



# **Addressing COVID-19 in Vietnam: Progress to date and future priorities**

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# Outline

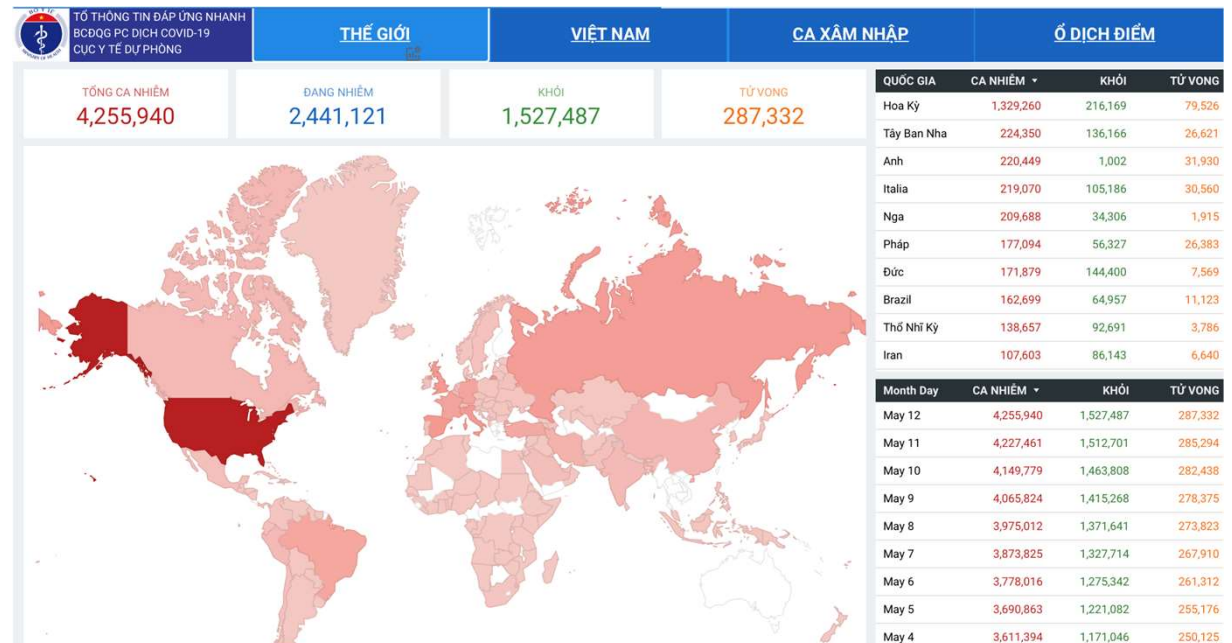
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1. Introduction
2. Vietnam situation report
3. Control measure to prevent COVID-19: the join of the whole system
4. Lesson learned and future priorities



# Introduction

1. How COVID-19 being understood in Vietnam?
2. How we learn everyday about COVID-19?
3. How Global COVID-19 situation have strong effect to Vietnam?





•To know the transmission mode



# Pathogen

- pathogenicity
- NEW to all

TRANSMISSION

Information  
response  
team

# Host

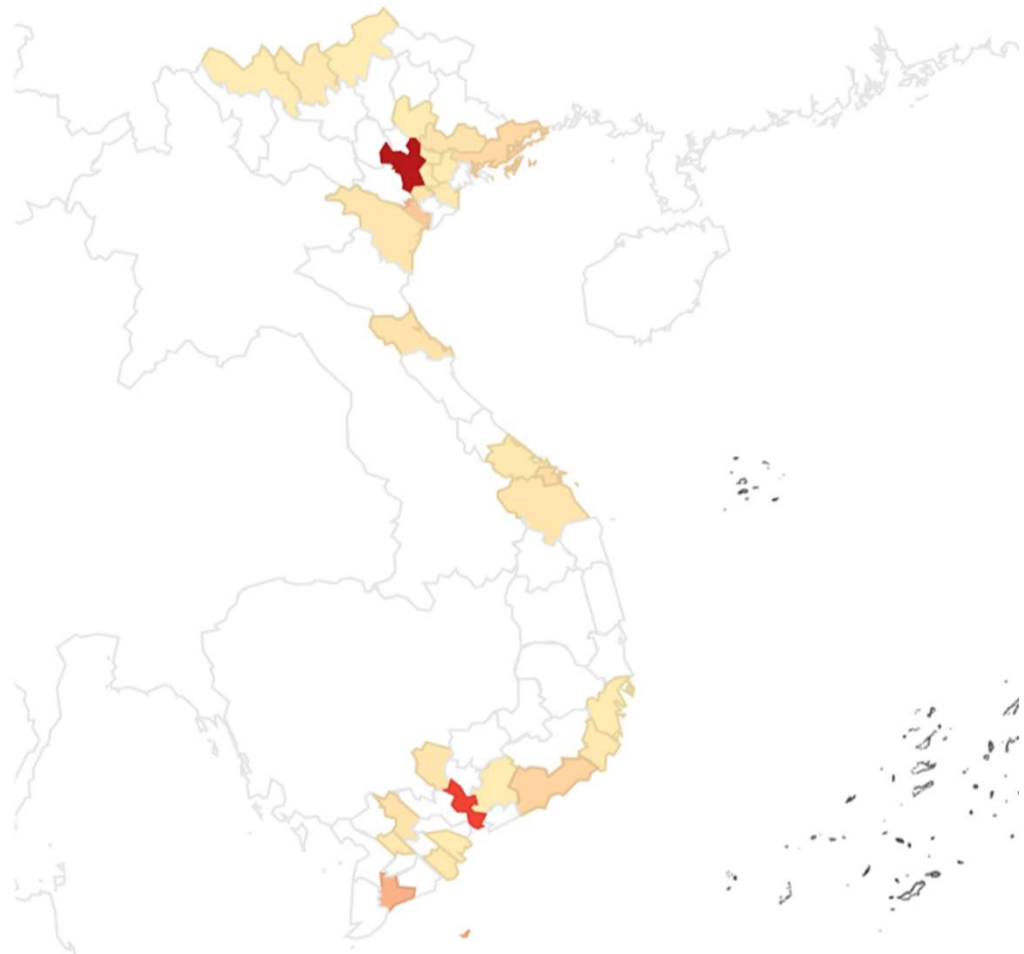
- Susceptibility
- Exposure factors
- Social factors

