




## Viet Nam COVID-19 Situation Report #54

Report as of 8 August 2021, 18:00

### Situation Summary

#### Cumulative numbers from 23 Jan 2020 – 8 Aug 2021

				
<b>210,405 Cases</b> (63/63 provinces)	<b>71,497 (34%)</b> Recovered	<b>3,250 (PFC 1.54%)</b> Deaths	<b>14,412,934 (PR 1.46 %)</b> Laboratory tests	<b>9,405,819</b> Vaccine doses

#### Highlights from Current Community Outbreak (from 27 April to 8 August 2021)<sup>1</sup>

- **Ho Chi Minh City (HCMC) continued to be the epicentre** with number of new cases reported this week accounted for approx. 59% of the nationwide tally; daily case numbers have not shown a clear decline yet.
- During the week (from 2 – 8 Aug), a total of **56,099 new cases** were reported including **1,944 deaths**. These included 56,017 locally acquired cases and 82 imported cases. Of the 82 imported cases, there were 35 foreigners and 47 repatriated Vietnamese citizens.
- On average, 8,002 new locally acquired cases were reported per day, increased 0.5% compared to last week daily average.
- Cumulatively **for this wave**, as of 8 Aug 2021 - **206,490 locally acquired lab confirmed cases** have been reported including **3,215 deaths (PFC 1.55%)** from **62 cities/ provinces** (Cao Bang remains the only province that have not reported cases in the current wave). See Figures 1, 2, 3 and 4.
- **Five (5) cities/ provinces with highest case number:** HCMC (121,804 cases, increased 29.2%; 2,504 deaths); Binh Duong (27,639 cases, increased 64%; 146 deaths); Long An (10,115 cases, increased 68.2%; 107 deaths); Dong Nai (7,919 cases, increased 74%, 60 deaths); and Dong Thap (3,968 cases, increased 24%; 80 deaths) (Note: While Bac Giang has recorded higher cumulative case number (5,791) than Dong Thap, it has passed more than 14 days without new cases reported).
- **Two (2) provinces have passed at least 14 days** since the last local cases reported: Quang Ninh, Bac Kan.
- **Twelve (12) provinces have not reported secondary transmission:** Bac Giang, Thai Binh, Son La, Lao Cai, Ninh Binh, Quang Tri, Kon Tum, Ha Giang, Nam Dinh, Yen Bai, Tuyen Quang, and Lai Chau.
- **Ho Chi Minh City and 18 other Southern provinces** entered the second week of the 14-day extension of PM's Directive No.16 implementation.
- **Ha Noi** extended the implementation of PM's Directive No.16 for another 15 days starting from 8 Aug to 6:00 23 Aug 2021 in light of ongoing new cases being reported from community with unknown sources of infection.

#### Highlights from selected provinces with major ongoing clusters or chains of transmission

- 1) **Ho Chi Minh City (HCMC):** During the week, the city continued to report high daily number (i.e. 7-day average was 3,929 cases per day) of cases even though a slight decrease trend (4.6%) compared to last week was observed. While majority of cases were detected from the lockdown areas or among those under quarantine, there remains cases and clusters with unknown epi links; however, the proportion of such cases over the total newly reported cases seems to decline.
- As of 8 Aug, **121,804 cases** have been reported from **all the 22 districts** (all 312 wards and communes) in the city including at least **2,504 deaths (PFC 2%)**. Binh Chanh Dist. recorded the highest number of cases (at least 12,000 cases). During the week, the districts with highest increase in number of cases included Dist. 8 (6.99%), Dist. 5 (6.73%) and Dist. 1 (6.47%).
- At least **62 clusters/ chains of transmission** of those **29 clusters remain active** (including 2 clusters linked with markets, 2 clusters linked with industrial parks, and 25 clusters linked with residential areas) and **33 clusters are**

<sup>1</sup> For updates before 2 Aug 2021, refer to previous Sitreps

**being brought under control.** Between 19 Jul and 8 Aug, 23 new clusters have been detected, increased 2.2% compared to a previous 14-day period.

- Districts with increased number of cases per 100,000 population including Districts 4, 5, 11, Nha Be and Binh Chanh continued to strengthen public health measures while the situation in Thu Duc city, Go Vap, Cu Chi, Can Gio districts where high prevalence of cases was reported earlier, is now being under control. *See Figure 6 for case distribution per 100,000 population by district, as of 8 Aug.*
  - Ongoing discussion from the City local authorities on the need to shift outbreak response strategies which will be more focusing on care pathways (i.e. timely and quality case management) to minimize fatalities.
- 2) **Binh Duong:** Started with imported cases from HCMC in this wave, the province continued to report high and fluctuated daily number of cases reported during the week.
- As of 8 Aug, a **total of 27,639 cases** (including 146 deaths, PFC 0.53%) have been reported, increased 64% compared to last week. The province remains **the 2<sup>nd</sup> ranking** in the top five provinces with highest case number. On average about 1,540 new cases were reported per day during the week (decreased 10.2% compared to daily number of previous week).
  - Cases have been reported from 17 districts/ towns/ cities with **multiple chains of infection**, including those linked with industrial parks, with workers' dormitories and one linked with long-distance North-South driver. Thuan An city accounts for the highest number of cases (at least 8,952 cases, as of 8 Aug).
  - Cases are linked to 9 chains of transmission; with at least 11 clusters related to HCMC and 7 clusters detected through community screening.
  - There has been a lag in reporting, i.e. on 8 Aug there were 760 new cases reported plus 2,450 cases accumulated during the week which makes a total of 3,210 cases in a single day. Among these cases, about 25% were detected from screening in HCFs or community; the remainder were detected among the contacts or those in the lockdown/ quarantine areas.
- 3) **Dong Nai:** Started with imported cases from HCMC in this wave, the province continued to report additional cases from various locations including markets, spread to industrial parks, worker dormitories and communities. Daily cases continued to rise during the week.
- As of 8 Aug, a **total of 7,919 cases** including **60 deaths (PFC 0.76%)** have been officially reported. On average, about 481 new cases were reported per day during the week (increase 25.9% compared to daily average of previous week).
  - Cases are linked to 9 chains of transmission of those 2 have been controlled.
  - Seven ongoing chains of transmission: No further updates from 25 Jul. *See details in previous Sitrep.*
- 4) **Long An:** cases continued to be reported during the week with a daily average of 586 cases (increased 16.7% compared to daily average of previous week).
- As of 8 Aug, a total of **10,115 cases have been reported (increased 35.8% compared to last week) including 107 deaths (PFC 1.06%)**.
  - Cases were initially mainly linked with returnees from outbreak areas especially from HCMC (Binh Dien market) and F1 contact within the lockdown areas, but now have been shifted to linkages with industrial parks, workers' dormitories especially those related to 10 companies belonging to Phu An Thanh and Tan Kim industrial parks.
  - There were **approximately 1,990 (about 20%) cases have been detected through community screening** and with **unknown sources of infection** since 27 April to 8 Aug.
  - **At least 82 clusters** identified of those **27 clusters remain active**.
- 5) **Ha Noi** – on 5 July, **new community cases were reported again** after 9 days without cases.
- **Between 5 Jul to 8 Aug, a total of 1,599 cases have been reported in at least 24 districts.** During the week, on average 84 cases were reported per day, decreased 5.9% compared to last week, with a peak on 2 Aug of 159 cases. New clusters have also emerged.
  - **There continued cases reported through community/ hospital screening with unclear epi links** and including those without symptoms.
  - **Cases have been also detected from markets** including Bung market (Phung Xa commune, Thach That Dist.), Phung Khoang market (Nam Tu Liem Dist.), Den Lu market (Hoang Mai Dist.), Dong Xa market (Cau Giay Dist.). There were **cases who are local police and local security officers** whose history of contact is complex which posed challenges for contact tracing.

