

Thailand situation update on 23 December 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	277,601,109	946,664	
Deaths	5,396,075		1.95%

2. The Disease Situation in Thailand

Situation	Total Number
Number of new confirmed cases	2,940
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	57
<ul style="list-style-type: none"> Cases found in prisons 	53
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	2,883
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	125
7-day average percentage of daily positive PCR tests (confirmed cases)	5.41%
Total number of confirmed cases	2,202,001
<ul style="list-style-type: none"> Total recovered and discharged from hospitals - Newly recovered and discharged from hospitals 	2,142,186 (97.28%) 3,191
<ul style="list-style-type: none"> Undergoing treatment 	38,314 (1.74%)
<ul style="list-style-type: none"> Deaths - New deaths 	21,471 (0.98%) 31
Daily Number of new Vaccinations (Doses)	407,346
<ul style="list-style-type: none"> First dose 	65,711
<ul style="list-style-type: none"> Second dose 	143,595
<ul style="list-style-type: none"> Third dose 	198,040
Total number of Vaccinations (Doses)	99,632,674
<ul style="list-style-type: none"> First dose 	50,126,333
<ul style="list-style-type: none"> Second dose 	43,870,513

The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

• Third dose	5,635,828
Number of people screened at Ports of Entry (Airports, Ground Ports, Seaports)	9,872,611
Number of people screened when renewing their passports (at the Immigration Bureau, Chaeng Watthana)	773,564

Characteristics of Deaths (21,501 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (21,407 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

- The Centre for Covid-19 Situation Administration (CCSA) resolved to hold a countdown event but the event must be held under conditions set by the Ministry of Public Health, for example, all participants must undergo an ATK examination before entering the area and setting the area in the work must be spaced 4 square meters per person, etc. and asked for cooperation from the security department to take care of the place as strictly as possible.
- The Bangkok Metropolitan Administration (BMA) has ordered 50 district offices to prepare emergency operations centers, district offices (EOC) to prevent and control the situation of Covid-19 in the Bangkok area, and instructed all district offices to visit the area to ask for cooperation from entrepreneurs to comply with Covid Free Setting measures, especially during the end of the new year period.
- The Prime Minister's Office emphasized on the public health departments and police officers to increase the frequency and intensity of surveillance and tracking of people entering Thailand, also campaigns to make 2022 the year of booster vaccination or the 4th dose for Thai people, and the year that starts vaccination for children aged 5-11 as voluntarily.

4. Risk Assessment of COVID-19 Situation

The total cumulative number of people arriving in the Kingdom of Thailand between 1-20 December 2021 is 171,780 people, which has a tendency to increase since November 2021, especially air traveling, and when categorizing the channels of entry on a weekly basis. From November 8 to December 20, 2021, it was found that number of people traveling via ships and crossing land borders was relatively stable, at 3,600 and 42,000 a week, respectively. However, the number of air travel into the country increased markedly since 28 November 2021, and there are an average of 5,600 people per day arriving in the country by plane in the last 2 weeks. The top 10 countries with the most arrivals are Germany, the United Kingdom, Russia, the United States, France, Sweden, Singapore, the United Arab Emirates, India, and Norway. Presently, the Omicron strain of COVID-19 has spread in more than 85 countries with more than 17,514 cases have been reported, with the top 10 countries reporting the cases including the United Kingdom, South Africa, the United States, Canada, Australia, Bossavana, Denmark, Germany, Norway and the Netherlands, which nearly half of these countries has the highest number of people who travel to Thailand. Also, the analysis of Omicron strains of COVID-19 cases found that the vast majority of people who have been infected with the strain come from the United Kingdom and the United States, where the virus is highly reported as well as the local transmission, therefore, there may be a higher chance of being infected with Omicron strain virus among those traveling from these countries than other countries. Therefore, strict surveillance among those traveling from these countries may be carried out, and testing for the virus from sewage sources on planes originating from these countries will help in more vigilance.