# Enviroment

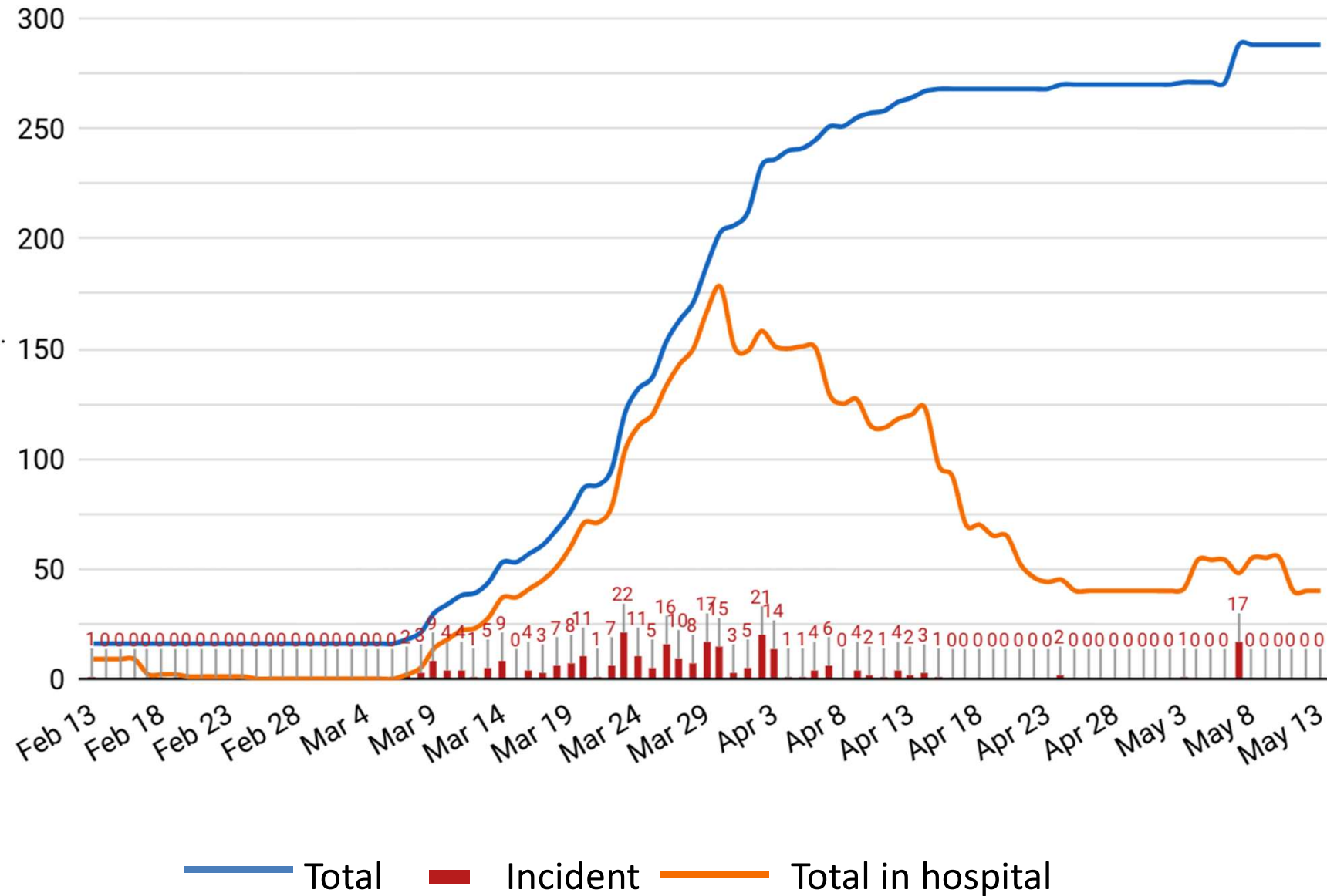
- Condition for sustain the virus and transmission

# Vietnam situation report

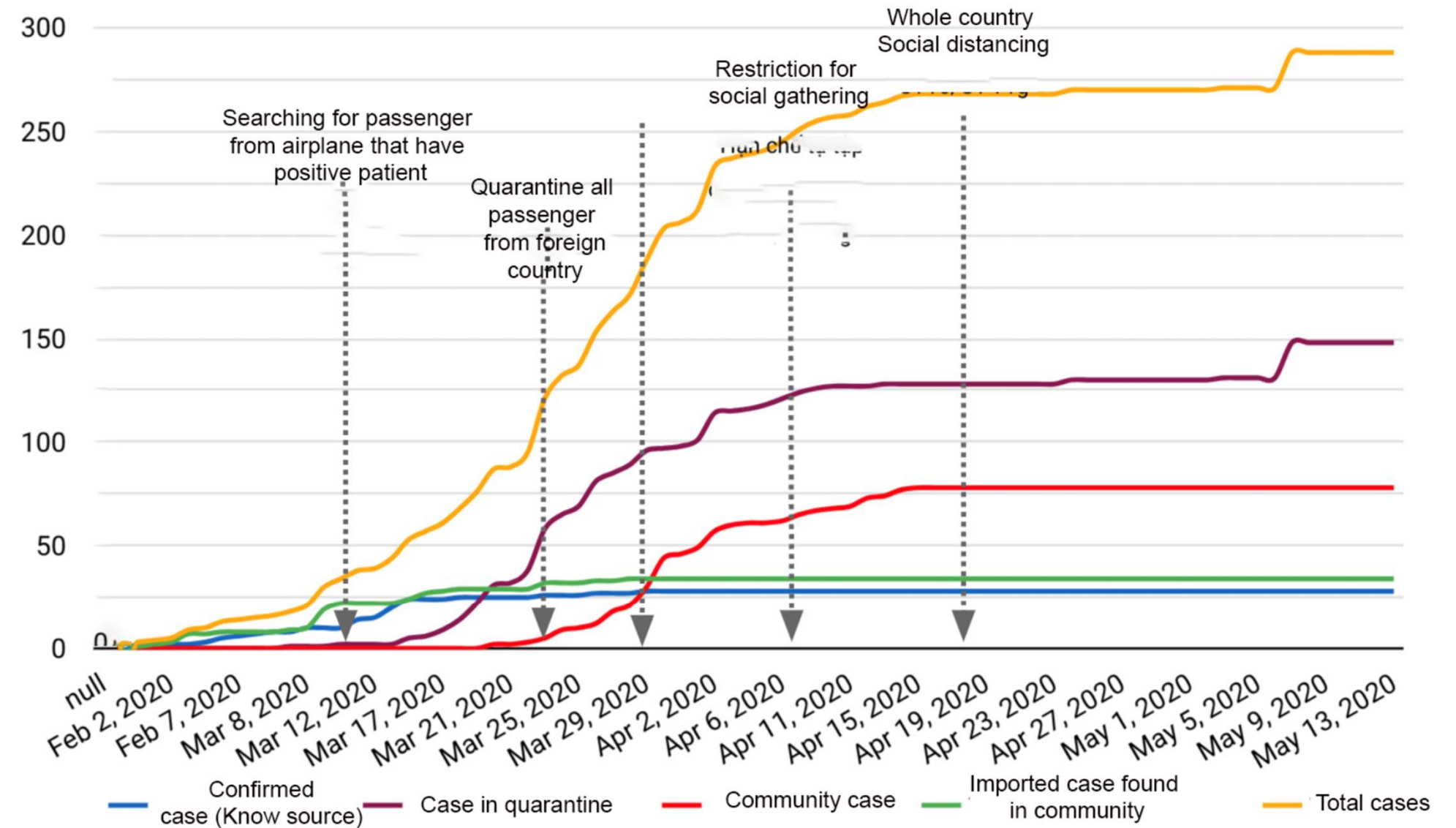
- RECOVERED: **251**
- IN HOSPITAL: **37**
- TOTAL 288



