

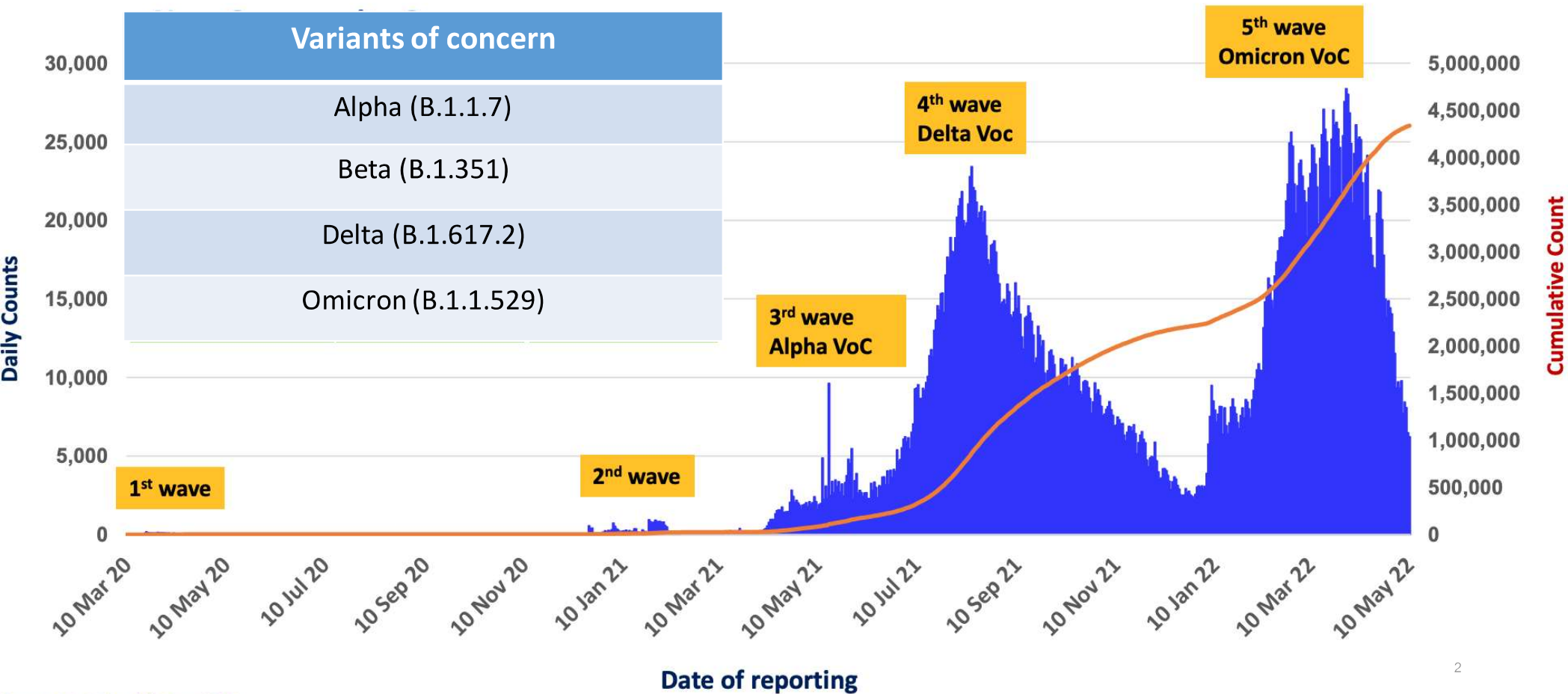
# **SARS-CoV-2 infection rate among pediatric patients with respiratory tract symptoms**

