



Viet Nam COVID-19 Situation Report #43

Report as of 23 May 2021, 18:00

Situation Summary

Highlights of Current Situation Report

- The current outbreaks continued to evolve with a fast pace during last week. **As of 23 May 2021**, there have been **2,164 locally acquired COVID-19 cases including 30 health care workers (HCW)** reported from **30 cities/provinces** across the country. **Seven death cases** have been reported.
- **Five cities/provinces reported highest number of cases** include Bac Giang (919); Bac Ninh (467); Da Nang (151); Ha Noi (127); and Vinh Phuc (89).
- **Five provinces have passed at least 14 days** since the last local cases reported: Yen Bai (26 days); Dong Nai (18 days); Quang Ngai (17 days); Nghe An (16 days) and Quang Ninh (15 days).
- The cases in the current community outbreaks originated from **six clusters** including two national hospitals and can be grouped into **four main sources of infection** including i) Ha Nam; ii) Yen Bai – Vinh Phuc; iii) Da Nang, and iv) Hospitals. (*See previous Sitreps for details*)
- While majority of newly reported cases were either among F1 contacts or already inside the lockdown areas, **there have been an increasing number of cases with unknown source of infection or with unclear epi links reported from various locations including Dien Bien, Ha Noi, Bac Ninh, Da Nang and HCMC**. Investigations are ongoing.
- **Vigorous response with aggressive contact tracing and mass testing** are being conducted in outbreak areas, notably in most affected provinces of Bac Giang, Bac Ninh, Ha Noi, Dien Bien and HCMC
 - ✓ **Bac Giang:** from 8 May when the first case (#3167) – a 38-yro-female from Luc Nam District, a caregiver of a patient at K No.3 hospital in Tan Trieu, Ha Noi, was reported, more than 300 cases have been reported in province by 16 May. Cases are clustered in three main hotspots including: i) Luc Nam District; ii) Shin Young Company, Van Trung Industrial Park (linked with NHTD#2; and iii) Hosiden Company Ltd. of Quang Chau Industrial Park, Van Trung commune, Viet Yen District. Most of the newly reported cases during past week were among the F1 contacts or those already in lockdown areas; there are few cases in community with unclear epi links. There are at least four major Industrial Parks located in the same District of Viet Yen with complex movements and connections among workers who come from many provinces across the country. As of 23 May, a total of 919 locally acquired cases have been reported, mainly from Van Trung and Quang Chau industrial parks; almost 12,000 F1 contacts have been traced and tested; more than 35,000 F2 contacts have been placed under quarantine.
 - ✓ **Bac Ninh:** from 27 Apr to 23 May, a total of 467 locally acquired cases have been reported in the province. From the index cases that were linked with NHTD#2 and K hospital clusters in Ha Noi, during past week, more cases have been reported among workers from five industrial parks (involving 29 companies) and at least four cases were reported from 3 companies outside of industrial parks. There are also cases from community without clear epi links. At least 4,200 F1 contacts have been traced and tested. The Ministry of Health is looking into a pilot implementation of home quarantine for F1 contacts in Bac Ninh considering the current outbreak situation and capacity of quarantine facilities in the locality.
 - ✓ **Dien Bien:** From the index case that was linked with hospital cluster from Ha Noi, three additional clusters have been reported in the province with a total of 52 cases have been reported as of 23 May. These include i) A cluster in an ethnic minority primary boarding school in Tan Phong commune, Si Pa Phin, Nam Po District (40 cases); ii) A cluster of a mother and son from Him Lam ward (5 cases); iii) A cluster involving 4 health care workers at Dien Bien Phu city field hospital. Source of infection for these clusters are still under investigation. At least 2,500 F1 contacts have been traced and tested.
 - ✓ **HCMC:** from the index case that was linked with Ha Nam cluster, between 18-20 May, two additional clusters of cases, both in District 3, have been reported with unclear epi links. As of 23 May, a total of 6 cases have been reported from the city. At least 800 F1 contacts have been traced and tested.
 - ✓ **Ha Noi:** between 27 Apr and 23 May, a total of 127 locally acquired cases have been reported from 19/30 districts in Ha Noi. Following initial cases reported in earlier stage of the current outbreak which were linked with K hospital cluster (21 cases) and Da Nang related cluster (42 cases), currently there are four clusters of cases including: i) T&T cooperation – Park 11 Times City apartment complex; ii) Park 9 Times City – Indian expert group; iii) Hai Duong related cluster (case detected in Gai Lam dist.); and iv) a HCW from North Thang Long hospital. The T&T related cluster involves at least 26 cases from different locations with a complex connection and movement history; the source of infection is still under investigation. Meanwhile K hospital cluster is still at risk of having additional cases;

10 new cases were reported during past week including 3 cases inside hospital, 1 case in community and 6 F1 contacts. With active case investigation, contact tracing and mass testing, it is highly likely that more cases will be reported in Ha Noi in the coming days and more targeted lockdowns are expected.