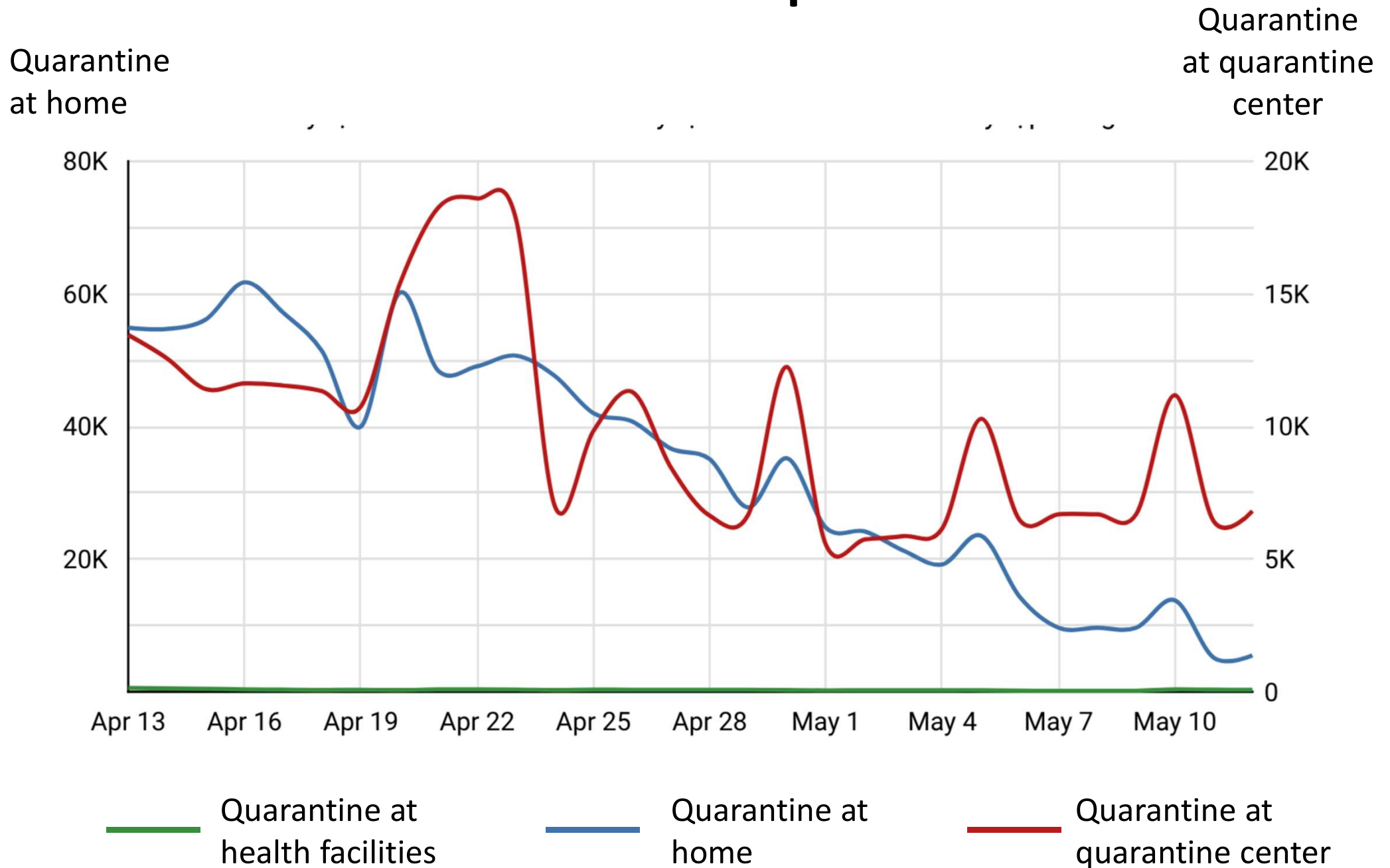
# Case distribution by day



# Cases by source of infection

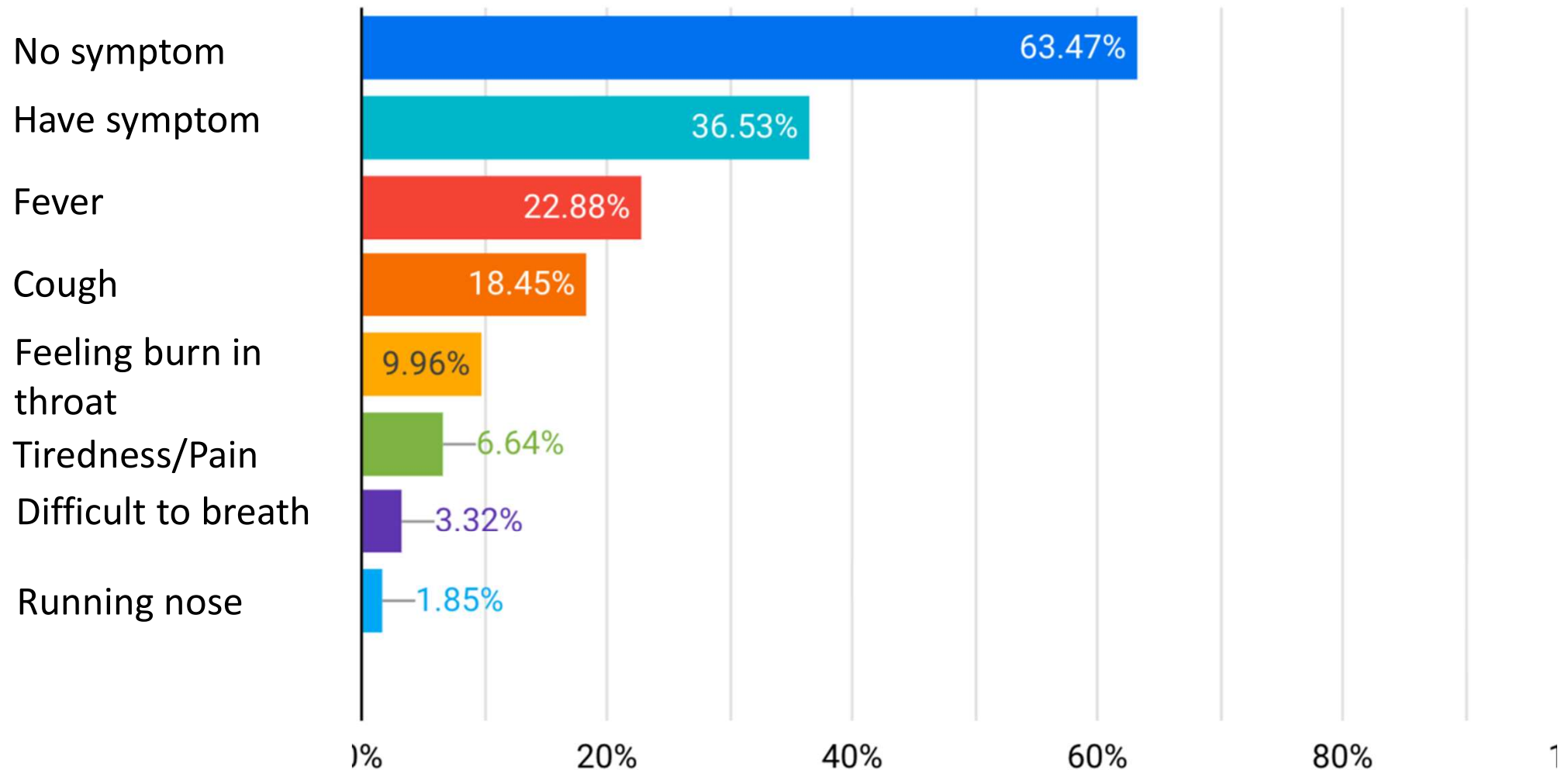


# Distribution of quarantine





# Symptom of patients when found



**13/02/2020 Sơn Lôi commune  
lockdown**

Patients 17 arrived (index)

**6/3 Truc Bach street lock down**

**13/3 Phan Thiet/Binh Thuan (2 streets)**

**17/3 Văn Lâm 3, Phước Nam commune, Thuận  
Nam district (Ninh Thuận) lockdown**

**23/3 fully lock down Thua Loi hamlet, Ben Tre**

**28/3 fully lock down Bach Mai hospital Doc 1702/BCĐ**

**Lockdown 2/4 Chi Trung village, Van Lam, Hung  
Yen**

**Lockdown 7/4 Ha Loi village, Me Linh, Ha Noi**

**22/4 Lockdown Dong Van district, Ha Giang**

13/2

2/3

4/3

6/3

13/3

17/3

20/3

28/3

2/4

3/4

7/4

11/4

14/4

20/4

22/4

23/4

30/4

6/5

269/QĐ-UBND date 12/2/2020 Vinh Phuc Emergency

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**Finish Son Loi lockdown (21 days)**

