





Viet Nam COVID-19 Situation Report #101

Epidemiological report as of 9 October 2022, 18:00

Situation Summary

Cumulative numbers from 25 Jan 2020 – 9 Oct 2022

 11,486,414 Cases (63/63 provinces)	 10,596,336 (92.3%) Recovered	 43,153 (PFC 0.4%) Deaths	 45.8 M Lab. Tests	 260,256,493 Vaccine doses administered
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Highlights from Current Community Outbreak (from 27 April 2021 to 9 Oct 2022)¹

- After 8 weeks with the increasing trend reported for new COVID-19 cases, a continuous decline in the number of daily reported cases has been observed in the past four weeks, nationally.
- The Omicron variant of concern (VOC) is accounting for 83% among the sequences uploaded from Viet Nam into the global reporting platform (GISAID) since it was first reported in country in December 2021 (3,977 out of 4,815 sequences). The current surge in cases can be attributed to BA.5 sub-lineage of Omicron which is now dominant and accounting for 94.5% of sequenced samples (out of 404 samples) in 2022 in Ha Noi [EBS].
- During the week from 3-9 Oct, a total of 5,896 new cases (5,895 domestic cases and 1 imported case) and 4 new deaths were reported. The 7-day moving average of cases was 1,474 (decreased 28.2%); increased one death compared to the previous week.
- There is **no current evidence of strain on the healthcare system**; a gradual decrease in the number of severe cases was observed in the past three weeks, with the 7-day moving average of 68 cases as of 9 Oct. However, there have been increases in the number of severe cases being reported from some tertiary hospitals including the Central highlands regional general hospital during past weeks. In Dak Lak province, the proportion of severe cases was accounted for 30.3% of more 300 cases being treated in HCFs over the past month [EBS].
- **Cumulatively** from April 2021 to 9 Oct 2022, **11,486,414 cases** have been reported including **43,118 deaths** (PFC 0.4%) from 63 cities/provinces. The number of recovered cases is 10,593,529 (92.3%). See Figures 1 and 2.
- Five (5) cities/ provinces with highest case number reported include: **Ha Noi** (1,630,879 cases, 1,233 deaths, PFC 0.08%); **HCMC** (619,714 cases, 20,475 deaths, PFC 3.31%); **Hai Phong** (531,996 cases, 137 deaths, PFC 0.03%), **Nghe An** (499,358 cases, 145 deaths, PFC 0.03%) and **Bac Giang** (389,714 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 26 Sep 2022, refer to previous Sitreps. While epidemiological figures are as of 9 Oct, other information may cover beyond this cut-off date.

