

Viet Nam COVID-19 Situation Report #45

Report as of 6 June 2021, 18:00

Situation Summary

Highlights of Current Situation Report

- **The current outbreaks are being brought under control with fewer number of new cases reported during the week.** A total of **1,587 new cases were reported (decreased 15% compared to previous week)** including **six deaths**. As of **6 June 2021**, there have been **5,621 locally acquired COVID-19 cases including 35 health care workers (HCW)** reported from **39 cities/ provinces** across the country (five more provinces reported cases this week). **Eighteen (18) deaths** have been reported in the current outbreaks. **626 cases (10.6%) have recovered.**
- **Five cities/provinces reported highest number of cases** include **Bac Giang (3,089); Bac Ninh (1,093); HCMC (376); Ha Noi (272;** excluding cases from 2 hospitals); and **Da Nang (158).** *See Figure 4*
- **Fifteen (15) provinces have passed at least 14 days** since the last local cases reported: Yen Bai; Dong Nai; Quang Ngai; Nghe An; Quang Ninh; Quang Nam; Quang Tri; Thua Thien – Hue; Dak Lak; Nam Dinh; Hoa Binh; Tuyen Quang; Phu Tho, Son La; and Ninh Binh.
- 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 are **still cases and clusters reported with unknown source of infection** in various locations including in Ha Noi, Bac Ninh, Bac Giang and HCMC. Investigations are ongoing.

Some highlights on epi situation and response measures taken from ongoing major clusters:

- 1) Bac Giang:** as of 6 Jun, **3,089 cases** have been reported. During last week, on average around 140 cases were reported per day (decreased compared to previous week aver. 170 cases per day) and mostly among the Industrial Park (IP) workers.
 - At least 18,500 F1 contacts identified and tested. More than 18,400 tests conducted in the week.
 - Mass testing continued to be conducted in non-outbreak/ non-social distancing areas.
 - 5 Jun: additional 2,800 workers have been moved out from the epicentre of Nui Hieu village (Quang Chau commune, Viet Yen Dist.) to centralized quarantine facilities in Viet Yen Dist. There remains around 3,000 people including 2,000 workers allowed to stay in the village who have been tested 5 times negative and their rented apartments have also been disinfected. (Nui Hieu village is home for about 9,000 people including more than 8,000 IP workers with renting apartments)
 - Approx. 515,400 smartphones have installed Bluezone (around 28.6% of the province population)
- 2) Bac Ninh:** as of 6 Jun, **1,093 cases** have been reported from more than 134 outbreak spots **across all 8 Districts/towns** in the province; around 6,700 F1 identified in past week.
 - During past week, on average 30-40 new cases were reported per day, mostly among IP workers. There continues a number of cases from community without clear epi links.
 - Continued mass screening tests being conducted in outbreak areas including Khac Niem industrial parks in Phuong Lieu commune, Que Vo Dist.
 - More strict management of dormitories/ rented apartments where workers stay in communities surrounding the factories.
 - Pilot implementation of F1 quarantine: higher risk F1s are managed in centralized quarantine facilities; the remaining undergo home/ residential quarantine.
 - Approx. 600,000 smartphones have installed Bluezone (around 43.8% of the province population)
- 3) HCMC:** **more cases being reported from the 2 latest clusters, especially from the religious mission with unknown epi links.**
 - As of 6 Jun, **376 cases** (more than double last week, around 30 new cases reported per day) have been reported from **21/22 districts**, mostly related to the Christian congregation called Revival Ekklesia Mission

(Phuc Hung religious Mission) cluster in Go Vap Dist. The other cluster emerged last week is related Hoan My Sai Gon hospital.

- VOC B.1.617.2 is detected in both clusters.
 - There were also cases detected in community through fever and cough screening. Investigation is ongoing.
 - More than 7,300 F1 identified last week. **The HCDC has decided to trace up to F4 contacts and test up to F3 contacts** having detected a number of cases among F3 and their incubation period appeared to be short (i.e. 3-5 days) according to epi investigation.
 - Cases linked with Phuc Hung religious mission cluster continue to be reported from other Southern provinces including Binh Duong, Long An, Bac Lieu, Tay Ninh, Tra Vinh, Dong Thap, Gia Lai.
 - Mass testing continues to be conducted with priorities given to higher risk populations/ areas and based on RA related to the ongoing 2 clusters.
 - Social distancing continues being applied in HCMC as per PM's Directive No.15 and in 6 wards of Go Vap Dist. and 1 ward of Dist. 12 as per PM's Directive No.16, starting from 00:00 31 May.
- 4) Ha Noi** – as of 6 Jun, **272 cases** have been reported (50 new cases reported last week, decreased almost 50% compared to previous week) in **22 out of 30 districts and in 10 clusters**.
- New cases reported last week were mostly related to the following clusters: Da Nang; T&T – Times City (6 more cases = 58); Bac Giang (2 cases), Bac Ninh, NHTD#2 (1 case); K hospital (1 case); HCMC (1 case)
 - **The T&T – Times City cluster remains without unknown epi links**
 - Approx. 4K F1 identified and tested; Almost 150K tests conducted
 - **Clusters being brought under control** but still under close observation: K hospital (14 cases; last case reported on 31 May); T&T group (unclear epi links, 61 cases reported since 22 May, so far only cases found among F1 contacts); NHTD#2 (20 cases in Phuc Tho (8); Dong Anh (7); Soc Son (2); Dan Phuong (2); Me Linh (1); Da Nang related (52 cases reported; last case was on 1 Jun); and Hung Yen related (8 cases reported; last case was on 16 May) clusters.
 - **Newly reported clusters:** Centralized quarantine facility in Son Tay Dist (56 cases reported since 23 May); HCMC related (1 case from 30 May on flight from HCMC-HAN, so far no additional cases detected among contacts); Bac Ninh related cluster (26 cases as of 1 Jun related to Mao Dien/ Thuan Thanh Dist. including 2 cases linked with Canon company in Que Vo IP); Bac Giang related cluster (3 cases reported starting from a case who returned from Viet Yen Dist. on 30 May); and Hai Duong (1 case detected through community screening at Duc Giang hospital on 30 May; all 19 F1 contacts tested negative so far) .
 - **As Ha Noi is having multiple clusters with different sources of infection including those with unknown epi links, investigation is ongoing with close monitoring. NPIs remain unchanged.**