**20/3 Truc Bach lock down finished (14 days)**

**Contact tracing all people realte to Bach Mai hospital**

**3/4 Finish Phan Thiet/Binh Thuan (2 streets) lockdown**

**11/04 Finish lock down Bạch Mai (14 days)**

**14/4 Văn Lâm 3, Phước Nam commune, Thuận Nam  
district (Ninh Thuận) at 20:00 (21 days)**

**20/4 finish lock down Thua Loi hamlet, Thua Duc, Binh Dai, Ben Tre  
(28 days)**

**23/4 Finish lockdown Dong Van district, Ha Giang when all  
test negative but one patient**

**30/4 Finish lockdown Van Lam district, Hung Yen (28 days)**

**6/5 Finish Ha Loi lockdown (28 days)**



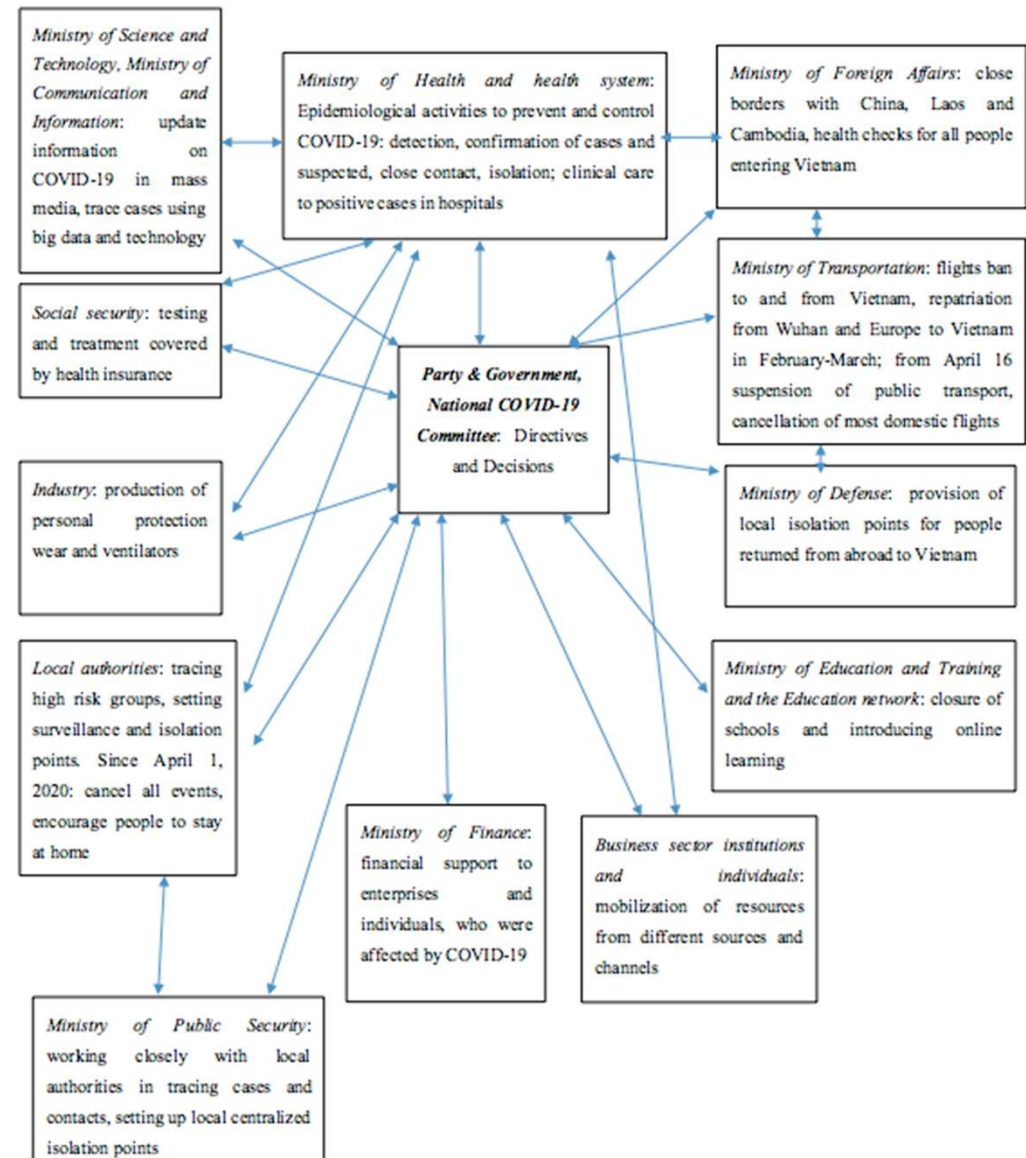
# Rapid Response

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1. EBS active – outbreak in China recorded in early December
2. Catch the first case in Late January
3. Taskforce Group established on 30 January
4. Stop National even, festival (many after Tet holiday)
5. Directive and decision on strengthening measures to prevent and combat COVID-19
6. Evidence base decision and not wait for WHO guideline

# Clear Leadership

1. Fighting the epidemic is like fighting an enemy
2. Clear message: “the government is willing to sacrifice economic benefits in the short term for the health of the people and work with principles that do not leave anyone behind.





# Supported Clinical Care and Emergency Public Health Response (1)

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1. Ministry of Health played a critical role
2. The Emergency Public Health Operations Center was activated at all level
3. Detection of cases, isolation, tracing cases, and the surveillance of suspected cases and close contact groups
  1. compulsory for everyone entering from China from 25 January 2020
  2. for all people arriving from elsewhere from 7 March 2020
  3. suspend visa exemption and restrict entry
  4. concentrated isolation with people who entered from or through epidemic areas and with everyone who entered from 21 March 2020

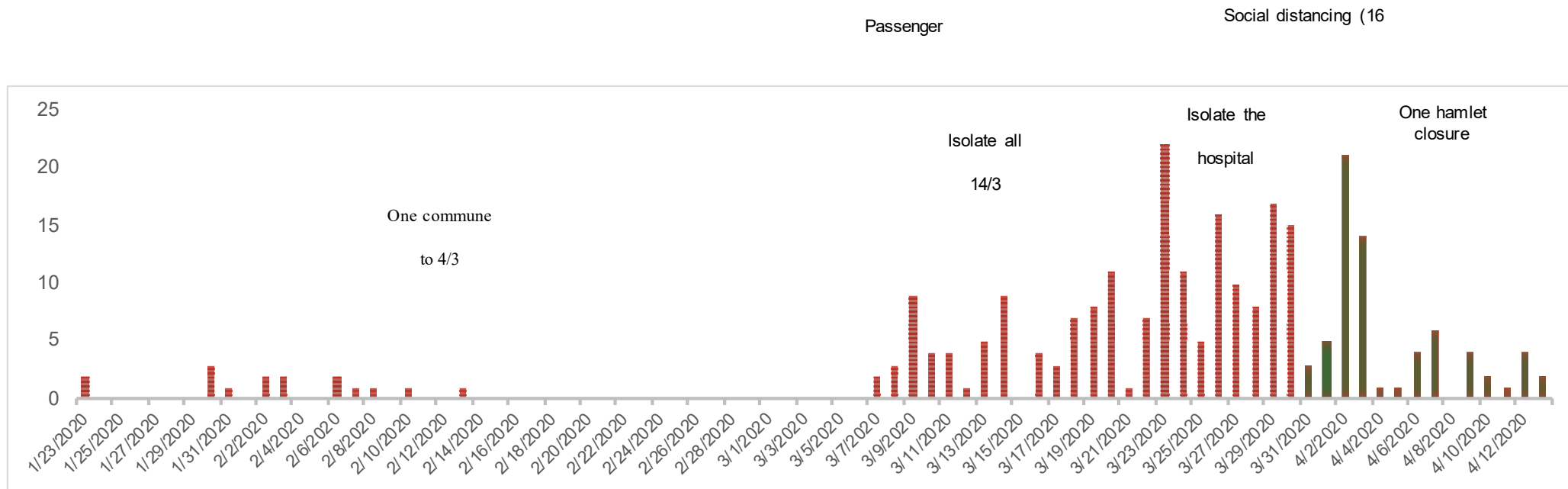


Figure 1. Epi curve of COVID-19 by sample date in Vietnam (n=265)

