

Thailand situation update on 22 December 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	276,654,445	785,593	
Deaths	5,378,133		1.95%

2. The Disease Situation in Thailand

Situation	Total Number
Number of new confirmed cases	2,532
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	31
<ul style="list-style-type: none"> Cases found in prisons 	48
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	2,491
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	50
7-day average percentage of daily positive PCR tests (confirmed cases)	5.68%
Total number of confirmed cases	2,199,061
<ul style="list-style-type: none"> Total recovered and discharged from hospitals - Newly recovered and discharged from hospitals 	2,139,388 (97.29%) 3,191
<ul style="list-style-type: none"> Undergoing treatment 	38,202 (1.73%)
<ul style="list-style-type: none"> Deaths - New deaths 	21,471 (0.98%) 31
Daily Number of new Vaccinations (Doses)	357,535
<ul style="list-style-type: none"> First dose 	60,247
<ul style="list-style-type: none"> Second dose 	117,954
<ul style="list-style-type: none"> Third dose 	179,334
Total number of Vaccinations (Doses)	99,158,705
<ul style="list-style-type: none"> First dose 	50,049,360
<ul style="list-style-type: none"> Second dose 	43,703,365

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• Third dose	5,405,980
Number of people screened at Ports of Entry (Airports, Ground Ports, Seaports)	9,860,453
Number of people screened when renewing their passports (at the Immigration Bureau, Chaeng Watthana)	772,077

Characteristics of Deaths (21,471 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (21,377 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%	5.40%
• < 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) has resolve suspend travel of tourist into the Kingdom of Thailand and additional registration is not allowed until the assessment meeting on 4 Jan 2022 during this time the Test and Go measures will be canceled with a 7-day quarantine effective immediately until 4 Jan 2022.
- Khon Kaen emphasized on all sectors to monitor, prevent, and control the epidemic of COVID-19 especially during this new year festival. People are also requested to strictly follow the measures of the province by wearing a mask every time when staying outside the house.
- Chiang Mai announced measures to prevent COVID-19 during the new year festival 2022, by emphasizing the measures to prevent personal disease (DMHTTA). The restaurants in 5 pilot tourist districts are required to pass the COVID Free Setting assessment in order to serve alcoholic beverages in the shop.

4. Risk Assessment of COVID-19 Situation

From the analysis of the situation, the number of infected people with a history of traveling from abroad between November 2 and December 21, 2021 were 826 cases. The number of cases with a history of weekly international travel began to rise about 10-20 cases more than the previous week. The majority of these cases enter the kingdom by Test and Go



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program. It is about 40% of all cases with a history of arriving from abroad followed by the country entering with a quarantine program (37.17%), Sandbox scheme (13.68) and checkpoint screening (4.84) respectively. The average age of these infected cases was 37 years (11 months–83 years). The sex ratio of male and female was 1.57:1 and 45.38% were Thai nationals followed by British (7.75%), Russian (6.63%), American (4.63%), German (4.38%) and Burmese (3.5%) respectively. The province that reports the most infections is Bangkok. (31.72%) followed by Phuket (18.89%), Sa Kaeo (15.25%), Chonburi (9.08%) and Samut Prakan (7.75%) respectively. From the analysis of COVID-19 situation of Omicron strains between December 1 and December 21, 2021, 63 infected cases with Omicron strains were found. It is about 10% of the total number of cases who had a history of traveling from abroad. The majority entered the Kingdom by Test and Go program (78.57%) of all Omicron COVID-19 cases, followed by quarantine program (11.90%) and Sandbox scheme (4.76%) respectively. The infected people with the Omicron strain have also traveled from countries that have reported cases of mentioned strain. Most of them are coming from the UK followed by the United States and Saudi Arabia. It can be concluded that the current trend of finding infected people with a history of traveling from abroad is increasing. This may be due to increased travel into the country. In addition, all infected cases with the original and new strain were often detected as an entry by the Test and Go program because it is the most country entering channel. The provinces where both strains of infection are found, it is the province that has a large number of travelers coming in. Therefore, strict screening or quarantine for these travelers may be required especially for Thai travelers who have a large number of arrivals.