

Thailand situation update on 15 June 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	177,058,656	311,073	
Deaths	3,828,472		2.16%

2. The Disease Situation in Thailand

Situation	Total Number*
Total number of new cases	3,000
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	5
<ul style="list-style-type: none"> Cases found in prisons 	640
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	1,814
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	541
Total number of confirmed cases	202,264
<ul style="list-style-type: none"> Total recovered and discharged from hospitals <ul style="list-style-type: none"> Newly recovered and discharged from hospitals 	162,718 (80.45%) 4,774
<ul style="list-style-type: none"> Undergoing treatment 	38,061 (18.82%)
<ul style="list-style-type: none"> Deaths <ul style="list-style-type: none"> New deaths 	1,485 (0.73%) 19

The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

Screening, Testing, and PUI	Total Number
Total number of people screened	
<ul style="list-style-type: none"> Ports of entry (Airports, ground ports, and seaports) 	8,625,495
<ul style="list-style-type: none"> People renewing their passports at the Immigration Bureau, Chaeng Watthana 	589,045
Total number of laboratory tests	2,561,523
<ul style="list-style-type: none"> People who met the PUI criteria 	2,133,136
<ul style="list-style-type: none"> Returnees in quarantine facilities/centers 	82,653
<ul style="list-style-type: none"> People who did not meet the PUI criteria 	345,734
Total number of people who met the criteria of PUI	2,133,136
<ul style="list-style-type: none"> Detected from ports of entry 	5,837
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (511,466 cases in private hospitals, and 1,615,745 cases in public hospitals) 	2,127,211
<ul style="list-style-type: none"> Notified by hotel residences, the Erawan Medical Center, local universities, tour groups, and U-Tapao 	88

Remark: *PUI (Patients Under Investigation)

Characteristics of Deaths (1,485 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (1,391 deaths)
Case Fatality Rate (CFR) in each age group			
<ul style="list-style-type: none"> 20-39 years old 	0.20%	0.02%	0.10%
<ul style="list-style-type: none"> 40-59 years old 	2.10%	0.02%	0.88%
<ul style="list-style-type: none"> 60+ years old 	6.50%	2.60%	7.37%
Percentage of COVID-19 deaths that consist of elderly patients, patients with underlying diseases including obesity, or pregnant patients			
	64%	100%	91%
Average number of days between the onset of symptoms and the date of receiving treatment (Minimum-Maximum)			
	3.5 (0 - 19)	1.2 (0 - 8)	3.3 (0 - 19)

3. Thailand Implementations

- The National Communicable Disease Committee has approved to:
 - 1) Assign hospitals, which operate under the Provincial Communicable Diseases Committee or Bangkok's Communicable Disease Committee, to provide COVID-19 vaccines to people under the authority of the Ministry of Public Health.
 - 2) Lengthen the dose interval for the AstraZeneca vaccine to 10 - 12 weeks. This can be changed if the outbreak situation changes or if the circulating variants change and the Department of Disease Control shall consult the Academic Committee to consider changes to the interval between doses.
 - 3) Acknowledge the progress of revisions to the draft of the Communicable Diseases Act on fines for not wearing a mask. Violators are liable to a fine not exceeding 1,000 baht for the first violation, a fine more than 1,000 Baht but not exceeding 10,000 Baht for the second violation and a fine more than 10,000 Baht but not exceeding 20,000 Baht for the third violation. In addition, the meeting acknowledged the implementation of the "Phuket Sandbox" beginning July 1, 2021. This is focused on tourists from low-to-medium-risk countries for people who have confirmatory vaccination certificates that show they have been vaccinated for at least 14 days with vaccines certified by the World Health Organization. Children under 6 years old traveling with their parents must be supervised at all times. Travelers must present test results showing that they are free from COVID-19, taken within 72 hours prior to their arrival in Thailand. Upon their arrival, they are required to get tested for COVID-19 for 3 times (on the first day of arrival, the 7th and the 14th days) and they must self-isolate for 14 days then they will be able to travel to other provinces in Thailand.
- Songkhla province has announced a ban on entering risk areas from Chalatat Beach around Kaoseng curve to the roundabout of the Reading Man sculpture, from Song Talay Park to the ferry pier, from Samila Beach behind BP Samila Beach Hotel to the kite courtyard, from Laem Son On to behind the aquarium, the Sra Bua activity area, Seri Park, and Songkhla City Park. Songkhla prohibits groups of people gathering to participate in activities and drinking alcoholic beverages in those areas from 8 p.m. to 5 a.m. and has ordered the temporary closure of Koh Noo (Rat island) and Koh Maew (Cat island). This is to prevent crowds of tourists.
- The King Chulalongkorn Memorial Hospital of the Thai Red Cross Society and the Chula Vaccine Research Center are conducting a trial for the ChulaCov19 vaccine. The ChulaCov19 vaccine was developed by Thai researchers in cooperation with the doctors and scientists from the University of Pennsylvania. Earlier trials with monkeys and mice showed that the vaccine prevented SARS-CoV-2 from reaching blood circulation and produced high levels of immunity. The first stage of the human trial is covering 72 volunteers divided into two groups. One group consists of 36 volunteers aged 18-55 years and the other group has 36 volunteers aged 65-75 years. The two groups have been divided into subgroups and are being vaccinated with 10 µg, 25 µg or 50 µg to determine the dose of the vaccine that is most effective, safe and that

highly stimulates immunity. The next step will be to enter the 2nd stage of human clinical trials with 150-300 people and it is expected to begin around August 2021.

4. Risk Assessment of COVID-19 Situation

The global COVID-19 situation shows that there are more than 177 million cases with the number of daily cases likely to decline to below 500,000 per day. The number of daily deaths has also decreased to below 10,000 people per day. Thailand's situation showed that 173,401 COVID-19 patients have been confirmed. The daily number of infections in the community has stabilized at around two thousand per day. Today, there were 2,355 new locally transmitted cases confirmed across 53 provinces and 640 new cases from prisons. The trend of outbreaks in the North and the Northeast have decreased but new clusters have been found in the central and southern regions, especially in Bangkok and provinces around Bangkok that still show an increasing trend of cases.. Most of the infected people in this period were found in factory outbreaks as well as a construction camp with migrant workers. The number of deaths from the outbreak of the current wave is 1,391 and there is a mortality rate of 0.8%. Currently, regarding the vaccination situation in Thailand, the number of vaccinations administered has exceeded 6.5 million doses. The intensity of surveillance should increase for patients with symptoms that are compatible with the case definition, along with active screening in risk areas and risk populations, and the disease must be controlled in large epidemic clusters with bubble-and-seal measures. In addition, there must be communication with the people to follow the prevention and control measures, such as wearing masks, washing hands, working from home as much as possible, reducing unnecessary travel especially in risky areas that have a lot of people, and receiving the vaccine when it is made available to your target group.