73 flights have COVID-19 patients

34 flights have to quarantine the whole passengers



# Supported Clinical Care and Emergency Public Health Response (2)

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1. Several guidelines on the medical treatment of COVID-19 patients that were adapted to the Vietnamese context
2. Implemented in all hospitals designated for COVID-19 treatment
3. Local commune health centers provide primary health care services in Vietnam
4. The Ministry of Health (MOH) also organized several site visits to support local health facilities to prepare for combating COVID-19 and mobilized provision of medical equipment and protective measures for health facility workers



# Multi-Sectoral Approach

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1. The media communicated closely with the Ministry of Health (MOH) Implemented in all hospitals designated for COVID-19 treatment. Official newspapers, government's website, MOH's website and open TV channels
2. The repeated communication on the prevention of COVID-19 (wearing masks, hand washing),
3. Promotion of social distancing (stay home and keep distance from others)
4. Transparent information on positive case
5. Ministry of Health created an official account on social media sent SMS to all citizens, and changed waiting ringtones to a voice message to remind about COVID-19 protection measures



# Infographic

## 5 ĐIỀU NGƯỜI DÂN CẦN LÀM ĐỂ PHÒNG CHỐNG DỊCH COVID-19

ĐƯỜNG DÂY NÓNG: 19009095 - 19003228



Hạn chế tối đa  
ra ngoài



Giữ khoảng cách,  
đeo khẩu trang



Rửa tay  
thường xuyên

### NGUYÊN TẮC SỬ DỤNG KHẨU TRANG



**KHẨU TRANG Y TẾ N95  
HOẶC TƯƠNG ĐƯƠNG**



Chỉ dùng cho kỹ thuật viên  
xét nghiệm, nhân viên y tế,  
người tiếp xúc trực tiếp  
để khám, điều trị, chăm sóc  
người bệnh COVID-19



BỘ Y TẾ  
INFOGRAPHIC

Dành cho cán bộ y tế khi làm việc  
trong môi trường y tế ở khu vực  
có khả năng lây nhiễm và tiếp xúc  
nhiều với người bệnh  
(khoa khám bệnh, khoa điều trị,  
khoa hồi sức tích cực...)



**KHẨU TRANG Y TẾ\***

Hãy vận động khi ở nhà  
trong mùa dịch **#COVID19**

LÀM VIỆC TẠI NHÀ LÀ THỬ  
THÁCH, TÔI CẦN THƯỜNG  
XUYÊN ĐỨNG DÂY ĐỂ CÓ  
ĐUÔI CHẦN TAY

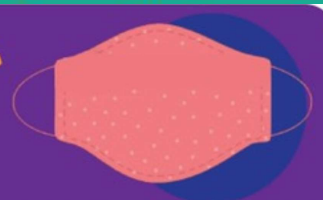


**KHẨU TRANG VẢI  
KHÁNG GIỌT BẮN,  
KHÁNG KHUẨN  
(KHẨU TRANG 870)\*\***



- Dành cho cán bộ y tế làm việc ở những nơi ít có nguy cơ
- Người tham gia phòng chống dịch
- Người bệnh trong cơ sở điều trị bệnh không lây nhiễm
- Người phục vụ ở các khu vực công cộng như lễ tân, bãi xe, cảng biên phòng, cửa khẩu, cảng hàng không...