- **During the past week (from 17 - 23 May), Viet Nam reported 1,042 new cases including 1,025 locally acquired cases and 17 imported cases.**
 - ✓ The **1,025 locally acquired cases** were reported from 25 cities/ provinces (*See Figures 3 and 4*).
 - ✓ The **17 imported cases** included five (5) foreign nationals and 12 Vietnamese repatriated citizens.
- **As of 23 May, Viet Nam has reported a total cumulative number of 5,217 laboratory confirmed cases from 54/63 provinces including 42 deaths (PFC 0.8%) from January 2020 (*see Figure 2*); of those 2,721 cases (52.2%) have recovered.** Three are currently 2,437 patients in treatment of those majority were either asymptomatic (56.6%) or with mild symptoms (35.4%) (<http://cdc.kcb.vn/covid>).
 - ✓ The 5 newly reported death cases were from the current outbreak who have comorbidities or pre-existing medical conditions. This makes a total of 42 deaths from January 2020.
 - ✓ Of the 5,217 cases, 1,482 cases (28.4%) are imported. About 96% are Vietnamese (*see Figure 1*).
 - ✓ The ages of cases range from 2 months to 100 years old. About 57% of all cases are in the 30-69 years old group, 2.6% above 70 years old, and the remaining 40.4% under 30 years old. The proportion of male vs female is around 44.2% vs 55.8%. (*See Table 1*).
 - ✓ New clusters of cases have been reported in affected cities/ provinces. While most cases were among contacts of existing cases and already in quarantine or lockdown areas, there have been an increasing number of cases with unclear or unknown source of infection. Investigation and contact tracing are ongoing.
 - ✓ From 27 Apr to 23 May: **more than 45,000 F1 contacts** have been identified in 30 affected cities/ provinces and have been quarantined and tested.
- **Vaccine supply and deployment:**
 - Vaccination implementation: Viet Nam launched COVID-19 vaccination campaign Phase 1 on 8 Mar 2021 focusing on the first priority groups: healthcare workers at healthcare facilities, front-line workers working on outbreak prevention and response in 19 provinces. Phase 1 vaccination has completed on 12 May, 100,686 people have received the first shot.
 - **As of 23 May, a total of 1,027,659 doses of vaccines have been administered cumulatively.**
 - **The MoH has issued Decision No. 1888 / QĐ-BYT dated 15 Apr 2021 to establish the "Steering Committee on COVID-19 Vaccine Safety"** headed by VM Nguyen Truong Son and including scientists who are leading experts of different treatment area.
 - **Phase 2 vaccine allocation planned** for 811,200 AZ COVID-19 vaccine doses through COVAX. Since the start of Phase 2 on 16 April, **63 cities/provinces** have vaccinated to **926,973 people including first and second doses as of 23 May.**
 - Mild reaction after vaccination: 17.2% (23% of phase 1, 16% of phase 2). Serious adverse events: 0.02% (0.05% of phase 1, 0.01% of phase 2 includes 1 fatal). As of the end of 23 May.
 - 2nd COVAX shipment arrived Vietnam on 16 May 2021, with total of additional 1,682,400 doses. MoH has approved the phase 3 vaccine allocation plan as **per decision 2499/QĐ-BYT dated 20 May 2021**. The plan allocated vaccines for 63 CDCs, Army, Policy and National Institute, University and Hospitals.
 - **19 May 2021** Government has signed an agreement with Pfizer to purchase 31 million doses COVID-19 vaccine for national vaccination program.

For update before 17 April 2021 – See previous Sitreps

Government direction and key public health response measures:

(refer to previous Sitreps for updates before 17 May)

Right after receiving a **notification of cases in Ha Nam and Vinh Phuc**, the MOH, NSC and local health authorities have been taking **vigorous actions**. **Necessary public health measures have been deployed and updated on a daily basis as the situation evolves.**

- **The Government issued Resolution No. 09 dated May 18, 2021 on the purchase of Covid-19 vaccines.** The MOH has been assigned to urgently take action as soon as possible to ensure that vaccinations can be widely implemented in the country.

- **20 May** - The Ministry of Finance (MoF) had initiated a plans to set up a national COVID-19 vaccine fund to ensure necessary financial resources are available for the future vaccine procurement for domestic use.
- **17 May - PM Pham Minh Chinh stated that procuring COVID-19 vaccines is a necessity and an urgent task that must be carried out immediately.**
- The military force had set up two field hospitals in Bac Ninh and Bac Giang provinces. They are scheduled to begin receiving patients from 5pm on May 19. Each has 300 beds but the capacity can be up to 500 beds if needed; and close to 120 medical workers.

