

Thailand situation update on 20 October 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	242,419,271	449,571	
Deaths	4,930,707		2.03%

2. The Disease Situation in Thailand

Situation	Total Number
Number of new confirmed cases	8,918
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	18
<ul style="list-style-type: none"> Cases found in prisons 	41
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	8,195
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	664
7-day average percentage of daily positive PCR tests (confirmed cases)	14.68%
Total number of confirmed cases	1,811,852
<ul style="list-style-type: none"> Total recovered and discharged from hospitals - Newly recovered and discharged from hospitals 	1,689,859 (93.27%) 10,878
<ul style="list-style-type: none"> Undergoing treatment 	103,507 (6.73%)
<ul style="list-style-type: none"> Deaths - New deaths 	18,486 (1.02%) 79
Daily Number of new vaccinations (Doses)*	475,053
<ul style="list-style-type: none"> First dose 	238,015
<ul style="list-style-type: none"> Second dose 	217,372
<ul style="list-style-type: none"> Third dose 	19,666
Total number of vaccinations (Doses)*	65,677,794
<ul style="list-style-type: none"> First dose 	37,684,728

The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

• Second dose	26,042,573
• Third dose	1,950,493
Total number of people screened at Ports of Entry (airports, ground ports, and seaports)	9,308,627
Number of people renewing their passports (at the Immigration Bureau, Chaeng Watthana)	705,703

Remark: *PUI (Patients Under Investigation) ** Updated on October 14th, 2021

Characteristics of Deaths (18,486 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (18,392 deaths)
Case Fatality Rate (CFR) in each age group			
• 15 - 39 years old	0.20%	0.02%	0.11%
• 40 - 59 years old	2.10%	0.02%	0.91%
• 60+ years old	6.50%	2.60%	6.77%
• < 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%

3. Thailand Implementations

- Pattani Province has ordered a closure of high-risk areas in 22 villages and 12 communities of 9 sub-districts including Kadunong, Bure, Terabol, Lahan, Tabing, Pasayaw, Bang Kao, Manang Dalam, and Taluban sub-districts, due to many infected cases and high-risk contacts were found.
- The Bangkok Metropolitan Administration (BMA) has prepared to the country reopen on 1 November, 2021 using the Bangkok Sandbox measure by developing the 11 Standard Operating Procedures (SOPs) including management of international flights at Suvarnabhumi and Don Mueang Airports, transportation of tourists from the airport to their accommodations without stopping in between, water tourism and sailing, tour guides, waste management, service providers and customers, spa and massage service for health, community based tourism, Bangkok traveling, and Safety and Health Administration (SHA/SHA+).
- The Bangkok Metropolitan Administration (BMA) has opened a field hospital at Lersin Hospital, with a 200 beds capacity that can accommodate COVID-19 patients

in yellow and red levels. It aims to serve as a receiving and referring center to the hospitals. The field hospital has a disinfection and wastewater treatment system for safety of medical personnel and surrounding communities.

4. Risk Assessment of COVID-19 Situation

The situation of COVID-19 in the past week (12 - 18 October 2021), a total of 72,893 cases were reported, composed of 71,894 local transmission cases (98.63%), 163 imported cases from abroad (0.22%), and transmission in prisons 836 cases (1.15 %). On average, 10,412 cases were reported per day. The male to female ratio was 1: 1.1. The mean age of the cases was 34 years. The top five age groups were 20 to 29, 30 to 39, 40 to 49, 10 to 19 and 50 to 59 years, representing a percentage of 17.95, 16.23, 13.06, 10.44 and 10.32 respectively. Most of the cases still have a history of contact with previous cases (57.11 %), followed by others or unknown (28.44 %).

The top 10 provinces with the highest number of cases were Bangkok, Yala, Songkhla, Pattani, Chonburi, Narathiwat, Samut Prakan, Rayong, Nakhon Si Thammarat and Chanthaburi. Most of the cases (81.97%) were admitted and treated in the same provinces where they became sick. While 4.9 % of the cases were treated in different provinces. Most of these cases were infected in Bangkok and its vicinity, including Nonthaburi, Samut Prakan, Pathum Thani and Rayong that traveled to Bangkok for treatment.

In conclusion, the overall COVID-19 situation has been improving and the risk group is the working age group rather than the elderly group. There are two factors, i.e., the working age people go out and meet more people and the COVID-19 vaccination coverage among the elderly is greater than the working age group. A current concern is that some infected people travel to another provinces for treatment, which is a risk factor for the disease spreading. Therefore, risk communication should be delivered to these people to properly prevent disease transmission when finding themselves infected.