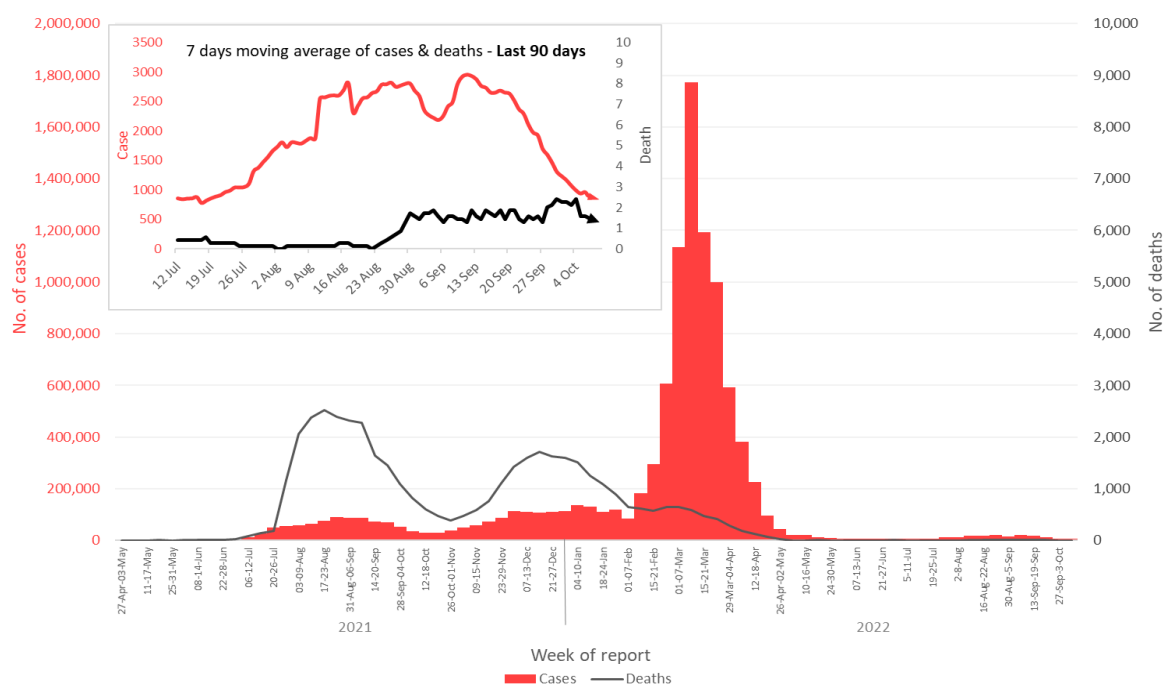


Figure 1. Epidemic curve of COVID-19 laboratory confirmed cases and deaths by week of reporting for the current outbreaks, from 27 Apr 2021 – 9 October 2022, Viet Nam²

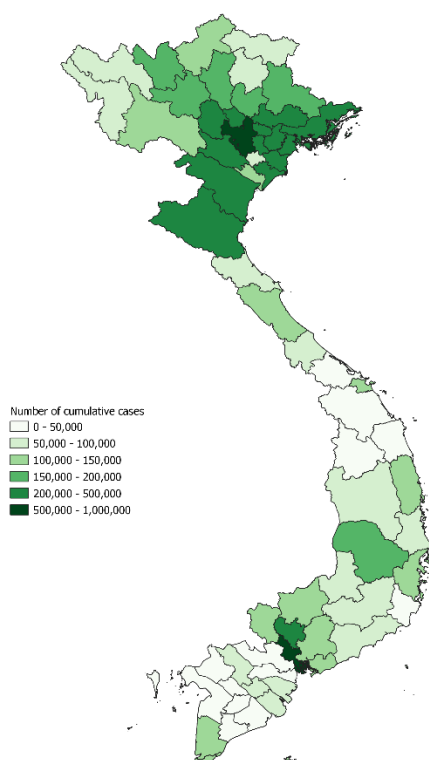


Figure 2a. Distribution of COVID-19 cumulative confirmed cases by province, 27 Apr 2021 – 9 Oct 2022, Viet Nam

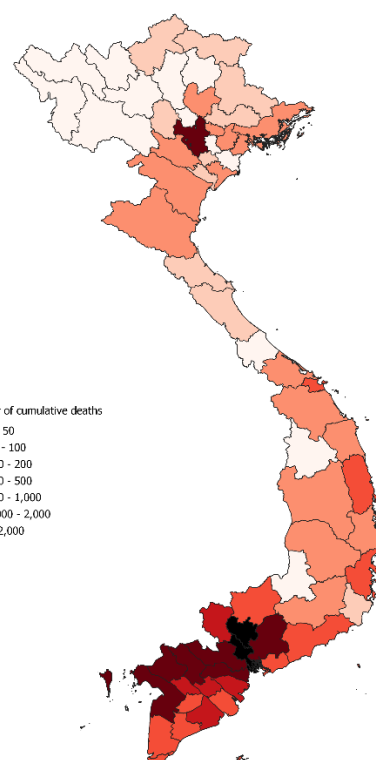


Figure 2b. Distribution of COVID-19 cumulative deaths by province, 27 Apr 2021 – 9 Oct 2022, Viet Nam

² Figures excluded the most recent backlogs of cases reported.

