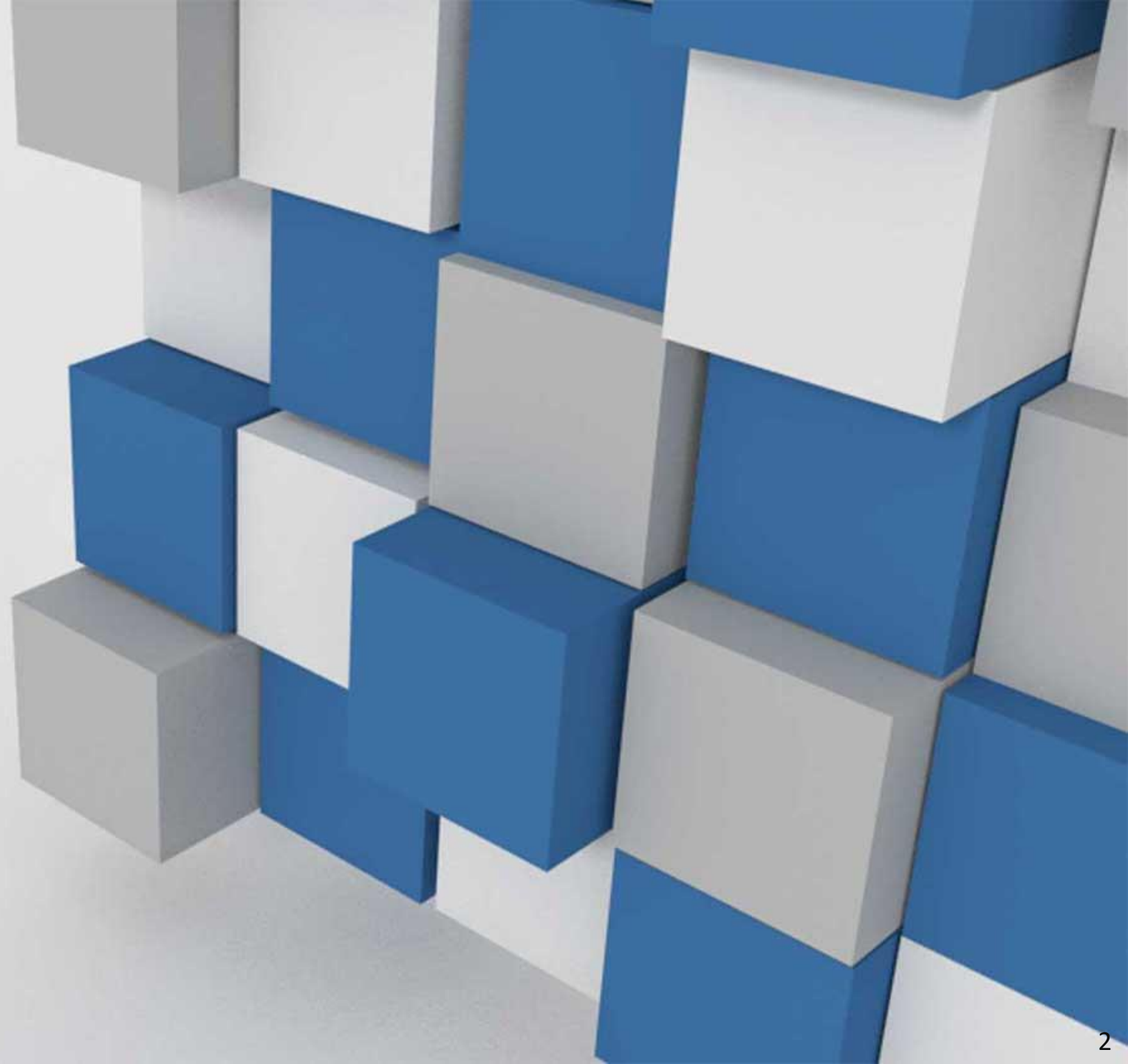


# MESYUARAT JAWATANKUASA PEMANDU MNHA 2021

3 November 2021

# NOTE

- From this year onwards, MNHA will be publishing National Health Expenditure time-series data based on the duration of the 3 most recent RMK cycles.
- This year's report will consist of data covering the years for RMK-9, RMK-10 & RMK-11. The finalized data will be published soon as "Malaysia National Health Accounts: Health Expenditure Report 2006-2020".
- For further information, please contact us at [mnha@moh.gov.my](mailto:mnha@moh.gov.my)



