

Viet Nam COVID-19 Situation Report #44

Report as of 30 May 2021, 18:00

Situation Summary

Highlights of Current Situation Report

- The current outbreaks continued to evolve with a fast pace during last week. A total of **1,870 new cases were reported (increased 86% compared to previous week)** including **five deaths**. **As of 30 May 2021**, there have been **4,034 locally acquired COVID-19 cases including 32 health care workers (HCW)** reported from **34 cities/provinces** across the country. **Twelve (12) deaths** have been reported.
- **Five cities/provinces reported highest number of cases** include **Bac Giang (2,118)**; **Bac Ninh (803)**; **Ha Noi (222)**; excluding cases from 2 hospitals); **HCMC (157)**; and **Da Nang (156)**. *See Figure 4*
- **Six (6) provinces have passed 21 days** since the last local cases reported: Yen Bai (34 days); Dong Nai (26 days); Quang Ngai (25 days); Nghe An (24 days); Quang Ninh (22 days); and Quang Nam (21 days); **Five (5) provinces have passed at least 14 days** since the last local cases reported: Quang Tri (20 days); Thua Thien – Hue (20 days); Dak Lak (17 days); Nam Dinh (16 days); and Hoa Binh (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 continue to be **an increasing number of cases with unknown source of infection** or with **unclear epi links** reported from various locations especially **from Ha Noi, HCMC, Bac Ninh and Bac Giang**. Investigations are ongoing.
- **Vigorous response with aggressive contact tracing and mass testing** are being conducted in outbreak areas. Below are some **highlights on epidemiological situation and response measures taken during the week from the provinces with major ongoing clusters**
 - 1) **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, 2,118 cases have been reported in province by 30 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.
 - Six provinces have reported cases linked with Bac Giang clusters including Lang Son, Tuyen Quang, Bac Ninh, Son La, Thanh Hoa, and Thai Nguyen
 - During last week, high number of cases (on average, around 170 cases per day) continued to be reported among Industrial Park (IP) workers.
 - While most of the newly reported cases were among the F1 contacts or those already in lockdown areas, there were cases in community with unclear epi links.
 - There are at least four major IPs located in the same District of Viet Yen with complex movements and connections among workers who come from many provinces across the country.
 - At least 17,000 F1 contacts identified and tested so far.
 - At least 114,000 tests have been conducted.
 - Mass testing is being conducted in non-outbreak/ non-social distancing areas. On 28 May alone, 14,000 workers have been tested in areas with highest risk of transmission where cases among workers stay (e.g. Hosiden company). More cases are expected to be detected as testing continues but a 24-hour turnaround test results is being ensured.
 - On 28 May, 3,000 F1 workers with low risk and having at least 2 negative tests have been moved out from outbreak hotspot of Nui Hieu (Quang Chau commune, Viet Yen Dist.) to quarantine facilities in other districts to ensure safety and to reduce risk of cross infection.
 - Seven companies have resumed safe operation. More are expected to resume in coming days.
 - 2) **Bac Ninh**: from 27 Apr to 30 May, a total of 803 locally acquired cases have been reported from more than 134 outbreak spots 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 continues a number of cases from community without clear epi links.



