

Viet Nam COVID-19 Situation Report #104

Epidemiological report as of 4 December 2022, 18:00

Situation Summary

Cumulative numbers from 25 Jan 2020 – 4 Dec 2022

 11,517,722 Cases (63/63 provinces)	 10,608,922 (92.3%) Recovered	 43,177 (PFC 0.4%) Deaths	 ~46 M Lab. Tests	 264,720,297 Vaccine doses administered
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Highlights from Current Community Outbreak (from 27 April 2021 to 4 Dec 2022)¹

- The daily trend of cases has been plateauing in the past four weeks, with the number fluctuating between 200 to 600 cases reported per day, nationally.
- During the past four weeks (from 7 Nov to 4 Dec), a total of 11,872 new cases and 17 new deaths were reported. Compared with the previous four weeks, there is a decrease of 32.2% in the number of new cases, decreased two deaths. The 7-day moving average of cases was 456 (increased 4%); increased six deaths compared to the previous week.
- The **Omicron** variant of concern (VOC) is accounting for 84% among the sequences uploaded from Viet Nam into the global reporting platform (GISAID) since it was first reported in country in December 2021 (4,621 out of 5,474 sequences).
- There is **no current evidence of strain on the healthcare system** even though a slight increase in the number of severe cases was observed in the past month. The 7-day moving average of severe cases was 115 as of 4 December
- **Cumulatively** from April 2021 to 4 Dec 2022, **11,514,870 cases** have been reported including **43,142 deaths** (PFC 0.4%) from 63 cities/provinces. The number of recovered cases is 10,606,105 (92.1%). [See Figures 1 and 2.](#)
- Five (5) cities/ provinces with highest case number reported include: Ha Noi (1,635,141 cases, 1,235 deaths, PFC 0.08%); HCMC (622,041 cases, 20,475 deaths, PFC 3.31%); Hai Phong (533,599 cases, 138 deaths, PFC 0.03%), Nghe An (499,597 cases, 145 deaths, PFC 0.03%) and Bac Giang (390,101 cases, 92 deaths, PFC 0.02%).
- Continuous multisource surveillance especially using trends in hospital admissions for severe and critical cases, reports of deaths and EBS are recommended.

¹ For updates before 7 Nov 2022, refer to previous Sitreps. While epidemiological figures are as of 4 Dec, other information may cover beyond this cut-off date.

