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Institut Penyelidikan Tingkahlaku Kesihatan

Institute for Health Behavioural Research
National Institutes of Health
Ministry of Health Malaysia

KEY FINDINGS

Preventive Behavior During COVID-19 Pandemic

An online survey among school children in Malaysia



INFOGRAPHIC BOOKLET
PREVENTIVE BEHAVIOUR DURING COVID-19 PANDEMIC AMONG SCHOOL CHILDREN IN MALAYSIA
NMRR-20-2792-57322

MOH/S/IPTK????-e

Advisor
Dr. Manimanaran A/L Krishnan Kaundan
Director of Institute for Health Beahvioural Research (IHBR)

Principal Investigator
Nurashma Juatan, Health Education Officer of IHBR

Co-Investigator
1. Nadia Hani Jahaya, Health Education Officer of IHBR
2. Zaikiah Mohd Zin, Health Education Officer of IHBR
3. Abu Bakar Rahman, Health Education Officer of IHBR
4. Sheikh Shafizal Sheikh Ilman, Health Education Officer of IHBR
5. Dr Normawati Ahmad, Health Education Officer of IHBR
6. Saiful Adli Suhaimi, Health Education Officer of IHBR
7. Mohamad Zaidan Zulkepli, Health Education Officer of Sarawak General Hospital

Reviewer
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40170, Shah Alam, Selangor.


03- 3362 7600



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List of Infographic


i. Introduction


ii. Respondents Profile


iii. Knowledge: What is COVID-19?


iv. Knowledge: How does COVID-19 spread?


v. Knowledge: What are the main symptoms of COVID-19?


vi. Knowledge: How to avoid COVID-19?


vii. Preventive measures: Body temperature screening


viii. Preventive measures: Physical distancing


ix. Preventive measures: Hand hygiene


x. Preventive measures: Face mask-wearing


xi. Conclusion

INTRODUCTION

OVERVIEW

Malaysia has been placed under Recovery Movement Control Order (RMCO), which has seen more restrictions of the MCO have been ease and schools have begun operating in stages starting at the end of June 2020. School children were able to adapt to the new norms at school in accordance to the Standard Operating Procedures (SOP) issued by the Ministry of Education Malaysia. Despite this, the school encounters difficulties ensuring the health and safety of school communities when it is challenging for school children to maintain physical distance and good hand hygiene practices.



AIMS

The objective was to access knowledge and preventive measures of school children on COVID-19 during school session. The preventive measures include compliance with body temperature screening at school entrance, 1 meter physical distance, face masks use and hand hygiene care practices at school.



METHODOLOGY

Study Design
An Online Cross Sectional Survey



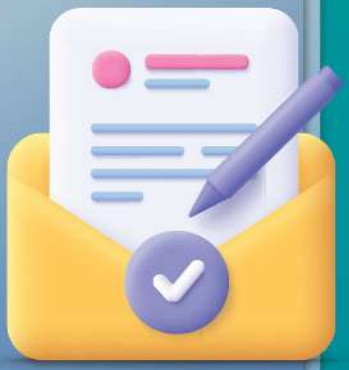
Data Collection
14 – 24 June 2021



Sampling Technique
Two-stage stratified cluster



Ethical Approval
- Medical Research & Ethics Committee, MOH
- Educational Planning & Research Division, MOE



Target Population
Primary day school (Year 4 & 5)
Secondary day school (Form 1, 2, 4 & 6)