World Health Organization

Representative Office
for Viet Nam

Viet Nam

Coronavirus Disease 2019 (COVID-19) Situation Report #44

30 May 2021

Report as of 30 May 2021



- More than 5,300 F1 contacts have been traced and tested; more than 35,000 F2 identified. More than 113,000 tested have been conducted.
 - Continued mass screening tests being conducted in outbreak areas including Khac Niem IP (unclear epi links) in Phuong Lieu commune, Que Vo Dist.
 - Strict management of dormitories where workers stay surrounding the factories. Measures include reduce by 50% of workers coming to work, only those with Realtime RT-PCR negative results within 72 hrs are allowed to come to work but need to stay inside the factories, only go out upon permission of factory managers or premise's authority.
 - Screening antigen RDTs to be conducted to at least 20% of workers. In past 7 days, 10,000 out of about 70,000 workers of Yen Phong IP have been tested. Besides, random RDT is conducted at markets, whole-sale markets (around 500 tests/day). Pool RT-PCR testing is done in community (200-500 tests/ days)
 - F1 quarantine options continued being discussed: higher risk F1s are managed in centralized quarantine facilities; the remaining will undergo pilot home/ residential quarantine.
 - On 30 May, MOH sent the official dispatch requesting Bac Ninh provincial steering committee to provide vaccination to those at high risk based on the local assessment using the vaccine supply provided by the MOH and to complete it before 10 June. Hundreds of thousand vaccine doses have already been provided to Bac Ninh.
 - 10 IPs with 1,120 companies operating in Bac Ninh. So far 400 companies have suspended operations which left around 65,000 workers unemployed.
- 3) **Ho Chi Minh City (HCMC):** from the index case that was linked with Ha Nam cluster, between 18-20 May, two additional clusters have been reported with **unclear epi links** involving 2 cases (Grove company) and 5 cases (O Thanh restaurant) respectively, both in District 3. During last week, two newly clusters of cases emerged with **unknown epi links**: Phuc Hung religious mission and Hoan My Sai Gon hospital.
- Between 26-30 May, 133 cases have been reported of those 126 cases related to the cluster of Phuc Hung religious mission; other 7 cases are related to Hoan My Sai Gon hospital cluster.
 - As of 30 May, 157 cases have been reported from 16/22 districts, mostly in Go Vap (44), Dist. 12 (21), Tan Phu (18), Tan Binh (13).
 - VOC B.1.617.2 is detected in both clusters.
 - More than 62,000 F1 and F2 related to 2 clusters have been identified: 2,199 F1 (1.151 negatives, 1.048 with pending results) and 60,209 F2 (34.567 negatives, 25.642 with pending results).
 - Around 100,000 samples were collected per day. So far, almost 528,000 samples have been tested.
 - Cases linked with Phuc Hung religious mission cluster continue to be reported from other Southern provinces including Long An, Bac Lieu, Tay Ninh.
 - Mass testing will be conducted for the city with priorities are given to higher risk populations/ areas and based on RA related to the ongoing 2 clusters. The local sampling capacity is around 100,000 samples per day. The city is reported of having 400 mobile laboratory teams and can mobilize around 400 medical students from medical universities to support sample collection as needed.
 - As of 00:00 31 May, social distancing will be applied in HCMC as per PM's Directive No.15. More strict social distancing to be applied in 6 wards of Go Vap Dist. and 1 ward of Dist. 12 as per PM's Directive No.16
- 4) **Ha Noi:** between 27 Apr and 30 May, a total of 222 locally acquired cases have been reported from 20/30 districts in Ha Noi. This excluded cases from 2 hospitals. Following initial cases reported in earlier stage of the current outbreak which were linked with K hospital cluster and Da Nang related cluster, cases were also linked with NHTD#2, Ha Nam, Vinh Phuc, Bac Ninh and Bac Giang. Cases reported last two weeks were mainly from 4 active clusters: Da Nang (51 cases); T&T – Times City (48 cases); Bac Ninh (26 cases) and NHTD#2 (22 cases).
- The source of infection is still under investigation for T&T – Times City cluster and North Thang Long hospital where one HCW is infected.
 - K hospital cluster is still at risk of having additional cases; 3 new cases were reported during past week from inside hospital.
 - Approx. 4,000 F1 identified and tested; almost 150,000 tests have been conducted
- Dien Bien and Da Nang situation seem stable last week**, with 6 and 4 new cases reported last week among F1 contacts, respectively.
- Provinces need close monitoring:**
- Lang Son: 36 cases reported last week (cum. Number: 62 cases) with connection with Bac Giang and Bac Ninh
 - Southern provinces with cases linked with Phuc Hung religious mission cluster from HCMC including Bac Lieu, Tay Ninh, Long An
- **During the past week (from 24 - 30 May), Viet Nam reported 1,890 new cases including 1,870 locally acquired cases and 20 imported cases.**
- ✓ The **1,870 locally acquired cases** were reported from 23 cities/ provinces (See Figures 3 and 4).