- There are **11 chains of transmission** of those **3 are with clear epi links** and **8 are with unknown sources of infection** including those detected through community and hospital screening. Investigation is ongoing.
- The ongoing/ active chains of transmission with unknown sources of infection include (as of 9 Aug): i) Sunshine apartment building in Hoang Mai Dist (17 cases; last case was reported on 30 Jul); ii) Lang Ha St., Dong Da Dist. (3 cases; last case was reported on 19 Jul); iii) Tan Mai ward, Hoang Mai Dist. (173 cases) – source of infection remains unknown; iv) Duc Tam Pharmacy, Lang Ha St., Dong Da Dist. (102 cases) – source of infection remains unknown; v) Trai Gang ward, Thanh Nhan, Hai Ba Trung Dist. (30 cases); vi) Tien Xuan market, Thanh Lap commune, Quoc Oai Dist. (57 cases) - source of infection remains unknown; vii) Duong Noi, Ha Dong Dist. (8 cases); viii) Ha Noi Lung hospital, Hai Ba Trung Dist. (between 26 Jul and 9 Aug, 63 cases have been reported) - investigation is ongoing. From 23 Jul to 9 Aug, there have been 540 cases detected through community screening in various districts.
- Cumulatively, **from 27 Apr to 8 Aug, a total of 1,799 cases** have been recorded in Ha Noi (excluding cases from Oncology hospital and NHTD).
- **Key response measures during the week:** with the ongoing cases being reported from community, even during the first two week under the PM's Directive No.16 implementation, the City has extended this whole city social distancing for another 15 days starting from 8 Aug to 6:00AM 23 Aug 2021; scaling up with screening tests in higher risk areas and groups (targeting 30,000 samples in Hai Ba Trung Dist. and surrounding areas of hotspots and higher risk districts) using pooled PCR testing; wider scale of testing is being plan for 300,000 people in all at-risk areas where cases and clusters have been reported in the coming week; Ha Noi People's Committee issued an urgent telegram on the evening of 1 Aug on immediate measures in response to the situation, followed by other official directive documents to further monitor public adherence to social distancing measures.

*See Figure 7 for geographical distribution of cases at ward/ commune level in Ha Noi, as of 8 Aug.*

**6) Other provinces with escalating situation:**

- Tien Giang, Vinh Long, Tay Ninh, Da Nang, Phu Yen, Khanh Hoa, Tay Ninh, Ba Ria-Vung Tau and Can Tho continued to report increased number of new cases and clusters during the week including those with unknown sources of infection or unclear epi links.
- Besides, Ha Tinh, Nghe An, Lao Cai, Tra Vinh, Bac Lieu, Kien Giang, An Giang, Binh Thuan, Binh Dinh, Binh Phuoc, Lam Dong, etc. also continued to report new cases. In these provinces, apart from cases related to clusters in HCMC, more cases are now linked with other provinces and there are also cases detected through community screening and with unknown sources of infection.

**Cumulatively from Jan 2020 to 8<sup>th</sup> Aug 2021**, Viet Nam has reported a total cumulative number **210,405 laboratory confirmed cases (98.9% are locally transmitted)** from all 63 provinces including **3,250 deaths (PFC 1.54%)** (see Figure 1); of those around **34% of the cases have recovered**. Three are currently 135,658 people being monitored and treated of those 501 are in ICUs including 20 cases are under ECMO.

- ✓ Age and sex distribution: Analysis from 155,768 cases shows that ages of cases range from 2 months to 100 years old. About 55.6% of all cases are in the 30-69 years old group, 3.1% above 70 years old, and the remaining 41.3% under 30 years old. The proportion of male vs female is around 47.4% vs 52.6%. See Figure 5.
- ✓ From 27 Apr to 8 Aug: approximately **298,612 F1 contacts** have been identified and have been quarantined and tested in 62 affected cities/ provinces.

**Other key highlights**

- Website <https://antoancovid.vn/> is being setup and updated on a daily basis which shows risk mapping from provincial to commune level based on risk assessment criteria specified in the MOH Decision No. 2686 dated 31 May 2021.
- The installation and use of **Bluezone** application continued being accelerated.
- Rolling out QR code registration posts and installation of [Sổ Sức Khỏe Điện Tử \(electronic health book app\)](#) for COVID-19 vaccination certificate.
- **CovidMaps**, a digitalized interactive epi mapping with real-time data and information, continued being developed in more localities to support local authorities in their decision-making process for outbreak response.
- **Surge support continued to be provided** to HCMC and other hotspot provinces across the country including Binh Duong, Dong Nai, Tay Ninh, etc. in their outbreak response.
- **Closely monitoring the outbreak situation** and provide timely direction to provinces on response and preventive measures especially related to NPIs, i.e. appropriate and targeted lockdown based on risk assessment; quarantine

and isolation operation based on newly issued guidance and local context, sampling and testing, contact tracing, accelerate roles of local/ commune COVID-19 teams.

- **Continued accelerating vaccine supply and delivery** with support from international partners; adjusting vaccine distribution plan; ramping up vaccination process.
- **Enhancing risk communication** activities focusing on the **5K + Vaccine** message. Develop communication messages inside the national COVID-19 vaccination campaign plan.

### Vaccine supply and deployment:

**As of 8 Aug, a total of 9,405,819 doses of vaccines have been administered cumulatively** (including 8,460,013 person completed 1<sup>st</sup> shot and 945,806 person completed 2<sup>nd</sup> shot). In total, there are 641,595 mild AEFIs (6.8%) and 51 serious AEFIs (41 anaphylaxis, 5 fatal and 5 others).

Phase	Date vaccine arrive	Vaccine type & source	Doses/ <b>TOTAL</b>	Doses/ <b>GIVEN</b>	Allocation plan number
Phase 1	24-Feb -2021	AstraZeneca (bilateral through VNVC)	<b>117,600</b>	<b>100,686</b>	No. 1469/QĐ-BYT
Phase 2	1-Apr-2021	AstraZeneca (COVAX Facility)	<b>811,200</b>	<b>941,262</b>	No. 1821/QĐ-BYT
Phase 3	16-May-2021	AstraZeneca (COVAX Facility)	<b>1,682,400</b>	<b>8,363,871</b>	No. 2499/QĐ-BYT
Phase 4	25-May-2021	AstraZeneca (bilateral through VNVC)	<b>288,000</b>		No. 2748/QĐ-BYT
Phase 5	16-Jun-2021	AstraZeneca (donated by JPN gov.)	<b>966,320</b>		No. 2971/QĐ-BYT
Phase 6	20-Jun-2021	Sinopharm	<b>500,000</b>		No. 3020/QĐ-BYT
Phase 7	2-Jul-2021	AstraZeneca (donated by JPN gov.)	<b>260,490</b>		No. 3280/QĐ-BYT
Phase 8	7-Jul-2021	Pfizer (Bilateral)	<b>746,460</b>		No. 3398/QĐ-BYT
Phase 9	9-Jul-2021	AstraZeneca (donated by JPN gov.)	<b>863,640</b>		No. 3399/QĐ-BYT
Phase 10	9-Jul-2021	AstraZeneca (bilateral through VNVC)	<b>580,000</b>		No. 3399/QĐ-BYT
Phase 11	10-Jul-2021	Moderna (COVAX Facility, USG dose sharing)	<b>2,000,040</b>		No. 3400/QĐ-BYT
Phase 12	15-Jul-2021	AstraZeneca (bilateral through VNVC)	<b>921,400</b>		Not yet available
Phase 13	16-Jul-2021	AstraZeneca (donated by JPN gov.)	<b>996,740</b>		Not yet available
Phase 14	24-Jul-2021	Moderna (COVAX Facility, USG dose sharing)	<b>3,000,060</b>		No 3609/TT-BYT
Phase 15	23-Jul-21	AstraZeneca (bilateral through VNVC)	<b>1,228,500</b>		No 3600/TT-BYT
Phase 16	2-Aug-21	AstraZeneca (COVAX Facility)	<b>1,188,000</b>		No 3600/TT-BYT
Phase 17	23-Jul-21	AstraZeneca (bilateral through VNVC)	<b>659,900</b>		No 3681/TT-BYT
N/A	31-Jul-21	Sinopharm (procurement Sapharco)	<b>1,000,000</b>		Only for HCMC, no allocation number
Phase 18	3-Aug-21	AstraZeneca (UK Government)	<b>415,000</b>		No 3682/TT-BYT
Phase 19	6-Aug-21	AstraZeneca (bilateral through VNVC)	<b>592.100</b>		Not yet available
<b>TOTAL</b>			<b>18,817,850</b>	<b>9,405,819</b>	

