

Thailand situation update on 10 February 2020

1. International Situation

On **31 December 2019**, there were 27 patients confirmed with pneumonia caused by the novel coronavirus 2019 (2019-nCoV) in the People's Republic of China. On **10 February 2020**, there were a total of 40,649 confirmed cases of 2019-nCoV, 910 associated deaths and 6,494 cases in critical condition around the world. The People's Republic of China reported 40,197 cases across 31 cities, 6,484 cases in critical condition, and 908 deaths within the country.

Situation in China	Total Number of Confirmed Cases	Total Number of Cases in Critical Condition	Total Number of Deaths
10 February 2020	40,197	6,484	908
9 February 2020	37,283	6,188	813
8 February 2020	34,546	6,101	722

The total of number of cases in critical condition were 10 across four countries e.g. Singapore (7), Thailand (1), France (1) and Italy (1).

452 confirmed cases were reported in 25 countries outside of the People's Republic of China and in two Special Administrative Regions of the People's Republic of China and the details are shown in Table 1. On 10 February 2020 at 6 p.m., 88 additional cases were reported e.g. Japan 72 cases (on the cruise ship), Singapore (3), Taiwan (1), South Korea (3), Malaysia (2), Vietnam (1), The United Kingdom (5) and Spain (1).

Table 1 : International Cases Confirmed for Infection by Novel Coronavirus 2019 (2019-nCoV) on 10 February 2020

No.	Country/Administrative Region	Confirmed cases
1	Canada	7
2	The United States	12
3	France	11
4	Germany	14
5	Finland	1

No.	Country/Administrative Region	Confirmed cases
6	Italy	3
7	The United Kingdom	8
8	Sweden	1
9	Spain	2
10	Belgium	1

No.	Country/Administrative Region	Confirmed cases	No.	Country/Administrative Region	Confirmed cases
11	The Hong Kong Special Administrative Region of the People's Republic of China	36	19	Australia	15
12	The Macao Special Administrative Region of the People's Republic of China	10	20	South Korea	27
13	The Republic of China (Taiwan)	18	21	Vietnam	14
14	Japan	161*	22	Sri Lanka	1
15	Singapore	43	23	Cambodia	1
16	Nepal	1	24	Philippines	3
17	Malaysia	18	25	India	3
18	The United Arab Emirates	7	26	Russia	2

Reference: <https://www.worldometers.info/coronavirus/>

*136 cases were quarantined on cruise ship

From screening passengers on the Japanese cruise ship, Diamond Princess, 10 people tested positive for 2019-nCoV. 3,700 passengers and crew members are temporarily quarantined off the port of Yokohama for 14 days beginning on 3 February 2020. A Hong Kong tourist was infected and previously aboard the cruise ship. On 7 February 2020, there were 41 additional confirmed cases and on 8 February 2020, there were 3 additional confirmed cases. The total number of pneumonia cases by 2019-nCoV infection on the cruise ship was 64. On 10 February 2020, there were 72 additional confirmed cases by 2019-nCoV infection. The current total number of pneumonia cases by 2019-nCoV infection on the ship is 136. The World Dream cruise ship passengers and crew were quarantined in the Hong Kong Special Administrative Region of the People's Republic of China and there were no reports of people infected by 2019-nCoV.

2. International Precaution

On 30 January 2020, the World Health Organization (WHO) conducted an Emergency Committee meeting and officially announced 2019-nCoV to be a Public Health Emergency of International Concern (PHEIC) after the dramatic spread in many countries, for protection and to stop further outbound spread. The virus has become a burden on many public health systems. Meanwhile, WHO did not declare any restrictions on trade or travel to China.

WHO has reported an updated estimate of the incubation period of the virus from 14 days to 10 days (2-10 days). The basic reproduction number (R_0) was estimated at 1.5-3.5 with a fatality rate of infected cases less than 3% (27 January 2020). The World Health Organization appealed to donors for 675 million USD to support the novel coronavirus plan globally for the next three months.

WHO has planned screening systems and a laboratory surge capacity in 13 countries in Africa.

There have been temporary flight cancellations until early February to stop visits big cities such as Shanghai and Beijing. The airlines that canceled their flights include British Airways, KLM, Lufthansa, Finnair, EL AL, Scandinavian Airlines, Swiss Airlines, Austrian Airlines, American Airlines, Air Canada, Eva Air, Air Seoul, Indonesia's Lion Air, and Air India.