- ✓ The **20 imported cases** included 4 foreign nationals (3 Indians and 1 Chinese) and 16 Vietnamese repatriated citizens.
- **As of 30 May**, Viet Nam has reported a total cumulative number of **7,107 laboratory confirmed cases** from 54/63 provinces including **47 deaths (PFC 0.7%)** from January 2020 (*see Figure 2*); of those **2,950 cases (41.5%) have recovered**. Three are currently **4,110 patients in treatment** of those majority were either asymptomatic (40%) or with mild symptoms (53%) (<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 47 deaths from January 2020.
 - ✓ Of the 7,107 cases, 1,500 cases (21.1%) are imported. About 97% are Vietnamese (*see Figure 1*).
 - ✓ The ages of cases range from 2 months to 100 years old. About 54.5% of all cases are in the 30-69 years old group, 2.3% above 70 years old, and the remaining 43.2% under 30 years old. The proportion of male vs female is around 41.5% vs 58.5%. (*See Table 1*).
 - ✓ New clusters of cases continued to be 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, especially in Ha Noi, HCMC and Bac Ninh. Investigation and contact tracing are ongoing.
 - ✓ From 27 Apr to 30 May: **more than 49,000 F1 contacts** have been identified in 34 affected cities/ provinces and have been quarantined and tested.
 - ✓ 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 belonging to lineage B.1.617.2. Out of these, a Y144 deletion mutation in the Spike protein was found in 4 samples.
- **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.
 - **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**.
 - **As of 30 May, a total of 1,041,948 doses of vaccines have been administered cumulatively.**
 - 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 30 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.
 - 2nd bilateral shipment arrived Vietnam on **26 May 2021**, with 288,000 doses of Oxford/AstraZeneca COVID-19 vaccines.
 - **19 May 2021** Government has signed an agreement with Pfizer to purchase 31 million doses COVID-19 vaccine for national vaccination program.
 - **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 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 adjusted regularly as the situation evolves.**

- **29 May** – The PM's conclusions at a Government meeting included: (i) Enhancing access to COVID-19 vaccine through diplomatic, economic, and other specific approaches; (ii) Strengthening vaccination in targeted provinces/cities including Bac Giang, Bac Ninh, Ha Noi, HCMC and other high risk localities; (iii) Controlling

immigration of Vietnamese citizens, foreign experts and highly skilled workers; (iv) Mobilization of all resources for COVID-19 prevention and control activities including establishment of a vaccine fund; (v) The management board of industrial parks and companies to enhance preventive measures to protect workers; and (vi) Assigning DPM Vu Duc Dam to be responsible for overall direction of outbreak prevention and control; DPM Truong Hoa Binh to be responsible for outbreak prevention and control activities in HCMC; and DPM Le Van Thanh to be responsible for outbreak prevention and control activities in Bac Giang and Bac Ninh provinces.

- **26 May** – PM issued a Resolution and a Decision for the establishment of the COVID-19 vaccine funds.
- **25 May** - The Government Cabinet Office issued the PM's conclusions from a Government meeting which included (i) MOH, MOPS, MOFA, MOLISA, MOIT to urgently review and update policies, mechanism, and guidelines for effective implementation of COVID-19 prevention and control measures; (ii) MOH is responsible for vaccine procurement and to work with MOF to establish funds for vaccine; (iii) MOF to secure budget for COVID-19 prevention and response activities; (iv) MOPS, MOD, MOFA and provincial authorities to collaborate in controlling immigration of Vietnamese citizens, foreign experts and highly skilled workers; (v) MOIC to enhance risk communication activities; and (vi) NSC remains responsible for directing overall prevention and control activities.
- **24 May** - A PM's telegram was sent to all ministries and cities/provinces requesting the ministers and PPC chairmen to continue strictly implementing all direction of the Communist Party, PM, NSC, and other regulations on COVID-19 prevention and control. PPC Chairmen, Ministers of MOIT and MPI directed that all industrial parks and enterprises to strictly implement COVID-19 prevention and control measures. In addition, MOH to urgently issue technical guidelines for quarantine and testing for workers from industrial parks and enterprises.

❖ **Community lockdown and social distancing:**

- **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.
- **From 30 May:** Suspension of all religious activities, non-essential services, entertainment services, sport activities; and prohibited gatherings with more than 10 people at public places in Can Tho, Bac Lieu, Binh Duong, Long An and Dong Nai provinces.
- **27 May:** HCMC restaurants and coffee shops permitted takeaways only; hairdressers closed; mass gathering at public areas not permitted. Temporary lockdown of the Sheraton hotel (in connection with Phuc Hung religious mission cluster).
- **27 May-** Vinh Phuc: workers from other provinces that have come to work in Vinh Phuc to remain in the province; managers, foreign experts are encouraged to stay in Vinh Phuc and need to get SARS-CoV-2 negative certificate.
- **25 May** -Ha Noi: All people returning to Ha Noi from other provinces/cities from 10 May to date must complete health declaration by 25 May. Restaurants permitted takeaway service only; parties and mass gatherings at public areas prohibited; hairdressers, beauty salons and sidewalk eateries closed.
- **25 May-** Yen The Dist. in Bac Giang applied COVID-19 social distancing as per PM's Directive No.15.
- **As of 30 May**, 10 hospitals and clinics are currently under lockdown, including: Ha Noi (2): NHTD #2, one premise of K hospitals; Dien Bien (1): city field hospital; HCMC (6): Gia Dinh, Hoan My, Tan Phu, and Military hospitals, and 2 general clinics; and Long An (1): Can Duoc district hospital.

