







Viet Nam COVID-19 Situation Report #107

Epidemiological report as of 28 February 2023, 18:00

Situation Summary

Cumulative numbers from 25 Jan 2020 – 28 Feb 2023

 11,526,917 Cases (63/63 provinces)	 10,614,769 (92.3%) Recovered	 43,186 (PFC 0.4%) Deaths	 ~46 M Lab. Tests	 266,320,673 Vaccine doses administered
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Highlights from the current outbreak situation (from 27 April 2021 to 28 Feb 2023)¹

- **The daily trend of cases and deaths continued to decline in the past four weeks** (From 1 Feb to 28 Feb 2023), with a total of 420 new cases and no new deaths were reported. Compared with the previous four weeks, there is a decrease of 60.1% in the number of new cases. The 7-day moving average of cases was 23 (increased 20%).
- The **Omicron** variant of concern (**VOC**) **accounts 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 (5,307 out of 6,323 sequences).
- There is **no current evidence of strain on the healthcare system**, a constant decline in the number of severe cases continued to be observed in the past months. The 7-day moving average of severe cases was 6 patients as of 28 February 2023.
- **Cumulatively** from April 2021 to 28 Feb 2023, **11,524,065 cases** have been reported including **43,151 deaths** (PFC 0.4%) from 63 cities/provinces. [See Figures 1 and 2.](#)
- Five (5) cities/ provinces with highest case number reported include: Ha Noi (1,636,138 cases, 1,236 deaths, PFC 0.08%); HCMC (622,709 cases, 20,475 deaths, PFC 3.31%); Hai Phong (533,909 cases, 138 deaths, PFC 0.03%), Nghe An (499,698 cases, 145 deaths, PFC 0.03%) and Bac Giang (390,202 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 1 Feb 2023, refer to previous Sitreps. While epidemiological figures are as of 28 Feb 2023, other information may cover beyond this cut-off date.

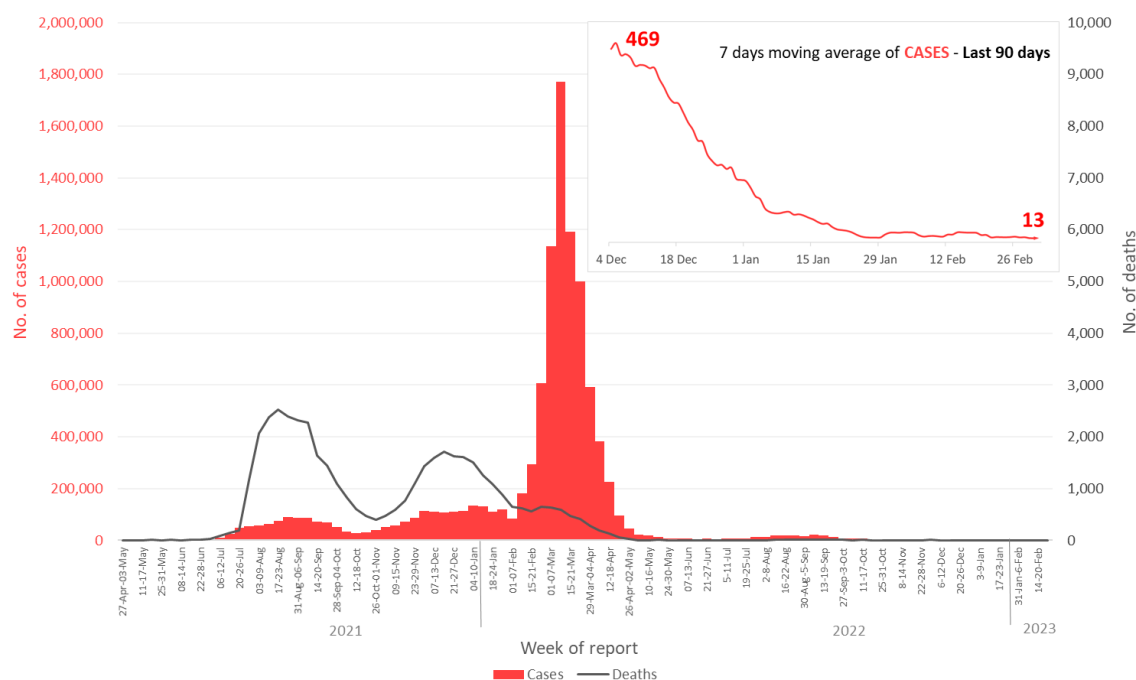


Figure 1. Epidemic curve of COVID-19 laboratory confirmed cases and deaths by week of reporting for the current outbreaks, from 27 Apr 2021 – 31 Jan 2023, Viet Nam²