- **10 July**, the nationwide COVID-19 vaccination campaign, the largest-ever immunization drive in Viet Nam, kicked off with a ceremony held by the Prime Minister. The entire Government will be mobilized for mass campaign. The MoH's allocation of vaccines to cities and provinces, along with other statistics regarding vaccinations, will be made public on the website [tiemchungcovid19.gov.vn/portal](http://tiemchungcovid19.gov.vn/portal). All people can register for vaccination appointments and submit their health status and update their post-injection reactions through the [Sổ Sức Khỏe Điện Tử \(electronic health book app\)](#).
- WHO technical assistance for on clinical evaluation and authorization of COVID-19 vaccines commenced:
  - ✓ The first session was held on **4 August 2021** with over 80 participants from the National Regulatory Authority (NRA) of Viet Nam, Ministry of Food and Drug Safety (MFDS) of the Republic of Korea and WHO Offices in Viet Nam and Western Pacific Region. The discussions covered WHO guidelines on the evaluation and approval of new COVID-19 vaccines, sharing of experiences from MFDS, and setting the evaluation

regulations for the situation of Viet Nam. The WHO Representative in Viet Nam and Vice Minister Tran Van Thuan joined the tripartite consultation.

- ✓ In a follow-up second session, held on **5 August**, an international independent expert invited by WHO shared latest global development in COVID-19 vaccine research and development and trials. Over 70 participants from the NRA of Viet Nam and ethics committee discussed key considerations for clinical trial design and analyses of COVID-19 vaccines.

#### Government direction and key public health response measures:

- **6 Aug** - MOH issued a Decision regarding prevention measures to be taken by returnees from outbreak areas which included:
  - People who are fully vaccinated or those who have recovered from COVID-19 infection: self-monitor health status at home for 7 days, samples collection on day 1 and day 7. People who are not fully vaccinated or unvaccinated: apply home-quarantine for 14 days, and monitor their health status for the next 14 days, samples collection in day 1, day 7, and day 14.
  - Areas where implementing PM's Directive No.16: people are requested not to travel; in case of need then to implement prevention measures as described above.
  - People traveling for official purposes: from Vice Minister level and above – apply health monitoring for 7 days for those fully vaccinated and 14 days for those not fully or have not been vaccinated,
- **7 Aug** - MOH sent an urgent telegram to Chairman of city/provincial committees requesting (1) prevention of disease spreading through risk-based rapid and mass testing; (2) reduce mortality through preparation oxygen supply, mechanical ventilators, other supplies/equipment ASAP and preparation for receipt and treatment of COVID-19 patients via applying 3-level care pathway pyramid model; and (3) vaccination: prioritize frontline workers, the elderly, people with underlying conditions, diplomatic officials, people working on economic development such as investors, managers, industrial zones and essential service providers.
- **5 Aug** - PM sent an urgent telegram to all provinces/cities requesting (1) strengthening the prevention of disease spreading through strictly implementation of PM's Directive No. 16 where it is being implemented; (2) enhancing treatment to reduce mortality; (3) speeding up vaccination; (4) enhancing participation from all political levels, especially local level in outbreak response; and calling for more public engagement; and provinces/cities and ministries to ensure essential service supply chain and support people/companies being affected by outbreak.
- **4 Aug** - MOH issued a Decision to shorten the duration of centralized quarantine to seven days for incoming travellers who are fully vaccinated or those who have recovered from COVID-19 infection.
- **1 Aug** - The Office of the Government issued a letter signed by DPM Vu Duc Dam on providing COVID-19 vaccine for HCMC and its surrounding provinces including Binh Duong, Dong Nai and Long An with the aim to achieve herd immunity in those provinces.

#### Ha Noi Direction

- ✓ Ha Noi started implementing PM's Directive 16 on 24 Jul, the City Government has directed a strict implementation of this Directive through issuing urgent telegram on urgent measures for COVID-19 prevention and control such as rapid contact tracing, screening people with respiratory symptoms via SARS-CoV-2 testing, mass and rapid testing for high risk areas, testing and quarantine for returnees from outbreak areas. The City government also established the City COVID-19 Management System which includes three groups i) Group 1 is responsible for surveillance, contact tracing and vaccination; ii) Groups 2 is responsible for admission and treatment for COVID-19 patients; and iii) Group 3 is responsible for logistics and quarantine operations.
- ✓ **7 Aug** - Ha Noi PPC issued a letter to all central level offices, diplomatic /international agencies/organizations, all departments, companies/economic groups in the City on strict implementation of movement pass/permission; requesting all organizations/ agencies to implement work-from-home (WFH) and only come to office in case of necessity. City police and District People's Committee are responsible for setting up check-points; Department of Internal Affairs is responsible for monitoring and supervision, and Department of Foreign Affairs is responsible for informing international/diplomatic organization/agencies of these measures.

#### ❖ Community lockdown and social distancing:

- 6 Aug- Ha Noi extended PM's Directive No.16 implementation until 6 AM 23 Aug



For a more detailed and updated list of lockdown areas in Viet Nam, see the [MOH link](#)

- Hospital lockdown: as of 9 Aug, Ha Noi Lung hospital, Minh An hospital in Nghe An province, and Sai Gon international Ophthalmology hospital in Gia Lai province are under lockdown.

❖ **School closure:**

- The second-round graduation exam for grade 12<sup>th</sup> students for those who could not attend the first round was conducted from 6-8 Aug.

