

THE MALAYSIA MEASUREMENT OF HEALTH LITERACY AMONG ADOLESCENTS (MyMOHLAA-Q) 2023: STUDY PROTOCOL FOR A NATIONAL POPULATION-BASED SURVEY ON HEALTH LITERACY AMONG ADOLESCENTS IN MALAYSIA



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INTRODUCTION

- ▶ The Malaysia Measurement of Health Literacy Among Adolescents (MyMOHLAA-Q) 2023 was conducted as a national survey to provide baseline data on health information, health communication, attitude towards health and general knowledge on health.
- ▶ This survey is a sub-module in Malaysia Health Literacy Survey (MHLS) 2023 that was conducted in conjunction with the National Health Morbidity Survey (NHMS) 2023.
- ▶ The purpose of the MyMOHLAA-Q 2023 is to assess the health literacy of Malaysian adolescents.
- ▶ Health literacy is ability to access, understand, appraise and apply health information.



METHODOLOGY

Objective

- ▶ To determine health literacy prevalence among adolescent living in Malaysia

Target population

- ▶ Non-institutionalized individuals
- ▶ Aged 14-17 years old
- ▶ Individuals residing in the Living Quarters (LQ) for at least 2 weeks prior to data collection
- ▶ Can read and write
- ▶ Institutional populations will not be included in the survey:e.g.,
 - Hostels
 - Hotels
 - Hospitals

Sampling Design

- ▶ Cross-sectional
- ▶ Two-stage sampling
- ▶ Weighted complex sample analysis from MHLS that based on NHMS 2023

Data Collection

- ▶ Screening
 - Performed by Data Collection Team
 - Able to read and write
- ▶ Information Sheet
 - Guardian
 - Respondents
- ▶ Consent:
 - Permission from parents/guardian
 - Respondent
 - Using Consent Form
- ▶ Answered self-administered questionnaire (SAQ)
- ▶ Instrument MyMOHLAA-Q (Ahmad et al. (2024)
 - 29 Items
 - Validated MOHLAA-Q Domanska et al. (2020)
 - 4 Scales: Scale A, B, C & D
 - Paper based
 - Likert Scale & Multiple Choice
 - The survey takes approximately 15 Minutes

Data management & monitoring

- ▶ Questionnaire courier to DPQ (Data Processing & Quality) at NIH biweekly
- ▶ Key in using REDCap
- ▶ Central Committee Team (CCT) Meeting
- ▶ Monitoring Board; Looker Studio



RESULTS

- ▶ This survey recruited all household ages 14 to 17 years who reside in the 5,988 selected living quarters (LQ) and meet the eligibility criteria to participate in the survey.
- ▶ Data Analysis:
 - Descriptive
 - Inferential statistics
- ▶ Analyzed using weighted complex sample analysis for the findings.
- ▶ Section: A, B, C – Mean Score & D – Sum Score

CONCLUSION

- ▶ The findings will provide analytical evidence of the health literacy scale among Malaysian adolescents nationwide.
- ▶ The data will support the stakeholders in creating strategies and programs to raise adolescent population health literacy.
- ▶ By obtaining the updated information, the relevant parties would be able to review its health policies, priorities, and program strategies as well as determine the utilization and expenditure of health services accordingly base on the health literacy scale of adolescent in Malaysia.

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