



**INSTITUTE FOR HEALTH BEHAVIOURAL RESEARCH
MINISTRY OF HEALTH MALAYSIA**

COVID-19 Vaccine: Accept or Refuse ?

KEY FINDINGS

COVID
19
CORONAVIRUS
VACCINE

COVID-19 VACCINE ONLINE SURVEY 2.0 : ACCEPT OR REFUSE ?

NMRR - 21-450-59236 ; Infographic Booklet

Advisor

Dr. Manimaran a/l Krishnan Kaundan , Director of IHBR
Puan Suraiya Syed Mohamed , Health Education Officer, Health Education Division MOH

Principal Investigator

Saiful Adli bin Suhaimi, Health Education Officer of IHBR

Co-Investigator:

Komathi Perialathan, Health Education Officer of IHBR
Zakiah Mohd. Zin, Health Education Officer of IHBR
Nadia Hani Jahaya, Health Education Officer of IHBR
Dr. Affendi Isa, Health Education Officer, Health Education Division MOH
Zanariah Zaini, Health Education Officer, Health Education Division MOH
Nur Faezah Hamzah, Health Education Officer, Health Education Division MOH

Data Analyst

Mohamad Yazlie Aizat Yang Ramli, Research Officer of Health Education Division MOH

Reviewer

Dr. Normawati Ahmad, Health Education Officer of IHBR
Dr. Ng Kheng Ban, Health Education Officer of Health Education Division, MOH

Designer

Muhamad Fathul Hakim bin Nordin, Assistant Information Officer of IHBR

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No.1, Jalan Setia Murni U13/52,
Seksyen U13 Setia Alam,
40170, Shah Alam, Selangor.
No Tel : 03-33627600
Website: www.iptk.gov.my
Facebook : Institut Penyelidikan Tingkahlaku Kesihatan

List of Infographics

1

Introduction

2

Respondents' Profile

3

Status on COVID-19 vaccine

4

Reasons for acceptance of getting COVID-19 vaccine

5

Reasons for refusal of getting COVID-19 vaccine

6

Why still hesitate?

7

Where did you get the information on COVID-19 vaccine?

8

Conclusion

INTRODUCTION

OVERVIEW

Malaysia has now joined the global effort in more intense action against COVID-19 with the National COVID-19 Immunisation Program. Understanding the extent of public's responses on getting COVID-19 vaccine is critical for stakeholders to continue promoting the importance of vaccine uptake.

AIMS

To examine public opinion on COVID-19 vaccine whether accept or refuse.

METHODOLOGY

STUDY DESIGN

A cross-sectional online survey

DATA COLLECTION

3rd to 16th April 2021

SAMPLING TECHNIQUE

Snowballing technique- through social media, messaging apps and email.

ETHICAL APPROVAL

Medical Research Ethics Committee (MREC), NMRR-21-450-59236

TARGET POPULATION

Malaysians, an internet users aged 18 years and above

TOTAL RESPONSE

15,638 respondents

INSTRUMENT

Validated questionnaire (IHBR-HECC-COVID19VaccineQs)

RESPONSE RATE

93.4% (14,693 eligible)

DISCLAIMER!

This online survey uses non-probability sampling, thus results of this study only represents feedback given by Malaysians answering this survey.

COVID-19 Vaccine Survey 2.0 : Accept or Refuse ?

Saiful Adli Suhaimi, Komathi Perialathan, Zaikiah Mohd. Zin, Nadia Hani Jahaya, Affendi Isa, Zanariah Zaini, Nur Faezah Hamzah, Suraiya Syed Mohamed

Institute for Health Behavioural Research, National Institutes of Health (NIH), Ministry of Health Malaysia @2021

Respondents' Profile



Men

52.2% (7,675)



Women

47.8% (7,018)



Age

18 - 29 : 26.2% (3,853)
 30 - 39 : 29.9% (4,392)
 40 - 49 : 20.8% (3,054)
 50 - 59 : 10.3% (1,520)
 60 and above : 12.8% (1,874)



Ethnicity

Malay : 45.6% (6,703)
 Chinese : 34.0% (4,995)
 Indian : 7.0% (1,031)
 Bumiputera Sabah : 3.7% (537)
 Bumiputera Sarawak : 4.2% (612)
 Others : 5.5% (811)