*For update before 2 Aug – see previous Sitreps*

❖ **Travel restriction**

- 7 Aug- suspension of all flights from/to areas where PM's Directive No.16 is being implemented except official flights
- 1 Aug- Ha Noi, HCMC and other provinces where the PM's Directive No.16 is being implemented, food, essential goods, and vaccination will be provided to poor people and free laborers who lost their job to encourage them to stay where they are in compliance with the PM's Directive No.16.
- 26 provinces/cities (13 northern, 4 central highland, 3 central, and 6 southern) request travelers to obtain SARS-CoV-2 negative certificate for entering the province/city.
- All provinces/cities are applying travel restriction measures including health declaration, centralized quarantine for 14 days and sample collection for testing of all people arriving from provinces/city implementing PM's Directive 16 and villages/communes with COVID-19 reported cases.
- Only 2 flights between HCMC and Ha Noi operated per day; suspension of flights between Ha Noi and Can Tho and Phu Quoc; suspension all flights to/from Con Dao and Ca Mau; suspension of flights from HCMC to 9 provinces/cities; all passengers need to obtain SARS-CoV-2 negative certificate.
- Ha Noi suspended public transportation (buses/taxi) to and from 37 provinces including Ha Nam, Thanh Hoa, Nghe An, Ha Tinh and 33 central and southern provinces.
- Ministry of transport developed Green lanes for vehicles carrying essential goods, medical supplies, and people working in essential services.

❖ **Other updates on laboratory testing:**

- A broad testing strategy continues to be followed, with laboratory testing of all F1, and F2 contacts in some locations, members of outbreak communities/localities as well as ad hoc testing in high-risk location in certain provinces.
- As of 8<sup>th</sup> August, 9,737,973 RT-PCR tests were conducted, and for this wave, 7,155,030 RT-PCR tests were conducted.
- The number of RT-PCR conducted in the week was 653,654 with 50,457 positive samples, giving a positivity rate of 7.72%. Currently there remain 194 laboratories permitted to test for COVID-19 by RT-PCR, with 180 designated as confirmatory laboratories.
- MoH issued an official Telegram no 1168/CD-BYT on 7<sup>th</sup> August 2021, aims to strengthen the implementation of solution to prevent and control Covid-19 pandemic. It was mentioned that the mass laboratory test were deployed immediately as soon as possible in the lockdown/ quarantine areas, very high-risk, high-risk area, and for high-risk groups; all people presenting with cough and fever will be tested to promptly identify as (F0) cases for timely isolation; strengthen coordination of sample collection and timely turn-over of test results within 24 hours for RT-PCR.
- Ha Noi People's Committee issued an urgent official Telegram No. 17/CD-UBND on 1 Aug 2021, regarding implementation of urgent solutions to prevent COVID-19 pandemic. It aims to strengthen and speed up mass laboratory testing in risk areas and in people with respiratory symptoms (cough, shortness of breath, loss of taste, etc.) and those who live or return from the outbreak areas. Laboratory capacity, e.g. PCR machine, test kits, human resources... to be enforced.

*For update before 2 Aug, see previous Sitreps.*

❖ **Case management:**

- As of 8 August, there are **135,658 (24% increase from last week)** people infected with COVID-19 is being isolated, monitored or treated in the country and **3,250 cumulative deaths (PFC 1.5%)** have been reported since Jan 2020.

- During the week, 1,944 additional deaths were reported (an average of 277 deaths per day). HCMC and neighbouring provinces of Binh Duong, Dong Nai, Dong Thap, Long An and Tien Giang accounted for highest proportions of fatal cases. There may be a couple of factors/aspects to explain for a significant increase in number of deaths recorded, e.g. a continued delayed reporting from previous weeks; number of severe and critical cases proportionally increased as number of cases continued to increase quickly which posed constant threats to exhausting ICU capacity especially in HCMC and other hotspots; limited or/and difficulty in operating patient referral system including availability of ambulances, human resources to conduct patients' triage, and coordination among stakeholders; lack of trained human resources and supporting emergency equipment to resuscitate the severe patients; and delayed consultation of patients at home due to reluctance or hesitancy to visit a hospital... etc. MOH is working actively with local authorities to urgently address these issues.
- As of 2 Aug, majority of the cases are either **asymptomatic or with mild symptoms (83.4 %)**, 5.1% required nasal or mask oxygen, 1.2% required HFNC, 1.8% required mechanical ventilation. In HCMC, around 2.1 % of the cases required mechanical ventilation. As of 8 Aug., there are **20 critical cases with ECMO** in the country which included **14 in HCMC**.
- **Current capacity of the Health care facilities:** In 2021, Viet Nam has around 2,000 ICU doctors and around 16,000 ICU beds.
  - **Ho Chi Minh City:** From 24 July, the city established a 5-levels care pathway for people infected with COVID-19 with a plan of 60,000 beds, including 1,700 ICU beds. As of 5 August:
    - Level 1: Monitoring and care centres (centralized quarantine area and district hospitals) for asymptomatic and mild patients with a stable underlying condition
    - Level 2: 23,305 occupied in 34,675 beds for mild symptomatic patients with underlying conditions needed treatment
    - Level 3: 4,385 occupied in 4,716 beds for patients with moderate and severe symptoms
    - Level 4: 4,238 occupied in 4,551 beds for severe cases and/or cases with severe comorbidities
    - Level 5: 1,438 occupied in 1,450 ICU beds for severe and critical cases5 Aug - the Deputy Secretary of the City Party Committee reported that their capacity at level 3 to level 5 is approaching its limit. The city is facing a challenge on ensuring human resource for level 5 HCFs. Due to the increase of new cases, on 3 Aug, HCMC medical university has established a 70-bed ICU centre. On 7 Aug, 3 central level hospitals (Bach Mai, Viet Duc, Central Hue) have established 3 ICU centres with a total of 1,500 ICU beds in the city. In total HCMC now assigned 3,270 ICU beds for COVID-19 patients.
  - **Binh Duong:** Binh Duong applied 3-level care pathway with 10,000 beds for isolation facility; 7,000 beds for hospitals for mild or moderate cases, 400 – 1,000 beds in ICU centres. On 6 Aug, Binh Duong announced 16 treatment facilities in the province with 120 doctors and 295 nurses. The province is expecting to receive additional support from Ha Noi Medical University and other private health sectors.
  - **Long An:** the province also applied 3-level care pathway, with level 1 and level 2 consist of district hospital and level 3 consists of Long An General Hospital, Long An Tuberculosis and Lung Disease Hospital and Hau Nghia Regional General Hospital. The MOH is supporting the establishment of a 500-bed ICU centre.
  - **Dong Nai:** The province had 150 ICU beds for COVID-19 patients and is establishing a 200-bed ICU centre. The National Lung hospital will support Dong Nai to establish a 380-bed ICU centre. Dong Nai is calling for human resource from private health sector for additional support.
  - **Dong Thap:** A 75-bed ICU centre has been established
  - **Tien Giang:** A 90-bed ICU centre has been established
  - **Can Tho:** An 200-bed ICU centre has been established and another 500-bed ICU centre is expected to be set up with support from MOH.
- **Government response:**
  - ✓ On 8 Aug, the Prime Minister joined with the Ministry of Health and Ministry of Information and Communication on the establishment of the National Technology Centre for COVID-19 Prevention and Control, which provides telemedicine system to district level to monitor and care for COVID-19 patients.
  - ✓ Ministry of Health issued telegram No. 1168 recommending provinces with high number of cases to consider extending the discharge criteria and allowing newly tested asymptomatic patients with CT value  $\geq 30$  to be isolated at home.
  - ✓ Ha Noi DoH requested the city hospitals to prepare for a 5,000, 10,000 and 20,000 cases scenarios; assigning Thanh Nhan hospital to continue organizing training courses on ICU capacity building for HCWs.

- ✓ MOH promulgate Decision No. 3616/QĐ-BYT on developing 12 national ICU centers across the country with total plan of 7,900 ICU beds and 33 regional ICU centres with at least 50 – 100 ICU beds.
- ✓ Minister of Health held a meeting with the health sectors down to district level, emphasizing the importance of the care pathway, mobilizing private health sectors and immediate reviewing of the human resource for emergency care.
- ✓ VAMS organized an online meeting on COVID-19 infection prevention and control in HCFs for Southern provinces.