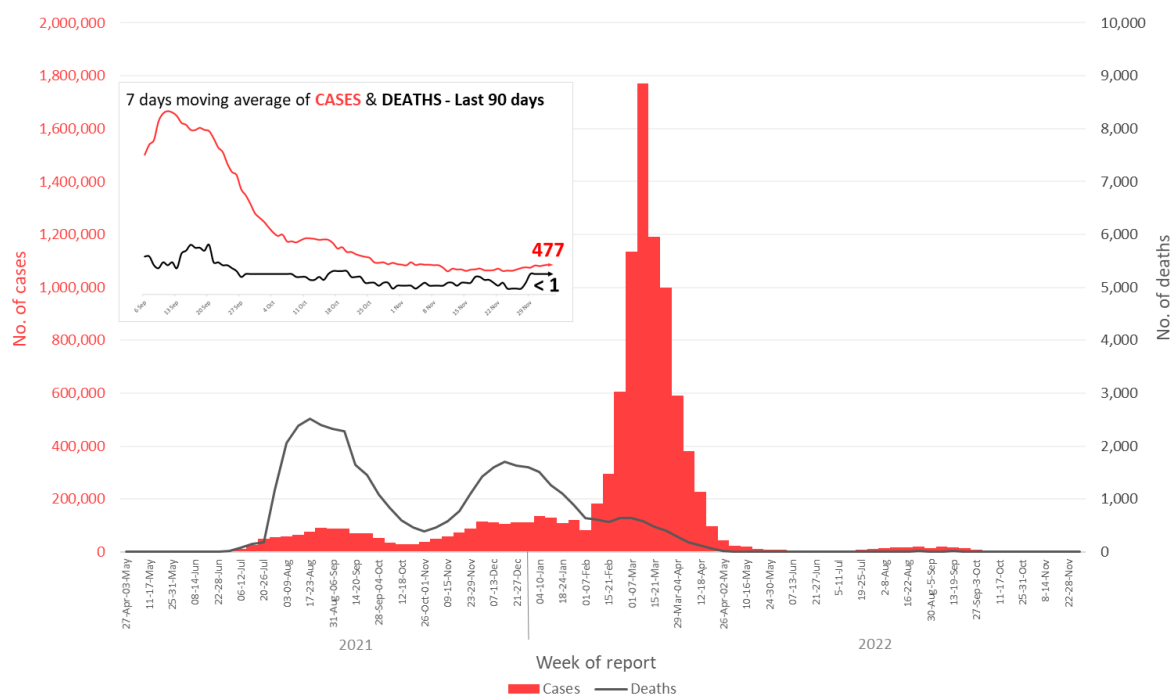


Figure 1. Epidemic curve of COVID-19 laboratory confirmed cases and deaths by week of reporting for the current outbreaks, from 27 Apr 2021 – 4 Dec 2022, Viet Nam²

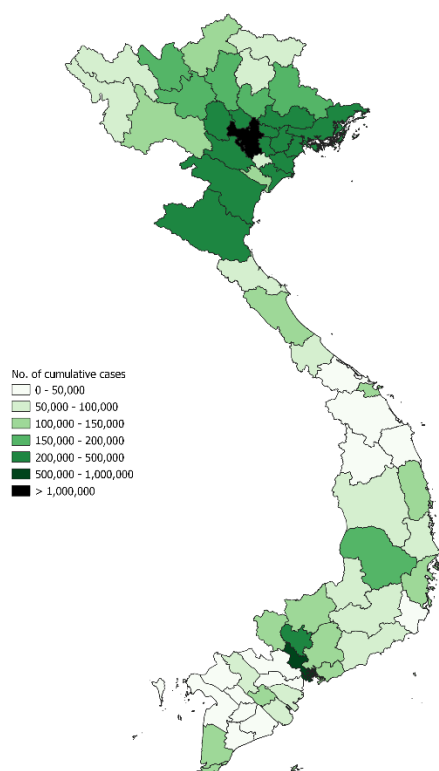


Figure 2a. Distribution of COVID-19 cumulative confirmed cases by province, 27 Apr 2021 – 4 Dec 2022, Viet Nam

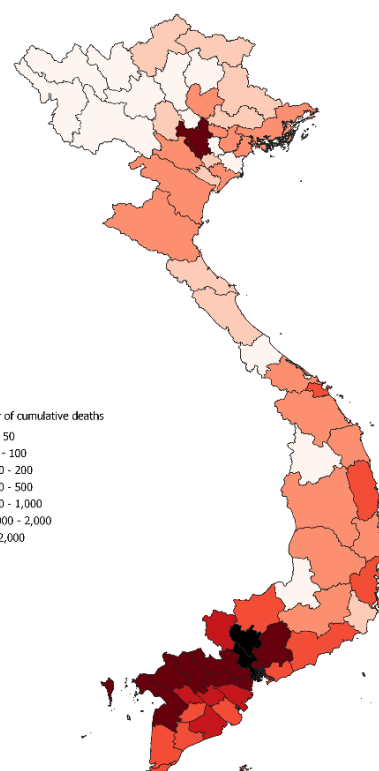


Figure 2b. Distribution of COVID-19 cumulative deaths by province, 27 Apr 2021 – 4 Dec 2022, Viet Nam

² Figures excluded the most recent backlogs of cases reported.