Occupation

Government worker : 13.6% (2,000)
 Private worker : 41.5% (6,091)
 Self-employment : 13.3% (1,960)
 Not working/housewife/retiree : 22.3% (3,273)
 Student : 9.3% (1,369)



Education

Diploma : 73.9% (10,868)
 Degree : 23.7% (3,476)
 Informal education : 0.8% (112)

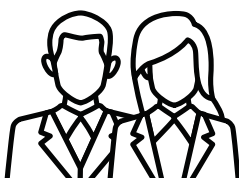


Income

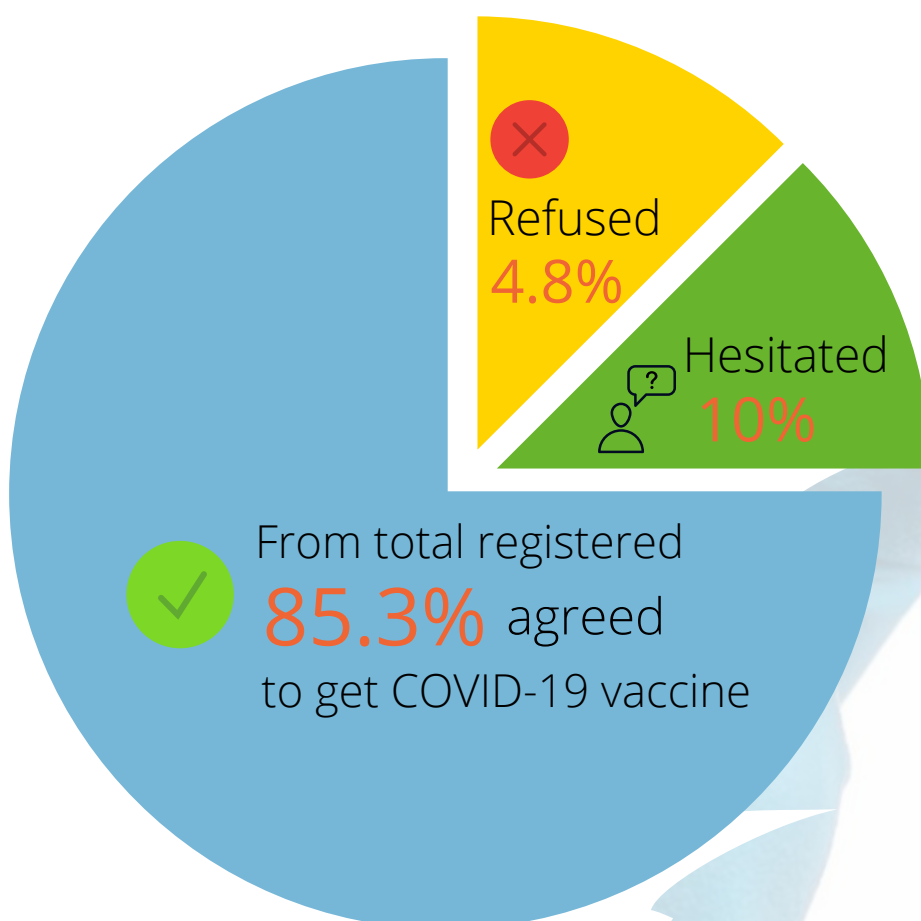
<RM 4,849 : 55.7% (8,182)
 RM 4,850-RM 10,959 : 28.5% (4,191)
 >RM 10,960 : 15.8% (2,320)



STATUS ON COVID-19 VACCINE?