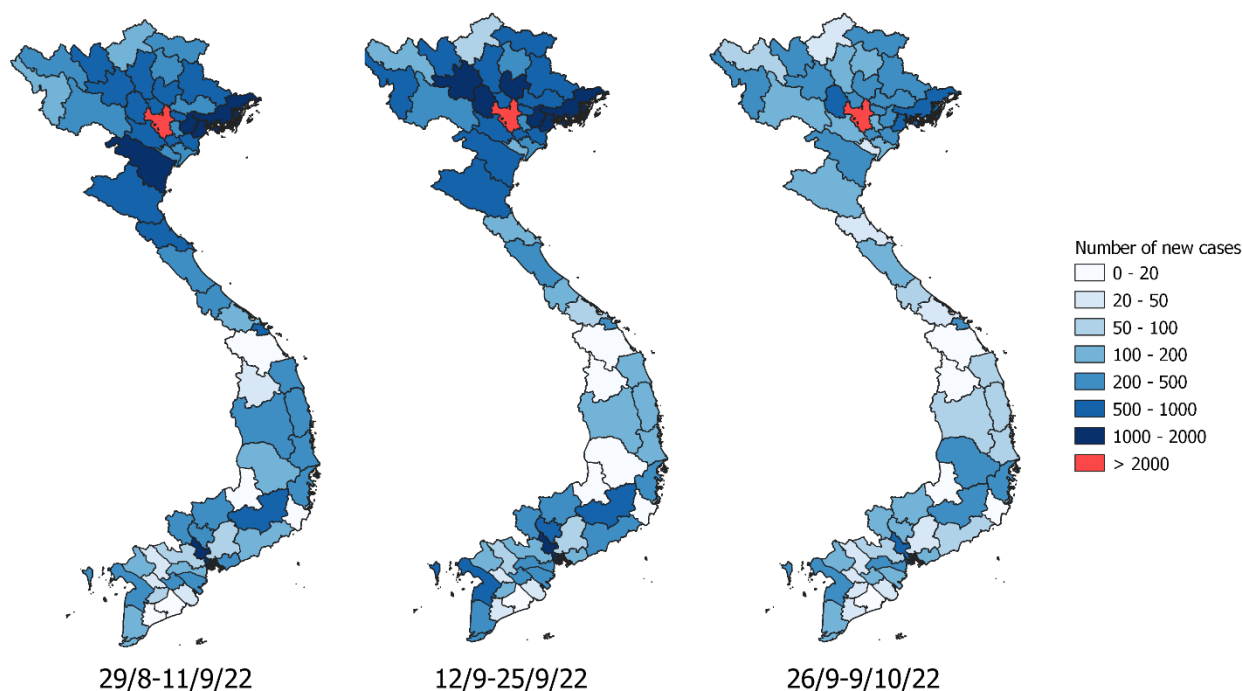


Figure 2c. Distribution of COVID-19 confirmed cases by province in recent weeks, Viet Nam

Age and sex distribution of COVID-19 cases: Analysis from 10,261,581 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 9 Oct 2022, Viet Nam has reported a total cumulative number **11,486,414** laboratory confirmed cases from all 63 provinces including **43,153 deaths (PFC 0.4%)**.

❖ Vaccine supply and vaccination (See Annex 1)

- As of 9 October 2022, a total of **257,233,042 doses of COVID-19 vaccines have arrived in Viet Nam**. In which: COVAX: 68,433,216 doses; donation from countries: 55,686,000 doses; and bilateral procurement: 133,113,826 doses.
- As of 9 October 2022, a total of **260,256,493 doses have been administered** (only more than 300,000 doses administered in the last two weeks): 90,044,709 people from 5 years and above got 1st dose (**91.7% of total population**) and number of people from 5 years and above completed 2nd dose has reached 84,394,489 (**86.0% of total population**). There are 13,022,710 immunocompromised people and high-risk people got additional dose and 55,855,525 people who are **fully vaccinated and got initial booster dose (56.9% of total population or 69.6% of target population from 12 years old and above)**. There are 15,422,789 people got second booster dose (**15.7% of total population**).
- As of 9 October 2022, a total of 9,107,374 adolescents **12-17 years of age got first dose (~100%)** and 8,850,747 got **full doses (~100%)**. **57.2%** of this age group (5,019,178 adolescents) got initial booster dose.
- As of 9 October 2022, 9,871,345 children **5-11 years old** vaccinated with **first dose (83.2% of targeted children)** and 6,885,416 children get **full dose (58.1% 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 recently Covaxin (produced by Bharat Biotech International Limited, India).

