



**TOWARDS HERD IMMUNITY:**  
**ROAD TO**  
**80 PERCENT**

# Why do we need to get vaccinated?

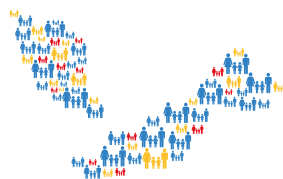
- 1 We do not want to get infected by COVID-19.
- 2 We want to protect ourselves, our families, and our community from being infected.
- 3 We can contribute to form herd immunity.



**No one in the population is immunised**  
COVID-19 spreads through the population



**Some of the population gets immunised**  
COVID-19 spreads through some of the population



**Most of the population gets immunised**  
Spread of COVID-19 is contained



**Infected**



**Susceptible (not immunised)**



**Immunised**

- 4 Economic and other sectors can continue operating as usual, as self and community protection can be achieved.
- 5 COVID-19 vaccination is as safe as it is registered and approved by the National Pharmaceutical Regulatory Agency (NPRA).
- 6 Side effects of vaccination are mild and temporary.

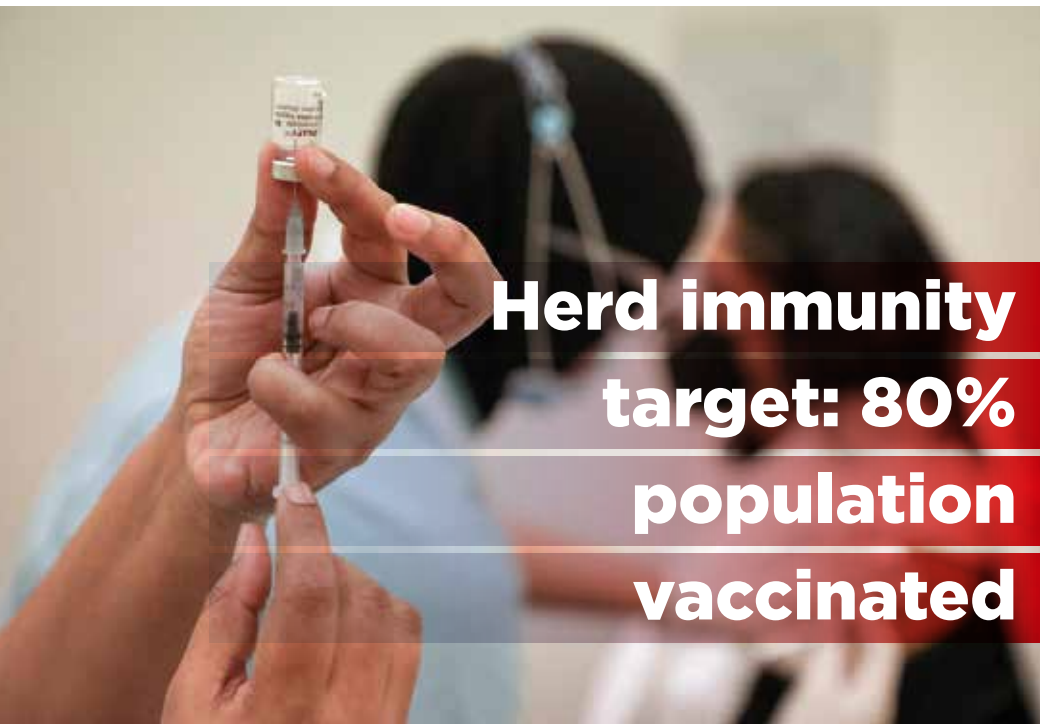


## **Towards herd immunity in Malaysia**

Herd immunity is the indirect protection from an infectious disease, where a sufficient proportion of the population has achieved immunity against COVID-19 through vaccination. Herd immunity will significantly reduce the spread of the disease and protect those that cannot be vaccinated.

Even individuals not vaccinated (such as newborns and those with contraindications for the vaccines) are offered some protection because the disease has little opportunity to spread within the community. To achieve herd immunity, a substantial proportion of a population would need to be vaccinated. The Special Committee on COVID-19 Vaccine Supply (JKJAV) has put a target of 80%."

In some diseases like measles, 90-95% of a population need to be vaccinated to achieve herd immunity; in others like polio, we require about 80%. It is very likely that for COVID-19 we will require at least 75-85% of the population to be vaccinated.