Of **14,693** respondents, **87.7%** registered to get COVID-19 vaccine





REASONS FOR ACCEPTANCE OF GETTING COVID-19 VACCINE

1



To protect myself & others **98.5%**

2



To create herd immunity **98.3%**

3



To return to normal life **97.2%**

4




Convenience for daily living **97.2%**

5



Vaccine is safe **95.8%**



REASON FOR **REFUSAL!** OF GETTING COVID-19 VACCINE



Worried of the side effects **88.8%**

Doubt the ingredients **83.9%**



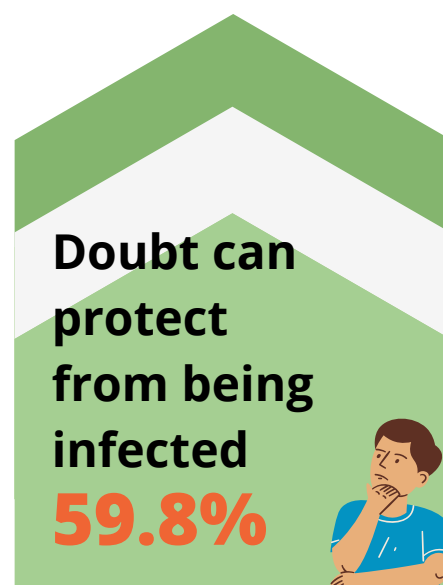
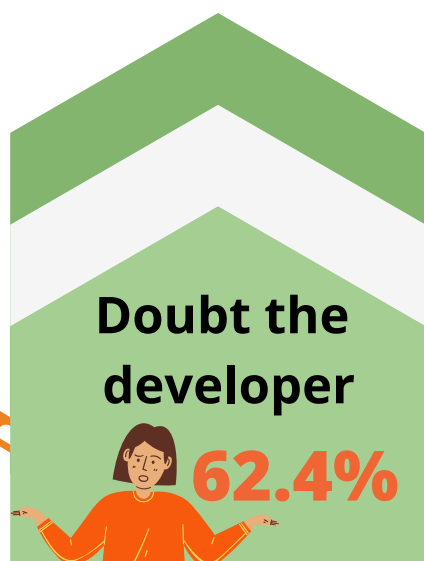
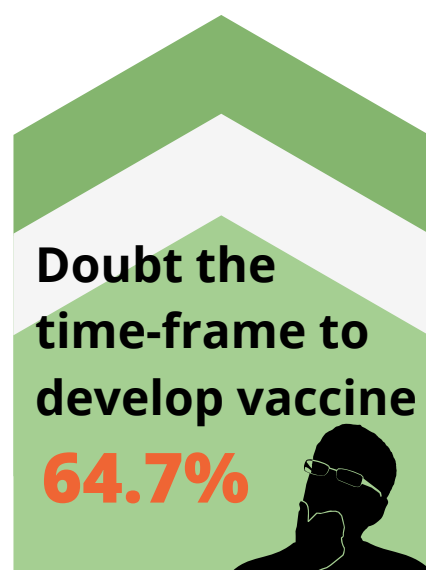
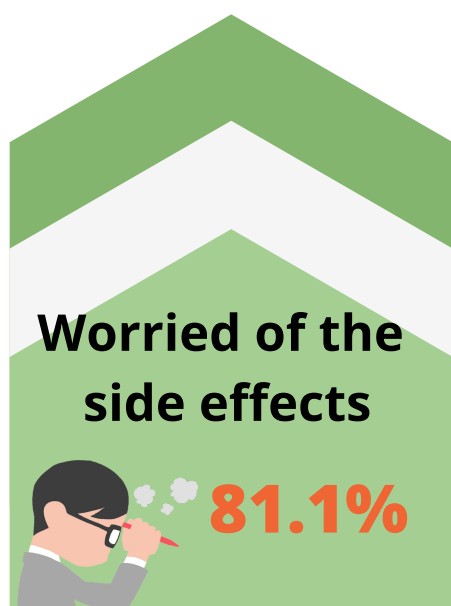
Doubt can protect from
being infected **83.9%**