For update before 17 May – see previous Sitreps

❖ **Community lockdown and social distancing:**

- **22 May** - Bac Giang Department of Transport stopped all passenger transport in the province including both inter-provincial passenger buses and intra-provincial passenger vehicles, except for vehicles serving pandemic prevention and other under tasks of the local authorities.
- **20 May:** Lifted social distancing in Thai Binh province, however the province continues to implement preventive measures including suspension of non-essential services, entertainment services, sidewalk eateries, tourist spots and mass gatherings
- **19 May:** Lifted social distancing in Vinh Yen City, Vinh Phuc province, however the City continues to implement preventive measures such as suspension of all meetings, events gathering with 20 people or more and prohibited gathering with more than 10 people outside schools, hospital, offices. Also Military 105 hospital in Ha Noi.
- **18 May:** Temporary closure of 4 industrial parks in Bac Giang province until further notice and whole social distancing in Viet Yen district and part of Yen Dung district
- **18 May:** Social distancing Bac Ninh City for 3 days and Que Vo district implement COVID-19 prevention and response measures as PM Directive No.15 dated 27 Mar 2020 including suspension of meeting, no gathering with more than 20 people in a room, no gathering with more than 10 people outside schools, hospital, offices, 2 meters distance in public places, and suspension of non-essential services.
- **18 May** - Hai Phong: people are directed to not leave house from 10:00 PM-5:00 AM of the following day, hotels/guest houses are not allowed to receive guests, suspension of non- essential services and non-essential good at market and department store.
- **From 17 May** – Bac Giang temporarily closed Dinh Tram, Quang Chau, Van Trung and Song Khe-Noi Hoang industrial zones. It also put social distancing measures in place in Viet Yen District and three communes of Yen Dung District including Noi Hoang, Tien Phong and Yen Lu until further notice from the provincial People's Committee.
- HCMC tightened COVID measures:
 - ✓ The HCDC announced that people coming to the city from COVID-19 pandemic-hit areas in Dien Bien, Bac Ninh and Ha Nam provinces will be quarantined for 21 days.
 - ✓ From 17 May - All drugstores in the city are requested to ask people who buy medicine for fever, cough, sore throat or shortness of breath to fill out an online health declaration.
 - ✓ From May 21 (18:00): closure of all street eateries, only take-away and online delivery are allowed.
 - ✓ Banned all festivals, religious ceremonies, sports tournaments and events with 20 people or more. No events of more than 30 people in one room are allowed, and no more than 20 people at gatherings are allowed in public places outside of offices, schools or hospitals.
- As of 23 May, 7 hospitals and premises are currently under lockdown, including: Ha Noi (2): NHTD #2, one premise of K hospitals; Vinh Phuc (2): Phuc Yen general hospital and Traditional Medicine hospital; Lang Son (1): provincial lung hospital; Da Nang (1): Hoan My hospital; and Dien Bien (1): city field hospital

For updates before 17 May: see previous Sitreps

❖ **School closure:**

- As of 17 May, 45 provinces (23 provinces in the north, 9 in the central, 2 in central highland, and 11 in the south regions) closed schools, of which school children have early summer holiday in 15 provinces.

❖ **Travel restriction**

- All provinces/cities apply travel restriction measures including health declaration, centralized/home quarantine for 14-21 days and/or sample collection for testing of all people arriving from villages/communes

with COVID-19 reported cases, and communes/districts/cities under social distancing. Detailed requirements and updates are available on local government official websites (i.e. DoH, PCDC)

- The current 21-day centralized quarantine policy for incoming travellers was **solely decided** by the Government.

❖ **Other updates:**

- Ha Noi: laboratory testing and 21-day health declaration and monitoring/ home-quarantine are required for people who have visited Da Nang and returned to the city between 1-14 May.
- 14 May: MoH suggested a need to have a RT-PCR testing available at each HCF with 300 beds capacity.

See Annex 1 for a more detailed update on NPIs

❖ **Other updates on laboratory testing:**

- A broad testing strategy continues to be followed, with laboratory testing of all F1, F2 cases, members of outbreak communities/localities as well as ad hoc testing in high-risk location in certain provinces.
- The number of RT-PCR conducted in the last week was 919,727 with 893 positive samples, giving a positivity rate of 0.1%. Currently there are 175 laboratories permitted to test for COVID-19 by RT-PCR, with 133 designated as confirmatory laboratories.
- Following Decision No. 2022 / QD-BYT Antigen RDTs may be used in outbreak settings to test suspect cases and their close contacts when RT-PCR is not available, the laboratories are overwhelmed and/or the turn-around-time of RT-PCR is too slow to support a rapid response, but all positives need to be confirmed with RT-PCR. Official Dispatch 3848/BYT-DP issued on the 10 May permits health case establishments and other units to conduct periodic testing of individuals at higher risk of COVID-19 infection by antigen RDT every 5-7 days or according to needs. At risk individuals include health care workers, inpatients, border and quarantine staff, essential workers, workers in the service industry and workers in industrial zone. All positives results must still be confirmed with RT-PCR.
- Sequencing of the virus related to the Vinh Phuc cluster, the Indian experts, hotel staff member, the Vinh Phuc province Sunny karaoke staff and a related case in Hai Duong determined the virus in all cases as PANGO lineage B.1.617.2, indicating the hotel as a likely common source. The B.1.617.2 carries one of the mutations of concern associated with the B.1.617 lineage; the L452R mutation, which may be associated with higher transmissibility. The B.1.617.2 does not carry the E484Q mutation of concern, which is considered an immune escape mutation.
- Sequencing of the virus related to the Ha Nam, Hung Yen and Hai Duong clusters revealed the B.1.1.7 variant.
- Sequencing of the virus related to NHTD revealed two lineages associated with this hospital B.1.1.7 and B.1.617. Clusters related to NHTD in Hung Yen, Ha Noi, Nam Dinh, Thai Binh, Bac Ninh, Bac Giang and Lang Son were also revealed through sequencing to be B.1.617.2. Further investigations ongoing.
- Sequencing of two cases of community transmission in HCMC Thu Duc cluster was revealed as B.1.617.2 whilst a case in District 3 was determined to be B.1.1.7. Further investigations ongoing.
- Sequencing related to the investigation of other clusters remains ongoing.
- Meetings were held by MOH on 13 and 14 May with regional institutes and all 63 CDC. Emphasis was placed on ensuring the quality of laboratory testing; specimen collection, all steps of laboratory analysis as well as quality of materials and reagents. MOH discussed options for enhanced external quality and were requested to review all guidelines to ensure they remain up to date and suitable for the current situation. Provincial laboratories were reminded to follow MOH guidelines and to be proactive in reporting any issues or challenges as soon as possible, including for procurement of materials/reagents.

