

### CONTENT



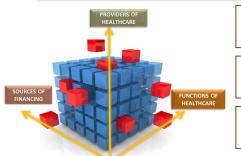
### INTRODUCTION



## APPROACH COVID-19 ESTIMATION



### **COVID-19 EXPENDITURE**



SLIDESMAN

- By Sources of Financing
- To Providers of Healthcare
- For Functions

### INTRODUCTION

- Globally based on WHO data, (as of 04/11/2022), there have been 628,694,934 confirmed cases of COVID-19, including 6,576,088 deaths.
- Malaysia (as of 06/11/2022) there were 4,927,451 confirmed COVID-19 cases and 36,487 total deaths.
- All governments first and foremost, needed to ensure the ability of its health system:
  - established funds to support their broader response to the COVID-19 crisis, the majority of which were extrabudgetary.
  - to prioritize spending for containing the pandemic and manage the public health response
  - to provide adequate medical care-health system capacity for hospitalization and intensive care, including spending for medical supplies, testing, and surveillance
- In 2020, to contain the epidemic, along with other measures Malaysia implemented Movement Control Order (MCO) beginning on **March 18 in phases**
- In 2021, Malaysia kicked off its nationwide COVID-19 immunization program on Wednesday, 24/02/2021

### WHY TRACK COVID-19 EXPENDITURE?

- COVID-19 pandemic has underscored the need for increased investments in health.
- Nearly all countries including Malaysia responded with additional budget allocations
- In addition to this, the deeply affected health sector, now involved new actors, new priorities and interventions.
- Tracking health spending enables transparency and accountability in how COVID-19 health allocations were actually spent. Comprehensive, comparable, and timely data on health spending are essential for policy makers, ministries of health, international organizations and civil society
- Fundamental principles of NHA can used to track the spending.

### APPROACH COVID-19 ESTIMATION?

## Planning and Launch

- Identify Relevant Questions?
- Identify Objectives
- Identify Boundary for Covid-19 health expenditure

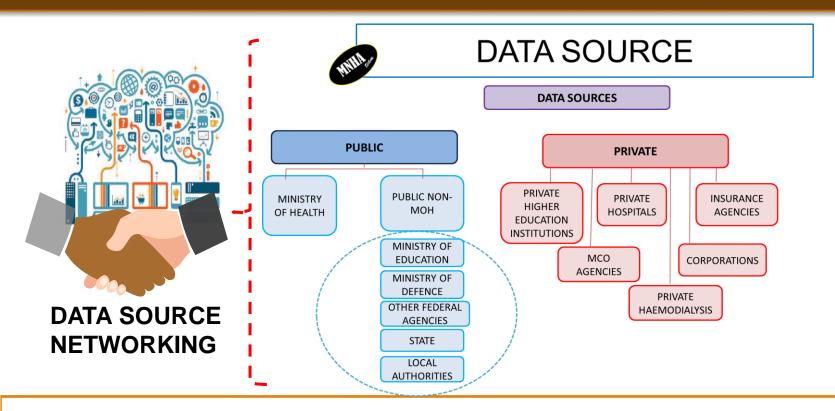
#### **Data Collection**

- Determine data sources
- Discussions With Relevant Stakeholders
- Identify Data Gaps
- Distribute templates, collect and compile data

## Data Analysis and Validation

- Map Data to MNHA and Covid-19 codes for each of the dimensions
- Data analysis
- Present and validate

### APPROACH COVID-19 ESTIMATION?



- List of data sources not static
- Clearly identify flow of expenditure as some expenditure by function required data from more than 1 data source

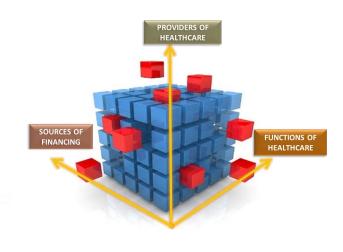
### APPROACH COVID-19 ESTIMATION?