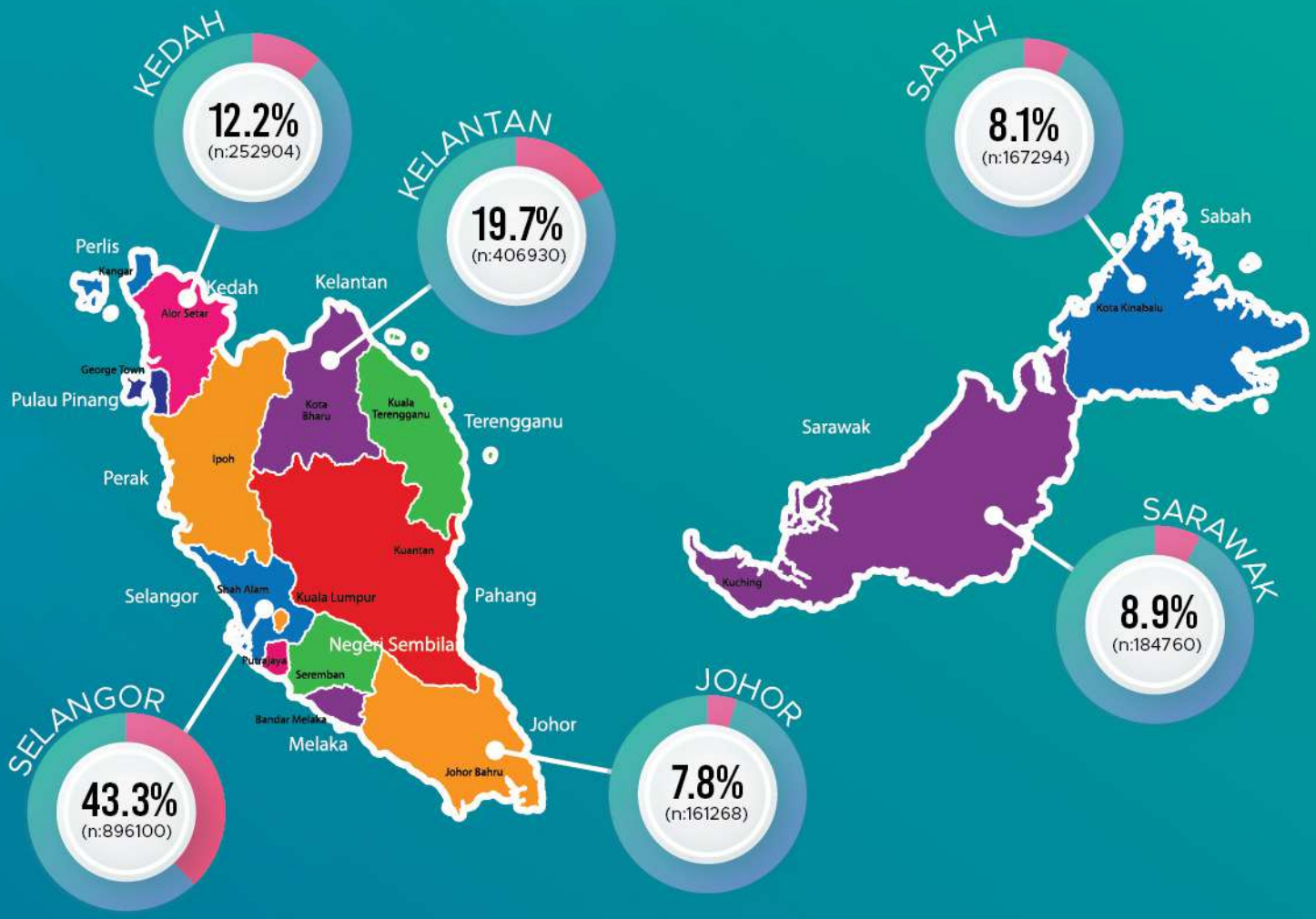


Total Response
Required Sample: 3072
Total response: 3485
Response rate: 113%





RESPONDENTS PROFILE



KEDAH

46.7%	SJK(C) Min Terk
46.2%	SMK Mergong
3.4%	SK Penghulu Ahmad
3.6%	SMKA Ma'ahad Tahfiz Al-Abidin

KELANTAN

32.0%	SK Sultan Ibrahim (1)
42.1%	SMK Kubang Kerian
12.3%	SK Jeli (1)
13.6%	SMK Cherang Ruku

SELANGOR

33.7%	SK Desa Baiduri
61.8%	SMK Ungku Aziz
2.5%	SK Ulu Semenyih
2.0%	SMK Bagan Terap

SABAH

12.8%	SK Lahad Datu II
17.1%	SMK Tinggi Kota Kinabalu
35.8%	SK Darau
34.3%	SMK Sook

JOHOR

46.7%	SJK(T) Masai
46.2%	SMK Sultan Ibrahim
3.4%	SK Medini
3.6%	SMK Tinggi Segamat

SARAWAK

31.9%	SK Kampung Jepak
17.3%	SMK Petra Jaya
20.2%	SK Abang Aing
30.7%	SMK Meradong

Gender



Boys
50.0%



Girl
50.0%

Ethnic

- Malay 72.6%
- Chinese 11.2%
- Indian 5.3%
- Bumiputera Sabah 5.4%
- Bumiputera Sarawak 5.0%
- Others 0.5%

Religion

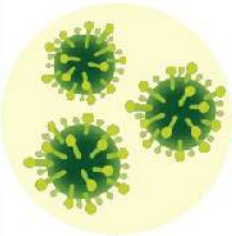
1. Islam 77.5%
2. Buddhist 10.4%
3. Hindu 4.8%
4. Christian 7.1%
5. Other 0.2%

Year

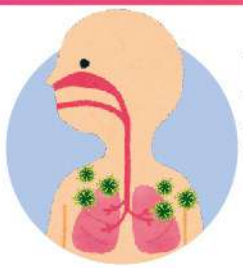
- Year 4 — 22.0%
- Year 6 — 21.2%
- Form 1 — 18.9%
- Form 2 — 18.3%
- Form 4 — 16.6%
- Form 6 — 3.0%

KNOWLEDGE

What is COVID-19?



