

Thailand situation update on 5 November 2021

## 1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
<b>Confirmed cases</b>	249,450,151	526,596	
<b>Deaths</b>	5,047,588		2.02%

## 2. The Disease Situation in Thailand

Situation	Total Number
<b>Number of new confirmed cases</b>	<b>8,148</b>
<ul style="list-style-type: none"> <li>Cases found in quarantine facilities/centers (Imported)</li> </ul>	15
<ul style="list-style-type: none"> <li>Cases found in prisons</li> </ul>	605
<ul style="list-style-type: none"> <li>Cases infected in Thailand (Local transmission)</li> </ul>	7,415
<ul style="list-style-type: none"> <li>Cases found from active case finding (Local transmission)</li> </ul>	113
<b>7-day average percentage of daily positive PCR tests (confirmed cases)</b>	<b>12.66%</b>
<b>Total number of confirmed cases</b>	<b>1,951,572</b>
<ul style="list-style-type: none"> <li>Total recovered and discharged from hospitals</li> <li>- Newly recovered and discharged from hospitals</li> </ul>	1,834,730 (94.01%) 8,238
<ul style="list-style-type: none"> <li>Undergoing treatment</li> </ul>	97,470 (4.99%)
<ul style="list-style-type: none"> <li>Deaths</li> <li>- New deaths</li> </ul>	19,542 (1.00%) 88
<b>Daily Number of new Vaccinations (Doses)*</b>	<b>684,679</b>
<ul style="list-style-type: none"> <li>First dose</li> </ul>	230,633
<ul style="list-style-type: none"> <li>Second dose</li> </ul>	427,104
<ul style="list-style-type: none"> <li>Third dose</li> </ul>	26,942
<b>Total number of Vaccinations (Doses)*</b>	<b>78,175,959</b>
<ul style="list-style-type: none"> <li>First dose</li> </ul>	43,119,164

# The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

• Second dose	32,529,294
• Third dose	2,527,501
<b>Number of people screened at Ports of Entry</b> (Airports, Ground Ports, Seaports)	9,404,619
<b>Number of people screened when renewing their passports</b> (at the Immigration Bureau, Chaeng Watthana)	720,521

Remark: \*Updated on October 31th, 2021

Characteristics of Deaths (19,542 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (19,448 deaths)
<b>Case Fatality Rate (CFR) in each age group</b>			
• 15 - 39 years old	0.20%	0.02%	0.10%
• 40 - 59 years old	2.10%	0.02%	0.83%
• 60+ years old	6.50%	2.60%	6.04%
• < 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

- The Ministry of Education has announced the progress of COVID-19 vaccination that more than 2.8 million students have received the vaccine. On 15 November 2021, there will be a total of 12,000 schools that open on-site teaching. Currently, after 3 days of on-site teaching in some schools, there have not been any students that are at risk of COVID-19 infection.
- The Bangkok Metropolitan Administration (BMA) has scheduled the COVID-19 vaccination for entrepreneurs and employees of establishments in 50 districts on 9 November 2021 at West Sports Building 2, Bangkok Youth Center. (Thai-Japan), Din Daeng District.
- Chulalongkorn University has conducted a research and development project for ChulaCov-19 mRNA vaccine by accelerating clinical trials in humans to get the registration approval by the Food and Drug Administration. The university also has been preparing for the vaccine production and expedite the experimental report to the Office of the National Economic and Social Development Council.

## 4. Risk Assessment of COVID-19 Situation

From the COVID-19 situation monitoring, during 1 April to 3 November 2021, 7,799 health care providers and public health officers were infected with the disease (0.41% of the total cases). The investigation has revealed that 3,699 (47.4%) were work related. The distribution of cases by month were April (89), May (191), July (570), August (1,224), September (740), October (676), and during 1 to 3 November (14). Most were female (2,674 cases or 72.3%). The mean age was 35.2 years. Most of them were front-line health care providers (2,446 cases or 74.3%) that were nurses and nurse assistants (1,301 cases or 35.2%) and physicians and medical students (238 cases or 6.4%). The top five provinces with at-work infected personnel include Bangkok (2,032 cases or 54.9%), Chonburi (184 cases or 5.0%), Samut-Prakan (140 cases or 3.8%), Samuth-Sakhon (123 cases or 3.3%), and Narathiwat (92 cases or 2.5%). Regarding the types of hospitals, infection occurred in private hospitals (1,151 cases or 31.1%), government hospitals and agencies (1,002 cases or 27.1%), medical school hospitals (706 cases or 19.1%), and field hospitals and quarantine centers (52 cases or 1.4%). Despite being vaccinated, the infection of the medical and health workers has affected the health service system as they have to be under quarantine. Therefore, the risk should be reduced by implementing infection prevention and control in hospital measures and using the personal universal precautions by appropriate wearing and removing of personal protective equipment (PPE). More precautions should be practiced especially among personnel who have risk in contacting patients with unknown risk history, such as the emergency room, delivery room, operating room, patient transport staff, health officials who have to investigate patients or high risk contacts. In addition, all should always wash hands before and after touching every patient. These groups should receive booster immunization when it becomes available in each hospital in order to reduce the risk of infection and severe illness. It is advised that all observe themselves of suspected symptoms such as fever, cough, runny nose, sore throat, and loss of smell. If these symptoms occur, one should be tested for infection immediately. Hospitals should prepare manpower plans during this kind of emergency situation.