

Thailand situation update on 28 May 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	169,671,394	555,961	
Deaths	3,526,317		2.08%

2. The Disease Situation in Thailand

Situation	Total Number*
Total number of new cases	3,759
• Cases found in quarantine facilities/centers (Imported)	18
• Cases found in Prisons	1,294
• Cases infected in Thailand (Local transmission)	1,374
• Cases found from active case finding	1,073
Total number of confirmed cases	144,976
• Total recovered and discharged from hospitals	97,872 (67.5186%)
- Newly recovered and discharged from hospitals	4,044
• Undergoing treatment	46,150 (31.83%)
• Deaths	954 (0.66%)
- New deaths	34

The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

Type of Screened People and PUI	Total Number
Total number	
<ul style="list-style-type: none"> Ports of entry (Airports, ground ports, and seaports) 	8,513,666
<ul style="list-style-type: none"> People renewing their passports at the Immigration Bureau, Chaeng Watthana 	568,138
Total number of laboratory tests	2,378,035
<ul style="list-style-type: none"> People who met the PUI criteria 	1,950,290
<ul style="list-style-type: none"> Returnees in quarantine facilities/centers 	82,011
<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	1,950,290
<ul style="list-style-type: none"> Detected from ports of entry 	5,592
<ul style="list-style-type: none"> Sought medical services on their own at hospitals (447,640 cases in private hospitals, and 1,496,970 cases in public hospitals) 	1,944,610
<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 (954 cases)	Wave: 1 Jan - 14 Dec 2020 (60 cases)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 cases)	Wave: 1 April 2021 - now (860 cases)
The mortality rate in each age group			
<ul style="list-style-type: none"> 20-39 years old 	0.20%	0.02%	0.11%
<ul style="list-style-type: none"> 40-59 years old 	2.10%	0.02%	0.85%
<ul style="list-style-type: none"> 60+ years old 	6.50%	2.60%	6.07%
Percent of deaths who had an underlying disease and/or who were elderly people			
	64%	100%	91%
The average number of days between the onset of symptoms and receiving treatment (Minimum-Maximum)			
	3.5 (0-19)	1.2 (0-8)	1.8 (0-19)

3. Thailand Implementations

- Bangkok has rescheduled the COVID-19 vaccine booking calendar on both “www.ไทยร่วมใจ.com” and “แอปตั้ง application” channels starting from 9:00 a.m. to 10:00 p.m. For reservations at convenience stores, people can book between 9am and 6pm starting May 28, 2021. This deferral may assist officials in enhancing the effectiveness of the system. Currently, 1,248,235 persons are registered to receive the vaccines, divided into 798,511 persons registered through an application, and the rest of those registered through www.ไทยร่วมใจ.com and the convenience stores.
- The Deputy Prime Minister and the Minister of Public Health opened Budsarakam hospital for phase 2. This involved expanding the areas for other COVID-19 cases for 1,076 beds in IMPACT's Challenger 1 building, Muang Thong Thani. It can accommodate cases in a total of 2159 beds equipped with medical equipment, negative pressure tents for the 101 beds of patients on respirators. If the patients develop pneumonia, they can be referred to hospitals. In the past 14 days, the average total of admissions was 70 cases per day. There were 1,002 accumulated cases. Of these, 183 cases have been recovered, 39 cases have been referred to hospitals, and 780 cases are being treated. The bed occupancy rate was more than 70%.
- The Food and Drug Administration (FDA) has approved the registration of the Sinopharm vaccine by Biogenetech Co Ltd as the fifth COVID-19 vaccine to be authorized for emergency use. The Sinopharm vaccine is produced by the Beijing Institute of Biological Products as an inactivated vaccine. Two doses of vaccination with a 28-day interval are recommended. The vaccine has been approved for emergency use by the World Health Organization.

4. Risk Assessment of COVID-19 Situation

Between May 1 and 28, 2021, there were 194 reported cases of COVID-19 among health care workers. The results of the investigation indicated that 145 cases (74.7%) were infected during clinical practices. Of those, 121 (83.4%) were women. The average age was 35 years. 18 cases (12.4%) were admitted to Bangkok, and Samut Sakhon (12.4%), followed by 13 cases (9%) to Ratchaburi and 12 cases (8.2%) to Samut Prakan. This situation affected health care services because health care workers in several health care units need to be quarantined to observe symptoms .

Therefore, the medical staff and public health officers who have a high risk to be infected by the SARS-COV-2 during performing the duty should minimize that risk and implement the measures to prevent the disease transmission in the hospitals by managing the service system to reduce the congestion of people, operating the medical procedures only the necessary or emergency cases, and wearing the PPE appropriately especially the staff who need to contact the patients with unknown risk history (e. g. staff at emergency unit, hospital porter and investigation team) . The medical staff and public health officer are also recommended to always wash their hands after contacting the patient, and observe suspected symptoms including fever, coughing, runny nose, sore throat and losing the

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sense of smell. If anyone develops those kinds of symptoms, they should go to the hospital to get the COVID - 19 test. In the meantime, the medical staff should receive the vaccines in the schedule specified by each hospital in order to reduce the risk of getting the infection and minimize the severity of the disease.