Sử dụng cho mọi người  
khỏe mạnh và ở những  
khu vực ít có nguy cơ  
lây nhiễm



**KHẨU TRANG 3, 4 LỚP\*\*\*,  
KHẨU TRANG VẢI**



# Test test and test and know the challenges

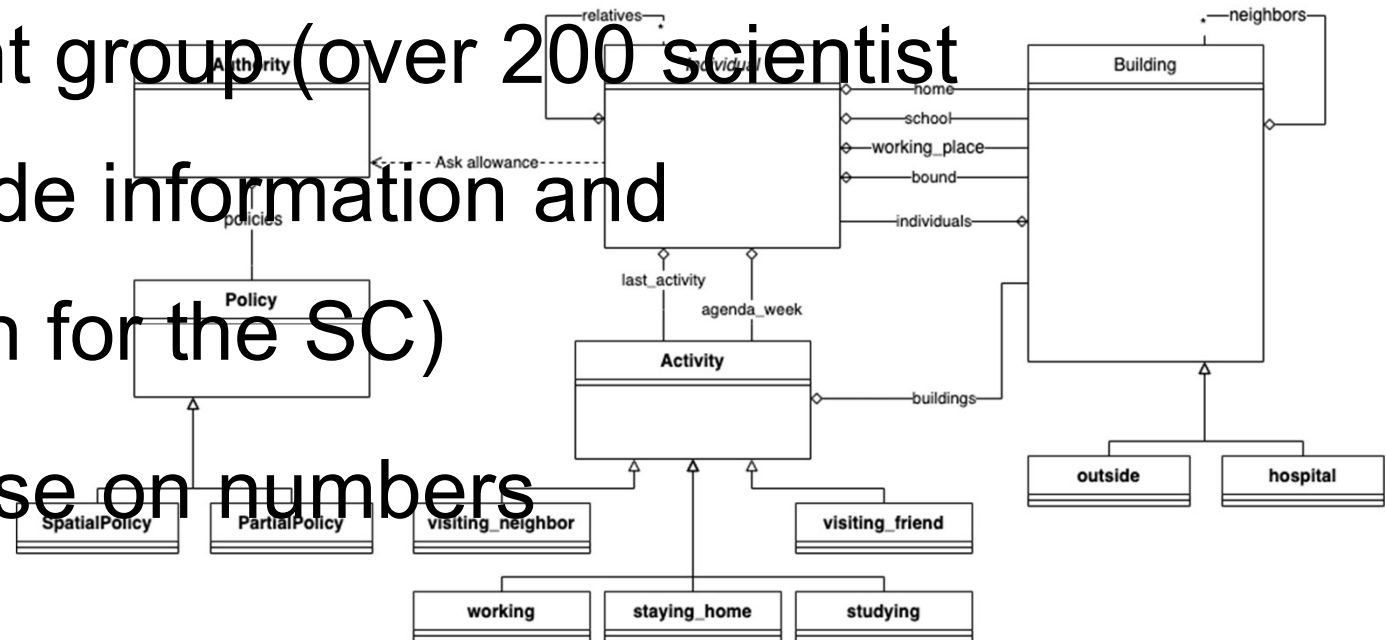
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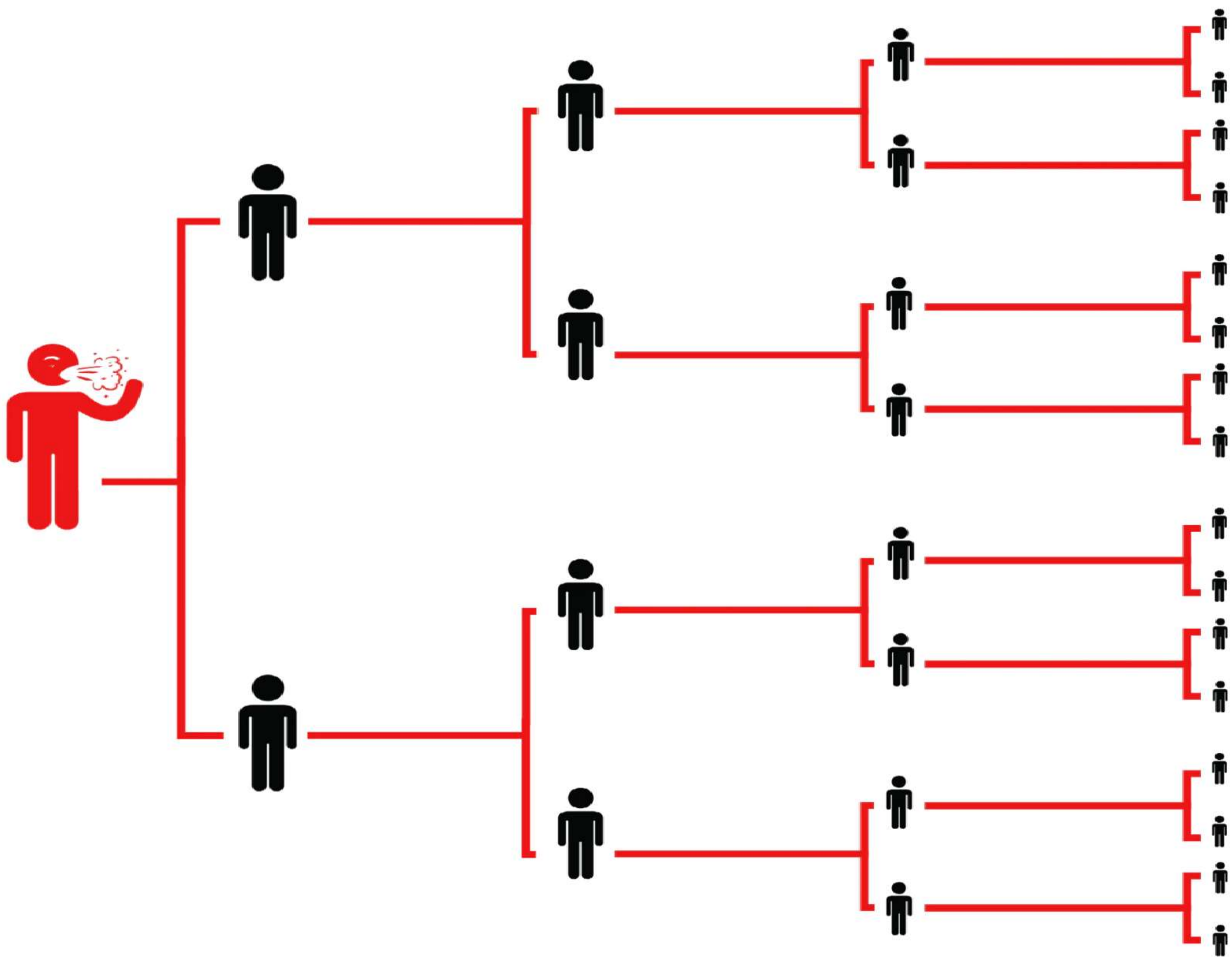
1. The lack of medical equipment (ventilators in ICU)
2. Lack of personal protective equipment (masks and gowns) for medical staff in the hospitals
3. The decision for extend testing capacity
  1. 4 institutes at beginning
  2. 120 Lab facilities currently
  3. ~300.000 test done (1 positive per 1000 test)

