

Thailand situation update on 2 January 2022

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	289,745,765	1,153,585	
Deaths	5,458,379		1.88%

2. The Disease Situation in Thailand

Situation	Total Number
Number of new confirmed cases	3,112
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	149
<ul style="list-style-type: none"> Cases found in prisons 	2
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	2,896
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	65
Total number of confirmed cases	2,229,558
<ul style="list-style-type: none"> Total recovered and discharged from hospitals 	2,174,730 (97.54%)
<ul style="list-style-type: none"> - Newly recovered and discharged from hospitals 	2,921
<ul style="list-style-type: none"> Undergoing treatment 	33,108 (1.49%)
<ul style="list-style-type: none"> Deaths 	21,720 (0.97%)
<ul style="list-style-type: none"> - New deaths 	12
Total number of Vaccinations (Doses)	102,303,083
<ul style="list-style-type: none"> First dose 	50,956,447
<ul style="list-style-type: none"> Second dose 	45,202,632
<ul style="list-style-type: none"> Third dose 	6,144,004
Number of people screened at Ports of Entry (Airports, Ground Ports, Seaports)	9,989,657
Number of people screened when renewing their passports (at the Immigration Bureau, Chaeng Watthana)	780,116

The Coronavirus Disease 2019 Situation

by Emergency Operations Center, Department of Disease Control

Characteristics of Deaths (21,720 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (21,626 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%	5.37%
• < 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 Ministry of Public Health has cooperated with the community leaders, village health volunteers and spirit volunteers to set up community checkpoints and public service checkpoints at Pak Chong District, Nakhon Ratchasima Province on the road accident reduction campaign during the New Year Festival 2022. The checkpoints have also provided the ATK testing for COVID-19 screening, masks and alcohol gel and promoted the self protection to reduce the spread of COVID-19 . The gift baskets have been given for encouragement of staff on duty.
- Nonthaburi Provincial Public Health Office has announced an invitation for the “Nonth-Kids Vaccination” and the registration for Pfizer vaccination in children aged 5 to 11 years 11 months and 29 days. The service is only for those who study in Nonthaburi or whose house registration is in Nonthaburi.
- Bamrasnaradura Infectious Disease Institute (BIDI) has open the 3rd dose service of Pfizer on AstraZeneca vaccines from January 2 to 27, 2022. Register people can receive the service at Achara Auditorium, BIDI, from January 4, 2022.

4. Risk Assessment of COVID-19 Situation

The situation of infected cases with Covid-19 Omicron variant, as of December 29, 2021, there have been 739 confirmed cases, of which 479 cases were travelers from overseas, 247 cases were infected within the country, and 13 were unspecified. Among the infected 17.57%), Samut Prakan (6.90%), Surat Thani (3.97%), and Chonburi (3.56%). Among the people from abroad, 33.61% were Thais followed by British, American, and French at 17.54%, 10.23% and 3.34% respectively. The male and female ratio was 1.16:1. The mean age was 36.90 years. The percentage of cases according to the age group were 31 - 40 years (24.84%), followed by 21 - 30 years (19.21%), 41 - 50 years (14.41%), 51 - 60



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years (12.94%), over 60 years (9.60%), 11 - 20 (7.52%) and less than 10 years (3.97%). The top five countries with the highest Omicron cases were the United Kingdom (20.04%), the United States (14.20%), France (5.64%), the United Arab Emirates (5.22%), and Saudi Arabia (4.80%). In Thailand, there have been more than 20 infected cases coming from these five countries. The top five provinces that have treated the Omicron infected people were Bangkok (36.19%), Phuket (17.57%), Samut Prakan (6.90%), Surat Thani (3.97%), and Chonburi (3.56%).

Among the 247 Omicron domestic infected cases, the mean age was 25.12 years (3 - 69 years). Most of them were in the 21 - 30 years old (48.58%), followed by 11 - 20 years (23.89%), 31 - 40 (9.71%), and 41 - 50 years (5.26%). The male to female ratio was 1:1.06. More than 60% of the cases have a history of attending parties at restaurants and entertainment venues and most were in the age group 21 - 30 years old. Moreover, the Omicron variant has also been transmitted to people in contact with the previous confirmed cases from traveling to other provinces, spreading to friends or household members, and medical personnel, respectively. More than 16 provinces have reported cases of the Omicron variant infection. Kalasin province has the highest Omicron cases (107 cases), the epicenter of the Omicron outbreak which has spread to adjacent provinces in the Northeastern region, including Roi-Et, Maha Sarakham, and Khon Kaen. These four provinces had the highest infected cases. In addition, there have been sporadic cases of Omicron variant in Chiang Rai and Loei provinces that the infected cases have a history of contact with previous confirmed cases.

Therefore, it can be concluded that currently Thailand has found Omicron variant infected cases of COVID-19 both among people who travel from abroad and domestic infections. Most infected people have traveled from countries with a lot of Omicron outbreaks and there are many people coming to Thailand. The center of the outbreaks is in the Northeastern region and has spread to adjacent provinces, including tourism provinces. Most infected people are college students and working age adults. During the New Year Festival, it is forecasted that the number of infected people will increase but there will be a slight increase of reported cases because these age groups usually have mild or asymptomatic symptoms. The main risk factors are banquets, events, or gathering activities. It is also forecasted that the disease will spread in all provinces across the country from the public traveling during the long holidays as well.