## **Data Analysis** and Validation

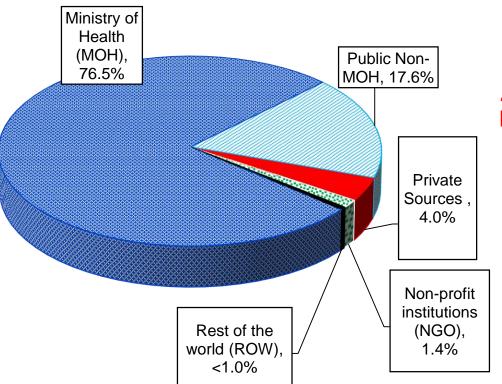
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- Data analysis
- Present and validate

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# COVID-19 HEALTH EXPENDITURE DATA

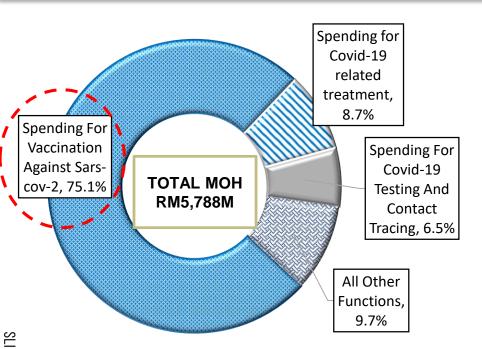


## COVID-19 EXPENDITURE ON HEALTH BY SOURCES OF FINANCING, 2021



	2020	2021
Sources of Financing	RM Million	RM Million
Ministry of Health (MOH)	886	5,788
Public Non-MOH	694	1,333
Private Sources	489	304
Non-profit institutions (NGO)	108	106
Rest of the world (ROW)	76	36
TOTAL	2,253	7,567

## MOH COVID-19 EXPENDITURE ON HEALTH BY FUNCTIONS OF HEALTHCARE, 2021

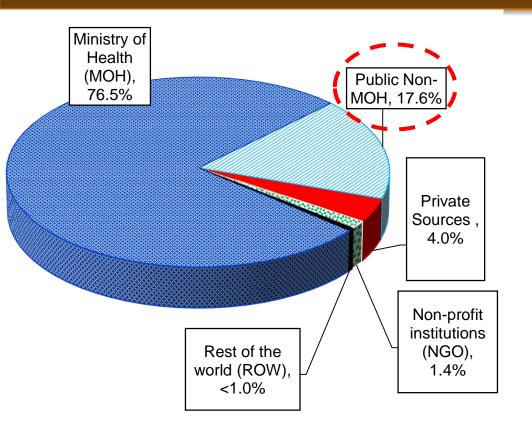


МОН	2021		
Source of Financing	RM Million		
*Spending For Vaccination Against Sars-cov-2	4,347		
Spending for Covid-19 related treatment	505		
Spending For Covid-19 Testing And Contact Tracing	374		
All Other Functions	562		
TOTAL	5,788		

#### Notes:

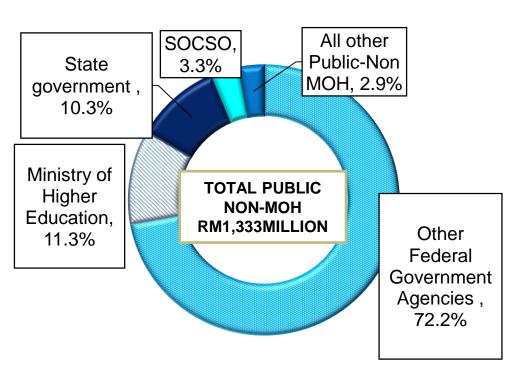
\*Includes the costs of vaccination campaigns, costs of the vaccine, the distribution costs and service charge by doctors, nurses or other health professional administering the vaccination and organisational costs are included

