

Thailand situation update on 24 December 2021

## 1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
<b>Confirmed cases</b>	278,582,852	981,743	
<b>Deaths</b>	5,402,505		1.94%

## 2. The Disease Situation in Thailand

Situation	Total Number
<b>Number of new confirmed cases</b>	<b>2,671</b>
<ul style="list-style-type: none"> <li>Cases found in quarantine facilities/centers (Imported)</li> </ul>	55
<ul style="list-style-type: none"> <li>Cases found in prisons</li> </ul>	58
<ul style="list-style-type: none"> <li>Cases infected in Thailand (Local transmission)</li> </ul>	2,616
<ul style="list-style-type: none"> <li>Cases found from active case finding (Local transmission)</li> </ul>	56
<b>7-day average percentage of daily positive PCR tests (confirmed cases)</b>	<b>5.38%</b>
<b>Total number of confirmed cases</b>	<b>2,204,672</b>
<ul style="list-style-type: none"> <li>Total recovered and discharged from hospitals</li> <li>- Newly recovered and discharged from hospitals</li> </ul>	2,144,952 (97.29%) 2,766
<ul style="list-style-type: none"> <li>Undergoing treatment</li> </ul>	38,192 (1.73%)
<ul style="list-style-type: none"> <li>Deaths</li> <li>- New deaths</li> </ul>	21,528 (0.98%) 27
<b>Daily Number of new Vaccinations (Doses)</b>	<b>431,636</b>
<ul style="list-style-type: none"> <li>First dose</li> </ul>	65,502
<ul style="list-style-type: none"> <li>Second dose</li> </ul>	153,025
<ul style="list-style-type: none"> <li>Third dose</li> </ul>	216,109
<b>Total number of Vaccinations (Doses)</b>	<b>100,136,326</b>
<ul style="list-style-type: none"> <li>First dose</li> </ul>	50,204,226
<ul style="list-style-type: none"> <li>Second dose</li> </ul>	44,048,883

# The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

• Third dose	5,883,217
<b>Number of people screened at Ports of Entry</b> (Airports, Ground Ports, Seaports)	9,886,895
<b>Number of people screened when renewing their passports</b> (at the Immigration Bureau, Chaeng Watthana)	774,908

Characteristics of Deaths (21,528 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (21,434 deaths)
<b>Case Fatality Rate (CFR) in each age group</b>			
• 15 - 39 years old	0.20%	0.02%	0.09%
• 40 - 59 years old	2.10%	0.02%	0.75%
• 60+ years old	6.50%	2.60%	5.41%
• < 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 Phitsanulok Province by the secretariat office of Wat Phra Si Rattana Mahathat Woramahawihan (Wat Yai) or Wat Phra Buddha Chinnarat has announced the suspension of prayer activities throughout the year on December 31, 2021, for the second year in a row, as well as the postponement of the Luang Por Phra Phutthachinnarat celebration for the year 2022, which is normally held at the end of January also went out indefinitely to prevent the risk of the spread of COVID-19.
- Bangkok Metropolitan Administration announced the suspension of all New Year activities of all departments in all 50 districts in Bangkok. However, the private sectors that have already applied for permission must strictly follow the Covid free setting measures set by the government. Those who attend the event must provide a certificate of 2 injections of vaccination and must be tested for ATK at the event.
- The Royal College of Physicians of Thailand issued recommendations for the third dose of the mRNA COVID-19 vaccine for people with low immunity, who are at risk of being severely infected and have high chance of death, even though fully vaccinated. Those people tend to respond poorly to the COVID-19 vaccine. Therefore, additional mRNA (Pfizer or Moderna) vaccines should be considered according to the announcement of the Royal College of Physicians of Thailand.

## 4. Risk Assessment of COVID-19 Situation

According to the Global COVID-19 situation as of 22 December 2021, there were 276,589,246 infected people and 5,385,003 deaths, representing a mortality rate of 1.95%. The epidemic is currently in its fifth wave, and the number of daily infections has steadily increased over the past month, with an average of 600,000 new daily infections per day. The number of deaths has been stable since October 2021, with an average of 7,000 to 8,000 deaths per day. There are 13 countries with more than 10,000 cases reported per day including the United States, United Kingdom, France, Spain, Germany, Italy, Russia, Turkey, Vietnam, South Africa, Poland, Denmark, and Canada. For the countries with more than 100 deaths per day, there are 11 countries including the United States, Russia, Poland, Germany, Ukraine, Vietnam, France, Turkey, the United Kingdom, Italy, and Hungary, which may be due to the largely increasing number of infections in the country. However, the top 5 countries with the highest mortality rates are Saint Lucia, Guyana, Syria, Mexico, and Armenia, which are archipelagos and have less than 70 percent vaccination coverage, and may be a risk factor for its high mortality rate. In addition, more than 50 percent of countries with more than 10,000 COVID-19 cases reported per day are found to have had an outbreak of the Omicron strain through local transmission, the prevalence of outbreaks of Omicron strains. Eight countries reported are the United States, United Kingdom, Ireland, Portugal, Denmark, Belgium, the Netherlands and France, with prevalence rates of 73, 69, 66, 47, 45, 20, 13 and 10, respectively. Thus, it can be concluded that the global outbreak of COVID-19 continues to increase, with part of the outbreak being the outbreak of Omicron strains, especially in countries with high numbers of daily infection. For the mortality rate that remained relatively stable, it could be said that the virulence of the infection has begun to decline or it may be due to the country's better medical preparation.