❖ **Case management:**

- As of 23 May, 2,721 of 5,217 cases (52.2%) have recovered. 42 cases died, 2,437 patients are being isolated, monitored and treated in 84 hospitals. Majority of the cases are either asymptomatic (56.6%) or with mild symptoms (35.4%).
- As of 23 May, there are 3 critical cases with ECMO (2 in NHTD and 1 in HCM HTD), 18 critical cases with invasive ventilation, 8 severe cases with HFNC, **63 severe cases** with nasal prong oxygen.
- Six additional fatal cases: (# 3197, # 3554, #3028, #3653, #3022, # 3015) between 19-23 May – all with comorbidities or underlying conditions. For more details, pls visit: <https://ncov.moh.gov.vn/>

Hospital clusters:

- **NHTD#2:** Total of 89 cases, including 9 HCWs (3 in ICU, 1 doctor is studying medicine, 2 in OPD, 3 in General infectious diseases department); 46 in-patients, and 34 caregivers. In-patients and caregivers mainly in the General infectious diseases; and ICU, ER, Hepatitis Dept, Dept. of Viro-parasitology, and OPD. NHTD is transferring 200 COVID-19 patients who already testing negative with COVID-19 to Bach Mai premise 2 in Ha Nam to continue treatment for other health issues. NHTD also is transferring not covid-19 disease patients to other hospitals for continuing treatment to spare beds at NHTD for receiving COVID-19 severe patients.
- **K (Oncology) No.3 hospital Cluster:** total of 45, including 37 in-patients and caregivers of the patients of the Hepatobiliary and Surgery Dept, internal department, and 8 HCWs. COVID-19 patients of K-hospital are transferred to Thanh Nhan hospital and Hanoi Oncology Hospital, and for continuing treatment. The hospital is applying tele-medicine for maintaining out-patient treatment for cancer patients. Hospital plans to transfer K-patients who have negative with COVID-19 and fulfil criteria for discharge to provinces for continuing treatment.
- **Health care workers infected:** 31 HCWs
 - ✓ Phuc yen hospital: 1 doctor
 - ✓ NHTD: 9: (1 doctor and 2 nurses in ICU, 1 doctor is studying medicine, 2 nurses in OPD, 3 nurses in General infectious diseases department)
 - ✓ K- Hospitals: 8 (1 doctor and 3 cleaners, 4 nurses)
 - ✓ Thai Binh General hospital: 4 medical student practicing in hospital
 - ✓ Thanh Nhan hospital: 1 cleaner
 - ✓ National Lung Hospital: 2 doctors, 1 technician
 - ✓ Dien Bien field hospital: 04 (3 nurses, 1 assistant)
 - ✓ Primary school in Da Nang: 01
- **Capacity on Health care facilities:**
 - ✓ Total field hospitals established in 20 provinces with on-going outbreak: estimated 30 hospitals
 - ✓ all hospitals at all levels (province and district) have been ready to receive and treat for COVID-19
 - ✓ Total beds for COVID-19: estimated plan for 30,000 beds
 - ✓ Total beds of ICU for COVID-19, estimate at 1,500 beds

❖ Risk communication

- The Ministry of Information and Communications has issued document No. 1631/BTTTT-CBC recommending to Ministry of Health not to publish the identity and details of the travel schedule of the COVID-19 patients, but only to publish the recommended at-risk destinations in order to protect privacy and prevent stigma.
- Provincial CDCs experiencing surge of cases have enhanced communication in the local areas, especially in the industrial zones. Communication messages and products, such as in Bac Giang, are made available online as in this link: [Infographic on Bac Giang Response and Public Advisory](#). Additional materials are also prepared for other provinces such as this: [Infographic: Details of COVID-19 Response in 27 Provinces and Cities](#)
- MOH and WHO continue to work together in developing communication products to support the response, especially on contact tracing, enhance vaccine confidence, and continuation of the 5K prevention practices (wearing face mask; hand washing and disinfection; keeping distance; no mass gathering; and filling out health declaration. Some of these are below. Additional materials will be developed to address risks in various contexts such as for industrial areas and other high-risk settings.
 - o Guidance for contacts of cases in this link: [What to do if I am confirmed contact for #COVID19](#)
 - o Preventing COVID-19 by avoiding 3Cs: closed environment with poor ventilation; spaces where people gather closely together; and settings where people talk or shout in. The link is here: [Avoid 3Cs to prevent COVID-19](#)
 - o explainer on strict testing process for COVID-19 vaccines in this link: [COVID-19 vaccines go through rigorous test before use](#)
 - o [Same protective measures for new variants](#)
 - o [Guidelines on wearing mask](#)
- Communication on prevention messages continues on multiple platforms, including social media ads.

Media monitoring and Social listening

– Viet Nam's outbreak situation

Cases are reported in different provinces and cities of Viet Nam

<https://e.vnexpress.net/news/news/vietnam-records-50-more-local-covid-19-cases-4282302.html>

– Viet Nam's control measures

Localities authorised to decide on social distancing: Minister

<https://vietnamnet.vn/en/society/localities-authorised-to-decide-on-social-distancing-minister-737702.html>

The Ministry of Information requests not disclosing identity and itinerary of COVID patients

<https://www.vietnamplus.vn/bo-tttt-de-nghi-khong-cong-bo-danh-tinh-lich-trinh-benh-nhan-covid19/714940.vnp>

Certain F1s will be quarantined at home as the number of F1s in some provinces is too many

<https://vietnamnet.vn/vn/suc-khoe/viet-nam-ap-dung-cach-ly-f1-tai-nha-voi-truong-hop-nao-739336.html>

– Vaccination updates

Viet Nam to purchase 31 million Pfizer vaccine doses

<https://vietnamnews.vn/society/952066/viet-nam-to-purchase-31-million-pfizer-vaccine-doses.html>

Kickstart the program "1 million vaccine doses for workers living in poverty

<https://laodong.vn/tam-long-vang/khoi-dong-chuong-trinh-1-trieu-lieu-vaccine-cho-nguoi-lao-dong-ngheo-912453.ldo>

SOCIAL LISTENING

- There have been increasing calls for a lockdown from Hanoi's residents to stop the current chain of transmission.
- After two Indian expats tested positive for COVID after 28 days of quarantine, questions about testing in Hai Phong have been raised.