- On 22 July 2022, MOH issued guidance for 3rd dose/first booster dose and 4th dose/second booster dose for everyone from 12 years old and above and prioritize vaccination for children aged 5 to under 12 years old for completing primary doses.

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

- **25 Sep** - MOH issued an official letter to city/provincial health departments on enhancing communication activities for COVID-19 prevention and control measures (2K, vaccines, drugs, technology, public awareness) in a new situation, and MOH in collaboration with relevant organizations to continue implementing “For a strong and healthy Viet Nam” communication campaign for public to adhere to prevention and control measures [\[EBS\]](#).
- **26 Sep** – MOH issued an official Dispatch No.5195/BYT-DP to cities/ provinces requesting a review of the number of children from 6 months to under 5 years old in preparation for a COVID-19 vaccination plan once there is sufficient scientific evidence and the required conditions are met [\[EBS\]](#)
- **1 Oct** – MOH issued an official letter to city/provincial health departments on enhancing effective management and use of the resources for COVID-19 prevention and response. MOH requested the city/provincial health departments to regularly review the available resources and to develop an appropriate allocation plan to ensure adequate resources for outbreak prevention and response, and examination and treatment [\[EBS\]](#).
- **Assessment of outbreak level** – no updates available since 18 July 2022
Localities is requested to assess the local outbreak level from commune/ward level (noting that several provinces have not updated their assessment results), based on the guidance from the Government Resolution No. 128/NQ-CP and the MOH’s Decision No. 218/QĐ-BYT.

❖ **Laboratory testing**

- As of 29th September, 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 29th September, Viet Nam has uploaded a total of 6,974 SARS-CoV-2 sequences to the GISAID platform (since the beginning of the pandemic), 664 additional sequences have been uploaded since the last Sitrep (since Sep 16th) and all of those 664 sequences represent the Omicron VOC. Of the 4,815 sequences uploaded from 24 Dec 2021 to date, 3,977 sequences (83%) 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 **9 October**, **5,259 COVID-19 cases** (49.5% decreased from previous sitrep) are being isolated, monitored, or treated in the country. Of those, **80 severe/critical cases are requiring oxygen**, this includes **73 cases in non-invasive ventilation, 7 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. The 7-day moving average of severe cases increased by almost six times, from around 40 in mid-July to around 230 at the end of August. It then increased slightly before drastically reducing during the past two weeks. The 7-day moving average of severe cases was 68 as of 9 Oct ([See Figure 4](#)).