Dien Bien and Da Nang situation continues being stable, with no new cases reported in Dien Bien and two cases in Da Nang last week, respectively.

Provinces require close monitoring:

- Lang Son: 19 cases reported last week (cum. Number: 81 cases) with connection with Bac Giang and Bac Ninh
- Other provinces with cases linked with Phuc Hung religious mission cluster from HCMC including Bac Lieu, Tay Ninh, Long An, Dong Thap, Tra Vinh, Binh Duong, Gia Lai.

(See previous Sitreps for updates before 31 May 2021).

- **During the week (from 31 May – 6 Jun)**, Viet Nam reported **1,640 new cases** including **1,587 locally acquired cases and 53 imported cases**.
 - ✓ The **1,587 locally acquired cases** were reported from 24 cities/ provinces (See Figures 3 and 4).
 - ✓ The **53 imported cases** included 3 foreign nationals (1 Russian and 2 Chinese) and 50 Vietnamese repatriated citizens.
- **As of 6 June**, Viet Nam has reported a total cumulative number of **8,747 laboratory confirmed cases** from 54/63 provinces including **53 deaths (PFC 0.6%)** from January 2020 (see Figure 2); of those around **40.5% have recovered**. Three are currently **5,075 patients in treatment** of those majority were either asymptomatic (34.3%) or with mild symptoms (59.9%) (<http://cdc.kcb.vn/covid>).
 - The 6 newly reported deaths were from the current outbreak who have comorbidities or pre-existing medical conditions. This makes a total of 53 deaths from January 2020.
 - Of the 8,747 cases, 1,557 cases (17.8%) are imported. About 97.5% are Vietnamese (see Figure 1).

- The ages of cases range from 2 months to 100 years old. About 52.3% of all cases are in the 30-69 years old group, 2.1% above 70 years old, and the remaining 45.6% under 30 years old. The proportion of male vs female is around 41% vs 59%. (See *Table 1*).
- From 27 Apr to 6 June: **more than 57,700 F1 contacts** have been identified and have been quarantined and tested in 24 affected cities/ provinces that have not passed 14 days since the last cases reported.
- The installation and use of **Bluezone** application is being accelerated: Ministry of Information and Communication sent technical teams to Bac Giang and Bac Ninh to support its installation on smartphones of population and to provide App instruction.
- **CovidMaps**, a digitalized interactive epi mapping with real-time data and information, is being developed in more localities to support local authorities in their decision-making process for outbreak response. So far, 9 provinces have developed CovidMaps.
- 5 Jun 2021 – The Government officially inaugurated the **COVID-19 vaccine FUND**.
- An IHR notification was submitted by Viet Nam on 29 May, outlining that in the North of Viet Nam the virus out of the 32 patient samples have been identified as the Delta variant. Out of these, a Y144 deletion mutation in the Spike protein was found in 4 samples. Sequences of these 4 virus were shared on GISAID on 01 June.

Vaccine supply and deployment:

- **As of 6 Jun, a total of 1,248,559 doses of vaccines have been administered cumulatively.**
- 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.
- **Phase 2 vaccine allocation planned** for 811,200 AZ COVID-19 vaccine doses through COVAX. Phase 2 vaccination has completed on 30 May, **63 cities/provinces** have vaccinated to **941,262 people including first and second doses as of 30 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).
- Phase 3, 2nd COVAX shipment, with total of additional 1,682,400 doses. As of 6 Jun, **206,611 doses have been vaccinated**. There are 5,222 mild AEFIs, 9 serious AEFIs and 1 fatal case reported.
- 2nd bilateral shipment arrived Vietnam on **26 May 2021**, with 288,000 doses of Oxford/AstraZeneca COVID-19 vaccines. Government has allocated the vaccines for 22 priority provinces.
- **26 May 2021** Government approved the creation of a special fund to drive an effective vaccination programme against COVID-19 as per **Resolution 53/ND-CP and Decision 779/ND-CP**. The fund will be used for arranging financial resources and materials for the procurement, production and the use of vaccines.

For update before 24 May 2021 – See previous Sitreps

Government direction and key public health response measures:

(refer to previous Sitreps for updates before 31 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 adjusted regularly as the situation evolves.**

- **5 June**, the PM sent a urgent telegram to all ministries and PPCs requesting continued strictly implementation of all directions on the dual objectives of the communist party, the direction of the PM, NSC, and other regulations on COVID-19 prevention and control; all PPCs Chairmen to discuss with their respective provinces/cities on management of transportation activities including those for workers, goods and materials to ensure IPC but avoiding trade restriction; the relevant ministries to promptly support province/cities to solve any difficulties to ensure achieving overall socio-economic development targets in 2021.
- **2 June**- at the NSC meeting: the NSC members reviewed COVID-19 prevention and control activities in HCMC, Bac Giang and Bac Ninh provinces. The DPM requested MOIT to enhance research on new laboratory techniques, since current mass testing methods are labour intensive and financial consuming. The DPM also requested MOH to develop and issue laboratory procedures for incoming travellers and to consider shortening the quarantine duration to 7 days for those who have been vaccinated or have gained antibodies.

