

Thailand situation update on 2 October 2021

## 1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
<b>Confirmed cases</b>	235,127,644	465,171	
<b>Deaths</b>	4,807,158		2.04%

## 2. The Disease Situation in Thailand

Situation	Total Number
<b>Total number of new cases</b>	<b>11,375</b>
<ul style="list-style-type: none"> <li>Cases found in quarantine facilities/centers (Imported)</li> </ul>	17
<ul style="list-style-type: none"> <li>Cases found in prisons</li> </ul>	184
<ul style="list-style-type: none"> <li>Cases infected in Thailand (Local transmission)</li> </ul>	10,245
<ul style="list-style-type: none"> <li>Cases found from active case finding (Local transmission)</li> </ul>	929
<b>Total number of confirmed cases</b>	<b>1,626,604</b>
<ul style="list-style-type: none"> <li>Total recovered and discharged from hospitals               <ul style="list-style-type: none"> <li>Newly recovered and discharged from hospitals</li> </ul> </li> </ul>	1,496,273 (91.99%) 13,127
<ul style="list-style-type: none"> <li>Undergoing treatment</li> </ul>	113,394 (6.97%)
<ul style="list-style-type: none"> <li>Deaths               <ul style="list-style-type: none"> <li>New deaths</li> </ul> </li> </ul>	16,937 (1.04%) 87

Screening, Testing, and PUI	Total Number
<b>Total number of people screened</b>	
<ul style="list-style-type: none"> <li>Ports of entry (Airports, ground ports, and seaports)</li> </ul>	9,206,573
<ul style="list-style-type: none"> <li>People renewing their passports at the Immigration Bureau, Chaeng Watthana</li> </ul>	691,667
<b>Total number of laboratory tests</b>	<b>3,591,932</b>

# The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

• People who met the PUI criteria	3,162,016
• Returnees in quarantine facilities/centers	84,182
• People who did not meet the PUI criteria	345,734
<b>Total number of people who met the criteria of PUI</b>	<b>3,162,016</b>
• Detected from ports of entry	6,196
• Sought medical services on their own at hospitals (929,711 cases in private hospitals, and 2,226,021 cases in public hospitals)	3,155,732
• Notified by hotel residences, the Erawan Medical Center, local universities, tour groups, and U-Tapao	88

Remark: \*PUI (Patients Under Investigation)

Characteristics of Deaths (16,937 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (16,843 deaths)
<b>Case Fatality Rate (CFR) in each age group</b>			
• 15 - 39 years old	0.20%	0.02%	0.13%
• 40 - 59 years old	2.10%	0.02%	1.05%
• 60+ years old	6.50%	2.60%	7.92%
• < 1 year old (2 deaths)			
<b>Percentage of COVID-19 deaths that consist of elderly patients, patients with underlying diseases including obesity, or pregnant patients</b>			
	64%	100%	90%

### 3. Thailand Implementations

- Phayao Province provides vaccine services according to the Ministry of Public Health's COVID-19 vaccine distribution plan and strictly adheres to D-M-H-T-T-A measures. The second dose will be given to the elderly aged 60 years old, people with 7 diseases and the general public at 8 vaccine service centers where vaccination must be voluntary.
- Nakhon Si Thammarat province announced to temporarily close the area in Mueang Nakhon Si Thammarat district from October 2, 2021, until the epidemic situation of COVID-19 is released or otherwise ordered that strict compliance with the Ministry of

Public Health's measures in 5 issues as follows: 1. There will be temporarily closed checkpoint areas surrounding Mueang Nakhon Si Thammarat District 2. The community is closed in Nakhon Si Thammarat municipality 3. Special Operation Center has been established, using hotline 199 and telephone number 0-7534-8118 to receive notification of the situation of COVID-19 24 hours a day 4. Increase the number of field hospitals and waiting centers by private hospitals, private sectors, and the Thai Traditional Medicine Club supports and 5. Refrain or avoid traveling to the area where the epidemic is as well as allowing establishments and agencies to reduce risks and continually self-assessment.

- The Ministry of Education and the Department of Health allowed boarding schools to reopen during the COVID 19 situation. According to the operation guideline, the boarding school must apply to join the Sandbox Safety Zone in School model project and be able to organize a Hybrid teaching platform both on site and online.

#### 4. Risk Assessment of COVID-19 Situation

From the assessment of situation, comparing the number of severe COVID-19 cases and number of COVID-19 vaccination between 14 -28 September 2021 found that the coverage of COVID-19 vaccination both first and second dose was 31.88% (23.17-99.14) and 19.26% (11.67-74.38) respectively. On 28 September 2021, a total number of 3,232 severe cases were reported with the trend of reduced severe cases over the past 2 weeks. The number of severe cases reduced 53.70%, 63.64%, 80% and 100% in provinces where the coverage of COVID-19 vaccination is below 40%, 40-60%, 60-80% and over 80% respectively. The trend of using invasive ventilators is 62.96%, 63.64%, 80% and 100%. The increased coverage of COVID-19 vaccination led to the reduction of severe cases and invasive ventilator use. However, it is unable to conclude whether the second dose of COVID-19 vaccination will reduce the number of severe cases. In addition, most provinces have the coverage of second dose vaccination less than 40%. Therefore, it is needed to expedite and increase the COVID-19 vaccination coverage.