*For updates before 2 Aug, see previous Sitreps.*

❖ **Risk communication**

- Government continues to provide 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](#) as well as WHO Facebook page: [World Health Organization Viet Nam](#).
- Additional 494,400 doses of COVID-19 vaccines from the COVAX Facility arrived in Viet Nam, bringing the total donations to the country to 9,175,700 doses. Communication related to the vaccine arrival is available in the [WHO social media post on vaccine contribution from COVAX](#).
- WHO continues to provide technical and capacity development support to the MOH and counterparts in outbreak communications, as well as on vaccine safety communications.
- Media agencies are provided timely and regular updates on outbreak situation and Government action for content in media reports to the public. Current topics of interest for the media and social media (based on media inquiries and reports) are on Delta variant and other variants of concern, efficacy of vaccines against variants, Sinopharm vaccine, therapeutics, home care for COVID-19 patients, situation and risk assessment, public health measures, and 5K messaging.
- New communication materials developed and disseminated this week include the following:

**Outbreak Response Series (Co-published by MOH and WHO)**

- o [5 bước theo dõi bệnh nhân COVID-19 tại nhà](#) (English: 5 steps to monitor people with COVID-19 at home)
- o [Quit smoking for better survival from COVID-19](#)
- o [WHO's technical assistance to Viet Nam on clinical evaluation and authorization of COVID-19 vaccines](#)
- o [Breastfeeding and Skin-to-Skin Advice after Delivery for Suspected and Confirmed COVID-19](#)
- o [Breastfeeding during COVID-19 pandemic](#) and [Safety in breastfeeding](#)
- o [Delta variant explainer in Vietnamese video](#)
- o [1 in 3 COVID-19 cases are asymptomatic - stay safe with protective measures](#) and [Video Explainer](#)
- o [Low risk does not equal NO risk -- keep all protective measures](#)
- o [Quarantine tips \(in English\)](#) and [Quarantine tips in Vietnamese](#)
- o [You can play a role in COVID-19 prevention](#)

**COVID-19 Vaccine Facts Series (Co-published by MOH and WHO)**

- o [Delta Variant and COVID-19 Vaccines](#)
- o COVID-19 vaccines, what you need to know: [Sinopharm Vaccine](#), [Oxford-astrazeneca Vaccine](#), [Pfizer BioNtech COVID-19 Vaccine](#) and [Moderna COVID-19 Vaccine](#)
- o [Risk of getting COVID-19 after vaccination, Risk of getting COVID from the vaccine](#)
- o [Getting vaccinated even with strong immune system](#)
- o [Continue 5K even after being vaccinated](#)
- o [COVID-19 is far from over -- continue to prevent transmission](#)
- o [Get vaccinated as soon as it is your turn](#)
- o [COVID-19 vaccination and breastfeeding, COVID-19 vaccination and pregnancy, COVID-19 vaccination and menstruation](#) and [COVID-19 vaccination and fertility](#)

**Mental Health and Be Kind Campaign Series (Co-published by MOH and WHO)**





**World Health Organization**

Representative Office  
for Viet Nam

## Viet Nam

Coronavirus Disease 2019 (COVID-19) Situation Report #54

8 August 2021

Report as of 8 August 2021



- o [Coping with Stress during Pandemic](#) and [You are not alone -- keep in touch virtually during lockdown](#)
- o [Be Kind and Stop the Spread of COVID-19](#)
- o [Be Kind and Support Each Other \(Prevent Stigma\)](#)
- o [People with COVID-19 need support, not stigma](#)
- o [We can get through the pandemic together](#)

### **Youth Campaign Series on Prevention of COVID-19 (Co-published by MOH and WHO)**

- o [You are young, stay safe and get vaccinated when it is your turn](#)
- o [You are young and you want to stop virus transmission, do the 5K](#)
- o [You are young, prevent COVID-19 in the workplace](#)
- o [You are young and healthy, follow 5K](#)
- o [You are young and enjoy going out, you have high risk of COVID-19](#)
- o [You are young and you want to protect your loved ones from COVID-19](#)
- o [You are young and working, protect yourself from COVID-19](#)
- o [You are young and healthy, protect yourself from COVID-19](#)

## WHO's support

WHO continues supporting MOH in various technical areas, such as providing technical advice with scientific evidences, supporting data management, reporting and information sharing, supporting reviewing and revising technical guidelines (i.e. updated *interim National Guidance on Surveillance, Prevention and Response* was issued on 30 Jul via MOH's Decision No.3638/QĐ-BYT), 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), etc.

**For updates before 2 Aug - See previous Sitreps**

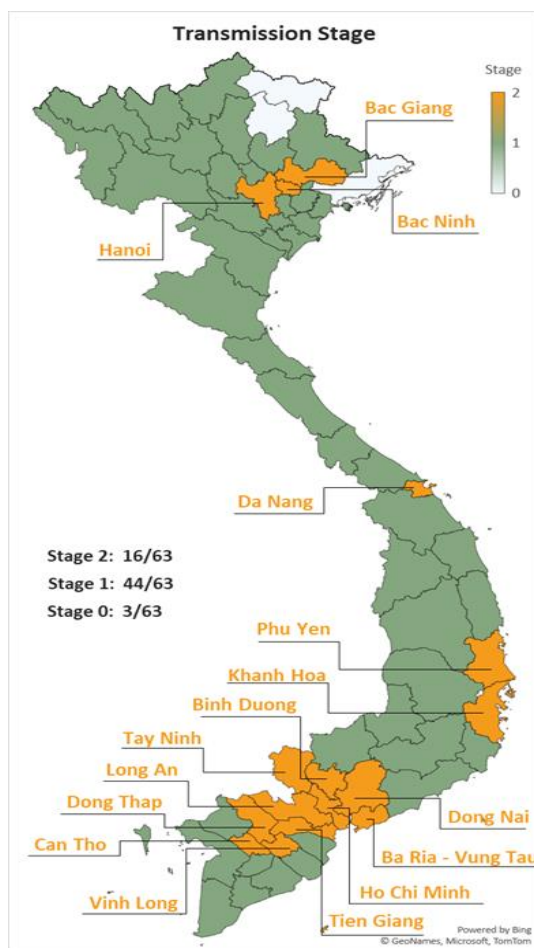
## Transmission Stage Assessment

**Overall assessment** – As of the week ended on 8 Aug 2021, 62/63 cities and provinces have reported COVID-19 cases in the current wave. **Three (3) provinces are in Stage 0; 44 provinces are in Stage 1; and 16 provinces are in Stage 2.** There is a risk of additional provinces moving upward in their transmission stage in the coming days given the evolving outbreak situation, especially those in the Southern region.

### Sub-national level

- **Sixteen (16) provinces are in Stage 2** – the existing 13 provinces (HCMC, Bac Giang, Bac Ninh, Binh Duong, Ha Noi, Da Nang, Long An, Tien Giang, Vinh Long, Dong Thap, Dong Nai, Khanh Hoa, Phu Yen) plus additional three provinces of Tay Ninh, Ba Ria – Vung Tau and Can Tho. Majority of these provinces continued to record increases of cases and clusters including those with unclear epi links. Clear signals of large-scale community transmission are being closely monitored.
- **Forty-four (44) provinces are in Stage 1** – during the week, three provinces (Tay Ninh, Ba Ria – Vung Tau and Can Tho) have moved from Stage 1 to Stage 2 having indicated more localized community transmission.
- **Three (3) provinces are in Stage 0** – Cao Bang, Bac Kan and Quang Ninh. These provinces are either have not reported any cases in this current outbreak or have passed at least 28 days without new cases (either locally or internationally imported cases) reported.