Doubt time frame for
vaccine development **80.8%**

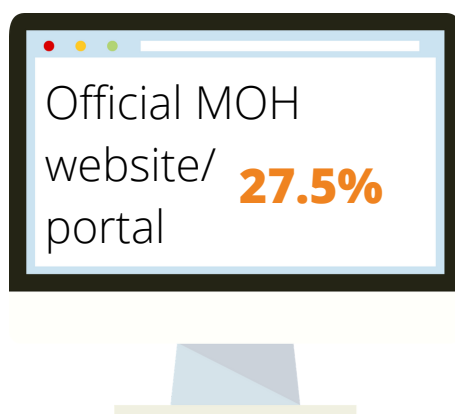
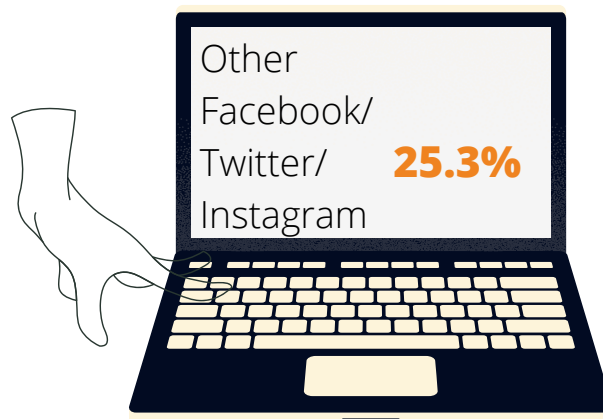
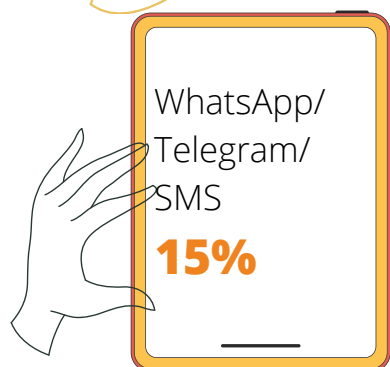
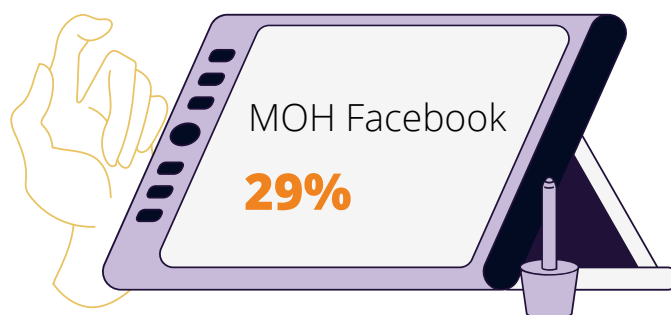
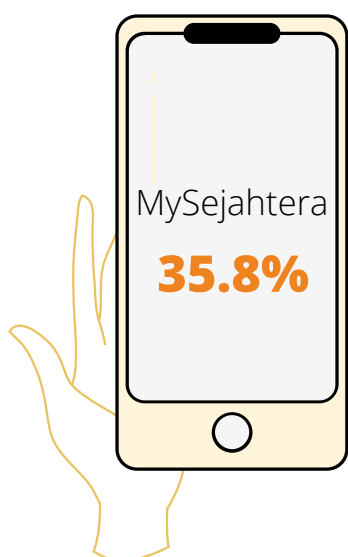


Vaccine is not safe **80.7%**

WHY STILL HESITATE?



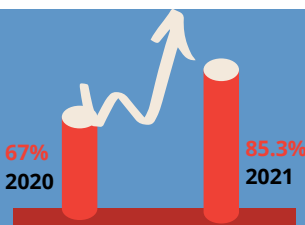
WHERE DID YOU GET THE INFORMATION ON COVID-19 VACCINE



CONCLUSION

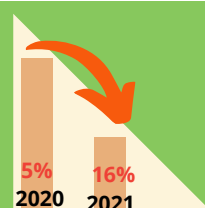
Increasing trend is seen in agreement of vaccine uptake

85.3% in 2021
67% in 2020



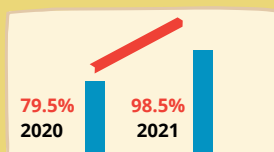
Decreasing trend is seen in refusal of vaccine uptake

5% in 2021
16% in 2020



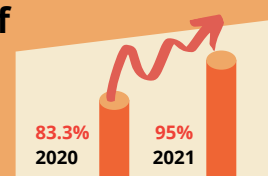
More people confidence that vaccine can prevent from getting COVID-19

98.5% in 2021
79.5% in 2020



More people agreed to take vaccine because of government recommendation and efforts

95% in 2021
83.3% in 2020



Most who refuse were M40 group.

Strategic efforts are vital to promote and encourage COVID-19 vaccine uptake among refusal & hesitant group.



Institut Penyelidikan Tingkahlaku Kesihatan

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40170, Shah Alam, Selangor.
No Tel : 03-33627600
Website: www.iptk.gov.my
Facebook : Institut Penyelidikan Tingkahlaku Kesihatan