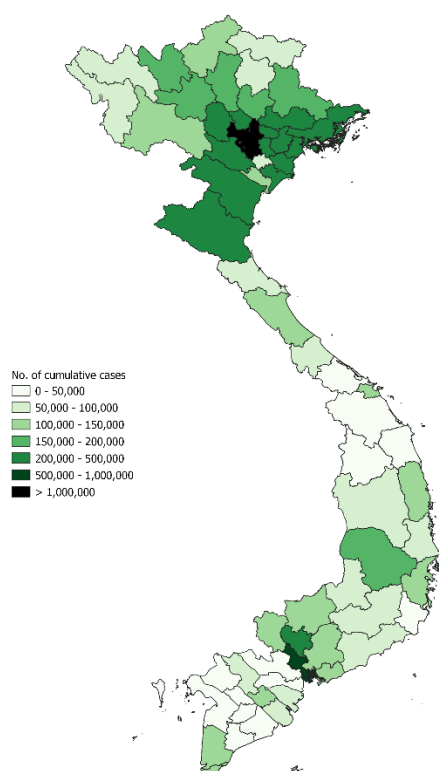


Figure 2a. Distribution of COVID-19 cumulative confirmed cases by province, 27 Apr 2021 – 28 Feb 2023, Viet Nam

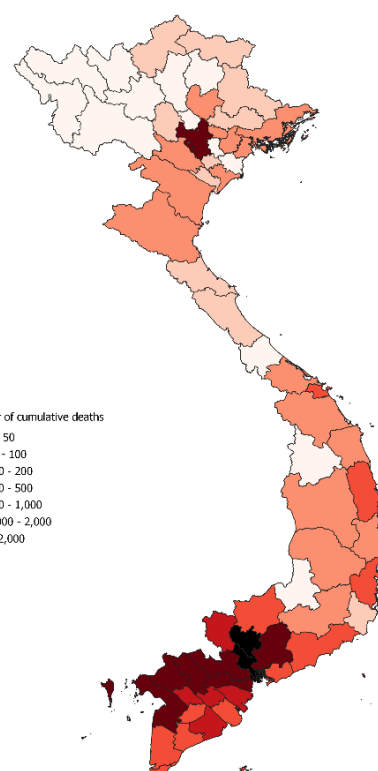


Figure 2b. Distribution of COVID-19 cumulative deaths by province, 27 Apr 2021 – 28 Feb 2023, Viet Nam

² Figures excluded the most recent backlogs of cases reported.

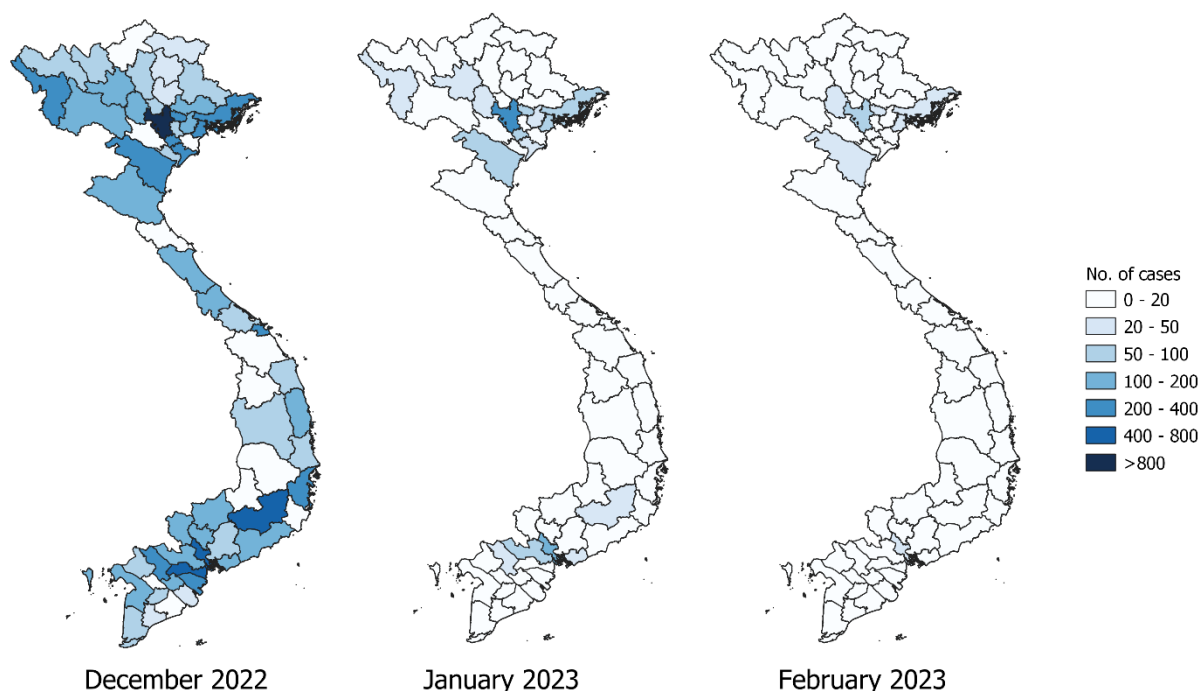


Figure 2c. Distribution of COVID-19 confirmed cases by province in recent months, Viet Nam