There have been **multiple clusters** of cases reported in **many provinces** and in **various settings** (i.e. hospitals, industrial parks, residential areas, office buildings, markets, quarantine facilities and communities). During the week, **high daily number** of cases and clusters continued to be **reported including those with unknown sources of infections** (around 10% of daily number), especially in HCMC (the percentage was higher though seems continued to decline), other Southern provinces (Binh Duong, Dong Nai, Long An, Tien Giang, Tay Ninh, Can Tho, Ba Ria – Vung Tau) and Central provinces (Khanh Hoa, Phu Yen, Da Nang). Currently, **16 provinces are in Stage 2; 44 provinces are in Stage 1, and 3 provinces are in Stage 0.**



Both Alpha (B.1.1.7) and Delta (B.1.617.2) VOCs have been detected in Viet Nam, while Delta is more dominant in recent outbreaks.

With strict NPI measures being applied in the past five weeks, the situation in HCMC started slightly subsiding. Nineteen (19) provinces including HCMC are entering the second week of a 15-day extension of the PM's Directive No. 16 implementation; Ha Noi has completed the first 15-day whole social distancing and is entering another 15-day extension. This coming two weeks continue to be critical to determine whether onward community transmission would be curbed. Further increases in number of new cases and possibly deaths are expected in coming days. Imported cases among incoming travelers and repatriated citizens are also expected.

### Transmission Stage Assessment

- Stage 0 - No cases**  
No new cases for at least 28 days. The risk of infection for most people in this area is minimal.
- Stage 1 - Imported cases**  
Cases detected in the past 14 days are all imported or are linked to imported cases. No clear signals of further locally acquired transmission. Minimal risk of infection for the general population. The risk of infection for most people in this area is very low.

\*Data may be incomplete for the current day or week

- Stage 2 - Localized community transmission**  
Cases and clusters detected in the past 14 days are locally acquired but are mostly limited to places or population sub-groups. No clear signals of large-scale community transmission. Low risk of infection for the general population. The risk of infection for most people in this area is low but increased if interacting with places or population sub-groups with known transmission.
- Stage 3 - Large-scale community transmission**  
Cases and clusters detected in the past 14 days are locally acquired and not limited to place or population sub-groups. Moderate to high risk of infection for the general population.

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

## Epidemiology

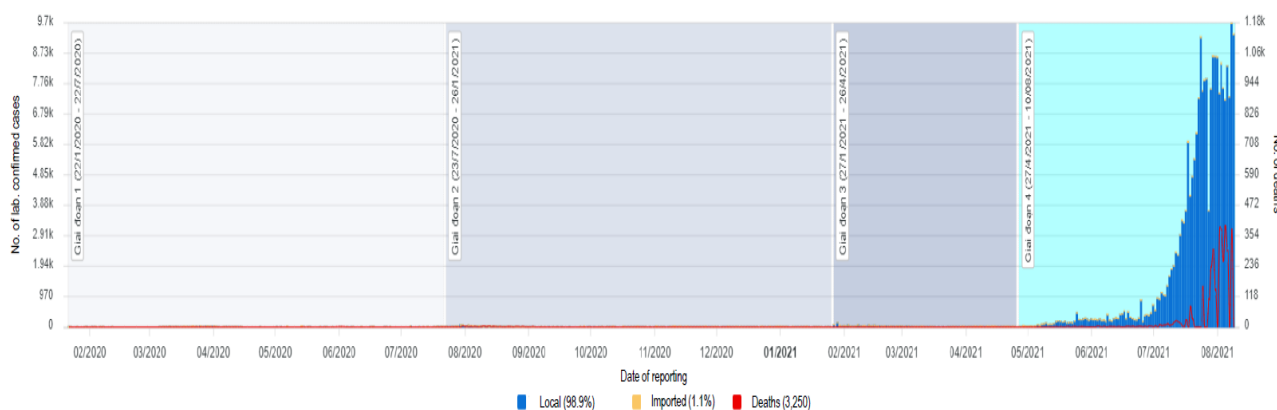
### Epi Update COVID-19

Tests	Cases	Deaths	ICU Admissions
<b>653,654</b>	<b>56,099</b>	<b>1,944</b>	<b>501</b>
NAT Tests past 7 days (-9.34% 7-day)	New cases past 7 days (+0.46% 7-day)	Deaths past 7 days (+2.08 times 7-day)	ICU Admissions past 7 days (+69 cases 7-day)
<b>14,412,934</b>	<b>210,405</b>	<b>3,250</b>	<b>878 (TBU)</b>
Cumulative NAT Tests	Cumulative Cases	Cumulative Deaths	Cumulative ICU Admissions

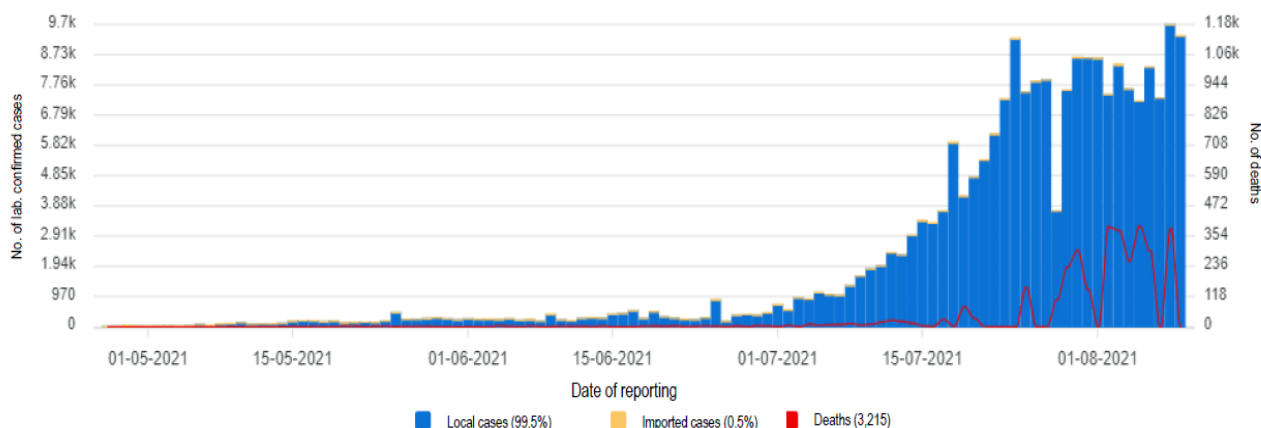
<b>0.31%</b>	<b>At least 10,200</b>	<b>At least 213</b>	<b>61 (TBU)</b>
Imported Cases in past 28 days (406)	Cases in past 28 days with no link (TBU)	Active Clusters (TBU)	Active clusters with >3 generations