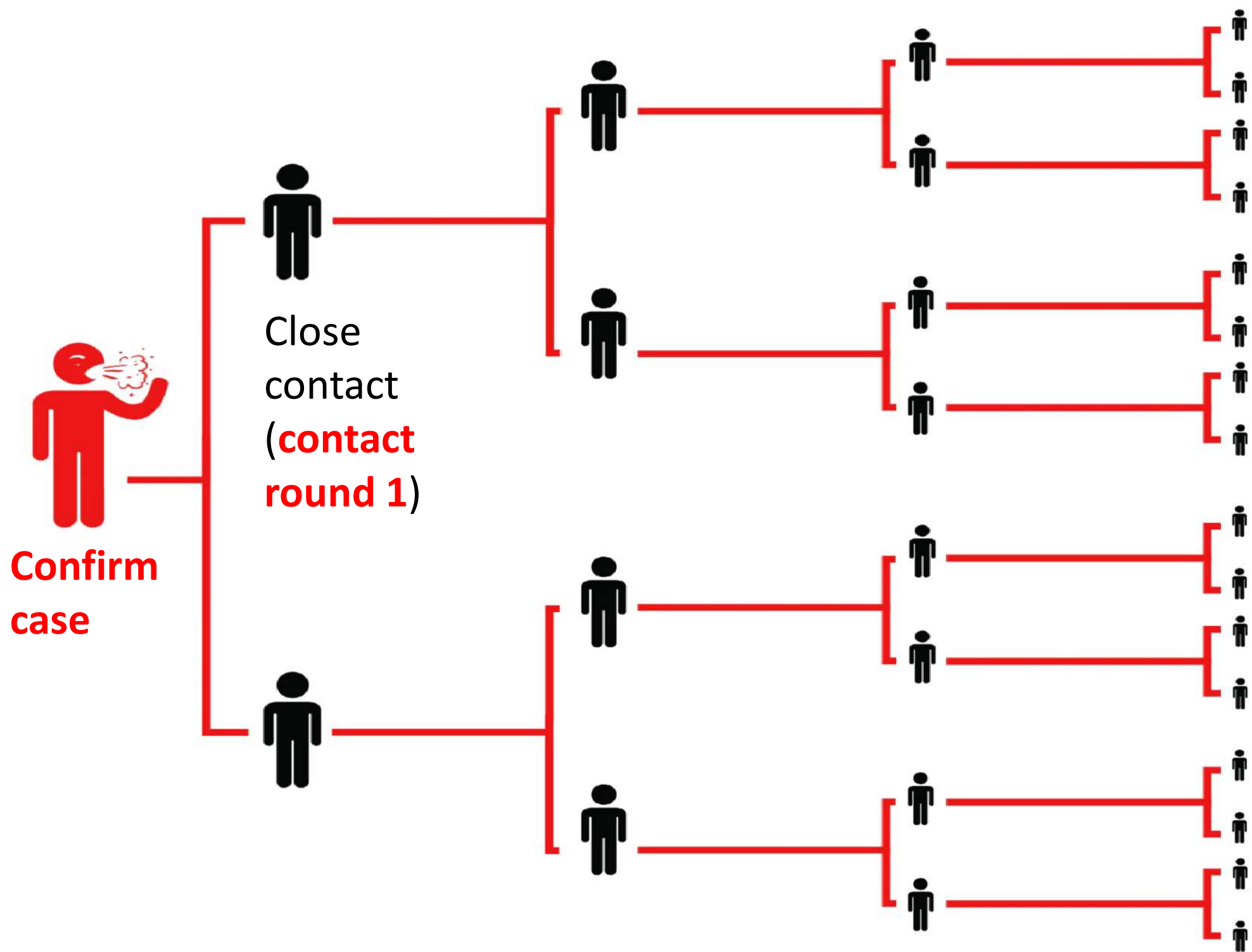


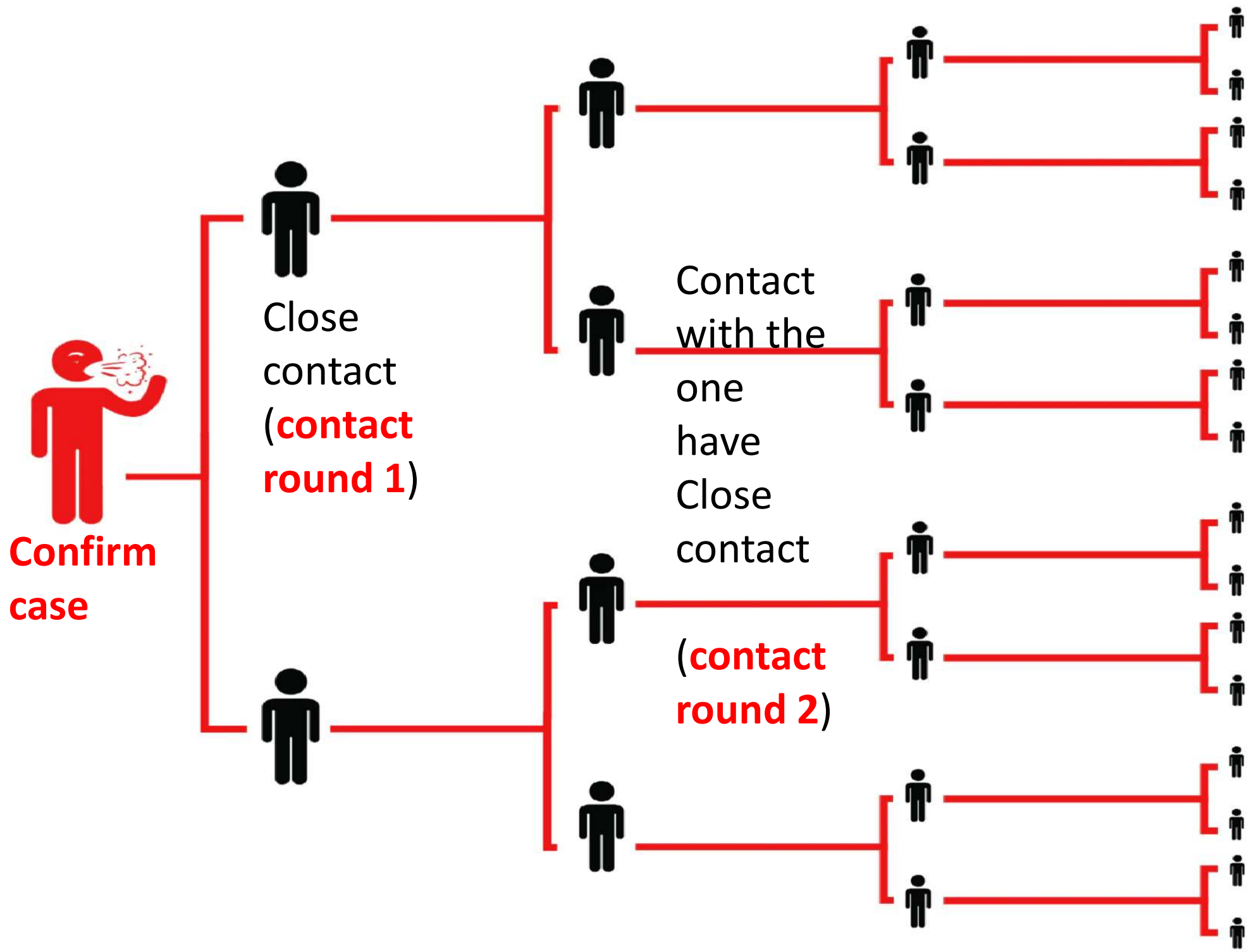
# Technology could help

1. New app launch to help self report and epidemic report
2. New app help contact tracing
3. Risk database (30 group of risk variable)
4. Risk assessment group (over 200 scientist working to provide information and recommendation for the SC)
5. The decision base on numbers











# Treatment: leave no one behind

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1. Treatment with the change form world experience
2. Longer observation (14+14+)
3. Test and test
4. Clear guild line

# Lesson learned



BASE ON SELF  
CAPACITY (E.G  
TESTING)



STRONG  
SURVEILLANCE  
NETWORK



TRANSPARENCY



KEEP LEARNING



# Future priority



TEST TECHNIC  
(CONTINUE) – QUICKER  
AND MORE PRECISE,



VACCINE DEVELOPMENT  
(2 COMPANIES)



OPEN SCIENCE



CONTACT TRACING AND  
INFORMATION APP

*Xin trân trọng cảm ơn!*



Thanks you for your  
attention