Recent and upcoming Events and Priorities

- WHO continues supporting MOH in various technical areas, providing technical advice and scientific updates especially with relates to the mutated variants; supporting ongoing efforts on COVID-19 vaccine development and vaccine deployment and distribution plans, effective communication (e.g. reinforcement of preventive measures communications through social media such as reactivation of Facebook ads, produced social media cards on laboratory testing) - *See previous Sitreps*
- The MOH has requested support for approximately 200,000 primers and probes and 300,000 further specimen collection kits. Greenlight was received from MOH on the 5th of April. Shipments have arrived in Viet Nam as follows; specimen collection kits split between three shipments arriving on the 15, 16 and 17th of April and primers/probes arriving on the 12th April. Primers and probes have been distributed between regional institutes, national level hospitals and provincial CDC following a government distribution plan, however a large proportion of the reagents expired on the 5th and 6th of May. Awaiting importation clearance for release of the specimen collection kits from the airport. A meeting was held by MOH on 9th of May to discuss this importation, what led to delays and how to improve importation in the future. At the meeting WHO clarified that the expiry date was provided before proceeding the importation and highlighted that WHO does not endorse to use the kits after expiry date.
- WHO working with MOH on draft guidelines on use of antigen RDTs, meeting was held on 12th April to discuss draft guidelines. A revised version was circulated for comment amongst technical expert and the final guideline was issued on the 28th of April as Decision No. 2022 / QĐ-BYT. Discussions ongoing for approach to disseminate the guideline and conduct training on RDT use.
- WHO working with counterparts at regional institutes and other international partners to provide refresher training for laboratory staff on testing for SARS-CoV-2, with a focus on ensuring quality of testing and providing updates on variants of concern. Training was held for the central coastal region 15-16th April and is being organized for Southern regions in May/June.
- During MOH meetings held on 13 and 14 May, with regional institutes and all 63 CDC, a need was identified for further training for laboratories on quality assurance of RT-PCR testing. WHO discussing possible support for such training with GDPM and other international partners.

Transmission Stage Assessment

Overall assessment – with the current outbreaks ongoing in country, majority cities/ provinces are now under Stage 1, with six provinces being listed in Stage 2 which require a close monitoring. There is a risk of some provinces moving toward Stage 2 depending on how effective outbreak response and containment efforts being put in place.

Sub-national level

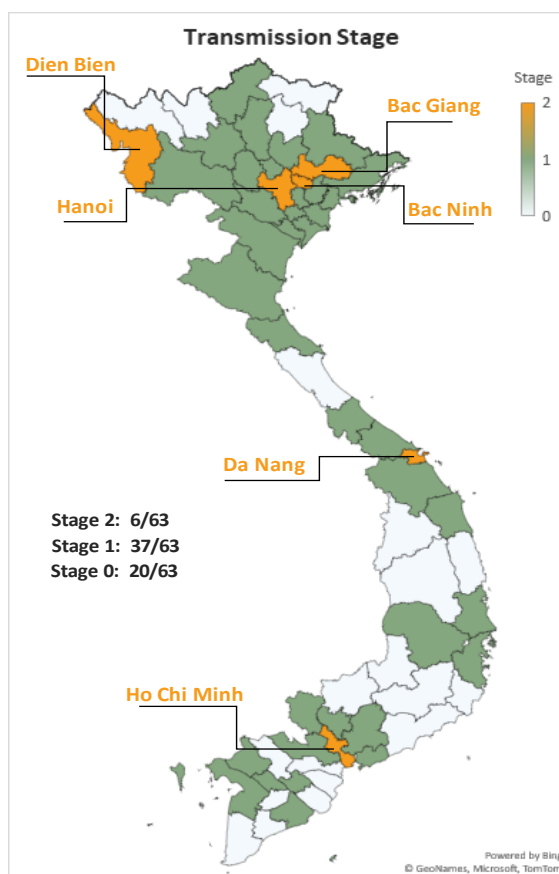
– **Six (6) provinces are in Stage 2 – Ha Noi, Bac Giang, Bac Ninh, Dien Bien, Da Nang and HCMC**

Two additional provinces (Dien Bien and HCMC) have moved to Stage 2 given the latest development during past week. Both Dien Bien and HCMC reported new clusters with unknown epi links. Ha Noi also reported more cases with unknown epi links especially the cluster related to T&T corporation. At least four to five generations of transmission have been observed in these provinces. This indicates localized community transmission with a potential of moving toward a wider community transmission depending on preventive and response measures in place.

– **Thirty-seven (37) provinces are in Stage 1:** While five provinces (Yen Bai, Quang Ngai, Dong Nai, Nghe An, Quang Ninh) have passed at least 14 days since the last community cases were reported, there were provinces with either locally and/or overseas imported cases reported during past week.

– **The remaining 20 provinces are in Stage 0:** These provinces remain with no local cases or imported cases reported in the past more than 28 days.