### Health Service Provision COVID-19

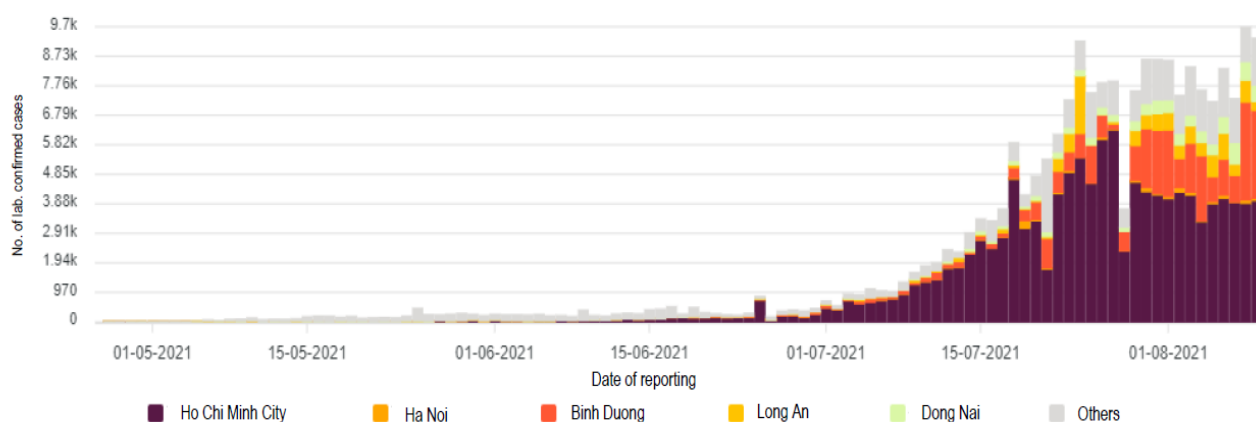
<b>Most of national hospital staff</b>	<b>54</b>	<b>56,099</b>	<b>16,000</b>	<b>30,000 (TBC)</b>
Health care workers trained in COVID19 Case Management	Healthcare worker cases reported past week (Total: 294) (TBU)	Hospitals admitting COVID-19 patients past week	ICU beds for COVID-19 patients (estimated nationwide) (ICU bed occupancy in HCMC 94.6%; in other affected provinces: TBU)	Non-ICU Hospital beds for COVID-19 patients (As of 8 Aug – at least 30 field hospitals set up across the country; ICU centres/ beds set ready in HCMC and other provinces)



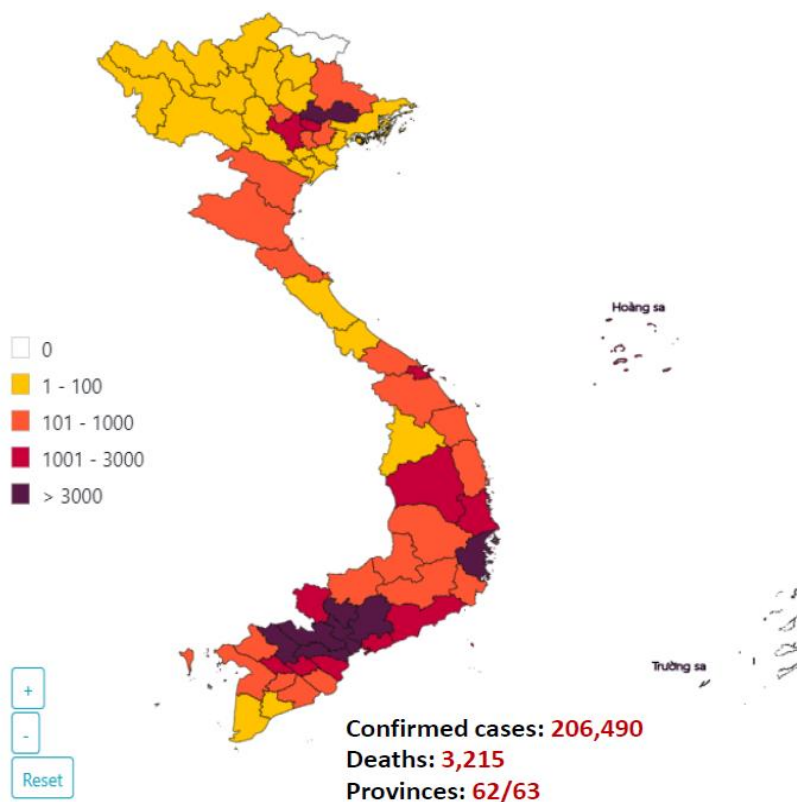
**Figure 1. Epidemic curve of COVID-19 laboratory confirmed cases, Viet Nam, by date of reporting, 23 Jan 2020 – 8 Aug 2021**



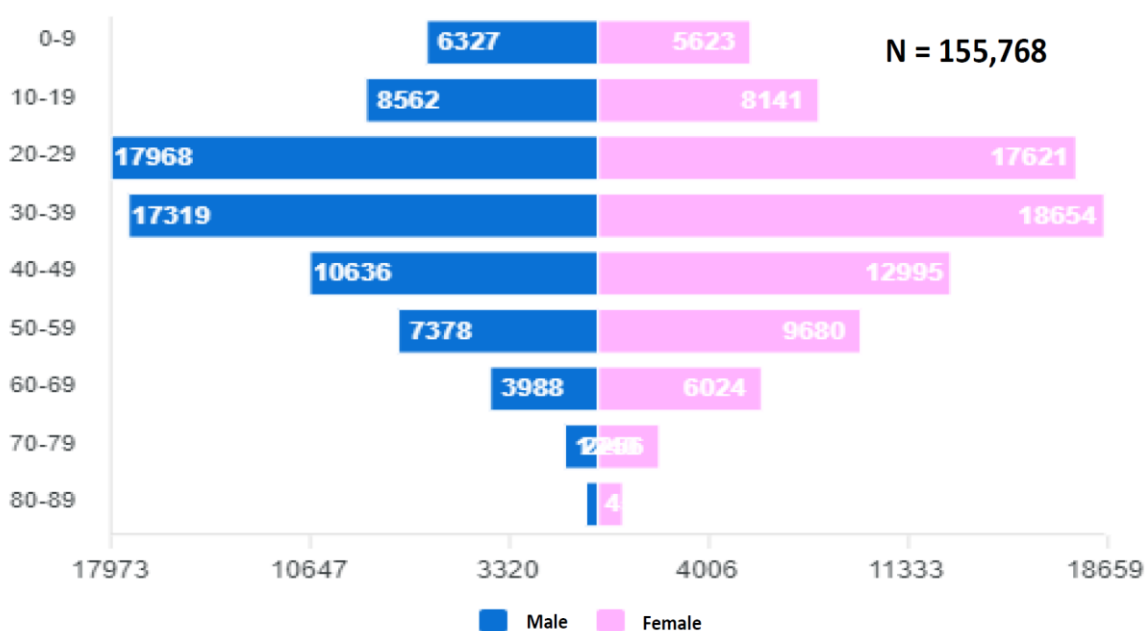
**Figure 2. Epidemic curve of COVID-19 laboratory confirmed cases and deaths by date of reporting for the current outbreaks, from 27 Apr – 8 Aug 2021, Viet Nam**



**Figure 3. Epidemic curve of COVID-19 laboratory confirmed cases for the current outbreaks, from 27 Apr – 8 Aug 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 – 8 Aug 2021



**Figure 5.** Distribution of COVID-19 cases by age group and sex, current community outbreak as of 9 Aug 2021 (N = 155,768)



Figure 6

**Geographical distribution of COVID-19 cases per 100,000 population by district  
Ho Chi Minh City, 29 Apr – 8 Aug 2021**

