

Thailand situation update on 2 February 2020

1. International Situation

31 January 2020 - The People's Republic of China reported that the total number of pneumonia cases under investigation for infection by novel coronavirus 2019 (2019-nCoV) was 27. **On 2 February 2020**, there were a total 14,553 confirmed cases around the world with 14,380 cases coming from all regions in the People's Republic of China. 2,110 cases are in critical condition and 304 have died.

Situation in China	Total Number of Confirmed Cases	Total Number of Cases in Critical Condition	Total Number of Deaths
2 February 2020	14,380	2,110	304
1 February 2020	11,791	1,795	259
31 January 2020	9,692	1,527	213

On 2 February 2020, there were 154 confirmed cases outside of the People's Republic of China, in 25 countries and the details are shown in the attached table (not including Thailand). On 2 February 2020 at 6 p.m. 19 additional cases were reported e.g. Hong Kong (1), Macao (1), Japan (2), South Korea (3), Singapore (2), Vietnam (1), The United States (2), Australia (2), German (1), The United Arab Emirates (1), Philippines (1), India (1) and Spain (1).

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

No.	Country	Confirmed cases
1	Spain	1
2	Hong Kong	14
3	Macao	8
4	Taiwan	10
5	Japan	15

No.	Country	Confirmed cases
6	South Korea	15
7	Singapore	18
8	Vietnam	7
9	Nepal	1
10	Malaysia	8

No.	Country	Confirmed cases
11	The United States	8
12	Australia	12
13	France	6
14	Canada	4
15	Germany	8
16	Sri Lanka	1
17	Cambodia	1
18	The United Arab Emirates	5

No.	Country	Confirmed cases
19	Finland	1
20	Philippines	2
21	India	2
22	Italy	2
23	The United Kingdom	2
24	Russia	2
25	Sweden	1

Reference: Centre for Health Protection, Department of Health Hong Kong

2. International Precaution

On 30 January 2020, the World Health Organization (WHO) conducted an Emergency Committee meeting and officially announced the Novel Coronavirus 2019 (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.

There have been temporary flight cancellations until the 1st of February to stop visiting 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.

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 9 suspected cases who have symptoms that met the criteria for patients under investigation.

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, Tainjin, 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 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 Gate foundation donated 5 million dollars to China for diagnosis, treatment, and vaccine development.
- 7) The China government mobilized approximately 6,000 health authority personnel for outbreak control and treating patients in Hubei Province.

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. Among 137 flights, 21,522 passengers and aircrew members were screened for respiratory symptoms and febrile illness.

From 24 January to 2 February 2020 the screening protocol was implemented at Chiang Rai, Chiang Mai, Phuket, Krabi, Don Mueang, Suvarnabhumi airports among 12,163 passengers and air crew members from 229 flights travelling from China.

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

On 2 February at 18.00, 103 people met the criteria of patients under investigation (PUI), raising the total number of PUI to 485 people as shown in Table 2.

Table 2 Results of screening implementation to detect patient with suspected symptoms of new coronavirus 2019

Situation	Total number of PUI
Total number of people who met the criteria of patients under investigation (PUI)	485
<ul style="list-style-type: none"> Detected from the airport screening 	43
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (Private hospital: 249 cases, Government hospital: 161 cases, Bamrasnaradura Infectious Disease Institute: 22 cases) 	432
<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)	485
<ul style="list-style-type: none"> Recovered from their illnesses and returned to their homes 	97
<ul style="list-style-type: none"> Under treatment (Government hospitals: 170 cases, Bamrasnaradura Infectious Disease Institute: 20 cases, Private hospitals: 151 cases) 	341
<ul style="list-style-type: none"> Investigation in isolation room 	47
Confirmed cases	19
Recovered and discharged from hospitals	8
Deaths	0
Severe cases	0

Laboratory results identified the novel coronavirus 2019 in 19 cases. Eight of them were discharged from hospitals (Table 2). The etiologic agents for the other cases (61) were identified in the final diagnoses as Influenza A virus (11 cases), Influenza B virus (13 cases), Influenza C virus (1 case), Adenovirus (1 case), *Streptococcus pneumoniae* (1 case), Bronchitis (4 cases), Nasopharyngitis (2 cases), Pharyngitis (8 cases), Common cold (9 cases), RSV infection (3 cases), Tonsillitis (3 cases), Rhinovirus (1 case), Hyperthyroid Fever (1 case), Pneumonia (2 cases) and Acute febrile illness (1 case). There are 405 cases in which laboratory results are pending.

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>).

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.



Novel Coronavirus 2019 Pneumonia Situation

by Emergency Operation Center, Department of Disease Control

- 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