

Thailand situation update on 27 December 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	280,377,526	496,198	
Deaths	5,418,421		1.93%

2. The Disease Situation in Thailand

Situation	Total Number
Number of new confirmed cases	2,437
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	92
<ul style="list-style-type: none"> Cases found in prisons 	18
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	2,307
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	20
7-day average percentage of daily positive PCR tests (confirmed cases)	4.99%
Total number of confirmed cases	2,212,407
<ul style="list-style-type: none"> Total recovered and discharged from hospitals - Newly recovered and discharged from hospitals 	2,156,373 (97.47%) 3,845
<ul style="list-style-type: none"> Undergoing treatment 	34,436 (1.55%)
<ul style="list-style-type: none"> Deaths - New deaths 	21,598 (0.98%) 18
Daily Number of new Vaccinations (Doses)	0
<ul style="list-style-type: none"> First dose 	0
<ul style="list-style-type: none"> Second dose 	0
<ul style="list-style-type: none"> Third dose 	0
Total number of Vaccinations (Doses)	102,301,954
<ul style="list-style-type: none"> First dose 	50,956,447
<ul style="list-style-type: none"> Second dose 	45,202,632

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• Third dose	6,142,875
Number of people screened at Ports of Entry (Airports, Ground Ports, Seaports)	9,924,359
Number of people screened when renewing their passports (at the Immigration Bureau, Chaeng Watthana)	776,496

Characteristics of Deaths (21,598 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (21,504 deaths)
Case Fatality Rate (CFR) in each age group			
• 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)			
Percentage of COVID-19 deaths that consist of elderly patients, patients with underlying diseases including obesity, or pregnant patients			
	64%	100%	90%

3. Thailand Implementations

- Siriraj Hospital is opened to the public for reserving the date and time of the COVID-19 vaccination of Pfizer 1 dose, 2 dose and 3rd dose, starting on December 27, 2021 at 12:00 pm with the following conditions: 1. The 1st dose (PZ1) for people aged between 12 - 17 years old 2. The 2nd dose (PZ2) for those who have received PZ1 for at least 3 weeks or AZ1 for at least 4 weeks. 3. The 3rd dose (PZ3) for those who have completed of AZ1 - AZ2 formula for at least 12 weeks.
- The Religious Affairs Department invited everyone to enjoy watching live broadcast of the online chanting ceremony for the new year activities to avoid the spread of Omicron variant and enhance prosperity throughout the new year of 2021. This activity will be held on December 31, 2021 via TV stations and various online media from 10:30 P.M. onwards.
- The Governor of Bangkok has prepared the 4th dose of COVID-19 vaccination to boost immunity. The target groups that must receive the 4th dose of vaccine are as follows: 1. Medical and public health personnel; 2. frontline workers. 3. Patients with chronic diseases with low immunity or who take immunosuppressant drugs. BMA already has a database of services sites of these target groups. When the guidelines from the Department of Disease Control, Ministry of Public Health are announced,



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the BMA can allocate vaccines to vaccination service points and plan vaccinations immediately.

4. Risk Assessment of COVID-19 Situation

From the omicron strain COVID-19 epidemic situation monitoring, it was found that from December 6 to December 26, 2021, Thailand has detected 227 cases of Omicron strains, which is constantly increasing. Over the past week, an average of 28 cases of the virus have been identified daily, most of these cases being males, with male-female ratio of 108:1. and the average age of the patients being 33 years-old. Still, the vast majority of the cases are those in the age group over 60, which is considered at-risk, and those with a history of traveling from abroad. There are also outbreaks of omicron strains in several clusters, particularly in restaurants and pubs, with the vast majority of people infected with the strain showing few or no symptoms. For cases that show symptoms, most of them have a cough, sore throat, fever, muscle aches, runny nose, headache, difficulty breathing and a decreased sense of smell, while the symptoms of those infected with the Delta strain include headache, sore throat, and runny nose. The severity of the Omicron strain is less than the Delta strain. The hospitalization rate of Omicron infected cases are less than the hospitalization rate of Delta infected cases (60%). In addition, the information of Newsnodes.com reports that 188,010 Omicron cases have been reported worldwide with 32 deaths on December 27, 2021 (0.02% of mortality rate) While the mortality of Delta strains were 1.98%. Therefore, it can be concluded that the infection of Omicron strain will be less severe than the Delta strains. However, the Omicron strain can spread quickly and it needs to be monitored, prevented and controlled continuously. It is necessary to emphasize on compliance with preventive measures such as wearing a double-layer mask. Moreover, it may have a lot of travel across provinces during long holidays, especially traveling between provinces in the northern, central and northeastern regions. This will be a chance of spreading to other provinces and cause of a major outbreak as the outbreak during the past July.