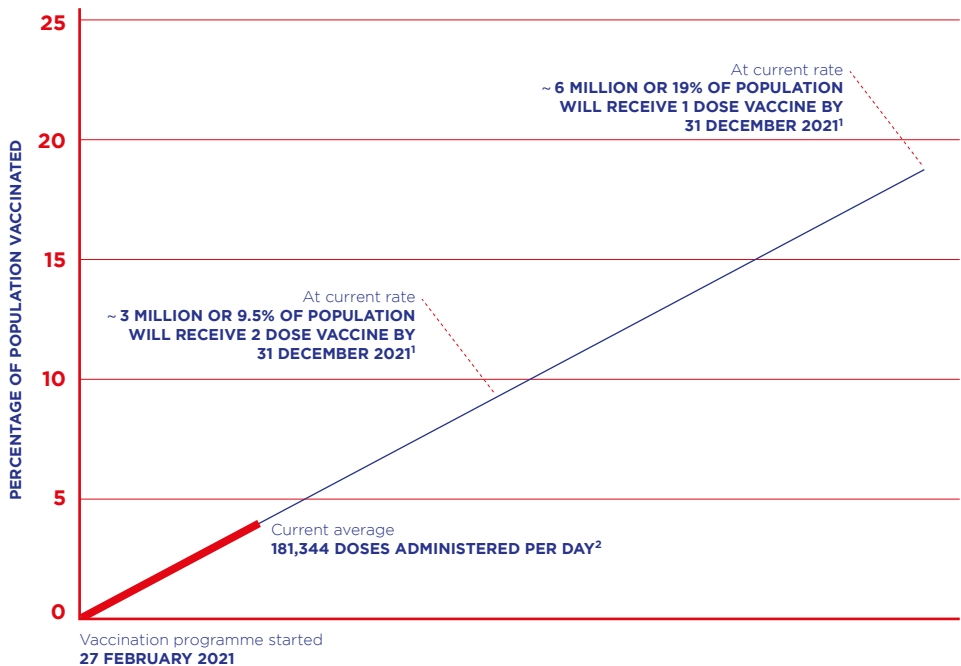
**Herd immunity  
target: 80%  
population  
vaccinated**

## **What is a vaccine?**

Vaccine is a type of medicine designed to protect your body against infectious diseases. Vaccines train our immune systems to create proteins that fight disease, known as ‘antibodies’, just as would happen when we are exposed to a disease but – crucially – vaccines work without making us sick.

It introduces your body to a harmless and inactive form of virus. The vaccine stimulates your body’s immune response so that if you are infected with a harmful disease, your immune system can quickly prevent the infection from spreading within your body.

Vaccinated people are protected from getting the disease in question and passing on the pathogen, breaking any chains of transmission. Therefore, we need to get ourselves vaccinated to stop the spread of COVID-19.



## COVID-19 vaccination in Malaysia

Malaysia's vaccination programme kicked off on Feb 24, 2021. More than 12 million people have signed up for the COVID-19 vaccine in the country, with 2.3 million, or 18.2% having administered either one or both doses of vaccines. This means only about 6.9% of the population have been vaccinated in three months. The low projection of 19% immunity by Dec 31, 2021 could be due to two factors; a slow roll-out on vaccination and a significant portion of 60.4% of unregistered population (as of June 5, 2021).

Researches have shown that vaccines are effective at reducing hospital admission and clinical infection, thus reducing the country's healthcare burden. It would also result in a huge reduction in symptomatic cases, long-term morbidity and deaths.

With the current surge in daily cases, Malaysia's health experts have called for a faster COVID-19 vaccine roll-out.

### Sources

<sup>1</sup> Dr Amar-Singh HSS, COVID-19 Vaccination: Can We Achieve Herd Immunity?

<sup>2</sup> Jawatankuasa Khas Jaminan Akses Bekalan Vaksin COVID-19.



# **MERCY Malaysia supports achieving herd immunity through vaccination**

## **MERCY Malaysia Sabah volunteers step up support for frontliners towards herd immunity.**


**Sabah, May 27:** MERCY Malaysia Sabah Chapter deployed volunteers to support Pusat Kesihatan Daerah (PKD) Papar, Sabah in vaccination programme. 10 MERCY Malaysia volunteers of medical and non-medical background are already on the ground since yesterday assisting in registration, client assessment and data entry.

This deployment intends to help in speeding up the vaccination process in the area and indirectly help in boosting up the country's vaccination rate.

Malaysia has targeted to achieve herd immunity by the end of the year. However, this will remain a huge challenge if the percentage of those who registered for vaccination is still low while the rate of absence for vaccination appointments is high.

Malaysia has a long way to reach 80 per cent coverage or herd immunity for COVID-19. Low rate of registration for vaccination and high rate of absenteeism may further delay the wish of getting everything back to normal.

