

Thailand situation update on 22 August 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	212,209,719	589,180	
Deaths	4,438,012		2.09%

2. The Disease Situation in Thailand

Situation	Total Number
Total number of new cases	19,014
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	10
<ul style="list-style-type: none"> Cases found in prisons 	196
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	16,428
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	2,380
Total number of confirmed cases	1,049,295
<ul style="list-style-type: none"> Total recovered and discharged from hospitals <ul style="list-style-type: none"> Newly recovered and discharged from hospitals 	839,636 (79.49%) 20,672
<ul style="list-style-type: none"> Undergoing treatment 	200,339 (19.63%)
<ul style="list-style-type: none"> Deaths <ul style="list-style-type: none"> New deaths 	9,320(0.89%) 233

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) 	8,981,895
<ul style="list-style-type: none"> People renewing their passports at the Immigration Bureau, Chaeng Watthana 	651,990
Total number of laboratory tests	3,338,350
<ul style="list-style-type: none"> People who met the PUI criteria 	2,908,858
<ul style="list-style-type: none"> Returnees in quarantine facilities/centers 	83,758
<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	2,908,858
<ul style="list-style-type: none"> Detected from ports of entry 	6,144
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (814,314 cases in private hospitals, and 2,088,312 cases in public hospitals) 	2,902,626
<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 (9,320 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (9,226 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%	0.93%
<ul style="list-style-type: none"> 60+ years old 	6.50%	2.60%	7.07%
<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%

3. Thailand Implementations

- The Department of Disease Control sent 13 operational teams from sectors in the Bangkok area and other provinces on an intensive visit to monitor and investigate. The focus is on proactive operations in three key areas: rapid detection, monitoring, and quarantine. Rapid detection by Antigen Test Kit (ATK) is looking for new cases and close contacts within homes, communities and businesses. If the result is positive, it will be accounted for in the health care system. Then they will also be isolated and double-checked by RT-PCR. In the end, they will be registered as infected.
- Samut Sakhon Province has set up a Pfizer vaccination point for vulnerable children in Mueang District, Samut Sakhon Province, between the ages of 12 and 18. These children need to suffer from chronic diseases such as diabetes, cancer, asthma, stroke, chronic kidney disease, heart disease and vascular disease. In addition, vaccines are provided for children with obesity or sleep apnea due to airway obstruction, genetic diseases, Down syndrome autism and severe neurological conditions. This includes children with slow development and children living with immunocompromised individuals.
- The National Health Security Office adjusted the compensation criteria for isolation at home and isolation in the community for confirmed cases. Cases are supported 600 baht daily for food expenditures. If the hospital supplies food instead, they can draw 1,000 baht with an additional baht 450 baht to pay for oxygen per day.

4. Risk Assessment of COVID-19 Situation

According to the global COVID-19 situation on August 20, 2021, there are 210 million COVID-19 cases around the world. The morbidity rate of 2,706 cases per 100,000 population and 4.4 million deaths or the mortality rate is 2.1% or 56.7 cases per 100,000 population. Now, the epidemic is the fourth wave since it started in December 2019, especially in the countries of Africa, Europe, the Eastern Mediterranean and Southeast Asia. Delta is the main variant of the SARS-CoV-2 virus that is currently spreading and that was discovered in September 2020 and has spread widely in 94 countries. Therefore, it can be expected that the growing number of confirmed cases in the world will now spread from the "Delta" strain. The infestation rate is 70% above the original strain. In India, now seen as a country where the outbreak of the delta strain has been controlled. The number of infected individuals has declined from a high of 400,000 to 35,000 cases per day.

However, a study of the level of immunity to SARS-CoV-2 among Indians has been conducted. The result revealed that over 70% of Indians had immunity against SARS-CoV-2, which was widespread in the country at that time. For the COVID-19 situation in Thailand as of August 20, 2021, there was a total of 1,009,710 COVID-19 cases (1,450 cases per 100,000 population) with 8,826 deaths (0.87% of all COVID-19 cases). COVID-19 has been widespread across the country, especially in provinces with high population densities.



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Although there is a downward trend in COVID-19 cases in large provinces including Bangkok and Metropolitan Region, the number of serious cases and deaths will continue to rise over the next two weeks. With this situation, adequate bed and distribution of vaccine to people at high risk, including the elderly group, people with chronic diseases and obesity, and pregnant women are necessary and critical.