Virus
98.6%



Respiratory tract infections
94.4%



Infections can be seen within 14 days
84.1%



Patients with no symptoms can infect others
90.1%



The elderly/people with health problems are more likely to get and lead to death
94.8%

How does COVID-19 spread?



Respiratory droplets
96.0%



Touch contaminated surfaces
93.1%



Share food and drink with symptomatic
88.1%

What are the main symptoms of COVID-19?



Fever
97.5%

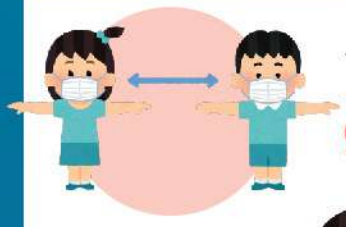


Cough
97.5%



Shortness of breath
97.5%

How to avoid COVID-19?



1 meter away
98.7%



Wear face mask
99.6%



Wash hand with soap and water for at least 20 second
84.9%



Wash hands with soap and water after touching contaminated surfaces
98.9%



Don't touch eyes/nose/ mouth with unwashed hands
95.6%

PREVENTIVE MEASURES

BODY TEMPERATURE SCREENING



My body temperature was taken each time I entered school

94.8%

PHYSICAL DISTANCING



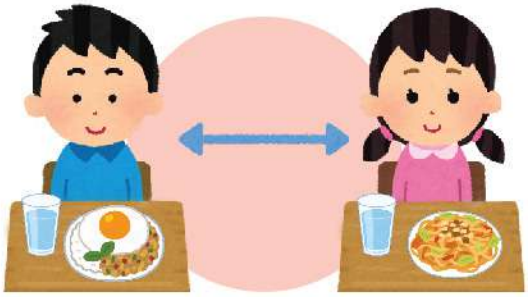
I keep at least 1 meter away from classmates **every time** I am in the classroom during a learning session with the teacher.

82.6%



I keep at least 1 meter away from my classmates **every time** the teacher is not in the classroom.

69.3%



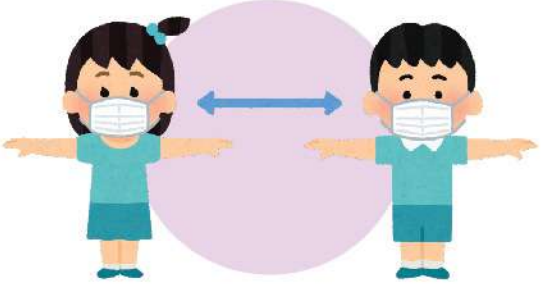
I have **never** eaten at a table with a distance of less than 1 meter with a friend during a break in class.

70.0%



I never walked less than 1 meter with friends when heading to the school exit fence.

47.5%



I keep at least 1 meter away from my classmates **every time** I queue for body temperature screening at the school entrance.

86.9%



I **never** made physical contact with my friends at school while we conversed and joked.

62.1%

PREVENTIVE MEASURES

HAND HYGIENE

Every time I wash my hands, I...



...use soap and water at school

54.3%



...use hand sanitizer at school

58.5%



... take at least 20 seconds

46.5%

FACE-MASK WEARING



I always wear a face mask at school.

87.9%



I wear a new disposable face mask every time I go to school.

80.4%



I wear a clean and washable fabric face mask to school every day.

27.6%



I usually wear a face mask that covers my mouth and nose when I'm at school.

97.7%



After returning from school, I shall continue to discard the used face mask.

84.4%



I disposed of the used face mask in the trash.

95.8%

CONCLUSION



The majority of students showed a high percentage for the overall item of general knowledge about COVID-19.



A high percentage of students comply with body temperature screenings.



A declining rate of self-control in maintaining physical distance during the exchange of study time, recess time and after school sessions.



Low participation rate in the practice of washing hands frequently among students.



The majority of students wear face masks to school, despite the fact that healthy and asymptomatic students were not required to do so at the time.



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