- **1 June:** MoH asked all localities to strengthen surveillance including screening of all cases with fever, cough, and ILI symptoms who present to HCFs as well as to local pharmacies to buy medication for fever and cough. HCFs are requested to instruct patients to fill out health declaration forms, to measure body temperature, to ask about epidemiology history and to conduct antigen RDT or RT-PCR testing on the patients. Clinics and pharmacies are requested to instruct patients to fill out health declaration forms and to report to local authorities for monitoring and testing if necessary.
- **31 May** – The National Steering Committee issues the Decision No. 2686 signed by the Minister for Health **guiding Assessment of Risk level for COVID-19 and Respective Non-Pharmaceutical Interventions for COVID-19 Prevention and Response**. This Guidance serves as the basis for localities to actively conduct their own RA for the COVID-19 situation and apply appropriate public health interventions/ response measures, in consultation with national level. Though this immediately comes into effect, the guidance will be further updated/ adjusted as needed to suit the evolving pandemic situation.

❖ **Community lockdown and social distancing:**

- **3 June** - Hai Duong started implementing Directive No. 15 in 11 districts, and Hai Duong City started implementing Directive No. 15 plus (also prohibiting gathering more than 2 people at public places).
- **2 June** - Three cities in Binh Duong province implementing COVID-19 prevention and control measures as Directive No. 15.
- **From 0:00 31 May**- HCMC: lockdown Go Vap Dist. and one commune of Dist. 12I; other districts to implement COVID-19 prevention and response measures as per the PM's Directive No.15 dated 27 Mar 2020 including suspension of meeting, no gatherings with more than 20 people in a room, no gatherings with more than 5 people outside schools, hospital, offices, ensure 2-meter distance in public places, and suspension of non-essential services. Suspension of buses to HCMC from the South and Central provinces (Lam Dong, Long An, Tien Giang, Tay Ninh, An Giang, Lam Dong, Binh Phuoc, Ba Ria Vung Tau; Binh Thuan, Bac Lieu, Quang Ngai, Dong Nai. HCMC prohibited all buses to and from Go Vap Dist.
- **As of 6 June**, 16 hospitals and 2 clinics are currently under lockdown or temporary closed part of the hospital including Ha Noi (3), Dien Bien (1), HCMC (11 hospitals and 2 clinics), and Long An (1). **See Annex 2** for more details on hospital lockdown.

❖ **School closure:**

- As of 6 June- HCMC, Bac Giang, Bac Ninh, Hai Duong, Da Nang, and Dien Bien provinces/cities postponed 10th grade entrance exam until further notice.
- From 25 May, all school students are on summer holidays, except students in grades 9 and 12 who are following online classes.

For update before 31 May – see previous Sitreps

❖ **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.
- 5 June: Temporary suspension of all flights from/to Con Dao, Ba Ria-Vung Tau province.
- 5 June: Temporary suspension of flights to/from Tan Son Nhat airport (HCMC) – Van Don airport (Quang Ninh province), Tan Son Nhat airport –Pleiku (Gia Lai province),
- 3 June: Suspension of flights from/to Tan Son Nhat airport, HCMC - Cat Bi airport, Hai Phong city.

❖ **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



**World Health
Organization**

Representative Office
for Viet Nam

Viet Nam

Coronavirus Disease 2019 (COVID-19) Situation Report #45

6 June 2021

Report as of 6 June 2021



❖ 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 1,340,903 with 1,674 positive samples, giving a positivity rate of 0.12%. Currently there remain 175 laboratories permitted to test for COVID-19 by RT-PCR, with 144 designated as confirmatory laboratories.
- Following Decision No. 2022 / QĐ-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. Antigen RDTs have been deployed to Bac Ninh and Bac Giang to relieve pressure on the testing laboratories.
- Sequencing of the virus related to the Vinh Phuc cluster, the Indian experts, hotel staff member as well as the Vinh Phuc province Sunny karaoke staff and a related case in Hai Duong determined the virus in all cases as the Delta variant (PANGO lineage B.1.617.2), indicating the hotel as a likely common source. The Delta variant carries one of the mutations of concern associated with this lineage; the L452R mutation, which may be associated with higher transmissibility. The Delta variant detected in this cluster 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 cluster revealed the Alpha variant (B.1.1.7 variant), which is currently widely circulating globally. In addition, sequencing of one case in Hai Phong was also revealed to be the Alpha variant.
- Sequencing of the virus related to NHTD revealed two lineages associated with this hospital the Alpha variant and the Delta variant. 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 the Delta variant.
- Sequencing of virus from 32 specimens of patient related to the Da Nang cluster also revealed 30 to be the Alpha variant and two as the Delta variant, indicating at least two sources of infection.
- Sequencing of two cases of community transmission in HCMC Thu Duc cluster was Delta variant whilst a case in District 3 was determined to be the Alpha variant. Virus associated with both the Go Vap and Hoan My Sai Gon hospital clusters identified as the Delta variant.
- Sequencing of samples from cases in Dien Bien, Ha Noi and Hai Phong also revealed to be B.1.617.2.
- From these clusters in the North of Viet Nam virus from a total of 42 patient samples have been identified as belonging to lineage the Delta variant. Out of these, on 29 May NIHE reported that a Y144 deletion mutation in the Spike protein was found in 4 samples; 3 of the samples from Ha Noi and 1 from Hai Phong. The Y144 deletion was not present in the other 38 the Delta variant. This Y144 deletion mutation is similar to the Y144 deletion characteristic of the mutation of the Alpha variant, although the mutation has been reported in other the Delta variant it remains rare. An IHR notification was submitted by Viet Nam with this information on 29 May and the genome sequence of the 4 Delta variants with the Y144 deletion was submitted to GISAID on 01 June. The WHO Virus Evolution Working Group is aware of this report and is investigating the current situation. WHO and MOH have also been working to clarify these facts following a large degree of media attention surrounding the Delta variant with the new mutation.
- 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.
- Meeting was held between GDPM, RI's, WHO and US-CDC on 27 of May to discuss currently laboratory issues including biosafety challenges, and to plan how to best use specimen pooling and RDTs to respond to the current outbreaks, whilst ensuring safety of staff.