❖ **School closure:**

- As of 31 May- 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 24 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.

❖ **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 603,825 with 2,079 positive samples, giving a positivity rate of 0.3%. Currently there remain 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. 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, 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.
- Sequencing of virus from 32 specimens of patient related to the Da Nang cluster also revealed 30 to be B.1.1.7 and two as B.1.617.2, indicating as least two sources of infection.
- 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.
- Sequencing of samples from cases in Dien Bien, Ha Noi and Hai Phong also revealed to be B.1.617.2.
- From the clusters in the North of Viet Nam virus from a total of 32 patient samples have been identified as belonging to lineage B.1.617.2. Out of these, on 29th May NIHE reported that a Y144 deletion mutation in the Spike protein was found in 4 samples; 3 from Ha Noi and 1 from Hai Phong. The Y144 deletion was not present in the other 28 B.1.617.2 virus. This Y144 deletion mutation is similar to the Y144 deletion mutation of the B.1.1.7 variant. An IHR notification was submitted by Viet Nam with this information on 29th May.

- 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 27th 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 advise on when PPE should and should not be used, as well as steps to avoid burnout of laboratory workers.

❖ **Case management:**

- As of **30 May, 2,950 of 7,107 cases (41.5%)** have recovered. **47 cases died, 4,110** patients are being isolated, monitored and treated in 80 hospitals. Majority of the cases are either asymptomatic (**40%**) or with mild symptoms (**53%**).
- As of 30 May, there are **5 critical cases with ECMO** (4 in NHTD and 1 in HCM HTD), **22 critical cases with mechanical ventilation, 20 severe cases with HFNC**, 109 severe cases with nasal prong oxygen. Four additional fatal cases: (case 44th-47th); (# 4807, # 3760, #3881, #3026) between 24-30 May. For more details, pls visit: <https://ncov.moh.gov.vn/>

Hospital clusters:

- **NHTD#2:** Total of 93 cases, including 9 HCWs (3 in ICU, 1 doctor is studying medicine, 2 in OPD, 3 in General infectious diseases 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 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 48, including 40 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:** 32 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
 - ✓ Bac Thanh Long- Hanoi hospital: 01 doctor
- **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 1,500 beds
 - ✓ About 1,400 HCWs mobilized to support Bac Ninh and Bac Giang

❖ **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](#).
- Key communication products focusing on health workers and mental health have been reinforced. These messages are on [advice to health workers to deal with stress](#); [guidance for contacts of confirmed COVID19 cases](#).
- [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 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](#)
- In line with the World No Tobacco Day, 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 are reaching millions of people in Viet Nam.

Media monitoring and Social listening

- Viet Nam's outbreak situation
 - o Viet Nam reported over 1,800 local coronavirus infections last week
 - <https://tuoitrenews.vn/news/society/20210531/vietnam-reported-over-1800-local-coronavirus-infections-last-week/61227.html>
 - o New coronavirus variant detected in Viet Nam
 - <https://vietnamnews.vn/society/959978/new-coronavirus-variant-detected-in-vietnam.html>
- Viet Nam's control measures
 - o HCMC to conduct large-scale Covid-19 testing
 - <https://e.vnexpress.net/news/news/hcmc-to-conduct-large-scale-covid-19-testing-4286352.html>
 - o HCMC to enact social distancing
 - <https://www.reuters.com/world/asia-pacific/vietnams-business-hub-ho-chi-minh-introduces-two-weeks-social-distancing-2021-05-30/>
 - o Thua Thien Hue to put people returning from HCMC into centralized quarantine
 - <https://vnexpress.net/thua-thien-hue-cach-ly-tap-trung-21-ngay-nguoi-ve-tu-tp-hcm-4286498.html>
- Vaccination updates
 - o Viet Nam seeks US support for buying, producing Covid vaccines
 - <https://e.vnexpress.net/news/news/vietnam-seeks-us-support-for-buying-producing-covid-vaccines-4285089.html>
 - o Bac Giang urged to quickly accelerate vaccine administration to workers
 - <http://news.chinhphu.vn/Home/Bac-Giang-urged-to-quickly-accelerate-vaccine-administration-to-workers/20215/44027.vgp>