The current outbreaks involve 30 out of 63 cities/ provinces in country including two major hospitals. **During the past week, more cases and clusters have been identified with unknown sources of infections, especially in Ha Noi, HCMC and Dien Bien. Both B.1.1.7 and B.1.617.2 VOCs have been detected.** As of the week ended on 23 May 2021, 20 provinces are in Stage 0; 37 provinces are in Stage 1, and 6 provinces are in Stage 2. Given a complex and fast moving nature of the ongoing clusters especially those involving industrial parks; those with clusters of unknown source of infection such as Ha Noi, HCMC and Dien Bien, and with mass laboratory testing and contact tracing are ongoing, **there is a very high risk of additional cases continue to be reported from community in the coming days.** Besides, as Viet Nam continues to operate selected international flights, coupled with escalating outbreak situation in the region and beyond the region, **it is expected that imported cases among the incoming travelers and repatriated citizens continue to be detected** despite ongoing border control efforts.



*WHO/WPR Transmission Assessment criteria

- **Stage 0 – No transmission:** No clear signals of transmission for at least 28 days.
- **Stage 1 – Imported transmission:** Recent transmission is imported from another sub-national or international area or is linked to such importation within 3 generations, no clear signals of locally acquired transmission.
- **Stage 2 – Localized community transmission:** recent locally acquired and localized to place(s), and there are no clear signals of large-scale community transmission.
- **Stage 3 – Large-scale community transmission:** recent transmission is locally acquired and not specific to place(s) or population sub-group(s). The risk of infection for most people in this area is high

Assessment done by WHO Viet Nam with concurrence from the Ministry of Health of Viet Nam.

Epidemiology

Epi Update COVID-19

Tests	Cases	Deaths	ICU Admissions
919,727	1,042	5	29
NAT Tests past 7 days (+2.8 times 7-day)	New cases past 7 days (+23.6% times 7-day)	Deaths past 7 days (+2.5 times 7-day)	ICU Admissions past 7 days (+13 cases 7-day)
4,337,689	5,217	42	89 (TBC)
Cumulative NAT Tests	Cumulative Cases	Cumulative Deaths	Cumulative ICU Admissions

8.5%	690	At least 16	11 (TBC)
Imported Cases in past 28 days (201)	Cases in past 28 days with no link (TBC)	Active Clusters	Active clusters with >3 generations

Health Service Provision COVID-19

Most of national hospital staff	5	1,042	1,500	30,000 (TBC)
Health care workers trained in COVID19 Case Management	Healthcare worker cases reported past week (total: 31)	Hospitals admitting COVID-19 patients past week	ICU beds for COVID-19 patients (estimated in TBU currently 30 affected provinces) (out of approx. 3,500 beds nationwide)	Non-ICU Hospital beds for COVID-19 patients (As of 23 May – 30 field hospitals being set up across the country)

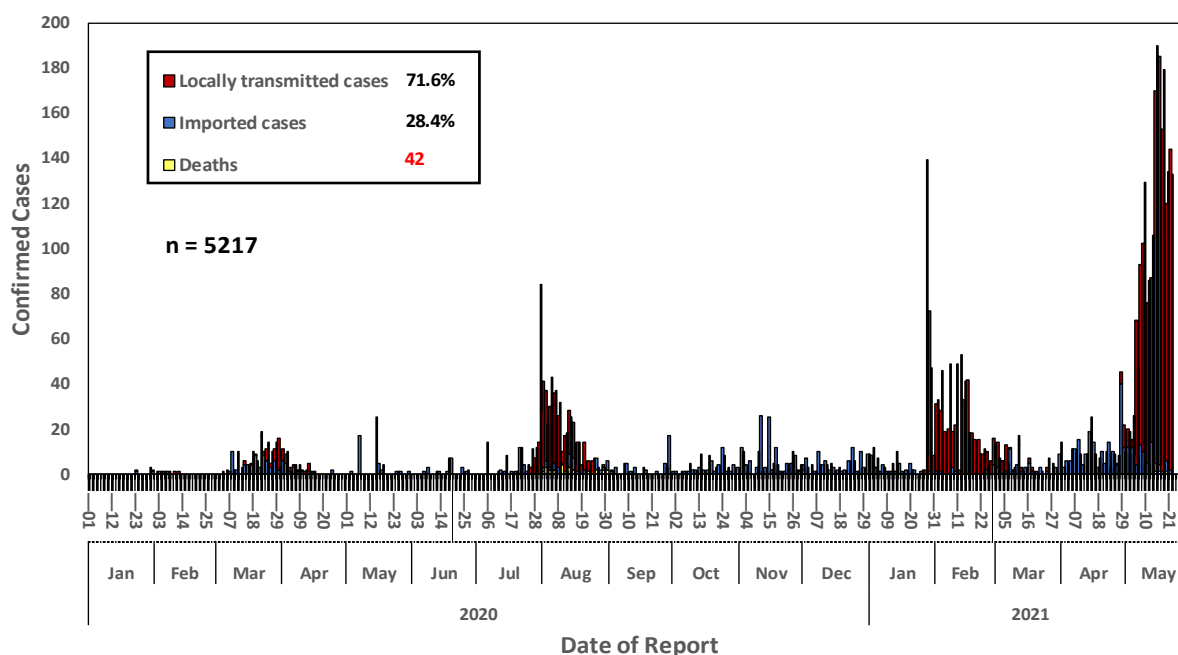


Figure 1. Epidemic curve of COVID-19 laboratory confirmed cases, Viet Nam, by date of reporting, as of 23 May 2021

