2022 ACTIVE HEALTHY KIDS SINGAPORE REPORT CARD ON PHYSICAL ACTIVITY FOR CHILDREN AND ADOLESCENTS

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SAW SWEE HOCK SCHOOL OF PUBLIC HEALTH

# WHAT?

HOM5

- Summary and evaluation of national data on physical activity and its indicators.
- Collaboration between academia and government agencies.
- Part of the Global Matrix 4.0, an international initiative using systematic and transparent approaches to generate globally comparable evidence.



Figure: Indicators in Global Matrix 4.0

## PREPARATION

Research Report Cards from Asian countries

Indicator meeting and decision with Research Work Group members

Liaison with local stakeholders (academia and government) to identify Identify Stakeholder Group members

# IMPLEMENTATION

Review literature and determine data sources on key indicators (n = 36)

Identify national surveys or largescale longitudinal studies

Data analysis and evidence synthesis

Grade assignment and review

## **GRADE ASSIGNMENT**

A+ A A-	94% - 100% 87% - 93% 80% - 86%	We are succeeding with <b>a</b> large majority of children and adolescents
B+	74% - 79%	We are succeeding with well over half of children and adolescents
В	67% - 73%	
B-	60% - 66%	
C+	54% - 59%	We are succeeding with <b>about half</b> of children and adolescents
С	47% - 53%	
C-	40% - 46%	
D+	34% - 39%	We are succeeding with less than half of children and adolescents
D	27% - 33%	
D-	20% - 26%	
F	<20%	We are succeeding with <b>very few</b> children and adolescents
INC		Incomplete – insufficient or inadequate information to assign a grade

#### RESULTS





The built environment in Singapore is generally supportive of physical activities. Overall, it is evident that the government agencies are actively providing resources to promote physical activity among children and adolescents in Singapore. However, the effectiveness of these activities remains largely unknown. In 2016, a multi-agency government taskforce was set to promote health among children and adolescent. Presence of existing coordination with multi-stakeholders such as private sector and civil society is unclear. Along with 56 countries, the Global Matrix 4.0 was applied in this first comprehensive evaluation of the physical activity landscape among children and adolescents in Singapore.

Contribution by stakeholders from both the government and non-government sectors has facilitated the process. Common limitations such as the lack of access to some available data and the lack of nationally representative data for certain indicators or age groups were faced by the Research Work Group.

Overall, with a supportive government, Singapore has fared well in organizing the community and the environment to support physical activity among the young. However, behavioral indicators were not optimal. As such, additional efforts are required to strengthen frequency and quality of surveillance efforts, as well as the development and evaluation of strategies to promote key behaviors.

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