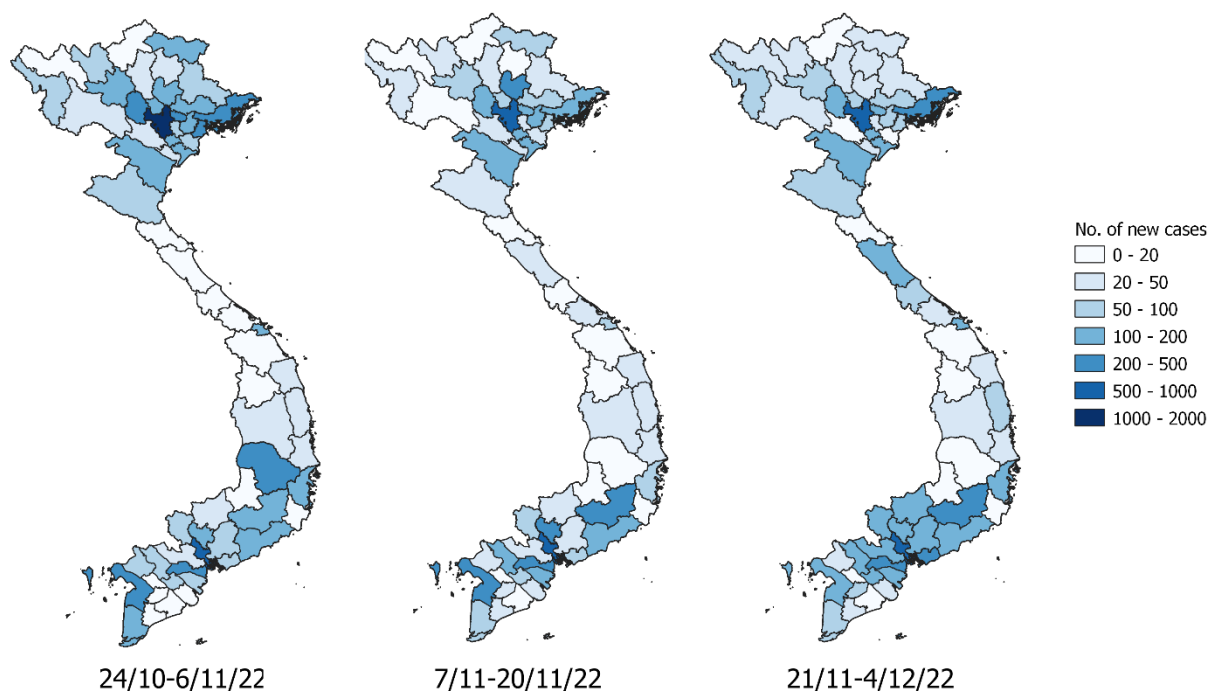


Figure 2c. Distribution of COVID-19 confirmed cases by province in recent weeks, Viet Nam

Age and sex distribution of COVID-19 cases: Analysis from 10,305,554 cases shows that ages of cases range from 2 months to 100 years old. About 48.5% of all cases are in the 30-69 years old age group, 3.8% are above 70 years old, and the remaining 47.7% are under 30 years old. The proportion of males vs females is 45.2% vs 54.8%.

For more details, visit: [COVID-19 Dashboard](#) of the General Department of Preventive Medicine (GDPM)/MOH.

Cumulatively from Jan 2020 to 4 Dec 2022, Viet Nam has reported a total cumulative number **11,517,722** laboratory confirmed cases from all 63 provinces including **43,177 deaths (PFC 0.4%)**.