Hence, it is a part of everyone's responsibility to get the vaccine and be on time for it. Let's not waste the time and effort of the frontliners and volunteers who have put their health and lives on the line working to keep our country safe again.



**Malaysia's COVID-19  
cases are at peak  
and rising.  
153 infections per 100K  
people reported  
in the last 7 days.**



## **MERCY Malaysia helps vaccination process for senior citizens in Melaka.**


**Melaka, May 26:** Not proficient in using MySejahtera is one of the reasons senior citizens fail to attend vaccination appointments. Thus, several initiatives have been rolled out by the government and NGOs. Among the initiatives is to get the vaccination to them.



Early this month, Jabatan Kesihatan Negeri (JKN) Melaka have decided to bring the vaccination programme to the elderly homes in the state. MERCY Malaysia Melaka Chapter was asked to set up an independent mobile vaccination team to help JKN Melaka at the homes. The programme has started on Monday at Rumah Seri Kenangan Cheng, Melaka and assisted by volunteers from the nearby area.

Situation in the state is worsening, and vaccination exercise needs to be sped up. According to a report, ten new COVID-19 clusters have emerged in the state, with 27-year-old Melakan being the youngest of 12 recent deaths from the disease.





**NGOs' support are  
required to assist the  
Ministry of Health to  
accelerate vaccination  
process at PPVs and  
mobile PPVs nationwide.**

## **COVID-19 Vaccines: MERCY Malaysia Johor Chapter visited elderly homes in Johor.**

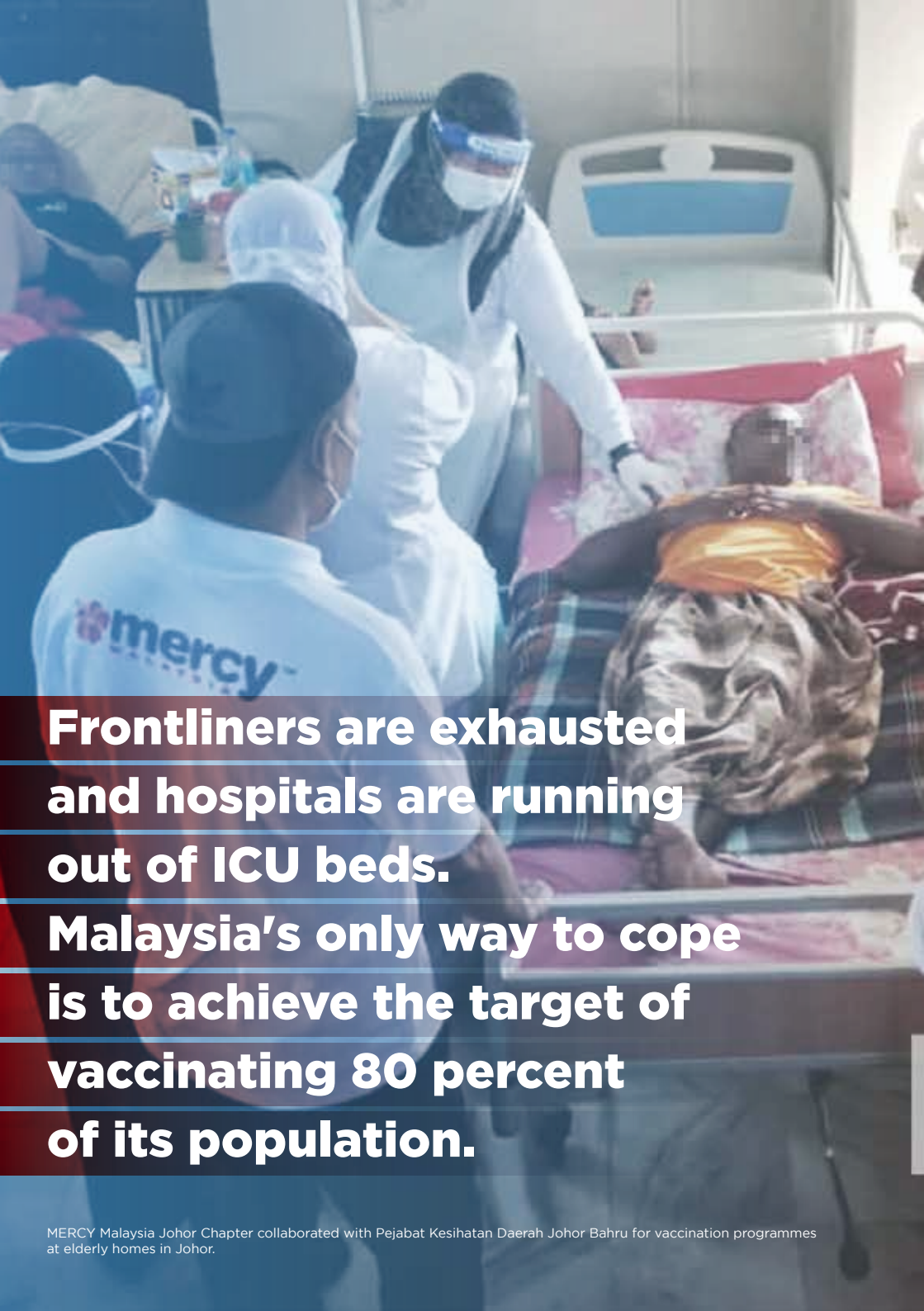
**Johor, June 5:** MERCY Malaysia Johor Chapter collaborated with Pejabat Kesihatan Daerah Johor Bahru (PKDJJB) in the vaccination program at the elderly homes in Johor.