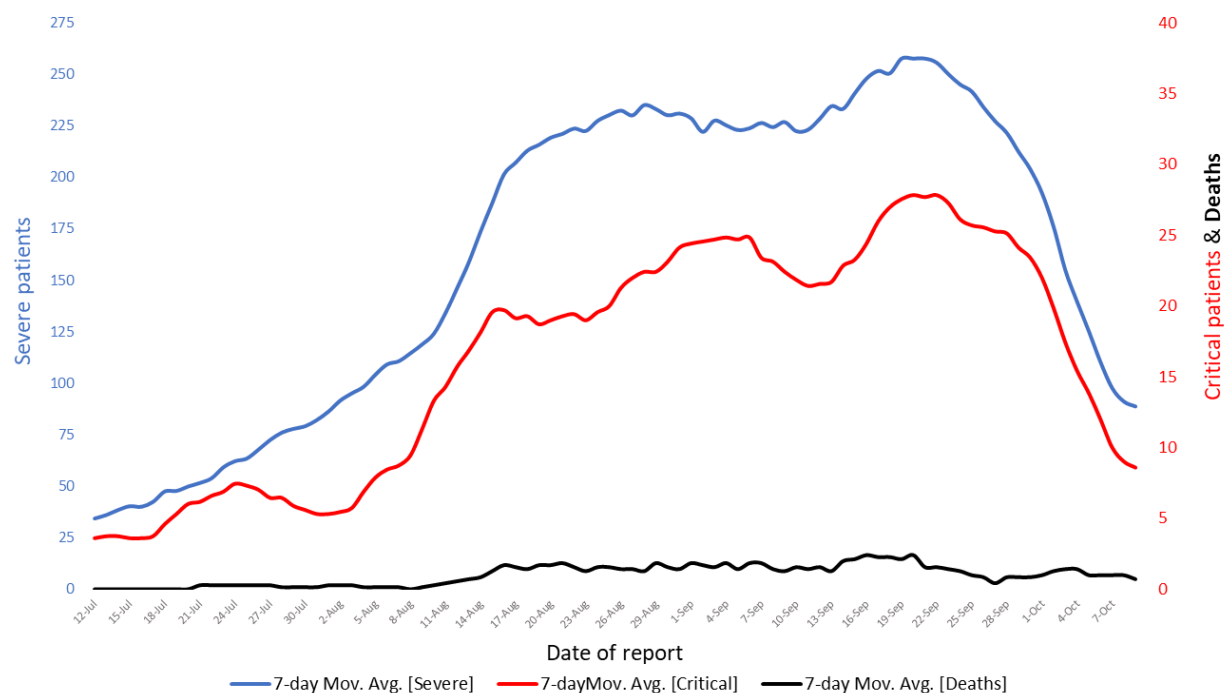


Figure 4. Trend of severe/critical COVID-19 patients by type of management in Viet Nam, in the past 90 days (12 July to 9 October 2022) (Source)

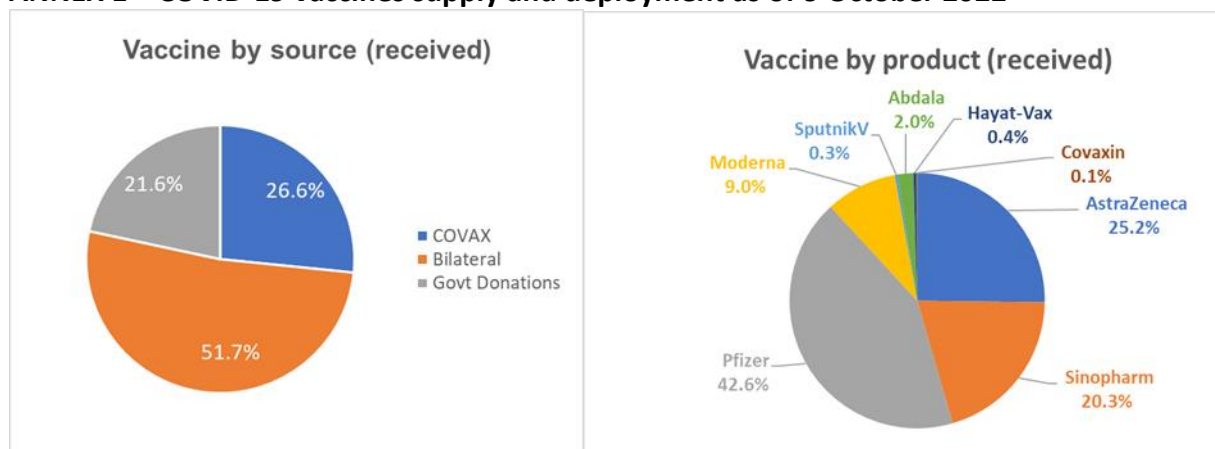
❖ Risk communication

- With COVID-19 still circulating, 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, and for people to get vaccinated according to schedule, including with booster doses.
- 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 continues to also publish new content on how COVID-19 vaccinations protect health and save lives, under the joint UNICEF-MOH-WHO Safe Journeys campaign.

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); vaccine development, deployment and distribution; 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; supported 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. Continued supporting 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 from the twelfth IHR(2005) Emergency Committee meeting on new coronavirus disease (COVID-19) pandemic that was held on 8 July 2022 as a key reference. The WHO has also facilitated a consultation with Member States including Viet Nam to develop a "Learning and Improving through COVID-19" document which would draw 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 9 October 2022



Progress of vaccine usage and primary vaccination coverages per total pop in the last year, as of 9 October 2022