SOCIAL LISTENING

- Panic buying occurred in HCMC before the city started imposing social distancing.
- There are questions on why HCMC applies different social distancing measures in different parts of the city.
- After new cases were recorded in a quarantine facility, there were calls for reviewing the conditions there amid concerns about cross-infection.

Recent and upcoming Events and Priorities

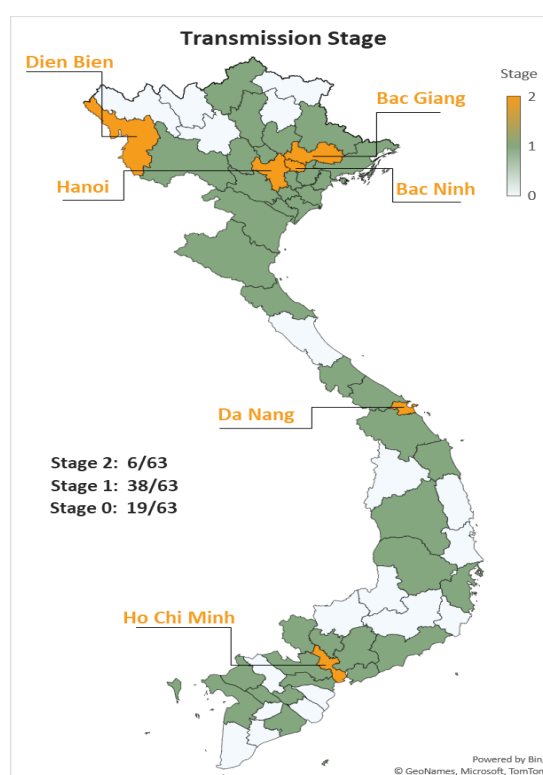
- WHO continues supporting MOH in various technical areas, providing technical advice and scientific updates especially with relates to the mutated variants; supporting ongoing efforts on COVID-19 vaccine development and vaccine deployment and distribution plans, effective communication (e.g. reinforcement of preventive measures communications through social media such as reactivation of Facebook ads, produced social media cards on laboratory testing); Situation updating and Data management. **For updates before 24 May - See previous Sitreps**

Transmission Stage Assessment

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

Sub-national level

- Six (6) provinces remain in Stage 2** – Ha Noi, Bac Giang, Bac Ninh, Dien Bien, Da Nang and HCMC
With two additional clusters of cases emerged last week with unknown epi links, HCMC remains in Stage 2. Ha Noi also reported more cases from existing clusters with unknown epi links. More than three generations of transmission have been observed in these provinces indicating localized transmission with a potential of moving toward a wider community transmission. Bac Giang and Bac Ninh remain hot spots. Da Nang and Dien Bien situations seemed stable last week with few cases reported but with well-established epi links.
- Thirty-eight (38) provinces are in Stage 1:** While 11 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.
- Nineteen (19) 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. Yen Bai, Phu Yen moved to Stage 0 this week.



The current outbreaks involve 34/63 cities/ provinces in country including two major hospitals and major industrial parks. **During the past week, additional cases and clusters have been identified with unknown sources of infections, especially in Ha Noi and HCMC. 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 **30 May 2021, 19 provinces are in Stage 0; 38 provinces are in Stage 1, and 6 provinces are in Stage 2.** Given a complex and fast-moving nature of the ongoing clusters and with mass laboratory testing and contact tracing are ongoing, **more cases to be expected in the coming days.** Besides, as Viet Nam continues to operate selected international flights (despite a temporary suspension of flights to Noi Bai and Tan Son Nhat international airports in Ha Noi and HCMC), coupled with ongoing outbreak situation in the region and beyond, **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
603,825	1,870	5	50
NAT Tests past 7 days (-34.3% 7-day)	New cases past 7 days (+86% times 7-day)	Deaths past 7 days (+0% 7-day)	ICU Admissions past 7 days (+21 cases 7-day)
4,941,514	7,107	47	134 (TBC)
Cumulative NAT Tests	Cumulative Cases	Cumulative Deaths	Cumulative ICU Admissions