- Following images on social media of exhausted laboratory workers and sub-optimal use of PPE, GDPM plans to revise guidance related to biosafety to include advice on when PPE should and should not be used, as well as steps to avoid burnout of laboratory workers.

❖ **Case management:**

- As of **6 June, 3,490 of 8,625 cases (40.5%)** have recovered. **53 deaths, 5,075** patients are being isolated, monitored and treated in 103 hospitals. Majority of the cases are either asymptomatic (**34.3%**) or with mild symptoms (**59.9%**).
- As of 6 June, there are **7 critical cases with ECMO** (4 in NHTD, 2 in Bac Giang Lung hospital, 2 in HCM HTD), **23 critical cases with mechanical ventilation, 31 severe cases with HFNC**, 111 severe cases with nasal prong oxygen. Six additional fatal cases: (case 48th-53rd); (# 3354, # 5463, #3780, #3153, #4369, #3018) between 31 May and 6 June. For more details, pls visit: <https://ncov.moh.gov.vn/>

Hospital clusters:

- **NHTD#2:** Total of 94 cases, including 10 HCWs (3 in ICU, 1 doctor is studying medicine, 2 in OPD, 3 in General infectious diseases department, 1 from unidentified department); 50 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 non 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 49, including 41 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:** 35 HCWs
 - ✓ Phuc yen hospital: 1 doctor
 - ✓ NHTD: 10: (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
 - ✓ Bac Thanh Long- Ha Noi hospital: 01 doctor
 - ✓ Thanh Nhan hospital: 2 nurses
- **Capacity on Health care facilities:**
 - ✓ Total field hospitals established in 34 provinces with on-going outbreak: estimated 50 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 1,600 beds
 - ✓ About 1,400 HCWs mobilized to support Bac Ninh and Bac Giang
 - ✓ Bac Giang establish new ICU centre with 101 beds

❖ **Risk communication**

- Government provides timely and transparent communication, advice and guidance to the public, in multiple channels, on various public health measures and actions by the Government. These are disseminated in local media as well as in social media platform, such as the MOH Facebook page: [VNM MOH Sức khỏe Việt Nam](https://www.facebook.com/VNM.MOH.Suc.Khoe.VietNam).
- Media agencies are given timely and regular updates on outbreak situation and Government action for content in media reports to the public.
- Vietnam News Agency has developed specialized webpages on COVID-19, and available in these links: <https://ncov.vnanet.vn/> and <https://covid19.vnanet.vn>. These webpages are also available in various languages, with the Fanpage in Vietnamese version available in this link: www.facebook.com/ThongtanxaVietNam/

- There was significant media engagement following the announcement of the additional mutation on the Delta variant in Viet Nam. Major international and local media covered the news as well as the interviews with WHO and other partners.
- There is also significant coverage on the Viet Nam's contribution to the COVAX Facility, establishment of the COVID-19 vaccine fund through private sector engagement and also procurement of vaccines by private companies.
- Key communication products focusing on health workers were issued:
 - o [Thank You Health Workers and Responders from WHO](#)
 - o [Advice to health workers to deal with stress](#)
 - o [Appropriate Personal Protective Equipment for Health Workers](#)
- MOH and WHO continue with proactive messaging to support 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:
 - o [Guidance for contacts of confirmed COVID19 cases.](#)
 - 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 materials highlighting that smokers with COVID-19 are at greater risk of progressing the disease and leading to early death have been issued by MOH and WHO. These social media posts, such as [Smokers have higher risk of severe COVID and death](#) have reached more than 25 million Facebook users in Viet Nam.

Media monitoring and Social listening

Viet Nam's outbreak situation

- o Vietnam records nearly 5,500 local infections in six weeks
 - <https://tuoitrenews.vn/news/society/20210606/vietnam-records-nearly-5500-local-infections-in-six-weeks/61339.html>
- o Vietnam's "new COVID variant" part of existing Indian strain: WHO
 - <https://asia.nikkei.com/Editor-s-Picks/Interview/Vietnam-s-new-COVID-variant-part-of-existing-Indian-strain-WHO>
- o WHO rules out new 'hybrid' COVID variant in Vietnam – Nikkei
 - <https://www.reuters.com/world/india/who-rules-out-new-hybrid-covid-variant-vietnam-nikkei-2021-06-03/>

Viet Nam's control measures

- o Quarantine time for vaccinated inbound passengers reduced
 - <https://vnexpress.net/rut-ngan-thoi-gian-cach-ly-nguoi-nhap-canh-da-tiem-vaccine-4288263.html>
- o Avoid excessive COVID-19 measures that disrupt business and production: Gov't
 - <https://vietnamnews.vn/politics-laws/967647/avoid-excessive-covid-19-measures-that-disrupt-business-and-production-govt.html>

