especially among families who have close contact with one another".

Scientists with the MRC Centre for Global Infectious Disease Analysis—which advises bodies including the World Health Organization—said they estimated a "total of 1,723" people in Wuhan would have been infected as of January 12.

"For Wuhan to have exported three cases to other

countries would imply there would have to be many more cases than have been reported," Professor Neil Ferguson, one of the authors of the report, told the BBC.

"I am substantially more concerned than I was a week ago," he said, while adding that it was "too early to be alarmist".

"People should be considering the possibility of substantial human-to-human transmission more seriously than they have so far," he continued, saying it was "unlikely" that animal exposure was the sole source of infection.

Local authorities in Wuhan said a 69-year-old man died on Wednesday, becoming the second fatal case, with the disease causing [pulmonary tuberculosis](#) and damage to multiple organ functions.

After the death was reported, online discussion spread in China over the severity of the Wuhan coronavirus—and how much information the government may be hiding from the public.

Several complained about censorship of online posts, while others made comparisons to 2003, when Beijing drew criticism from the WHO for underreporting the number of SARS cases.

"It's so strange," wrote a web user on the social media platform Weibo, citing the overseas cases in Japan and Thailand. "They all have Wuhan pneumonia cases but (in China) we don't have any infections outside of Wuhan—is that scientific?"

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