❖ Vaccine supply and vaccination (See Annex 1)

- As of 4 December 2022, a total of **259,416,288 doses of COVID-19 vaccines have arrived in Viet Nam**. In which: COVAX: 69,974,942 doses; donation from countries: 55,786,000 doses; and bilateral procurement: 133,655,346 doses (about 300,000 doses received in the last month).
- As of 4 December 2022, a total of **264,720,297 doses have been administered** (more than 2.4 million doses administered in the last month): 90,360,173 people from 5 years and above got **first dose (92.0% of total population)** and number of people from 5 years and above completed **second dose** has reached 85,272,363 (**86.9% of total population**). There are 12,984,155 immunocompromised people and high-risk people got additional dose and 57,385,182 people who are **fully vaccinated and got initial booster dose (58.5% of total population or 71.5% of target population from 12 years old and above)**. There are 17,204,820 people got **second booster dose (17.5% of total population)**.
- As of 4 December 2022, a total of 9,126,900 adolescents **12-17 years of age got first dose (~100%)** and 8,946,709 **got full doses (~100%)**. **65.5%** of this age group (5,750,158 adolescents) got initial booster dose.
- As of 4 December 2022, 10,154,603 children **5-11 years old vaccinated with first dose (85.6% of targeted children)** and 7,637,929 children get **full dose (64.4% of targeted children)**.
- To date, nine vaccines in Emergency Use Authorization by NRA of Viet Nam: AstraZeneca, Pfizer, Moderna, Johnson & Johnson (Janssen), Sinopharm BIBP, Sputnik V, and Hayat-Vax COVID-19 (Sinopharm manufacturing site), Abdala and Covaxin (produced by Bharat Biotech International Limited, India).

❖ **Government direction and key public health and social measures (PHSM)**

- **8 Nov** – The Deputy Prime Minister (DPM) Vu Duc Dam chaired a meeting with the MOH, MOET, MOIC and Office of the Government on COVID-19 vaccination plan. The DPM requested MOH in collaboration with relevant ministries to speed up COVID-19 vaccination for children from 5 to under 12 years old [\[EBS\]](#)
- **29 Nov** – The Government issued a notification on the Prime Minister's conclusion from the virtual National Steering Committee for COVID-19 Prevention and Response, held on 6 Nov. The Prime Minister ordered: (i) MOH to take the lead and in collaboration with relevant ministries to evaluate the implementation of the Government's Resolution No. 128 on "Safe adaptation, flexible and effective control of COVID-19" as well as evaluation of COVID-19 prevention and response activities from 2020-2022; (ii) MOH to continue to accelerate COVID-19 vaccination and ensure adequate vaccine for cities/provinces; (iii) Ministries and localities to work together to tackle the issues of inadequate drugs, medical supplies and equipment for outbreak prevention and response; and (iv) Ministry of Information and Communication to direct mass media to enhance communication for public to maintain trust and adherence to preventive measures.
- **30 Nov** – The Prime Minister chaired a virtual meeting on "vaccine diplomacy". The Prime Minister ordered Viet Nam to continue to promote "vaccine diplomacy" and vaccination activities, especially vaccination for high-risk groups and other target groups as per the MOH's regulations in a safe and effective manner; the country also to continue to promote research and technology transfer on vaccine production. At the meeting, the Vice Minister for Health requested the Chairmen of the City/Provincial People's Committees, ministries, and relevant stakeholders to direct COVID-19 vaccination activities, especially the provinces and cities with low vaccination coverage for children from 12 to under 18 years old and children from 5 to under 12 years old [\[EBS\]](#).

❖ **Laboratory testing**

- As of 5th December 2022, approximately 46 million RT-PCR tests (both single and pooled samples) have been conducted since Jan 2020. For the current outbreak, approx. more than 40 million RT-PCR tests (both single and pooled samples) have been conducted.
- **Whole Genome Sequencing:** As of 5th December, Viet Nam has uploaded a total of 7,633 SARS-CoV-2 sequences to the GISAID platform (since the beginning of the pandemic), 436 additional sequences have been uploaded since the last Sitrep (since November 21st) and of those 425 sequences represent the Omicron VOC. Of the 5,474 sequences uploaded from 24 Dec 2021 to date, 4,621 sequences (84%) were Omicron.
- Currently, there are 403 confirmatory laboratories for COVID-19 by RT-PCR established in country (167 from Northern region, 40 from Central-coastal region, 9 from Central-highland region, and 187 from Southern region).