Vaccination updates

- o Viet Nam authorized Sinopharm vaccine
 - <https://vnexpress.net/viet-nam-phe-duyet-vaccine-covid-19-cua-sinopharm-4288865.html>
- o Viet Nam to buy 20 million doses of Sputnik V vaccine this year
 - <https://tuoitrenews.vn/news/society/20210603/vietnam-to-buy-20-mln-doses-of-sputnik-v-vaccine-this-year/61291.html>
- o Bac Giang finished administering 150,000 doses
 - <https://vnexpress.net/bac-giang-hoan-thanh-tiem-150-000-lieu-vaccine-covid-19-4289769.html>

SOCIAL LISTENING

- Key topics on social media center on vaccination, variants and mutations, Viet Nam's contribution to the COVAX Facility, and establishment of the COVID-19 vaccine fund
- After the Sinopharm vaccine was authorized for emergency use, some have asked questions on the safety and expressed hesitancy in taking the vaccine

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; testing strategies; 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); Situation updating; reporting and data management.

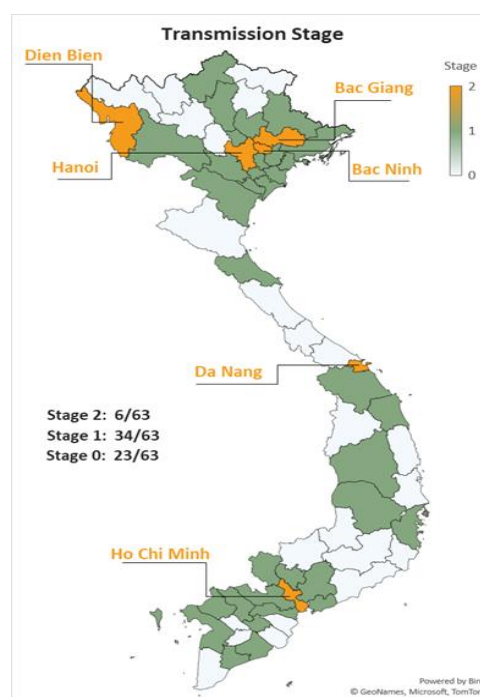
For updates before 31 May - See previous Sitreps

Transmission Stage Assessment

Overall assessment – with the current outbreaks ongoing in country, there are six provinces that remain in Stage 2; 34 provinces in Stage 1 and the remaining 23 provinces in Stage 0. During the week, 6 provinces have moved from Stage 1 to Stage 0 and two provinces have moved from Stage 0 to Stage 1. There is a risk of some provinces moving toward Stage 1 and 2 depending on how the situation evolves and local response efforts.

Sub-national level

- Six (6) provinces remain in Stage 2** – Bac Giang, Bac Ninh, HCMC, Ha Noi, Da Nang and Dien Bien
Bac Giang, Bac Ninh, HCMC and Ha Noi situation continued to evolve with additional cases being reported from existing clusters including those with unknown epi links. Multiple generations of transmission have been observed in these provinces indicating localized transmission. Da Nang and Dien Bien situations continued to be stable with few cases reported but with well-established epi links.
- Thirty-four (34) provinces are in Stage 1:** While 15 provinces 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. Two provinces (Bac Lieu and Dong Thap) have moved from Stage 0 to Stage 1 this week.
- Twenty-three (23) provinces are in Stage 0:** These provinces remain with no local or imported cases reported in the pass at least 28 days; or have passed 28 days since the last cases reported. Six provinces (Phu Tho, Nghe An, Quang Tri, Thua Thien – Hue, Binh Thuan and Can Tho) moved from Stage 1 to Stage 0 this week.



The current outbreaks involve 39/63 cities/ provinces in country including two major hospitals and major industrial parks. **During the past week, additional cases and clusters have been identified including those with unknown sources of infections, especially in HCMC and Ha Noi. Both B.1.1.7 and B.1.617.2 VOCs have been detected.** Y144 deletion mutation in the Spike protein was found in 4/32 patients' samples with lineage B.1.617.2 from Northern Viet Nam. As of the week ended on **6 June 2021, 23 provinces are in Stage 0; 34 provinces are in Stage 1, and 6 provinces remain in Stage 2.** Even though number of new cases reported this week decreased 15% compared to previous week, given a complex nature of the ongoing clusters and with mass laboratory testing and contact tracing are ongoing, **more cases are expected in the coming days.** Besides, **more imported cases among incoming travelers and repatriated citizens are also expected.**

*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
1,340,903	1,640	6	50 (TBU)
NAT Tests past 7 days (+2.2 x 7-day)	New cases past 7 days (-15% 7-day)	Deaths past 7 days (+20% 7-day)	ICU Admissions past 7 days (+21 cases 7-day)
6,282,417	8,747	53	134 (TBC)
Cumulative NAT Tests	Cumulative Cases	Cumulative Deaths	Cumulative ICU Admissions

2.3%	4,145	At least 25	11 (TBC)
Imported Cases in past 28 days (126)	Cases in past 28 days with no link (TBD)	Active Clusters (TBD)	Active clusters with >3 generations

Health Service Provision COVID-19

Most of national hospital staff	3	1,640	1,500	30,000 (TBC)
Health care workers trained in COVID19 Case Management	Healthcare worker cases reported past week (total: 35)	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; one ICU centre det up in Bac Giang)