Some countries announced the closure of areas bordering China, including Russia who announced the closure of the China-Russia border checkpoint. Hong Kong announced temporary suspension of boat trips and around 80% of high-speed trains between Hong Kong and China.

The Philippines and Czech Republic have restrained visa approval for Chinese tourists. Malaysia followed on 9 February 2020 with restrictions for people from some areas including Zhījiāng, Jiāngzhu, Wuhan, and Hubei.

Many countries evacuated citizens from Wuhan to their home countries and have begun investigating their symptoms for 14 days including the United Kingdom, the United States of America, Australia, France, Japan, South Korea, Morocco, Germany, Kazakhstan, Canada, Russia, and the Netherlands, as Indonesia and Myanmar are planning to evacuate their citizens from Wuhan City. During the quarantine, Japan found nine suspected cases who have symptoms that met the criteria for patients under investigation. Thailand found one confirmed case out of 138 Thai citizens who came back from Wuhan. Currently, the patient is under treatment at a hospital in Chonburi.

The United Kingdom has implemented the 14 day quarantine in travellers who have traveled from Singapore, Thailand, China, Japan, Hong Kong, South Korea, and Macao after the 3rd case was found in the UK in a patient with travel history to Singapore.

Australia has designated two places (Christmas Island and a mining camp in the Outback) to be the quarantine areas for Australians evacuated from China.

The Philippines have postponed the ASEAN Para Games (APG) from 20-28 March 2020 to May or June 2020.

The U.S. has scaled up the situation to be an Immediate Health Risk and the Emergency Response System has been set up to develop disease management and diagnosis guidelines to detect the virus. The Republic of China (Taiwan) announced that 2019-nCoV is a Communicable Disease Type 5 along with Yellow Fever, SARS, Influenza, MERS, and Marburg Virus Disease. Moreover, they have notified prevention precautions to the public. On 22 January 2020, they scaled up the warning level to Level 3 and implemented screening

protocol at airports and harbors. Hong Kong announced the 2019-nCoV to be the highest level of public health emergency.

China's prevention measures

1) Closing cities to reduce the spread of novel coronavirus and stopping public transportation services such as buses, underground trains, ships, trains and airplanes in 15 cities including Wuhan, Huanggang, Chibi, Èzhōu, Zhījiāng, Xianjiang, Xiantao, Enshi, Huangni, Xianning, Guangzhou, Lixuan, Tianjin, and Xiaogan.

2) Beijing cancelled Chinese New Year festivities.

3) China's government allowed employees to work from home to reduce going out to public areas.

4) The establishment of a 1,000-bed hospital to support 2019-nCoV patients, built in 10 days.

5) On January 27th, Tibet scaled up the emergency situation to Level 2 and closed some sightseeing places for disease prevention and control in China.

6) The Bill & Melinda Gates Foundation donated 5 million dollars to China for diagnosis, treatment, and vaccine development.

7) The Chinese government mobilized approximately 6,000 health authority personnel for outbreak control and treating patients in Hubei Province.

8) On 5 February, 2020, the Chinese government halted travel to three more cities including Hangzhou, Taizhou and Zhejiang after the report of 829 confirmed 2019-nCoV cases in Zhejiang. Zhejiang has the highest number of cases outside the central province of Hubei and is under intense preventive measures against the novel coronavirus.

9) Chinese researchers have begun trials for Remdesivir as 2019-nCoV treatment in 761 cases at Wuhan hospitals by using a randomized double blind and placebo-controlled trial method.

10) The Wuhan government has temporarily converted the Hongsan Gym, International Convention Center, and Wuhan Cultural Center into a 3,400-bed hospital overnight to support the dramatic increase of patients.

11) Temporary screening stations in many areas for vehicles departing from Hubei.

3. The Disease Situation in Thailand

3.1 Surveillance protocol among passengers at airports

From 3-23 January 2020, the Department of Disease Control has been implementing its surveillance protocol by fever screening of travelers from all direct flights from Wuhan, China to the Suvarnabhumi, Don Mueang, Chiang Mai, Phuket and Krabi airports. On 24 January, the screening protocol began to be implemented at Chiang Rai Airport. The screening protocol has expanded to cover all arrival and departure flights at Suvarnabhumi airport since January 29, 2020. There were a total of 792 flights and 58,362 passengers and air crew members travelling from affected areas that were screened for the disease. For the screening protocol outside the airports, there were 2,601 people from 186 ships arriving from affected areas that were screened at five sea ports (Bangkok, Laem Chabang, Chiang Saen, Phuket and Samui) since January 1, 2020.