❖ **Case management**

- As of **4 December, 3,875 COVID-19 cases** (17.3% decreased from previous sitrep) are being isolated, monitored, or treated in the country. Of those, **58 severe/critical cases are requiring oxygen**, this includes **47 cases in non-invasive ventilation, 11 cases with invasive ventilation**, and no cases under ECMO. [\(Source\)](#)
- The number of COVID-19 cases being isolated, monitored/ home recovery, and the number of severe and critical COVID-19 patients steadily increase from mid-July. It then peaked at the end of September before steadily declining for the past month. The 7-day moving average of severe cases was 115 as of 4 December ([See Figure 4](#)).

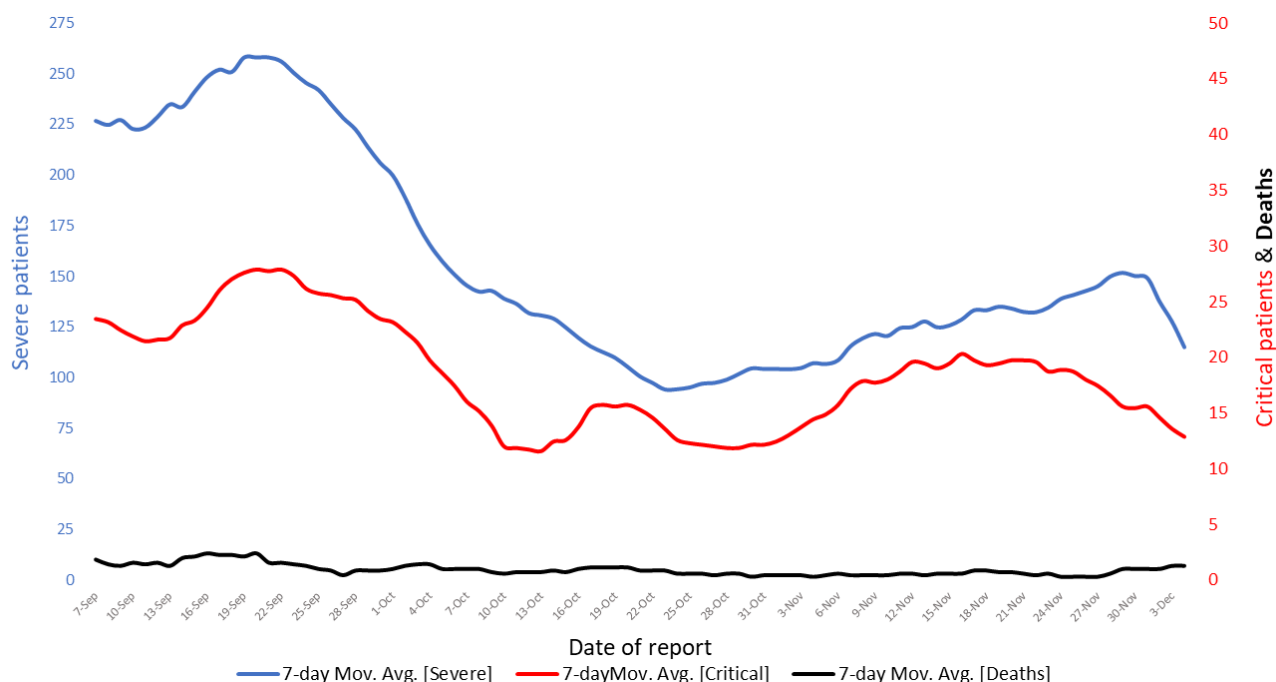


Figure 4. Trend of severe/critical COVID-19 patients by type of management in Viet Nam, in the past 90 days (7 Sep to 4 Dec 2022) (Source)