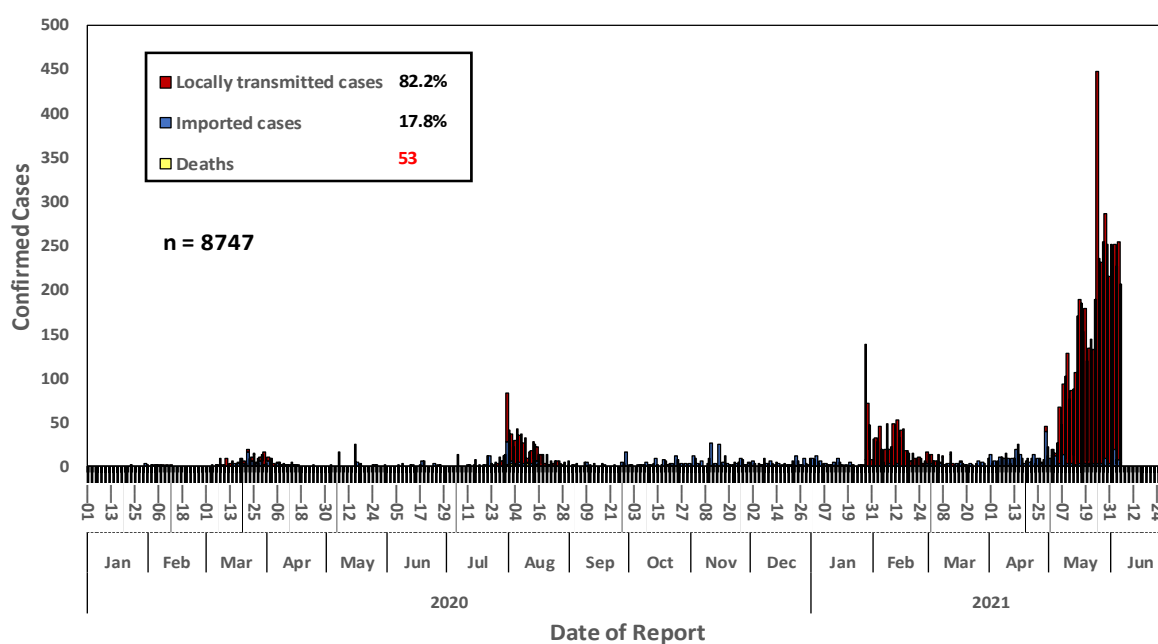


Figure 1. Epidemic curve of COVID-19 laboratory confirmed cases, Viet Nam, by date of reporting, 23 Jan 2020 – 6 Jun 2021

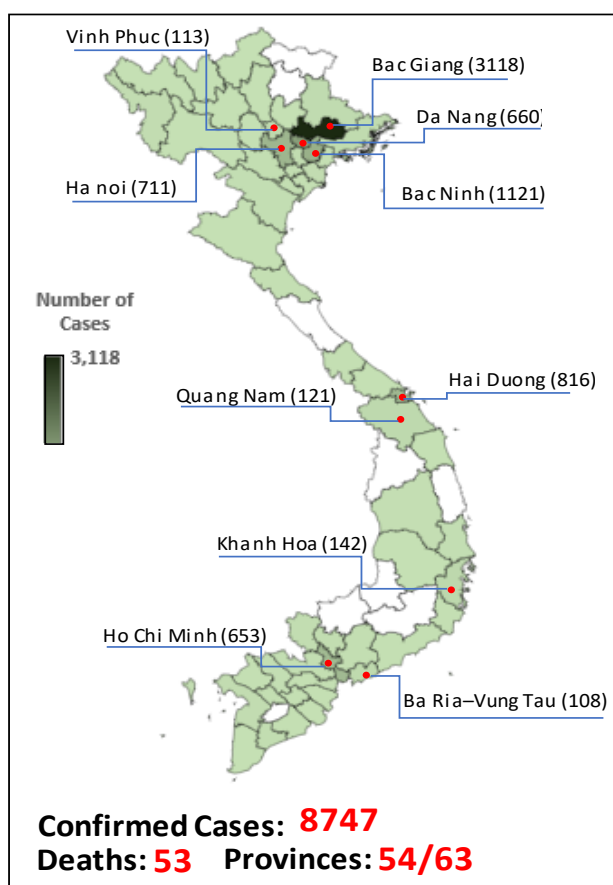


Figure 2. Distribution of cumulative COVID-19 laboratory confirmed cases by place of detection (with top ten provinces with highest case numbers highlighted), Viet Nam, 23 Jan 2020 – 6 Jun 2021

Age Group	Female		Male	
	Cases	Deaths	Cases	Deaths
0-9	208 (30)	0 (0)	222 (43)	0 (0)
10-19	341 (87)	0 (0)	293 (69)	0 (0)
20-29	1704 (411)	3 (0)	1214 (270)	0 (0)
30-39	1615 (322)	4 (2)	909 (153)	2 (0)
40-49	640 (90)	1 (0)	397 (44)	0 (0)
50-59	326 (30)	6 (1)	309 (31)	4 (0)
60-69	214 (22)	8 (0)	167 (14)	8 (2)
70-79	74 (7)	4 (0)	49 (9)	2 (1)
80-89	33 (4)	6 (0)	19 (1)	3 (0)
90+	8 (3)	1 (0)	5 (0)	1 (0)
Total	5163 (1006)	33 (3)	3584 (634)	20 (3)

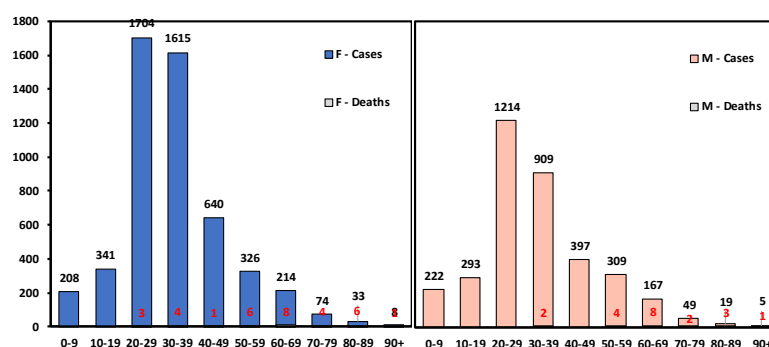


Table 1. Cumulative and new (past 7 days) cases and deaths by age and sex, 23 Jan 2020 – 6 Jun 2021

