

Thailand situation update on 28 December 2021

1. International Situation

	Total Number	Daily Increase	Case Fatality Rate (CFR)
Confirmed cases	281,914,360	1,536,834	
Deaths	5,423,697		1.92%

2. The Disease Situation in Thailand

Situation	Total Number
Number of new confirmed cases	2,305
<ul style="list-style-type: none"> Cases found in quarantine facilities/centers (Imported) 	95
<ul style="list-style-type: none"> Cases found in prisons 	54
<ul style="list-style-type: none"> Cases infected in Thailand (Local transmission) 	2,116
<ul style="list-style-type: none"> Cases found from active case finding (Local transmission) 	40
7-day average percentage of daily positive PCR tests (confirmed cases)	5.18%
Total number of confirmed cases	2,214,712
<ul style="list-style-type: none"> Total recovered and discharged from hospitals - Newly recovered and discharged from hospitals 	2,159,443 (97.50%) 3,070
<ul style="list-style-type: none"> Undergoing treatment 	33,639 (1.52%)
<ul style="list-style-type: none"> Deaths - New deaths 	21,630 (0.98%) 32
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)	9,935,761
Number of people screened when renewing their passports (at the Immigration Bureau, Chaeng Watthana)	777,938

Characteristics of Deaths (21,630 deaths)	Wave: 1 Jan - 14 Dec 2020 (60 deaths)	Wave: 15 Dec 2020 - 31 Mar 2021 (34 deaths)	Wave: 1 April 2021 - now (21,536 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

- Icon Siam has joined the Tourism Authority of Thailand (TAT), Bangkok Metropolitan Administration (BMA), the Harbor Department, the Thai Chamber of Commerce, the Thai Boat Association, the Chao Phraya River Business Trade Association and the Community in Kadi-Jean-Khlongsan area have organized the New Year's Eve celebration to welcome the new year Amazing Thailand Countdown 2022. The hygiene and safety standard under the COVID Free Setting measure has been raised to the highest level whilst the event organizing has been in accordance with the Center of COVID-19 Situation Administration (CCSA)'s guidance.
- Ladlumkaew Hospital, Pathum Thani Province has announced the "Walk-In" Pfizer Vaccination service on December 27, 2021. There will be 2 rounds of service: for 400 people in the morning from 8.30 hours for 400 people and in the afternoon from 12.30 hours for 200 people.
- The Ministry of Public Health together with the Department of Disaster Prevention and Mitigation, the Royal Thai Police, Thai Health Promotion Foundation, and Don't Drive Drunk Foundation has conducted the campaign to reduce accidents in the New Year Festival 2022 under the concept of "New normal life-Drive safely-No accident: Drive don't drink - Drink don't drive" by emphasizing on measures of "Don't get drunk, Wear a helmet, Wear a mask". They also have set up the community checkpoints to screen drunk people and not allow them to drive on the roads, prepared the rescue teams and hospitals for patients from accidents, and coordinated with the police to patrol the quarrel in the hospitals.

4. Risk Assessment of COVID-19 Situation

From the surveillance of SARS-CoV-2 infection among medical personnel from January 1, 2020 to December 24, 2021, it was found that there were at least 4,936 cases, divided into 117 cases in the first wave (January 1 - December 14, 2020) , 49 cases in the second wave (December 15, 2020 - March 31, 2021), and 4,770 cases in the April wave (April 1, 2021 - present). The number of infected health care providers has begun to decline during July to September 2021 and has been stable since then. In the past 2 months, there has been an average of 140 cases per week. The majority of cases in the April wave was female (74.09%) in the age range of 20 - 39 years (66.21%). In addition, since the beginning of the pandemic, there have been 48 medical personnel deaths. One death occurred during the second wave, accounting for a Case Fatality Rate (CFR) of 2% whilst the 47 deaths were from the April wave, representing a CFR of 0.99%. The highest number was found during July to August 2021 and has continued to decline since then. This may be due to the decreasing trend of the total number of infected people in the present. As a result, the risk of infection among health care providers is also reduced. According to the analysis of the data, it was found that 68.70% of the infected health care providers were the front line workers or those who must have activities that involve meeting or contracting the patients. The death toll drop may also be a result of increased coverage of COVID-19 vaccination in this group. However, to cope with the Omicron variant , it is therefore necessary to provide a booster dose of COVID-19 vaccine to this group of personnel and should be implemented as quickly as possible.