❖ Risk communication

- With COVID-19 still circulating, including new variants of concern, WHO Viet Nam continues to encourage the community to follow MOH 2K+ guidelines for adults and children, with a particular emphasis on mask wearing in crowded places and enclosed spaces, regular hand washing and maintaining protection against severe illness and death with COVID-19 vaccines. In particular; for adults and eligible children 12 years and older, to get their recommended booster doses according to schedule, and for eligible children 5 years and older to get fully vaccinated.
- Timely advice and updated guidance to the public from MOH and WHO are available through multiple channels, including on the MOH Facebook page: [VNM MOH Sức khỏe Việt Nam](#) and the WHO Facebook page: [World Health Organization Viet Nam](#).
- WHO Representative in Viet Nam Op-ed on COVID-19 vaccines: [It's not over yet - COVID-19 vaccines, boosters and children](#).
- WHO Representative in Viet Nam [video](#) on COVID-19 vaccination and the end of the pandemic.

WHO's support

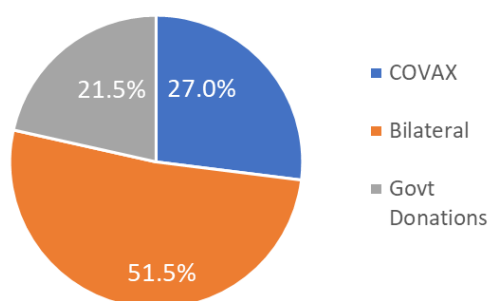
WHO continues to support the MOH in various technical areas, such as providing technical advice with scientific evidence related to sustained management of COVID-19; monitoring variants of concern (VOCs); vaccination roll-outs; calibration of PHSMs; supporting data management, reporting and information sharing; supporting periodic review and update of strategies and technical guidelines including surveillance, testing, outbreak level assessment, quarantine; after-action review (AAR) and intra-action review (IAR); and effective communication; supported development of the *National COVID-19 Prevention and Control Program, 2022-2023* which was issued via the Government Resolution 38 on 17 March 2022. Supported review and revision of the national response plan for COVID-19 based on the WHO's newly released updated [Strategic Preparedness, Readiness and Response Plan \(SPRRP\)](#) to end the Global COVID-19 Emergency in 2022. Supported the development of the Implementation Plan for the Government's Resolution 38, issued via the MOH Decision No.2282/QĐ-BYT dated 24 Aug 2022, using the WHO latest version SPRRP and the recommendations and updated recommendations from the 12th and 13th IHR (2005) Emergency Committee meetings on new coronavirus disease (COVID-19) pandemic that was held on 8 July and 13 October 2022, respectively, as key references.

On 23 Nov 2022, the WHO representatives attended the MOH meeting connecting with 63 cities/ provinces on acceleration of outbreak prevention and control and COVID-19 vaccination which was co-chaired by Vice Minister for Health and Vice Minister for Education and Training. In the meeting, the WHO Representative provided a presentation on COVID-19 Vaccination for Children – WHO Guidance and Recommendations.

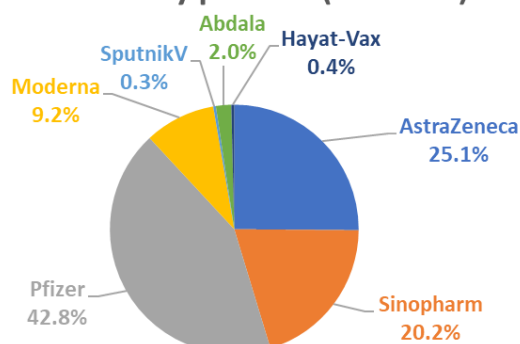
The WHO has also facilitated a consultation with Member States including Viet Nam to develop a “Learning and Improving through COVID-19” document which highlighted key lessons identified in our region during the response to COVID-19 and how they have led to improvements in our response to COVID-19 and future pandemics.

ANNEX 1 – COVID-19 vaccines supply and deployment as of 4 December 2022

Vaccine by source (received)



Vaccine by product (received)



Progress of vaccine usage and primary vaccination coverages per total pop, as of 4 December 2022