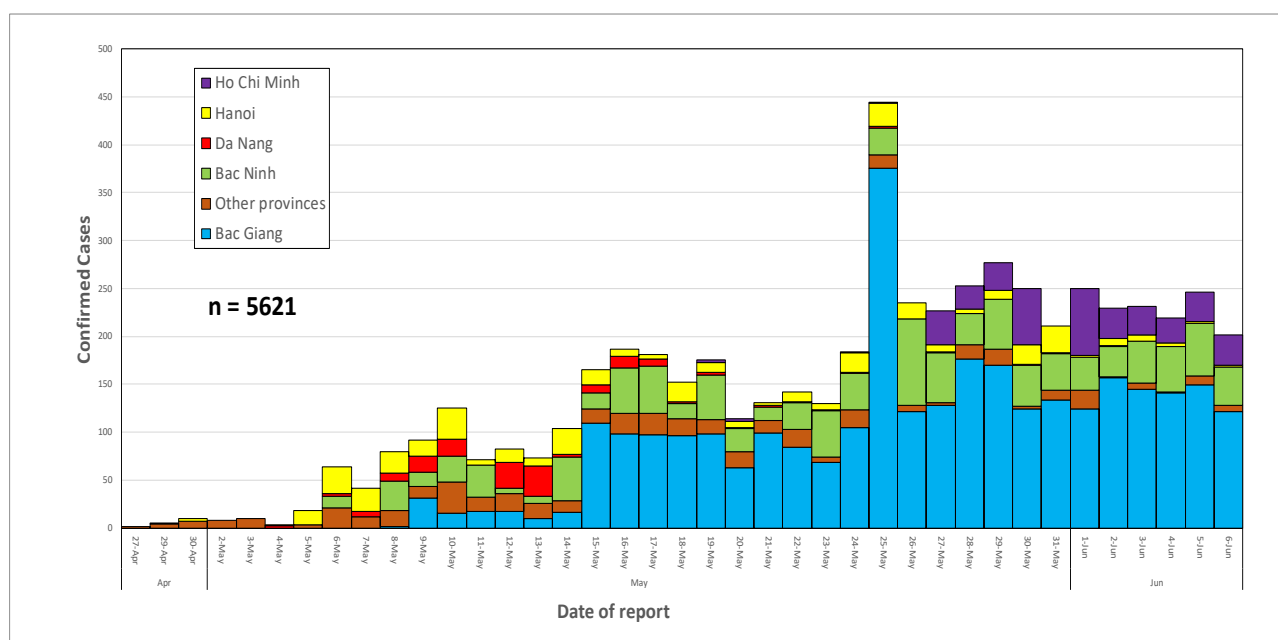


Figure 3. Epidemic curve of COVID-19 laboratory confirmed cases for the current outbreaks, from 27 Apr – 6 Jun 2021, Viet Nam, by province and date of reporting

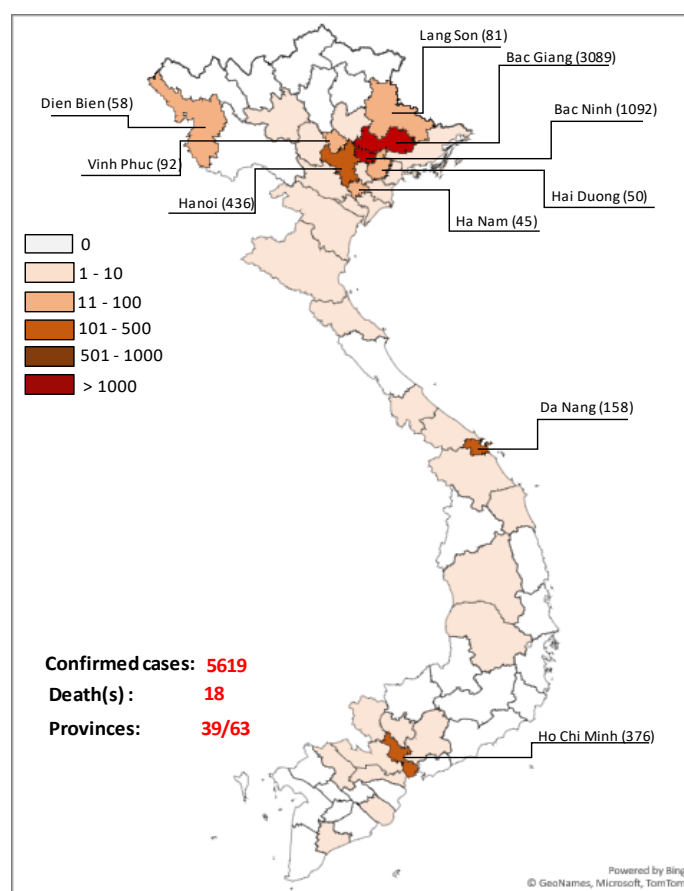


Figure 4. Distribution of COVID-19 laboratory confirmed cases in the current outbreaks by province, Viet Nam, 27 Apr – 6 Jun 2021