Age and sex distribution of COVID-19 cases: Analysis from 10,314,737 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 28 Feb 2023, Viet Nam has reported a total of **11,526,917 laboratory confirmed cases** from all 63 provinces including **43,186 deaths (PFC 0.4%)**.

❖ Vaccine supply and vaccination (See Annex 1)

- As of 28 Feb 2023, a total of **263,253,798 doses of COVID-19 vaccines have arrived in Viet Nam** (more than 2 million doses arrived this month). In which: COVAX: 71,078,942 doses; donation from countries: 56,352,000 doses; and bilateral procurement: 135,822,856 doses.
- As of 28 Feb 2023, a total of **266,320,673 doses have been administered** (about 200,000 doses administered this month): 90,479,147 people from 5 years and above got **first dose (92.2% of total population)** and number of people from 5 years and above completed **second dose** has reached 85,955,573 (**87.6% of total population**). There are 13,016,765 immunocompromised people and high-risk people got additional dose and **57,763,390 people who are fully vaccinated and got initial booster dose (58.8% of total population or 72.0% of target population from 12 years old and above)**. There are 17,588,220 people got **second booster dose (17.9% of total population)**.
- As of 28 Feb 2023, a total of 9,127,824 adolescents **12-17 years of age got first dose (~100%)** and 8,957,352 got **full doses (~100%)**. **66.2%** of this age group (5,809,629 adolescents) got initial booster dose.
- As of 28 Feb 2023, 10,268,506 children **5-11 years old** vaccinated with **first dose (86.6% of targeted children)** and 8,294,402 children get **full dose (70.0% 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)

- **12 Feb 2023** - The Office of the government issued a letter regarding the conclusions from the meeting between DPM Tran Hong Ha and MOH on 9 Feb. The key points included: (i) MOH to urgently update the Prime Minister's Directive on management of medical equipment and submit to the PM for approval; (ii) MOH to urgently issue the updated circular on drug procurement in public hospitals within February 2023; (iii) MOH to take the lead and collaborate with Ministry of Finance (MOF) and other relevant ministries to finalise the guiding documents on health facilities autonomy as per the regulations; and (iv) MOH to continue to review practical problems related to the Laws and regulations on bidding and procurement of drug and medical equipment and supplies, propose the solutions to the Government for approval [\[EBS\]](#)
- **26 Feb 2023** - The Office of the government issued a letter regarding the conclusions from the meeting between DPM Tran Hong Ha and MOH, MOF, MPI and other ministries. The DPM directed MOH and relevant ministries to urgently revise and update legal documents regarding bidding, procurement, certification, pe-appraisal, and appraisal drug, medical equipment, biological materials, and supplies to ensure adequate medicines and medical equipment and supplies for medical examination and treatment [\[EBS\]](#).
- **27 Feb 2023** - MOH issued an official dispatch No. 258/CD-BYT to Chairpersons of City and Provincial People's Committees on strengthening the ILI and SARI surveillance, detection, receipt and management of respiratory infections, and enhancing the collaboration between human and animal health sectors, especially in surveillance and information sharing.

❖ Laboratory testing

- As of 20th Feb 2023, 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 28th Feb 2023, Viet Nam has uploaded a total of 8,478 SARS-CoV-2 sequences to the GISAID platform (since the beginning of the pandemic), 118 additional sequences have been uploaded since the last Sitrep (since 31st Jan 2023). Of the 6,323 sequences uploaded from 24 Dec 2021 to 28 Feb 2023, 5,307 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 28th Feb 2023, **65 COVID-19 cases** are being isolated, monitored, or treated in the country. Of those, **2 severe cases are requiring oxygen** including **no case under invasive ventilation**, and no cases under ECMO. [\(Source\)](#) The number of severe and critical COVID-19 patients sharply declined from early December 2022 [\(See Figure 4\)](#).