# OUTLINE

## Introduction & Methodology 01

National Health Accounts | MNHA Framework | Methodology

## National Health Expenditure 02

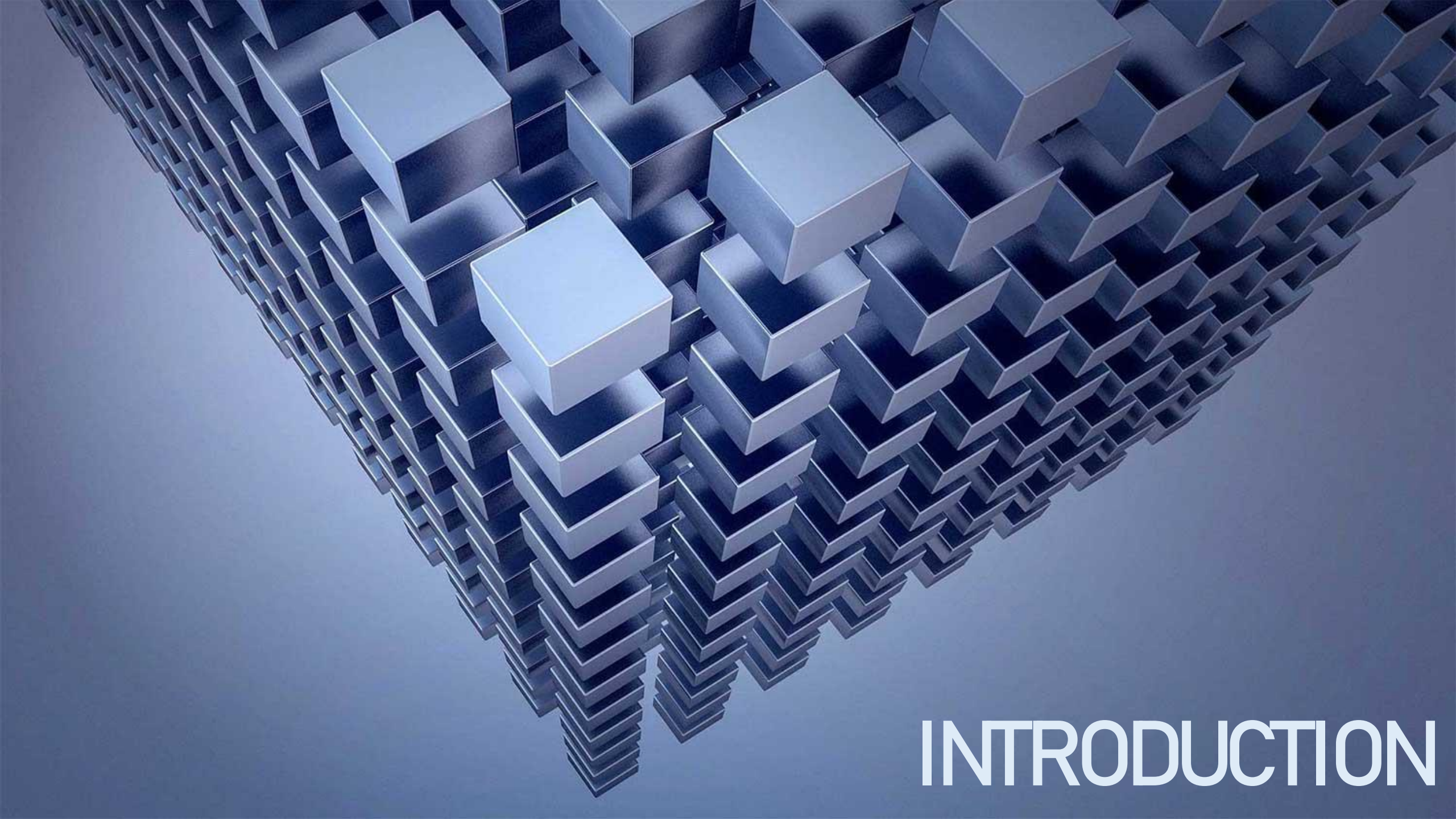
Total Expenditure on Health 2006-2020 (MNHA Framework)

## OOP, PC & PHC Expenditure 03

Out-of-Pocket, Primary Care & Primary Healthcare Expenditure 2006-2020

## International Comparison 04

Current Health Expenditure (International SHA Framework)



# INTRODUCTION

# NATIONAL HEALTH ACCOUNTS



Tool to demonstrate how a country's health resources are **spent**, on what **services**, and **who pays** for them.