## COVID-19 EXPENDITURE ON HEALTH BY SOURCES OF FINANCING, 2021

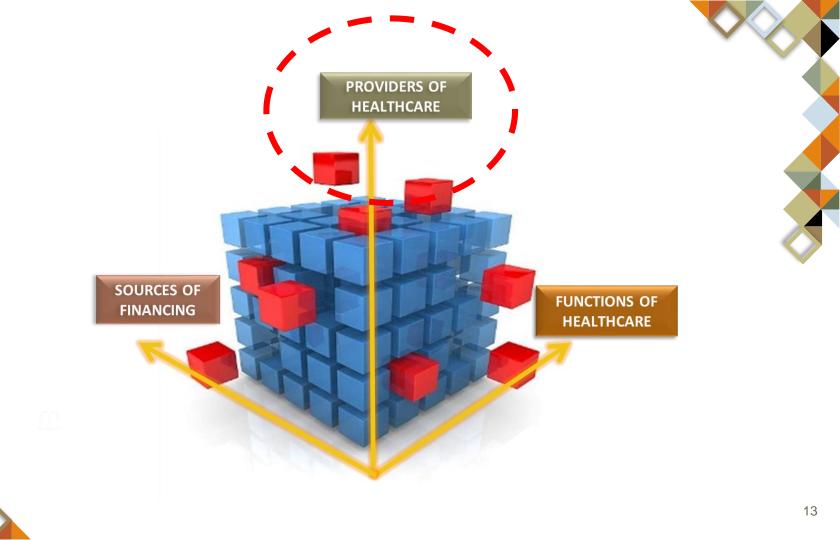


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Rest of the world (ROW)	36
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## COVID-19 EXPENDITURE ON HEALTH BY PUBLIC NON-MOH, SOURCES OF FINANCING, 2021

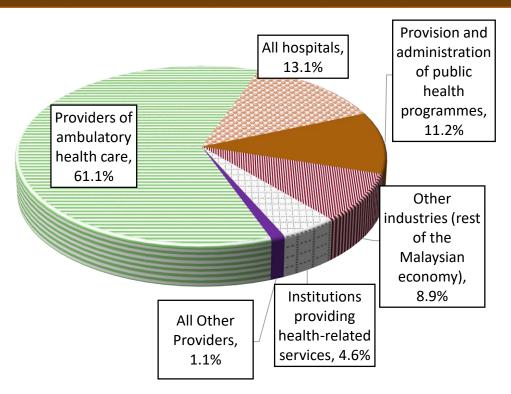


Dublia Nan MOU	2021		
Public Non-MOH Sources of Financing	RM Million		
Other Federal Government Agencies (esp. MOSTI and NADMA)	962		
Ministry of Higher Education	150		
State government	138		
SOCSO	44		
All other Public-Non MOH	39		
TOTAL	1,333		



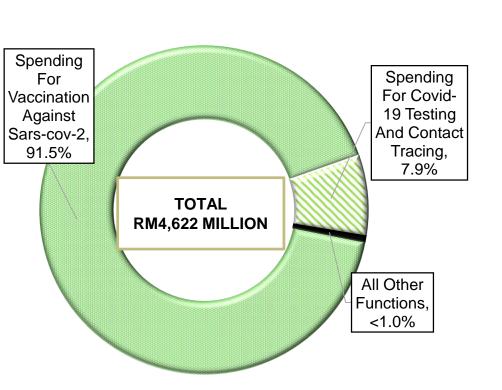
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## COVID-19 EXPENDITURE ON HEALTH TO PROVIDERS OF HEALTHCARE, 2021

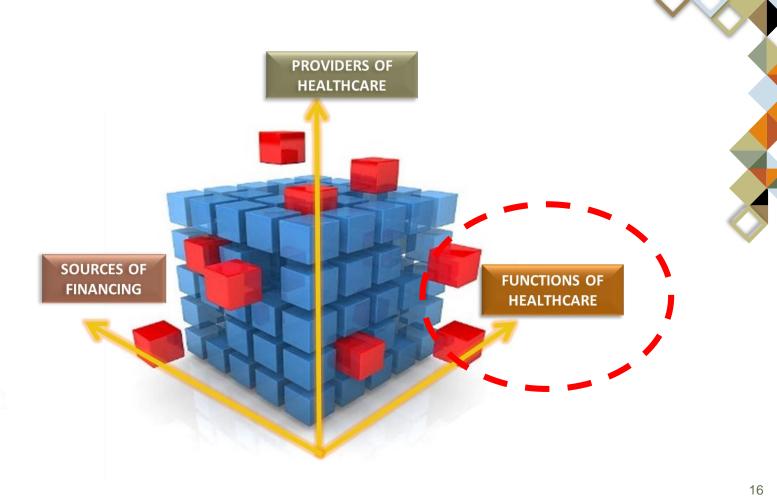


	2020	2021
Providers of HC	RM	RM
	Million	Million
Providers of ambulatory health care	185	4,622
All hospitals	509	995
Provision and administration of public health programmes	980	844
Other industries (rest of the Malaysian economy)	46	671
Institutions providing health- related services	350	350
All Other Providers	183	85
TOTAL	2,253	<b>7,567</b>