Led by Dr Hidayah from PKDJJB, MERCY Malaysia COVID-19 Vaccination Team in Johor had started off at two care centres. The team consists of three doctors, one medical assistant, one staff nurse, and five administrators are trained by KKM staff and doctors.



The team had also assessed other folks homes around the area for the next visit. This visit will be carried out this Sunday at a home with about 120 elderlies who are willing to get vaccinated.

Special thanks to Dr Hidayah and staff for their assistance and expertise as well as the volunteers for their help and time. Not to forget St John Ambulance, who have been on standby throughout the mission in the case of any emergency.



**Frontliners are exhausted  
and hospitals are running  
out of ICU beds.  
Malaysia's only way to cope  
is to achieve the target of  
vaccinating 80 percent  
of its population.**





## Help us to accelerate the process

MERCY Malaysia is supporting the COVID-19 Immunization Task Force (CITF) as many volunteers (medical and non-medical) are needed to manage the Vaccination Dispensing Centre/ Pusat Pemberian Vaksin (PPV). The structure of CITF will emphasise on a whole of society approach, which will include all agencies in the Federal government, state governments, local authorities, non-governmental organizations, and volunteers all the way to individuals.

**MERCY Malaysia is mobilising its team to conduct door-to-door vaccination** in June, focusing on people that are unable or with restricted mobility, which include the bedridden, disabled and sick people to go to the designated centres for their vaccine shots.

In order to mobilize its team, **funding support is required to cover logistics, meals, PPEs, face masks, and other direct and indirect support cost.** This project is a high value – high impact program that directly supports national effort on its vaccination/immunization program, thus increasing community resilience towards achieving herd immunity for the country.



## TOWARDS HERD IMMUNITY

Those who wish to support the COVID-19 Vaccination effort, may channel your donation to MERCY Malaysia through:

**MERCY Humanitarian Fund:**  
**5621 7950 4126 (Maybank)**

**MERCY Malaysia:**  
**8000 7929 08 (CIMB)**

or through [www.mercy.org.my](http://www.mercy.org.my)  
**Ref: COVID-19 Pandemic Fund**

For Zakat contribution

**MERCY Malaysia:**  
**5642 5858 7606 (Maybank Islamic)**

All monetary donations to MERCY Malaysia are tax-exempt.

## ABOUT MERCY MALAYSIA

MERCY Malaysia is a non-profit organisation focused on providing medical relief, sustainable health-related development and risk reduction activities for vulnerable communities in both crisis and non-crisis situations, both locally and internationally.

MERCY Malaysia recognises the value of working with partners and volunteers as well as providing opportunities for individuals to serve with professionalism. We uphold the Humanitarian Principles Code of Conduct, and hold ourselves accountable to our donors and aid recipients.

To ensure independence and impartiality, MERCY Malaysia relies on donations from the general public for financial support. A portion of our income is obtained from institutional donors, individual government grants and other international organizations, which are given on project basis.

MERCY Malaysia spends 80% of its income in carrying out its relief operations and programs.

## The needs

### MOBILE TEAM\*

**Medical officer**

**Nurse**

**Assistant medical officer**

**General volunteer**

**Driver**

\*It is estimated that one vaccinator can vaccinate 15 recipients per hour.

### SUPPORT NEEDS

**Logistics support**

**Meals**

**PPE**

**Face masks**

**Gloves**

**Communication materials\***

\*Awareness and reach out materials for risk communication and community engagement.





 **mercy**<sup>®</sup> for Malaysia  
MALAYSIA

#LindungDiri  
#LindungSemua  
#KitaJagaKita  
#InvestInHumanity  
#RoadTo80Percent  
#MERCYMalaysia