Captures the flow of funds in the Health System to monitor estimated health expenditure patterns.

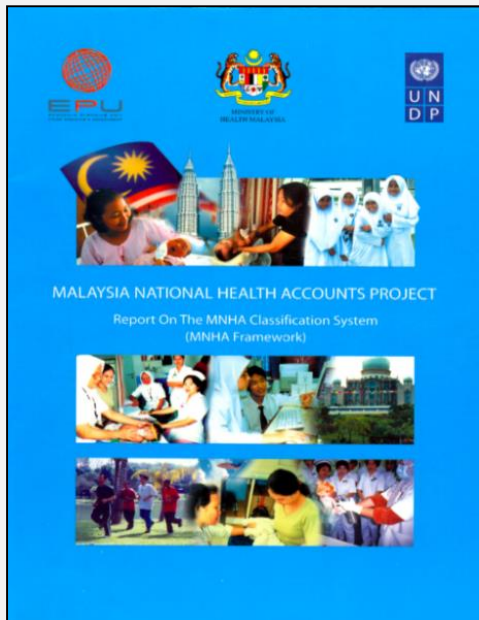
## MALAYSIA NATIONAL HEALTH ACCOUNTS (MNHA)



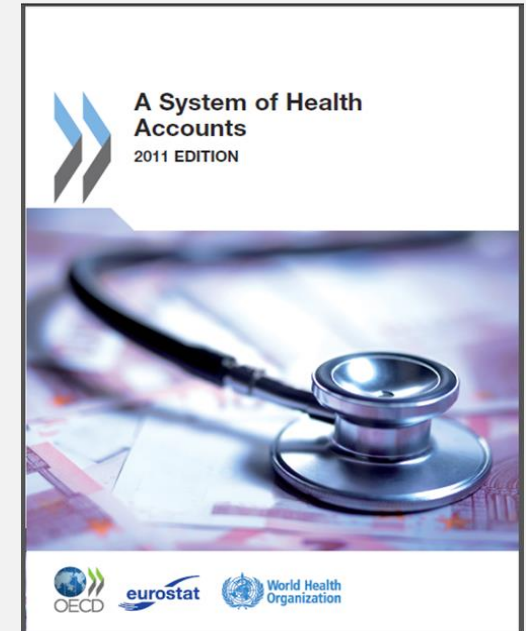
Established under Planning Division of MOH in September 2005.



Produces aggregate **health expenditure macrodata** using estimation methods based on **national and international** framework & guidelines.