3.3%	4,145	At least 19	11 (TBC)
Imported Cases in past 28 days (135)	Cases in past 28 days with no link (TBD)	Active Clusters	Active clusters with >3 generations

Health Service Provision COVID-19

Most of national hospital staff	1	1,870	1,500	30,000 (TBC)
Health care workers trained in COVID19 Case Management	Healthcare worker cases reported past week (total: 32)	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)

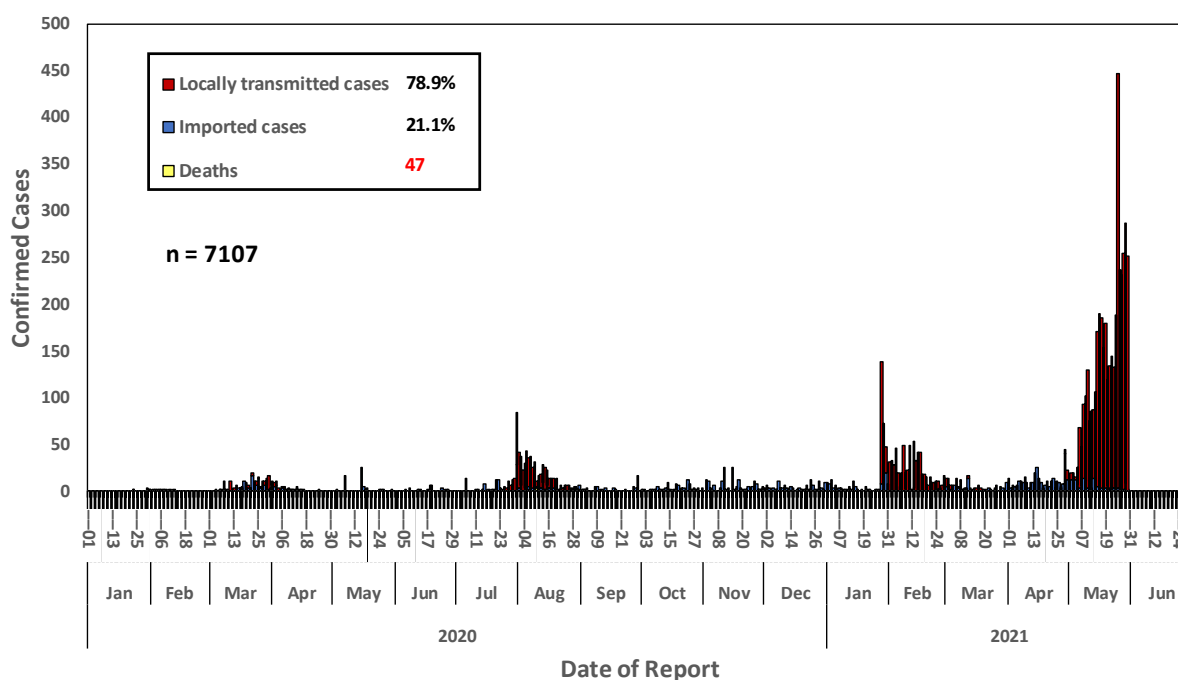


Figure 1. Epidemic curve of COVID-19 laboratory confirmed cases, Viet Nam, by date of reporting, 23 Jan 2020 – 30 May 2021