## COVID-19 EXPENDITURE ON HEALTH TO PROVIDERS OF HEALTHCARE, 2021

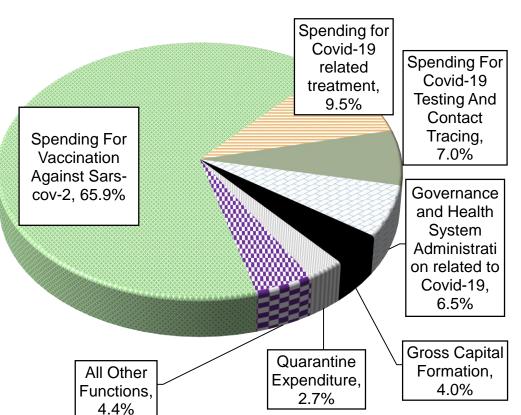


	2021		
Providers of HC	RM Million		
Providers of ambulatory health care	4,622		
	<b>+</b>		
Functions of HC	2021		
i dilotions of 110	RM Million		
Spending For Vaccination Against Sars-cov-2	4,231		
Spending For Covid-19 Testing			
And Contact Tracing	367		



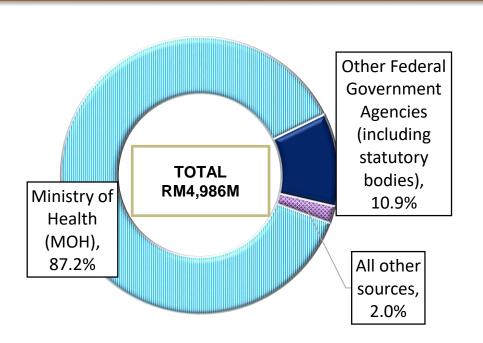
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## COVID-19 EXPENDITURE ON HEALTH FOR FUNCTIONS OF HEALTHCARE, 2021



Functions of HC	2020	2021	
Functions of fic	RM Million	RM Million	
Spending For Vaccination Against Sars-cov-2	95	4,986	
Spending for Covid-19 related treatment	330	722	
Spending For Covid-19 Testing And Contact Tracing	274	528	
Governance and Health System Administration related to Covid-19	317	490	
Gross Capital Formation	508	302	
Quarantine Expenditure	282	207	
All Other Functions	448	331	
TOTAL	2,253	7,567	
		17	

### SOURCES for Spending For Vaccination, 2021



Functions of HC			
r directions of the	RM Million		
Ministry of Health (MOH)	4,347		
Other Federal Government Agencies	541		
All other sources	98		
TOTAL	4,986		

#### Notes:

Includes the costs of vaccination campaigns, costs of the vaccine, the distribution costs and service charge by doctors, nurses or other health professional administering the vaccination and organisational costs are included

2021

## ✓ LIMITATIONS OF COVID-19 ESTIMATION HEALTH EXPENDITURE

## 2021

#### Underestimations

- expenditure by OOP and Corporations sources are limited.
- expenditure for development of IT infrastructure, software costs, mobile tracing apps-not captured due to lack of data availability
- estimations were used to place value in gaps among noncash donations

## SUMMARY COVID-19 HEALTH EXPENDITURE ESTIMATION

2021

### TEH

Total Expenditure of Health

RM78,220m

Covid-19 Health Expenditure Estimation

RM7,567m

Covid-19 Health Expenditure Estimation as % of TEH

9.7%

Main Source of Financing





76.5% Ministry of Health Spending to Providers of ambulatory health care was highest





**61.1%** RM4,622m

Spending For Vaccination Against Sars-cov-2 was highest



65.9 %

RM4,986m

# Thank you

