

Thailand situation update on 27 June 2021

1. International Situation

| | Total Number | Daily Increase | Case Fatality Rate (CFR) |
|------------------------|--------------|----------------|--------------------------|
| Confirmed cases | 181,610,458 | 389,117 | |
| Deaths | 3,934,196 | | 2.17% |

2. The Disease Situation in Thailand

| Situation | Total Number |
|--|---------------------------|
| Total number of new cases | 3,995 |
| <ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) | 35 |
| <ul style="list-style-type: none"> Cases found in prisons | 45 |
| <ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) | 2,563 |
| <ul style="list-style-type: none"> Cases found from active case finding (Local transmission) | 1,352 |
| Total number of confirmed cases | 244,447 |
| <ul style="list-style-type: none"> Total recovered and discharged from hospitals <ul style="list-style-type: none"> Newly recovered and discharged from hospitals | 198,928 (81.38%) 2,253 |
| <ul style="list-style-type: none"> Undergoing treatment | 43,607 (17.84%) |
| <ul style="list-style-type: none"> Deaths <ul style="list-style-type: none"> New deaths | 1,912 (0.78%) 42 |

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) | 8,700,712 |
| <ul style="list-style-type: none"> People renewing their passports at the Immigration Bureau, Chaeng Watthana | 601,612 |
| Total number of laboratory tests | 2,706,856 |
| <ul style="list-style-type: none"> People who met the PUI criteria | 2,278,135 |
| <ul style="list-style-type: none"> Returnees in quarantine facilities/centers | 82,987 |
| <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 | 2,278,135 |
| <ul style="list-style-type: none"> Detected from ports of entry | 5,954 |
| <ul style="list-style-type: none"> Sought medical services on their own at hospitals (567,620 cases in private hospitals, and 1,704,473 cases in public hospitals) | 2,272,093 |
| <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 (1,912 deaths) | Wave: 1 Jan - 14 Dec 2020 (60 deaths) | Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths) | Wave: 1 April 2021 - now (1,818 deaths) |
|--|--|--|--|
| Case Fatality Rate (CFR) 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% | 0.92% |
| <ul style="list-style-type: none"> 60+ years old | 6.50% | 2.60% | 7.58% |
| Percentage of COVID-19 deaths that consist of elderly patients, patients with underlying diseases including obesity, or pregnant patients | | | |
| | 64% | 100% | 91% |
| 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 - 19) |

3. Thailand Implementations

- The Ministry of Public Health (MoPH) has requested all provinces to prepare surveillance measures to prevent COVID-19. Measures include monitoring workers moving from Bangkok, neighboring provinces of Bangkok and four southern provinces to their homes. Furthermore, the MoPH has requested cooperation to prevent the migration of workers from entrepreneurs to control the disease. If the workers go back to their hometown, they must report to the head of the village. Isolation during 14 days and strict compliance with measures to prevent the spread of infection should be implemented.
- Phuket Province sets up "Phuket Sandbox" on 1 July, defining five public health measures to prevent the spread of the outbreak as follows;
 - 1) Increased herd immunity by providing COVID-19 vaccination to people residing in Phuket, approximately 540,000 individuals. This includes legal and illegal immigrants with a target of 70% vaccination by the end of June 2021.
 - 2) Screening of visitors from other provinces and at-risk areas, including air, land and sea travellers entering Phuket. All visitors must have received a full dose of vaccine or tested negative for COVID-19 within the past 72 hours.
 - 3) Implementation of active case detection in at-risk groups and areas, particularly in the community where vaccination coverage is below average, such as school and factory. It is also recommended to implement screening testing at school at least once per week. Factory is recommended to provide the vaccine to staff in order to prevent the cluster outbreak.
 - 4) Enhance the laboratory's ability to detect SAR-CoV - 2 of the foreigners who have already received the vaccine and visited Thailand. These foreigners still require testing for SAR -CoV - 2 for 3 times. The first time is on arrival in Thailand, the second time is day 3 - day 5, and the third time is day 13 - day 14. The laboratory capacity in Phuket can detect cases to 1500 samples daily. The province has a plan to increase testing capacity through collaboration with the private laboratory.
 - 5) For the treatment service, the province will provide more beds and ICUs to support the severe COVID -19 cases. 24 additional beds will be supported and the cohort ICU will be provided to serve more than 4,000 patients. In the meantime, the field hospital will be established within 48 hours.

4. Risk Assessment of COVID-19 Situation



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The COVID-19 situation among health care personnel between January 1 and June 26, 2021, revealed that at least 707 cases were infected, representing 0.35% of the total number of confirmed cases. 1,837,349 people of health care workers and village health volunteers across the country were vaccinated for the first dose; 61.75% completed the COVID-19 vaccination program. Most confirmed cases among health care workers are unknown sources of infection, but they work closely with the patient. They remain at high risk for infection.

In addition, there was work-related exposure and infection in family members. Most occupational groups of infected health care workers are nurses, followed by radiologists, physicians and service units such as medical rooms, finance, housekeeping and security. The trend for the number of healthcare workers infected increases with the number of people infected across the country. Less than 80% of HCW had received two doses of vaccine that could be caused by infections in this group. The challenge is to accelerate surveys and increase vaccine coverage among HCWs and focus on workplace self-protection.