ANNEX 1

NPIs measures, from 29 Apr to 6 Jun 2021

NPI	Monitoring status					
			Implementation		Partial lift	Lifted
	Date of first implemented	Date of modified	Geographical (national or subnational)	Recommended Required	Lifted for some area	Lifted for all areas
<i>Wearing Face masks, Hand Hygiene, Respiratory</i>	Since 31 Jan 2020		National	Required		
<i>School Closure</i>	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		
	25 May		all school students are now on summer holidays, except students in grade 9 and 12 who are following online study	Required		
	31 May		6 provinces/cities postpone 10 th grade entrance 10 exam until further notice	Required		
<i>Workplace Closure</i>	No					
<i>Mass Gatherings</i>	10 May		63 provinces	Required: Ha Nam, Vinh Phuc Recommended in remaining provinces/cities		
	10 May		All 63 provinces	Required		
<i>Stay at Home</i>	29 Apr		Subnational, communes with COVID-19 reported cases	Required at the lockdown areas		
<i>Restrictions on Internal Movement (within country)</i>	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		
	31 May		Suspension of buses to HCMC from the South and Central provinces	Required		
<i>Restrictions on International Travel</i>	Since 22 Mar 2020			Required		
<i>Communities/ hospital lock down</i>	2 May		Subnational: - Lockdown residence areas/villages where COVID-19 cases reported: Ha	Required	19 May- Lifted social	



			<p>Nam, Vinh Phuc, Hung Yen, HCMC, and Quang Nam</p> <ul style="list-style-type: none"> - Lockdown 2 hospitals, one in Vinh Phuc and one in Da Nang - 3 May: lockdown a Cruise ship in Ha Long bay; 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; 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 - 26 May: Extension of lockdown NHTD until 8AM 9 June - 27 May: Restaurants/ coffee shops only serve takeaways; closed hairdressers, public mass gatherings - 29 May: as of 00:00, Huu Lung Dist. of Lang Son applied social distancing as per PM's Directive No.16 in communes with reported cases. - 30 May: Suspension of all religious activities, non-essential services, entertainment services, sport activities; prohibited gatherings with more than 10 people at public places in Can Tho, Bac Lieu, Binh Duong and Dong Nai province. From 0:00 31 May: lockdown Go Vap district and one commune of District 12, other districts in HCMC implement COVID-19 prevention and response measures as PM Directive # 15 including suspension of meeting, no gatherings with more than 20 people in a room, no gatherings with more than 5 people outside schools, hospital, offices, ensure 2-meter distance in public places, and suspension of non-essential services. 		<p>distancing in Vinh Yen City, Vinh Phuc province; 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> <p>24 May: Lifted lockdown Traditional Medicine hospital in Vinh Phuc province.</p> <p>25 May: Lifted lockdown Phuc Yen general hospital in Vinh Phuc province and Hoan My hospital in Da Nang</p> <p>27 May: Lifted</p>	
--	--	--	--	--	---	--

			<p>- 2 June: 3 cities in Binh Duong province implemented COVID-19 prevention and control measures as Directive 15 of the PM dated 27 Mar 2020</p> <p>- 3 June: Hai Duong implement Directive # 15 of the PM in 11 districts, and Hai Duong City implement Directive # 15 plus (prohibited gathering more than 2 people at public places).</p>		lockdown Lang Son Lung hospital	
--	--	--	---	--	--	--

ANNEX 2:

Hospital lockdown as of 6 June

Province/city	Hospital	Date of lockdown/close	Reasons of lockdown/close	Date of Lifted (TBU)
Ha Noi (3 hospitals)	NHTD#2	5 May	Cluster of 14 cases (1 health staff, 4 care givers, and 9 patients) reported on 5 May	
	K #3 (Tan Trieu premise)	7 May	Cluster of 11 cases reported on 7 May (4 care givers and 7 patients)	
	Bac Thang Long hospital (closed COVID-19 screening unit only)	7 June	Visited by one COVID-19 case.	
Dien Bien (1 hospital)	Dien Bien Phu city field hospital	19 May	Three staff members of the hospital were positive with SARS-CoV-2	
Ho Chi Minh City (11 hospitals and 2 clinics)	Under full lockdown: 6 hospitals, 2 general clinics			
	Gia Dinh hospital	27 May	3 index cases of Phuc Hung religious group) visited the hospital on 26 May	
	Hoan My hospital	27 May	Visited by a COVID-19 case	
	Tan Phu District hospital	28 May	Three cases (3 members of a family) visited the hospital	
	Nam Sai Gon hospital	2 June	A hospital staff (laboratory staff) positive with SARS-CoV-2 through regular test for hospital staff	
	Tran Diep Khanh general clinic	28 May	Visited by a COVID-19 case.	
	Xom Moi clinic	28 May	Visited by a COVID-19 case.	
	Binh Thanh hospital	31 May	3 visits of COVID-19 case (17, 19, and 29 May)	
	Under partially close/ lockdown: OPD or part of OPD of 5 hospitals			
	Quan Dan Y Mien Dong hospital: closed OPD	28 May	Visited by a COVID-19 case.	
	Pediatric hospital number 1: closed part of OPD	1 June	Visited by a COVID-19 case	
	Mekong ObGyn hospital: closed part of OPD	1 June	Visited by a COVID-19 case	
	Go Vap District hospital: closed OPD	2 June	Visited a COVID-19 case	
	Le Minh Xuan mental health hospital: closed OPD	2 June	Visited by a COVID-19 case	
	Can Duoc district hospital	30 May	Visited by a COVID-19 case (F2 of a case in HCMC)	
Long An province (1 hospital)	Can Duoc district hospital	30 May	Visited by a COVID-19 case (F2 of a case in HCMC)	