The screening implementation has been also provided among arrival travelers from all countries including of 43,986 people from 199 ships at five sea ports. Since February 1, 2020, there were 304,736 people that were screened at 34 ground ports. A number of 19,046 people

renewing their passports at the Government Complex Commemorating His Majesty at Chaengwattana Road that were also screened since January 30, 2020.

3.2 Situation of patients with suspected symptoms of novel coronavirus 2019 in Thailand.

On 10 February, 2020 at 19.00, 13 additional people met the criteria of patients under investigation (PUI), raising the total number of PUI to 720* people as shown in Table 2.

Table 2: Results of screening implementation to detect patients with suspected symptoms of novel coronavirus 2019

Situation	Total number of PUI
Total number of people who met the criteria of patients under investigation (PUI)	702
<ul style="list-style-type: none"> Detected from the airport screening 	51
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (Private hospitals: 342 cases, Government hospitals: 268 cases, Bamrasnaradura Infectious Disease Institute: 31 cases) 	641
<ul style="list-style-type: none"> Notified by hotel residences, the Erawan Medical Center, local universities and tour groups 	10
Total number of people who met the criteria of patients under investigation (PUI)	702
<ul style="list-style-type: none"> Under treatment (Private hospitals: 155 cases, Government hospitals: 185 cases, Bamrasnaradura Infectious Disease Institute: 11 cases) 	351
<ul style="list-style-type: none"> Recovered from their illnesses and returned to their homes 	336
<ul style="list-style-type: none"> Investigation in isolation room 	15
Confirmed cases	32
Recovered and discharged from hospitals	10
Severe cases	1
Deaths	0

*pending for information from private hospitals

4. Thailand Precautions

On 22 January 2020, The Department of Disease Control (DDC), Ministry of Public Health (MOPH), Thailand scaled up the Emergency Operations Center to Level 3 to closely monitor the ongoing situation both at the national and international levels. The MOPH has also strengthened the surveillance system by screening travelers from Wuhan for viral pneumonia by strictly thermal scanning passengers for detecting fever and respiratory symptoms at Suvarnabhumi, Don Mueang, Chiang Mai, Krabi, and Phuket international airports. Moreover, surveillance and preparedness to respond to emerging infectious diseases have been enhanced in the government and private hospitals, and areas of tourist attractions. There is ongoing cooperation between the Ministry of Transport, the Ministry of Foreign Affairs, the Ministry of Tourism and Sport, the Royal Thai Police, and the Ministry of Higher Education, Science, Research and Innovation, the Office of the Prime Minister, the Ministry of Interior, and security agencies. The MOPH also coordinates with WHO and ASEAN member states to exchange information and measures. Thailand has shared experiences in surveillance to neighboring countries to demonstrate how Thailand can efficiently implement prevention and control of emerging communicable diseases with the highest standards.

On 23 January 2020, The Travel Alert for the coronavirus outbreak was raised to Level 3. The MOPH recommends that travelers avoid all non-essential travel to outbreak areas. Furthermore, the English situation reports and related information sheets were disseminated through the DDC Viral Pneumonia 2019 website (<https://ddc.moph.go.th/viralpneumonia/intro.php>).

On 3 February, 2020 a meeting of the National Committee for Emerging Infectious Disease Preparedness, Prevention and Response was convened by the Thai Prime Minister. He has instructed all relevant agencies and all provinces to take all comprehensive measures to prevent 2019-nCoV in every part of the country. All provinces in Thailand were requested to regularly report the results of their work.

5. Risk Communication to the Public

- The novel coronavirus (2019-nCoV) can be prevented using the principles for respiratory disease prevention, i.e. washing hands, wearing masks and avoiding contact with patients who have a respiratory disease.
- People should avoid travel to China, and it is recommended to avoid visiting crowded places and making contact with patients who have respiratory symptoms. If this is unavoidable, people should wear a mask.
- If anyone has symptoms including coughing, sneezing, panting or runny nose within 14 days after departing from Wuhan, China, please seek medical care at the hospital immediately and inform the doctor regarding the history of recent travel to China.
- It is recommended to avoid visiting markets selling carcasses or live animals. If touching or handling live animals, people should wear gloves.
- Regularly wash hands with water and soap or use alcohol gel. It is also recommended to avoid using your hands to touch your eyes, nose, and mouth.
- Do not use or share personal stuff with others (i.e. handkerchief, glasses, and towels) since pathogens causing respiratory disease can be transmitted to other people through secretions.
- It is recommended to avoid eating uncooked food.