

Thailand situation update on 21 July 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	192,315,979	548,613	
Deaths	4,134,853		2.15%

2. The Disease Situation in Thailand

Situation	Total Number
Total number of new cases	13,002
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	31
<ul style="list-style-type: none"> Cases found in prisons 	1,049
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	9,012
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	2,910
Total number of confirmed cases	439,477
<ul style="list-style-type: none"> Total recovered and discharged from hospitals <ul style="list-style-type: none"> Newly recovered and discharged from hospitals 	304,456 (69.45%) 8,248
<ul style="list-style-type: none"> Undergoing treatment 	131,411 (29.72%)
<ul style="list-style-type: none"> Deaths <ul style="list-style-type: none"> New deaths 	3,610(0.80%) 108

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) 	8,841,601
<ul style="list-style-type: none"> People renewing their passports at the Immigration Bureau, Chaeng Watthana 	627,150
Total number of laboratory tests	2,977,258
<ul style="list-style-type: none"> People who met the PUI criteria 	2,548,157
<ul style="list-style-type: none"> Returnees in quarantine facilities/centers 	83,367
<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	2,548,157
<ul style="list-style-type: none"> Detected from ports of entry 	6,117
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (668,945 cases in private hospitals, and 1,873,007 cases in public hospitals) 	2,541,952
<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 (3,610 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (3,516 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%	0.90%
<ul style="list-style-type: none"> 60+ years old 	6.50%	2.60%	7.28%
<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%	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)	3.2 (0 - 35)

3. Thailand Implementations

- The Center for COVID-19 Situation Administration (CCSA) presented that a gestational age group of 12 weeks or more is another group receiving the vaccine as the first group. This is an additional group after older people and the group of 7 chronic conditions have been prioritized.
- Bangkok in collaboration with the National Science and Technology Development Agency have developed the "BKK Hi Care" application. This is the system developed to manage the patients with COVID-19 through the Home Isolation Program. This application can make a list of enrolled patients, monitor and care closely for patients implementing quarantine at home. Patients can report symptoms and consult with doctors and nurses about how to receive the treatment through this mobile phone app. For those who do not have a smartphone, they can report their symptoms by calling the medical staff.
- The Ministry of Public Health together with the National Institute for Emergency Medical and National Health Security Office are setting up a system to return COVID-19 patients to their hometowns. It is aligned with the disease prevention and control standard, prevents the spread of infection during travel, and reduces the spread of infection between provinces. The travel requirements are as follows 1) Patients should present with stable symptoms and be able to travel, and 2) The province of destination accepts the return, based on the resolution of the Provincial Communicable Disease Committee.

4. Risk Assessment of COVID-19 Situation

According to the COVID-19 situation reported to the Department of Disease Control between June 1 and July 20, 2021, there were 266,683 confirmed cases, including 2,471 deaths. The case fatality rate was 0.93%. Of those deaths, 158 had received a single injection of COVID-19 vaccine (6%). The mortality rate in relation to the total number of people vaccinated is 0.001%. Among this group of deaths that had received at least the first COVID-19 vaccination, 65.19% were over the age of 60 and 79.11% were underlying groups with chronic diseases. It was found that a group of vaccinated persons over 60 years of age and those with underlying diseases were less likely to die than those who had not been vaccinated.

At least those who have received a dose of COVID-19 vaccination can reduce the risk of death among seniors and groups of individuals with underlying diseases. Effective prevention of serious diseases and fatalities will require full vaccination. All provinces should provide vaccines to seniors, people with chronic diseases and people with obesity and provide a surveillance system for adverse events following vaccination. It should include procedures to investigate the causes of adverse events in order to increase public understanding and treat these individuals appropriately. It is important to encourage everyone to get their vaccinations as early as possible.