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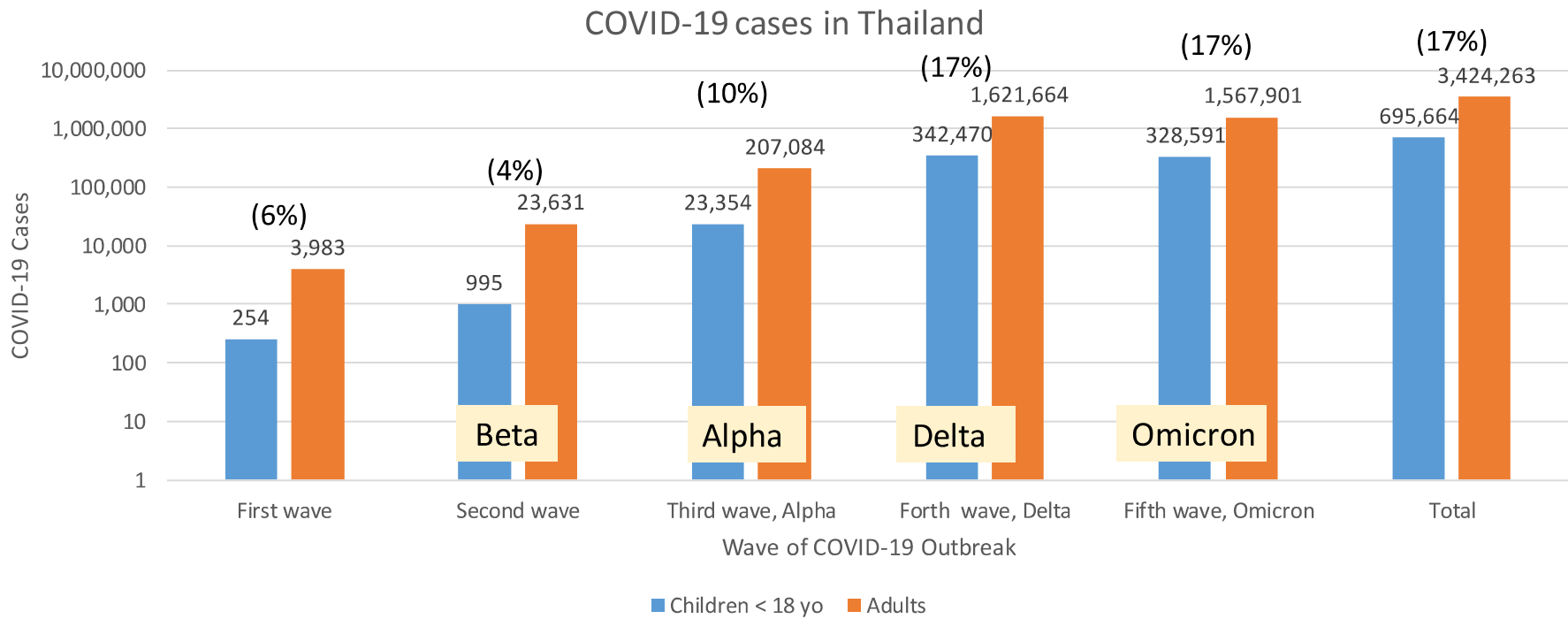


# Background



Source MoPH to 10 May 2022

# Background



**First wave:** Jan 1-Dec 14, 2020; **Second wave:** Dec 15, 2020-Mar 31, 2021; **Third wave, Alpha:** Apr 1 – June 30, 2021; **Forth wave, Delta** July 1 – Dec 31, 2021; **Fifth wave, Omicron** Jan 1 – May 1, 2022

# Objectives

## **Primary objective:**

- To determine SARS-CoV-2 infection rate among pediatric patients with respiratory tract symptoms

## **Secondary objectives:**

- To identify risk factors of COVID-19 infection and severity in pediatric patients
- To describe clinical manifestations, complications, and outcomes of pediatric patients with COVID-19 infection

# Methods

**Study design:** prospective cross-sectional study

## **Inclusion criteria**

- Patients aged 0- 18 years
- Presenting with respiratory tract symptoms from October 2020 to December 2021
- Inform consent signed

## **Exclusion criteria**

- No consent form

## **Data collections**

Demographic data:

- Age, sex, weight/height, underlying disease

Epidemiological data:

- Risk of COVID-19 exposure
- Reason for testing: PUI, non PUI

Clinical, laboratory, and treatment data:

- Clinical data
- Diagnosis for COVID-19 (RT-PCR)
- Laboratory investigations
- Clinical severity
- Treatment and complications
- Clinical outcomes: At 1-3 months after discharge