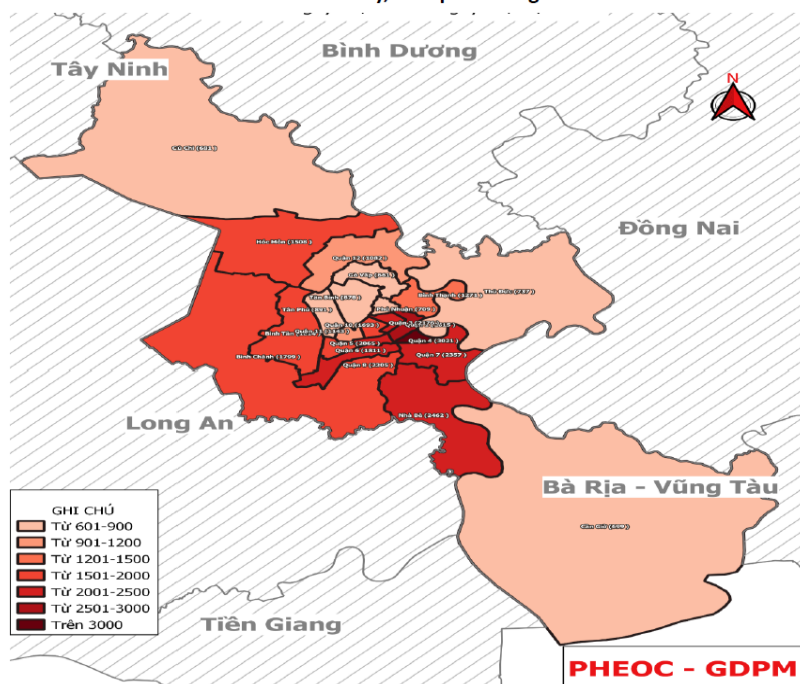
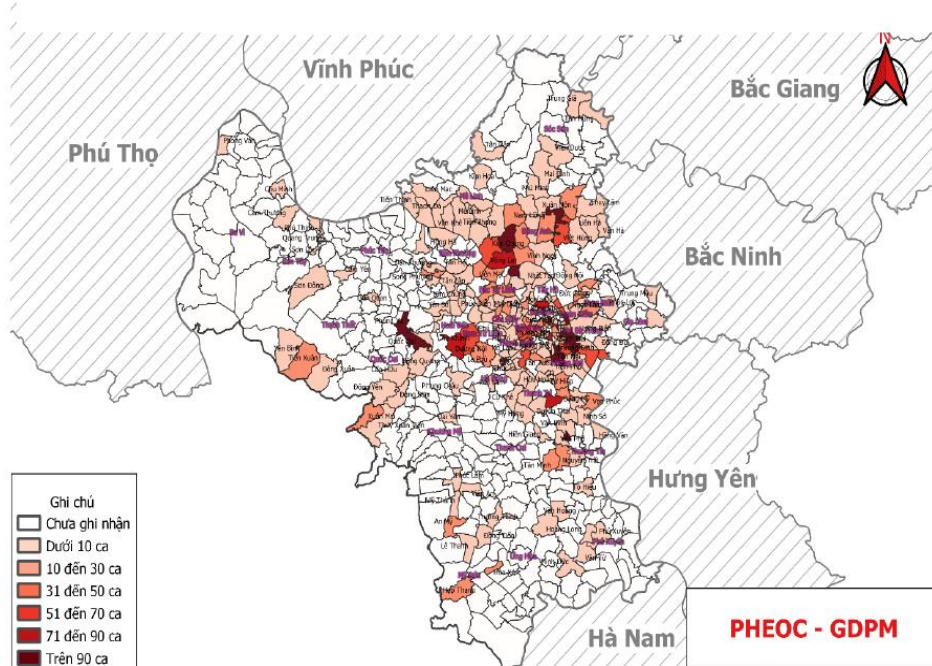


Figure 7

**Geographical distribution of COVID-19 cases at ward/ commune level  
Ha Noi, 29 Apr – 8 Aug 2021**



## ANNEX 1 – NPIs measures at provincial and district levels in some provinces as of 8 Aug

No	Province	Date of started implementing	NPI measures	Lifted/changed
1	Ha Noi	22 Jul	Centralized quarantine returnees from HCMC and other outbreak areas for 14 days	
		24 Jul	Started implementing PM's Directive No. 16	
		6 Aug	Continued implementing PM's Directive No.16	
2	Ho Chi Minh City	30 Jun	Continued implementing City's Directive No.10	
		0:00 9 Jul	Started implementing PM's Directive 16 in whole City.	
		22 Jul	Started implementing PM's Directive 16 plus in the City. - Risk & high-risk areas: Stay at home, go out twice a week to buy food - Very high-risk areas: Stay at home, food provided by local government. Implementing night curfew from 6PM-6 AM	
		31 Jul	Continued implementing PM's Directive 16 Plus in the City	
3	Nghe An	31 Jul	Quynh Luu district started implemented PM's Directive No. 16	
4	Quang Binh	22 Jul	Started implementing PM's Directive No. 15 in Bo Trach district and Dong Hoi City	
		23 Jul	Started implementing PM's Directive No. 15 in Minh Hoa district	
5	Da Nang	22 Jul	Started implementing PM's Directive No. 16 in the City	
6	Quang Nam	26 Jul	Started implementing PM's Directive No. 16 in Hoi An	
7	Binh Dinh	4 Jul	Started implementing PM's Directive No. 16 in Hoai Nhon district	
		1 Aug	Started implementing PM's Directive No. 15 in the province.	
8	Phu Yen	27 Jun	Started implementing PM's Directive No. 15 in the whole province.	
		22 Jul	Started implementing PM's Directive No. 16 in the whole province	
9	Khanh Hoa	9 Jul	Started implementing PM's Directive No.16 in Nha Trang City, Ninh Hoa and Van Ninh districts, the remaining districts start implementing PM's Directive No.15.	
		23 Jul	Continued implementing PM's Directive No.16 in Nha Trang City, Ninh Hoa and Van Ninh districts, the remaining districts start implementing PM's Directive No.15.	
		6 Aug	Start implementing PM's Directive No.16 in the whole province	
10	Binh Thuan	24 Jun	Started implementing PM's Directive No. 15 in Phan Thiet City. The province plans to start implementing this Directive in Tuy Hoa district from 25 Jun.	
		27 Jun	Started implementing PM's Directive No. 15 in Ham Thuan Bac district	
		15 Jul	Started implementing PM's Directive No.16 in La Gi district for 14 days	
		2 Aug	Started implementing PM's Directive No.16 in Phan Thiet City	
11	Ninh Thuan	16 Jul	Started implementing PM's Directive No.16 in Phan Rang-Thap Cham and Ninh Phuoc district, started implementing PM's Directive in 5 remaining districts for 15 days	
		31 Jul	Extended implementing PM's Directive No.15 and No.16 in above districts for 7 days.	
12	Gia Lai	17 Jul	Started implementing PM's Directive No.16 in Ayaun Pa district.	
		26 Jul	Started implementing PM's Directive No.15 in Pleiku City.	
13	Dak Lak	21 Jul	Started implementing PM's Directive No. 15 in the whole province	
		24 Jul	Started implementing PM's Directive No. 16 in Buon Ma Thuot City and và Cư Kuin district from 24 Jul until 7 Aug.	
14	Dak Nong	13 Jul	Started implementing PM's Directive No. 15 in the whole province	
		23 Jul	Started implementing PM's Directive No.16 in Gia Nghia Dist.	
15	Lam Dong	11 Jul	Started implementing PM's Directive No.16 in several communes, Don Duong district	
16 - 33	18 southern provinces	19 Jul	Started implementing PM's Directive No. 16 for 14 days.	
		31 Jul	Continued implementing PM's Directive 16	