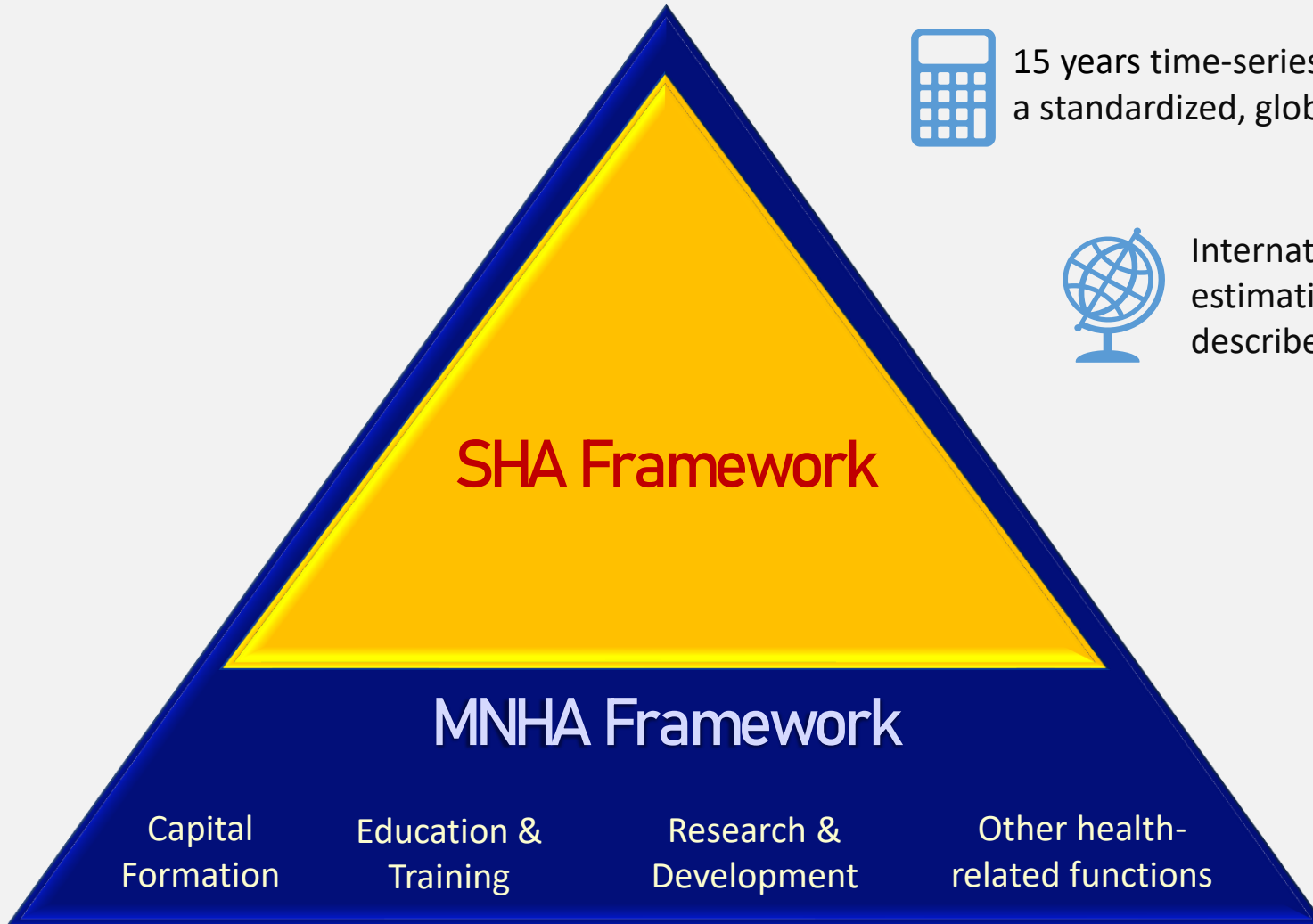


MNHA Framework (National)



SHA 2011 (International)

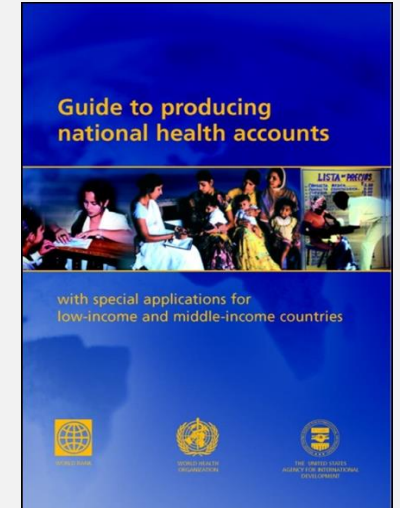
# INTRODUCTION



15 years time-series of NHA data produced using a standardized, globally recognized methodology.



Internationally accepted expenditure estimations based on NHA principles as described in SHA reference documents.



