

Thailand situation update on 20 August 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	210,939,041	732,040	
Deaths	4,418,998		2.09%

2. The Disease Situation in Thailand

Situation	Total Number
Total number of new cases	19,851
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	10
<ul style="list-style-type: none"> Cases found in prisons 	325
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	16,125
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	3,391
Total number of confirmed cases	1,009,710
<ul style="list-style-type: none"> Total recovered and discharged from hospitals <ul style="list-style-type: none"> Newly recovered and discharged from hospitals 	795,805 (78.82%) 20,478
<ul style="list-style-type: none"> Undergoing treatment 	205,079 (20.31%)
<ul style="list-style-type: none"> Deaths <ul style="list-style-type: none"> New deaths 	8,836(0.88%) 240

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) 	8,971,223
<ul style="list-style-type: none"> People renewing their passports at the Immigration Bureau, Chaeng Watthana 	651,990
Total number of laboratory tests	3,323,543
<ul style="list-style-type: none"> People who met the PUI criteria 	2,894,075
<ul style="list-style-type: none"> Returnees in quarantine facilities/centers 	83,734
<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	2,894,075
<ul style="list-style-type: none"> Detected from ports of entry 	6,143
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (807,120 cases in private hospitals, and 2,080,724 cases in public hospitals) 	2,887,844
<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 (8,826 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (8,732 deaths)
Case Fatality Rate (CFR) in each age group			
<ul style="list-style-type: none"> 15 - 39 years old 	0.20%	0.02%	0.12%
<ul style="list-style-type: none"> 40 - 59 years old 	2.10%	0.02%	0.92%
<ul style="list-style-type: none"> 60+ years old 	6.50%	2.60%	7.01%
<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%	89%
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 - 45)

3. Thailand Implementations

The COVID-19 Vaccine Registration Web site has been opened for bedridden patients, seniors and vulnerable people who cannot travel to get vaccinated at the vaccination site. The family of the abovementioned group can register through <https://forms.gle/vW5meyKHz5dVjz2q7>. Thereafter, the Bangkok Metropolitan Administration will contact them to schedule an appointment.

The Social Security Office is open for application to insurers. These are self-employed workers or freelancers residing in 19 provinces declared red zones. They are able to register as a person insured under section 40 to receive 5000 baht for social security compensation. The application begins August 15 to 24, 2021.

The Department of Employment has revealed that all migrant workers in Thailand with work permits are eligible for COVID-19 vaccine. The Ministry of Public Health (MoPH) as well as the Social Security Office and hospitals are responsible for allocating the amount of vaccines and coordinating vaccination issues.

4. Risk Assessment of COVID-19 Situation

With respect to deaths due to COVID-19 since last year until August 10, 2021, Thailand reported 8,586 deaths. These deaths took place in three phases. 60 deaths occurred in the first phase (1 January to 15 December 2020), 60 in the second phase (16 December 2020 to 31 March 2021), and the current phase (from 1 April 2021) recorded 8492 deaths (98.90% of all deaths) since the epidemic in Thailand. 76.97% of them had underlying diseases such as hypertension, coronary heart disease, chronic respiratory diseases, and obesity, etc.

In addition, from April to the present, there has been an increase in the number of deaths of pregnant women with or without a history of underlying diseases. There were 36 fatalities among pregnant women. Based on gestational age, it can be divided into one death in 6 to 13 weeks, 10 deaths in 14 to 26 weeks, 24 deaths in 27 to 40 weeks, one death is not specified gestational age. Of these pregnant women, 8 were found to have underlying diseases, 17 lived without underlying diseases, and 11 were found to have unspecified underlying diseases. The median time since the onset of symptoms to seek medical attention was three days. Most were given the medication immediately after consulting doctors. Only 8 cases have been untreated with antivirals. With respect to vaccination history, only three cases were vaccinated and received only one injection. In summary, since the outbreak in April, mortality among pregnant women has begun to increase. Most did not receive a vaccine for COVID-19. Therefore, deaths in this risk group should be prevented by accelerating vaccination and clarifying practice guidelines for pregnant women infected with a COVID-19-causing agent.