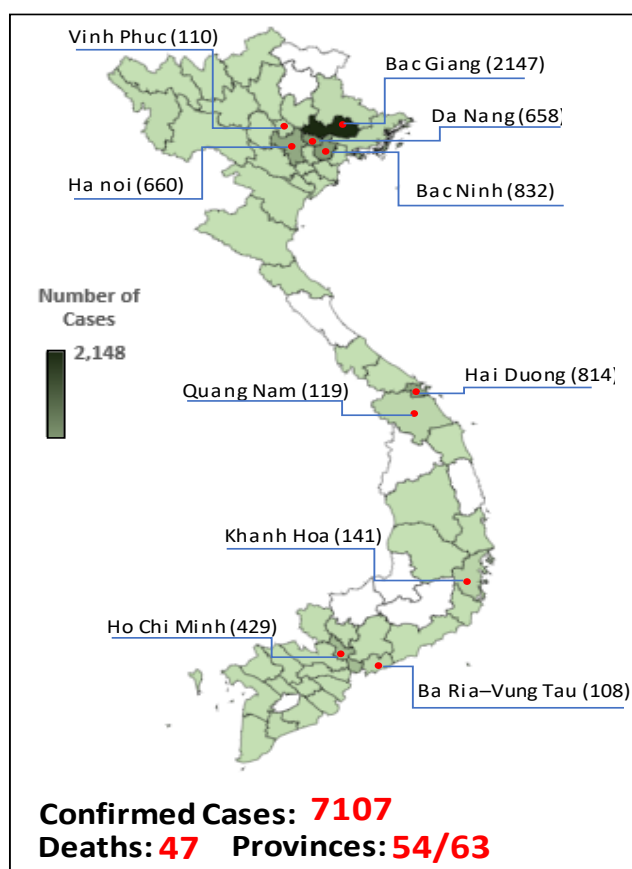


Figure 2. Distribution of cumulative COVID-19 laboratory confirmed cases by place of detection (with top ten provinces with highest case numbers highlighted), Viet Nam, 23 Jan 2020 - 30 May 2021

Age Group	Female		Male	
	Cases	Deaths	Cases	Deaths
0-9	178 (51)	0 (0)	179 (54)	0 (0)
10-19	254 (80)	0 (0)	224 (63)	0 (0)
20-29	1293 (475)	3 (1)	944 (246)	0 (0)
30-39	1293 (403)	2 (1)	756 (163)	2 (0)
40-49	550 (142)	1 (0)	353 (51)	0 (0)
50-59	296 (52)	5 (0)	278 (36)	4 (1)
60-69	192 (27)	8 (1)	153 (23)	6 (0)
70-79	67 (9)	4 (0)	40 (6)	1 (0)
80-89	29 (7)	6 (0)	18 (2)	3 (1)
90+	5 (0)	1 (0)	5 (0)	1 (0)
Total	4157 (1246)	30 (3)	2950 (644)	17 (2)

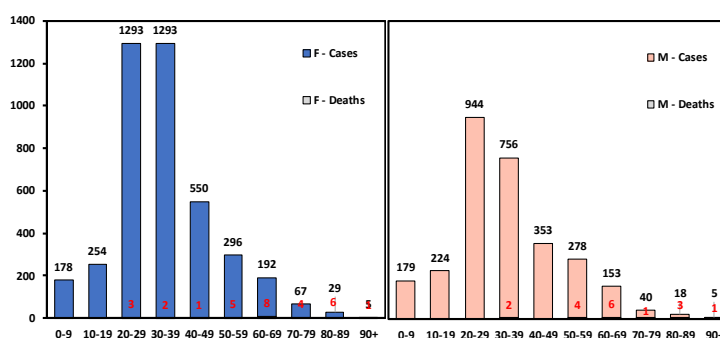


Table 1. Cumulative and new (past 7 days) cases and deaths by age and sex, 23 Jan 2020 – 30 May 2021

