

## Thailand situation update on 19 August 2021

### 1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
<b>Confirmed cases</b>	210,207,001	740,050	
<b>Deaths</b>	4,407,134		2.10%

### 2. The Disease Situation in Thailand

Situation	Total Number
<b>Total number of new cases</b>	<b>20,902</b>
<ul style="list-style-type: none"> <li>Cases found in quarantine facilities/centers (Imported)</li> </ul>	24
<ul style="list-style-type: none"> <li>Cases found in prisons</li> </ul>	148
<ul style="list-style-type: none"> <li>Cases infected in Thailand (Local transmission)</li> </ul>	16,885
<ul style="list-style-type: none"> <li>Cases found from active case finding (Local transmission)</li> </ul>	3,845
<b>Total number of confirmed cases</b>	<b>989,859</b>
<ul style="list-style-type: none"> <li>Total recovered and discharged from hospitals               <ul style="list-style-type: none"> <li>Newly recovered and discharged from hospitals</li> </ul> </li> </ul>	775,327 (78.33%) 22,208
<ul style="list-style-type: none"> <li>Undergoing treatment</li> </ul>	205,946 (20.81%)
<ul style="list-style-type: none"> <li>Deaths               <ul style="list-style-type: none"> <li>New deaths</li> </ul> </li> </ul>	8,586 (0.87%) 301

# The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

Screening, Testing, and PUI	Total Number
<b>Total number of people screened</b>	
<ul style="list-style-type: none"> <li>Ports of entry (Airports, ground ports, and seaports)</li> </ul>	8,965,670
<ul style="list-style-type: none"> <li>People renewing their passports at the Immigration Bureau, Chaeng Watthana</li> </ul>	650,965
<b>Total number of laboratory tests</b>	3,313,533
<ul style="list-style-type: none"> <li>People who met the PUI criteria</li> </ul>	2,884,075
<ul style="list-style-type: none"> <li>Returnees in quarantine facilities/centers</li> </ul>	83,724
<ul style="list-style-type: none"> <li>People who did not meet the PUI criteria</li> </ul>	345,734
<b>Total number of people who met the criteria of PUI</b>	2,884,075
<ul style="list-style-type: none"> <li>Detected from ports of entry</li> </ul>	6,142
<ul style="list-style-type: none"> <li>Sought medical services on their own at hospitals (802,810 cases in private hospitals, and 2,075,035 cases in public hospitals)</li> </ul>	2,877,845
<ul style="list-style-type: none"> <li>Notified by hotel residences, the Erawan Medical Center, local universities, tour groups, and U-Tapao</li> </ul>	88

Remark: \*PUI (Patients Under Investigation)

Characteristics of Deaths (8,285 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (8,191 deaths)
<b>Case Fatality Rate (CFR) in each age group</b>			
<ul style="list-style-type: none"> <li>15 - 39 years old</li> </ul>	0.20%	0.02%	0.12%
<ul style="list-style-type: none"> <li>40 - 59 years old</li> </ul>	2.10%	0.02%	0.92%
<ul style="list-style-type: none"> <li>60+ years old</li> </ul>	6.50%	2.60%	6.97%
<ul style="list-style-type: none"> <li>&lt;1 year old (2 deaths)</li> </ul>			
<b>Percentage of COVID-19 deaths that consist of elderly patients, patients with underlying diseases including obesity, or pregnant patients</b>			
	64%	100%	89%
<b>Average number of days between the onset of symptoms and the date of receiving treatment (Minimum-Maximum)</b>			
	3.5 (0 - 19)	1.2 (0 - 8)	3.2 (0 - 45)

### 3. Thailand Implementations

The Department of Medical Services announced a reservation for the Pfizer vaccine for pregnant women aged 12 weeks or older. They need to demonstrate that they have not been previously vaccinated against COVID-19. Pregnant women can enroll in Pfizer vaccination starting August 20, 2021. Vaccination is available at Nopparat Rajathanee Hospital and The Mall Bangkok Department Store.

The Ministry of Public Health has recommended a measure to randomly detect COVID-19 in factories or establishments using antigen test kits (ATK). This should be implemented with a bubble and seal measurement to determine a group of workers who can work together or who need to be separated to avoid contact. This includes workers who move between their homes and workplaces without having to go to a stop point that can minimize exposure to contact. If the infection has been detected in a factory, an intensive bubble and seal measure must be taken. The measures include separating asymptomatic patients and setting up a similar area to a field hospital in a factory to continuously monitor a patient for 14 days.

The Department of Health is urging Thais to raise the level of COVID-19 prevention in families to the highest level. The campaign includes more masks at home to prevent COVID-19 from being transmitted to people at home. If a person has a high risk of contracting the disease, an antigen test kit (ATK) must be carried out for the initial screening.

### 4. Risk Assessment of COVID-19 Situation

According to the COVID-19 cluster outbreak analysis between August 13 and 19, 2021, there were more than 50 people per cluster in 17 provinces, and 6 to 50 people per cluster in 19 provinces. This number was lower than over the last two weeks. More than 50 people per cluster were mostly in mass gathering locations such as companies and markets. While 6 to 50 persons per cluster were found in social gathering places, including funeral ceremonies, small markets and restaurants. While some provinces have not reported the cluster outbreak, there have been cases among close contacts of patients with COVID-19 and local transmission in the areas. Therefore, provinces that did not report the cluster outbreak recommended implementing an active case finding. It is accompanied by case isolation and close contacts in order to cut the cycle of transmission disease. For those provinces that found a small cluster outbreak, it was recommended that they limit the extent of the outbreak by temporarily shutting down the outbreak sites. For provinces that have seen a large cluster outbreak, they need to implement the Bubble and Seal measures in order to reduce the number of transmissions in the community.