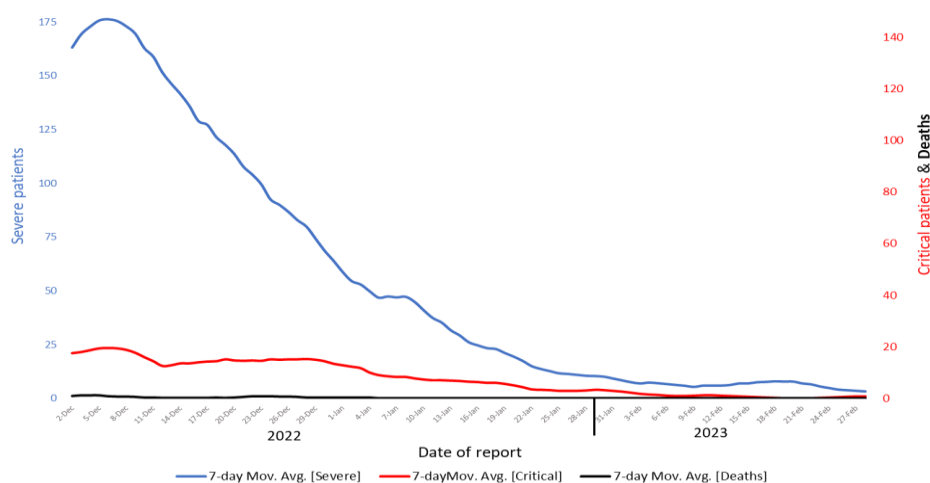


Figure 4. Trend of severe/critical COVID-19 patients by type of management in Viet Nam, in the past 90 days (2 Dec 2022 to 28 Feb 2023) [\(Source\)](#)

❖ Risk communication

- With COVID-19 still circulating, including Omicron sub-variants, 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.
- 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'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 including those reflecting the most recent changes in COVID-19 management policy in China; 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, 13th and 14th IHR (2005) Emergency Committee meetings on new coronavirus disease (COVID-19) pandemic that was held on 8 July, 13 October 2022 and 27 January 2023, respectively, as key references.

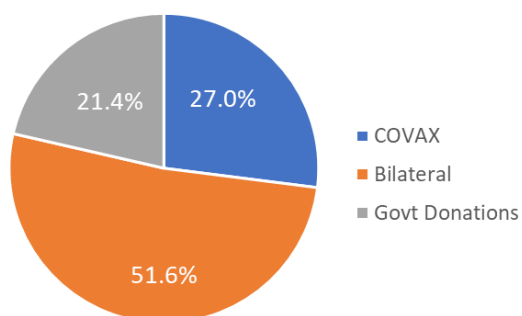
The WHO has facilitated a consultation with Member States including Viet Nam to develop a "Learning and Improving through COVID-19" document which highlighted key lessons identified in our region during the response to COVID-19 and how they have led to improvements in our response to COVID-19 and future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

On 2 January 2023, the WHO representative attended the MOH PHEOC hybrid meeting chaired by Vice Minister of Health connecting with relevant MOH Departments/ Units and with cities/ provinces with international airports and PoEs to review and discuss possible calibrated PHSMs in light of the Tet holidays and the changes in COVID-19 management policy to be imposed by the Chinese Government starting from 8 January 2023. At the meeting, the WHO representative, A/ TL of Health Emergencies Program, provided an update on the global and regional situation on COVID-19 and PHSMs from other countries, and WHO's advice to MSs on the current situation.

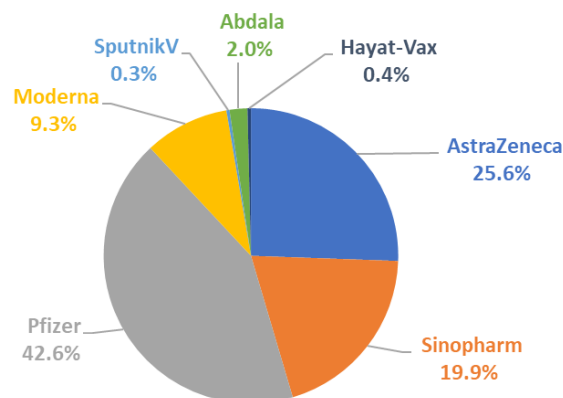
The WHO Country Office team continues to facilitate the consultation process with MSs in the development of a new Asia Pacific Health Security Action Framework (HSAF), taking the lessons learned from COVID-19 response. This HSAF is expected to be endorsed towards the end of 2023.

ANNEX 1 – COVID-19 vaccines supply and deployment as of 28 February 2023

Vaccine by source (received)



Vaccine by product (received)



Progress of vaccine usage and primary vaccination coverages per total pop, as of 28 February 2023

Vaccine uptake in Viet Nam