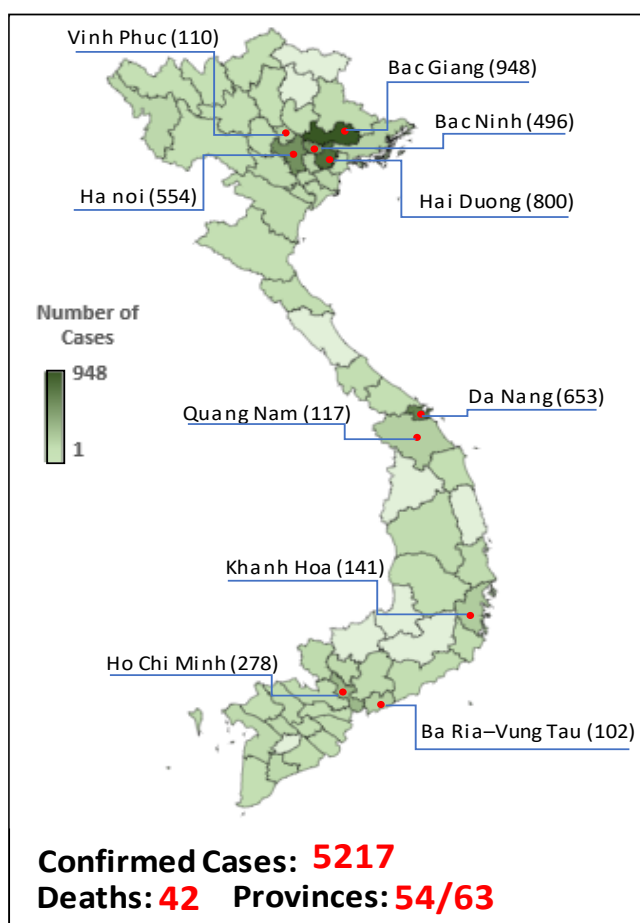


Figure 2. Distribution of cumulative COVID-19 laboratory confirmed cases by place of detection (with top ten provinces with highest case numbers highlighted), Viet Nam, as of 23 May 2021

Age Group	Female		Male	
	Cases	Deaths	Cases	Deaths
0-9	127 (23)	0 (0)	125 (39)	0 (0)
10-19	174 (31)	0 (0)	161 (33)	0 (0)
20-29	818 (161)	2 (0)	698 (81)	0 (0)
30-39	890 (215)	1 (0)	593 (59)	2 (0)
40-49	408 (82)	1 (0)	302 (25)	0 (0)
50-59	244 (27)	5 (0)	242 (24)	3 (0)
60-69	165 (23)	7 (1)	130 (15)	6 (0)
70-79	58 (13)	4 (2)	34 (0)	1 (0)
80-89	22 (4)	6 (0)	16 (3)	2 (1)
90+	5 (0)	1 (1)	5 (0)	1 (0)
Total	2911 (579)	27 (4)	2306 (279)	15 (1)

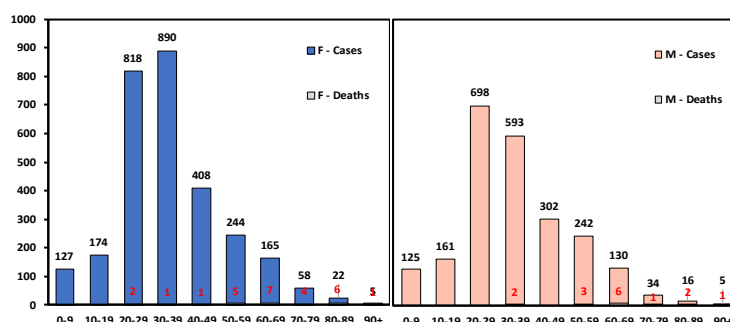


Table 1. Cumulative and new (past 7 days) cases and deaths by age and sex, as of 23 May 2021

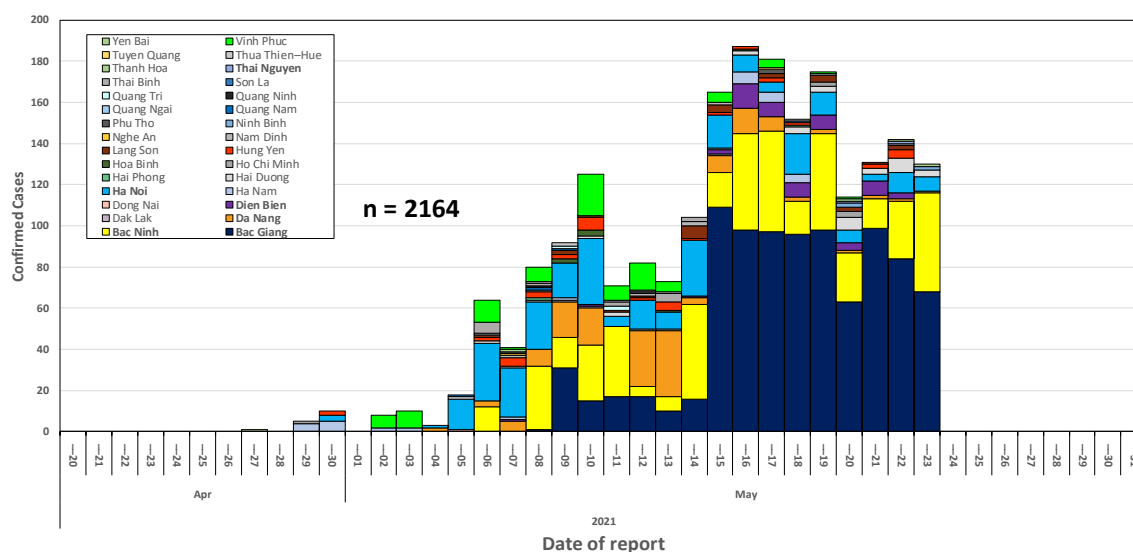


Figure 3. Epidemic curve of COVID-19 laboratory confirmed cases for the current outbreaks, from 27 April – 23 May 2021, Viet Nam, by date of reporting,