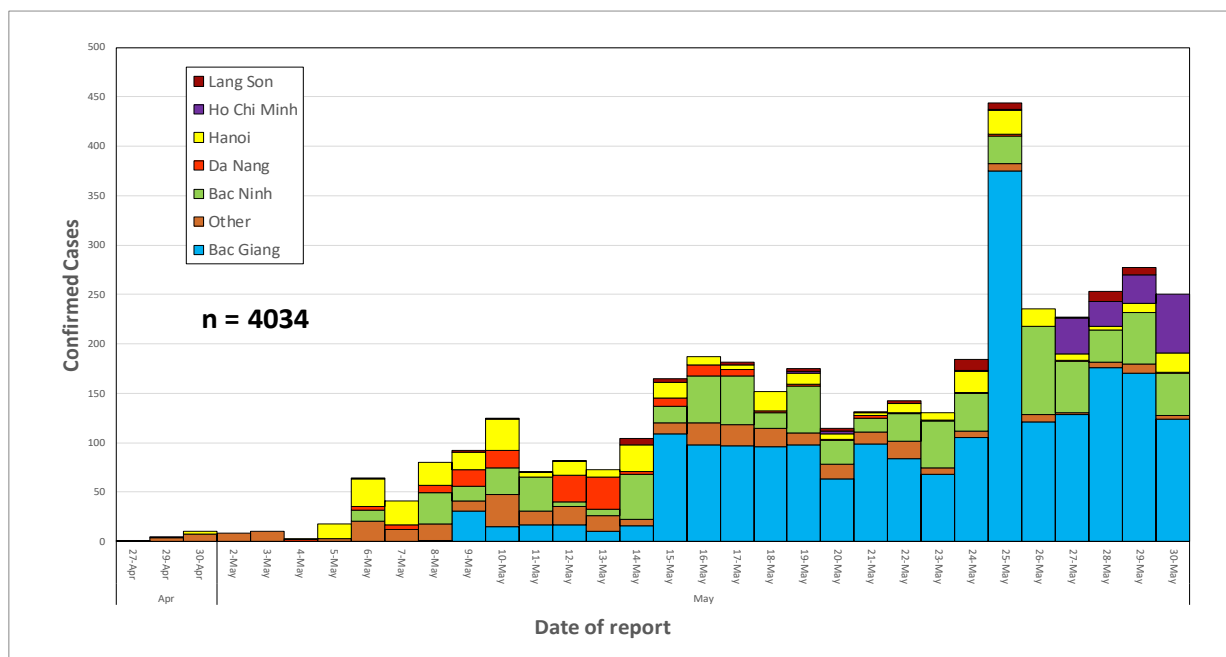


Figure 3. Epidemic curve of COVID-19 laboratory confirmed cases for the current outbreaks, from 27 April – 30 May 2021, Viet Nam, by province and date of reporting

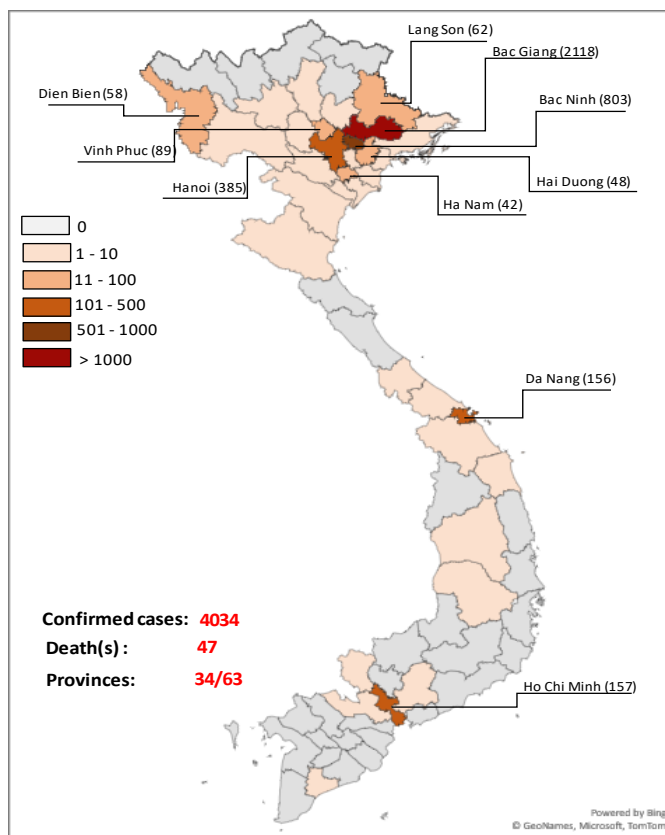


Figure 4. Distribution of COVID-19 laboratory confirmed cases in the current outbreaks by province, Viet Nam, 27 Apr – 30 May 2021



ANNEX 1

NPIs measures, from 29 Apr to 30 May 2021

NPI	Monitoring status					
	Date of first implemented	Date of modified	Implementation	Recommended Required	Partial lift	Lifted
<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		



Communities/ hospital lock down	2 May		<p>Subnational:</p> <ul style="list-style-type: none"> - 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 - 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 - 26 May: Extension of lockdown NHTD until 8AM 9 June - 27 May: Temporary lockdown Gia Dinh People and Hoan My hospitals in HCMC. Restaurants/ coffee shops only serve takeaways; closed hairdressers, public mass gatherings - 28 May: Temporary lockdown Tan Phu district and Military & People hospitals, and 2 general clinics in HCMC. - 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, 	Required	<p>19 May- Lifted social 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 lockdown Lang Son Lung hospital</p>	
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			<p>Bac Lieu, Binh Duong and Dong Nai province. Temporary lockdown Can Duoc Dist. hospital, Long An province.</p> <p>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>			
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