

Thailand situation update on 23 July 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	193,463,234	578,349	
Deaths	4,152,562		2.15%

2. The Disease Situation in Thailand

Situation	Total Number
Total number of new cases	14,575
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	13
<ul style="list-style-type: none"> Cases found in prisons 	1,072
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	9,889
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	3,601
Total number of confirmed cases	467,707
<ul style="list-style-type: none"> Total recovered and discharged from hospitals <ul style="list-style-type: none"> Newly recovered and discharged from hospitals 	320,152 (68.45%) 7,775
<ul style="list-style-type: none"> Undergoing treatment 	143,744 (30.73%)
<ul style="list-style-type: none"> Deaths <ul style="list-style-type: none"> New deaths 	3,811 (0.81%) 114

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) 	8,851,187
<ul style="list-style-type: none"> People renewing their passports at the Immigration Bureau, Chaeng Watthana 	630,605
Total number of laboratory tests	3,009,442
<ul style="list-style-type: none"> People who met the PUI criteria 	2,580,317
<ul style="list-style-type: none"> Returnees in quarantine facilities/centers 	83,391
<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	2,580,317
<ul style="list-style-type: none"> Detected from ports of entry 	6,120
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (681,634 cases in private hospitals, and 1,892,475 cases in public hospitals) 	2,574,109
<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 (3,811 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (3,717 deaths)
Case Fatality Rate (CFR) in each age group			
<ul style="list-style-type: none"> 15 - 39 years old 	0.20%	0.02%	0.11%
<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%	7.19%
<ul style="list-style-type: none"> <1 year old (2 deaths) 			
Percentage of COVID-19 deaths that consist of elderly patients, patients with underlying diseases including obesity, or pregnant patients			
	64%	100%	90%
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)	3.2 (0 - 35)

3. Thailand Implementations

- Bangkok has been ordered to close 10 additional types of sites or businesses to prevent and control the COVID-19 epidemic including; 1. All types of sports courts 2. Parks, botanic gardens 3. Sports grounds 4. Exhibition centers, convention centers and exhibition venues 5. Education Centre and Art Gallery 6. Public libraries 7. Museums 8. Nursery children 9. Beauty salons, hair salons, nail salons and tattoo salons and 10. Swimming pool for sports and public swimming pools. The orders became effective from July 23 to August 2, 2021.
- The Office of the Permanent Secretary, Ministry of Public Health has directed Provincial Public Health Medical Doctors and Provincial hospitals, to develop a plan to receive COVID-19 patients returning to their hometown. A plan should include patient bed management, home isolation and community isolation plan. The plan is to follow the central public health guidelines and adapt them to be suitable for each province. Two to three thousand Favipiravir tablets were also delivered to the provinces on July 24, 2021.
- The National Health Security Office has agreed to provide additional Antigen Test Kit to individuals and groups at risk for free self-testing. Now it is in the allocation process and the Department of Disease Control intends to distribute the test kit to the population. If the test kit is positive and categorized as green - patients with COVID-19 (asymptomatic or mild), they will be asked to voluntarily implement isolation at home or isolation in the community. They will receive the digital thermometer, fingertips pulse oximeter and medications at their homes, and medical personnel will follow up and monitor their symptoms. If those persons show serious symptoms, they will be referred to the hospital for treatment.
- The Royal Thai Air Force will build a BDM Field Hospital at Thupatemi Royal Thai Air Force Sports Stadium. It is currently undergoing renovations and installing medical equipment. This field hospital is able to accommodate 100 beds in the infected yellow group with mild symptoms and patients with shortness of breath with major comorbidities. It will open on July 28, 2021.

4. Risk Assessment of COVID-19 Situation

The COVID-19 situation on July 21, 2021 revealed that 14,805,120 persons in Thailand received at least one dose of COVID-19 vaccine. This equals 20.55% of the total number of the target population. Of these, 14.5% received the first dose and 4.7% received the second dose. In the last two months, the vaccination capacity to 200,000 doses daily. Currently, Phuket is the first of all provinces where 58.1% of total population received the second dose of the vaccine. This reflects the decrease in the situation of the epidemic since May 17, 2021. During that period, vaccination coverage for the second dose was 17.14%. That evidence was in relation to other countries. If vaccination coverage exceeds 20% of the total population, the number of people infected decreases. As a result, to slow down new confirmed cases of COVID-19, vaccination may need to be accelerated, particularly in



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outbreak areas to cover more than 20%. However, other factors may influence vaccination coverage to enhance herd immunity, such as new strains of COVID-19, population mobility, etc. Therefore, distancing, mask-wearing, hand washing, testing, and ThaiChana - DMHTTA, travel restrictions, and closing at-risk areas are always important to stop the disease.