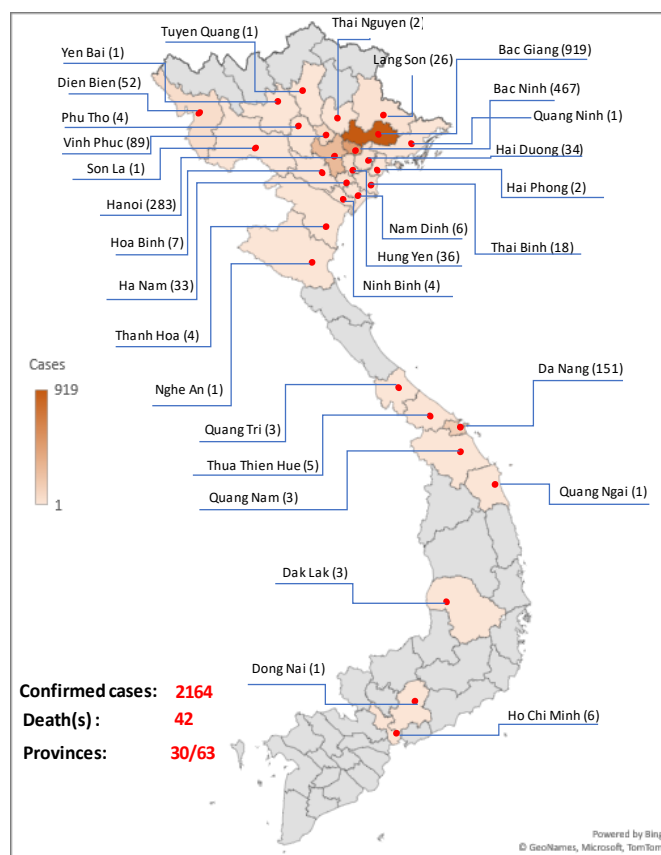


Figure 4. Distribution of COVID-19 laboratory confirmed cases in the current outbreaks by province, Viet Nam, as of 23 May 2021

ANNEX 1

NPIs measures since 29 Apr to 23 May 2021

NPI	Monitoring status					
	Date of first implemented	Date of modified	Implementation	Recommended Required	Partial lift	Lifted
Wearing Face masks, Hand Hygiene, Respiratory	Since 31 Jan 2020		National	Required		
School Closure	4 May 2021		Subnational: 31 out of 63 provinces/cities	Required		
	10 May 2021		39 provinces/cities	Required		
	17 May 2021		45 provinces; students in 15 provinces started early summer holiday from 15 May.	Required		
Workplace Closure	No					
Mass Gatherings	10 May		63 provinces	Required: Ha Nam, Vinh Phuc Recommended in remaining provinces/cities		
	10 May		All 63 provinces	Required		
Stay at Home	29 Apr		Subnational, communes with COVID-19 reported cases	Required at the lockdown areas		
Restrictions on Internal Movement (within country)	4 May		Health declaration, home/centralized quarantine and testing for people arriving from communes with COVID-19 report cases or flights, places under MOH and or DOH urgent notices. Ministry of Transport requested inter-provincial public transport NOT receiving/ dropping passengers in outbreak areas.	Required		
Restrictions on International Travel	Since 22 Mar 2020			Required		
Communities/ hospital lock down	2 May		Subnational: - Lockdown residence areas/villages where COVID-19 cases reported: Ha Nam, Vinh Phuc, Hung Yen, HCMC, and Quang Nam - Lockdown 2 hospitals, one in Vinh Phuc and one in Da Nang	Required	19 May- Lifted social distancing in Vinh Yen City, Vinh Phuc province;	



**World Health
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			<ul style="list-style-type: none">- 3 May, lockdown a Cruise ship in Ha Long bay- Lock down NHTD in Ha Noi- Lock down a market in Da Nang- Lock down Thai Binh General hospital; Lung hospital in Lang Son province- 7 May – Social distancing in 5 districts (including Bac Ninh City) in Bac Ninh province, Vinh Yen City of Vinh Phuc province, and Hoang Mai Dist. of Nghe An province.- Lock down Quynh Lap National Dermatology hospital in Nghe An- Lock down K (Oncology) hospital No. 3 in Ha Noi- Lockdown and social distancing additional districts or communes in Hoa Binh, Ha Noi, Hung Yen, Thai Binh and TT - Hue- As 20 May: Social distancing in 3 districts in in Bac Ninh province; 5 districts in Bac Giang province.21 May: Social distancing in Hai Duong City, Hai Duong province		<p>Military 105 hospital</p> <p>20 May- lifted social distancing in Thai Binh province</p> <p>21 May: Lifted lockdown Quynh Lap National Dermatology hospital in Nghe An province</p> <p>23 May: Lifted lockdown 2 premises of K hospital</p>	
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