

Thailand situation update on 21 December 2021

## 1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
<b>Confirmed cases</b>	275,868,852	802,073	
<b>Deaths</b>	5,379,022		1.95%

## 2. The Disease Situation in Thailand

Situation	Total Number
<b>Number of new confirmed cases</b>	<b>2,476</b>
<ul style="list-style-type: none"> <li>Cases found in quarantine facilities/centers (Imported)</li> </ul>	30
<ul style="list-style-type: none"> <li>Cases found in prisons</li> </ul>	47
<ul style="list-style-type: none"> <li>Cases infected in Thailand (Local transmission)</li> </ul>	2,446
<ul style="list-style-type: none"> <li>Cases found from active case finding (Local transmission)</li> </ul>	41
<b>7-day average percentage of daily positive PCR tests (confirmed cases)</b>	<b>5.70%</b>
<b>Total number of confirmed cases</b>	<b>2,196,529</b>
<ul style="list-style-type: none"> <li>Total recovered and discharged from hospitals</li> <li>- Newly recovered and discharged from hospitals</li> </ul>	2,136,197 (97.25%) 3,649
<ul style="list-style-type: none"> <li>Undergoing treatment</li> </ul>	38,892 (1.77%)
<ul style="list-style-type: none"> <li>Deaths</li> <li>- New deaths</li> </ul>	21,440 (0.98%) 32
<b>Daily Number of new Vaccinations (Doses)</b>	<b>342,996</b>
<ul style="list-style-type: none"> <li>First dose</li> </ul>	65,999
<ul style="list-style-type: none"> <li>Second dose</li> </ul>	120,712
<ul style="list-style-type: none"> <li>Third dose</li> </ul>	156,285
<b>Total number of Vaccinations (Doses)</b>	<b>98,738,273</b>
<ul style="list-style-type: none"> <li>First dose</li> </ul>	49,978,501
<ul style="list-style-type: none"> <li>Second dose</li> </ul>	43,563,325

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by Emergency Operations Center, Department of Disease Control

• Third dose	5,196,447
<b>Number of people screened at Ports of Entry</b> (Airports, Ground Ports, Seaports)	9,848,483
<b>Number of people screened when renewing their passports</b> (at the Immigration Bureau, Chaeng Watthana)	770,457

Characteristics of Deaths (21,440 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (21,346 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%	5.40%
• < 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 Food and Drug Administration has approved an expansion of the indications for Pfizer's Comirnaty vaccine for children aged 5-11 years, with the vaccination dose reduced to one-third (10 micrograms) of people aged 12 years and older.
- The Prime Minister's Office has ordered the Ministry of Public Health to consider implementing more stringent measures for people arriving from high-risk countries to prevent the spread of COVID-19 Omicron Variant but not to affect the measures to open additional travel areas in 2022.
- Center for COVID-19 Situation Administration (CCSA) emphasized entrepreneurs to strictly follow Covid Free Setting measures and ask people to help monitor. Any dark and crowded stores or people who do not comply with the measures, such as not wearing masks claiming that they are already fully vaccinated, is still considered illegal and could be fined not more than 20,000 baht.

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

From the analysis of the COVID-19 situation in the past week (14-20 December 2021), it was found that there were 22,009 new cases with more than 99% being in-country infection, 94% being Thai citizens, and male and female patients ratio being 1:1.04. As for



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the risk factors of infected people at the national level that were reported, it was found that most of them were infections from infected person contacting accounted for 46.21%, followed by family exposure, community exposure, and workplaces exposure accounted for 18.48%, 12.90 and 9.81 percent, respectively, and the top five provinces with the highest infection rate within past 7 days are Bangkok, Nakhon Si Thammarat, Chonburi, Samut Prakan, and Songkhla with their and also other provinces' risk factors ranked according to the national risk factors ranking. Therefore, it may be concluded that contact infection remains the main factor in the spread of infection. Some of these cases were diagnosed by ATK and were re-inspected by PCR at the hospital after learning that their contacts had been infected while another were reported from the proactive contact searching, indicated that a strong investigation has helped to limit the spread of the virus. For the percentage of cases with a history of traveling from abroad in the top five provinces with the highest infections in the past seven days was 1.71%, while other provinces were 0.4%, therefore, as the world is aware of the Omicron strain of COVID-19, some cases of this strain may be found in the country, especially in the provinces where there is a large number of cases with a history of traveling from abroad.