

Thailand situation update on 17 June 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	177,828,280	406,454	
Deaths	3,849,345		2.16%

2. The Disease Situation in Thailand

Situation	Total Number*
Total number of new cases	3,129
<ul style="list-style-type: none"> ● Cases found in quarantine facilities/centers (Imported) 	23
<ul style="list-style-type: none"> ● Cases found in prisons 	457
<ul style="list-style-type: none"> ● Cases infected in Thailand (Local transmission) 	1,991
<ul style="list-style-type: none"> ● Cases found from active case finding (Local transmission) 	658
Total number of confirmed cases	207,724
<ul style="list-style-type: none"> ● Total recovered and discharged from hospitals <ul style="list-style-type: none"> - Newly recovered and discharged from hospitals 	172,316 (82.95%) 4,651
<ul style="list-style-type: none"> ● Undergoing treatment 	33,853 (16.30%)
<ul style="list-style-type: none"> ● Deaths <ul style="list-style-type: none"> - New deaths 	1,555 (0.75%) 30

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) 	8,638,457
<ul style="list-style-type: none"> People renewing their passports at the Immigration Bureau, Chaeng Watthana 	591,943
Total number of laboratory tests	2,578,832
<ul style="list-style-type: none"> People who met the PUI criteria 	2,150,393
<ul style="list-style-type: none"> Returnees in quarantine facilities/centers 	82,705
<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	2,150,393
<ul style="list-style-type: none"> Detected from ports of entry 	5,877
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (517,813 cases in private hospitals, and 1,626,615 cases in public hospitals) 	2,144,428
<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 (1,555 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (1,461 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%	0.89%
<ul style="list-style-type: none"> 60+ years old 	6.50%	2.60%	7.30%
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 Department of Medical Sciences is studying the efficacy of the SARS-CoV-2 vaccine against SARS-CoV-2 variants. Blood samples from 200 volunteers were collected for culturing the virus to determine immune levels. The volunteers that received 2 doses of the Sinovac vaccine were found to have 100% of the immune levels against the original strain (identified in China) and the immune levels were 50-60% against the Alpha variant. The study of efficacy against the Delta and Beta variants are still in process as well as monitoring the immune levels among people who received only the 1st dose of the AstraZeneca vaccine. The study is also analyzing the efficacy of shortening the duration between vaccination doses.
- The Department of Health, Ministry of Public Health has released guidelines for opening parks, that include three measures including building standards, building safety, and building the confidence of the people for COVID-19 prevention by driving actions through the campaign about reducing risk and building immunity, to prevent COVID-19. The guidelines determine that people who exercise in parks must strictly follow the guidelines, especially basic measures for COVID-19 prevention like wearing masks when entering the area and during exercise. During moderate to hard exercise such as running, people should not wear masks. Moreover, they should keep a distance of at least 1-2 meters, they should not gather to talk or walk together, and should plan the period of time to avoid exercising in large groups. Before and after activities, people should wash their hands with soap and water or use alcohol gel and when they arrive home, they should take a shower.
- Din Daeng District Office, Bangkok announced it will close Huai Khwang Market for 3 days from 16 - 18 June 2021 and improve its sanitation. Stalls with reported COVID-19 cases were also closed for 14 days after random testing of 75 vendors and employees, 15 of which were found to be positive for COVID-19.

4. Risk Assessment of COVID-19 Situation

The global COVID-19 situation shows that there are more than 177 million cases with the number likely to decline to below 500,000 people per day. There were still many outbreaks in India and South America. The number of daily deaths has decreased to below 10,000 people per day; total deaths are more than 3.8 million people. Thailand's situation showed that 178,861 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 2,649 new locally transmitted cases confirmed from 61 provinces and 457 new cases from prisons. The deaths from this wave of outbreaks have reached 1,461 cases for a mortality rate of 0.82%. During this period, outbreaks have been reported in closed areas that have crowds of people such as establishments, prisons, markets, shopping malls, and communities. Therefore, disease prevention and control measures in addition to the DMHTT measures, should be considered. Bubble-and-seal policies in the areas can decrease the spread to other communities as well. There should be an acceleration of screening among



The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

workers so they can enter the health service system as soon as possible and isolation of confirmed cases. In addition, there should be a COVID-19 vaccination plan for the people who are at risk for severe symptoms and the general people in the outbreak areas to increase immunity in the communities.