**TEH**

## **MNHA Framework**

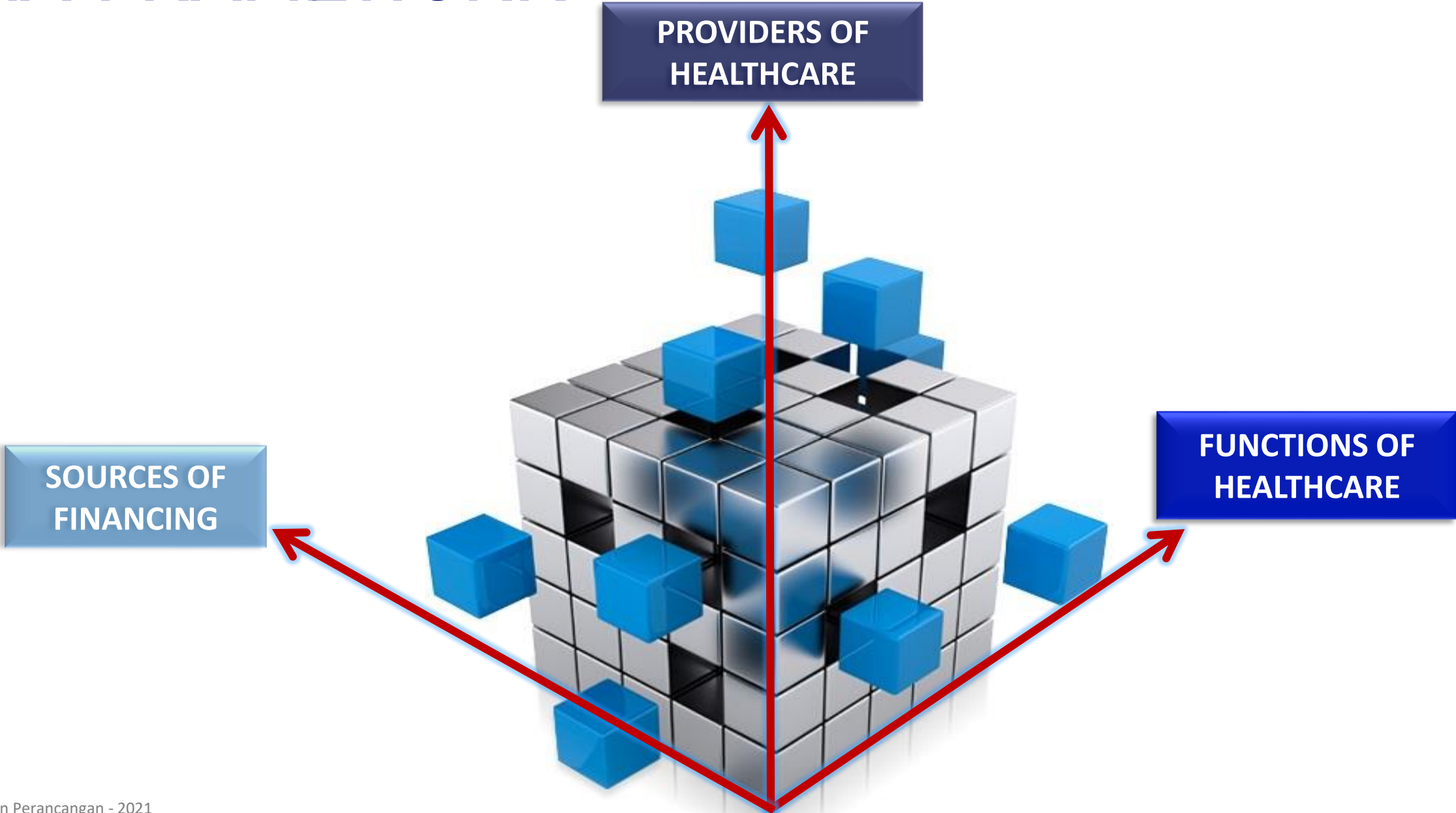
National framework based on SHA 2011 Framework, but boundaries are tailored to Malaysia's health system.

**CHE**

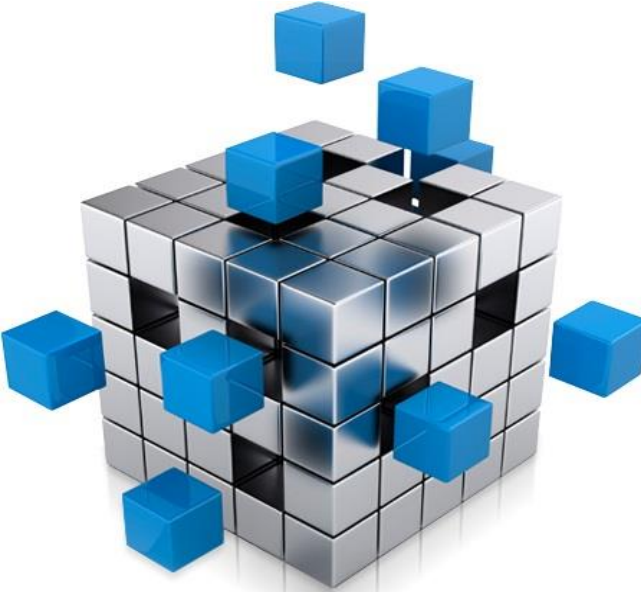
## **SHA 2011 Framework**

Global framework for producing national health accounts (collaborative effort between The OECD, WHO and Eurostat)

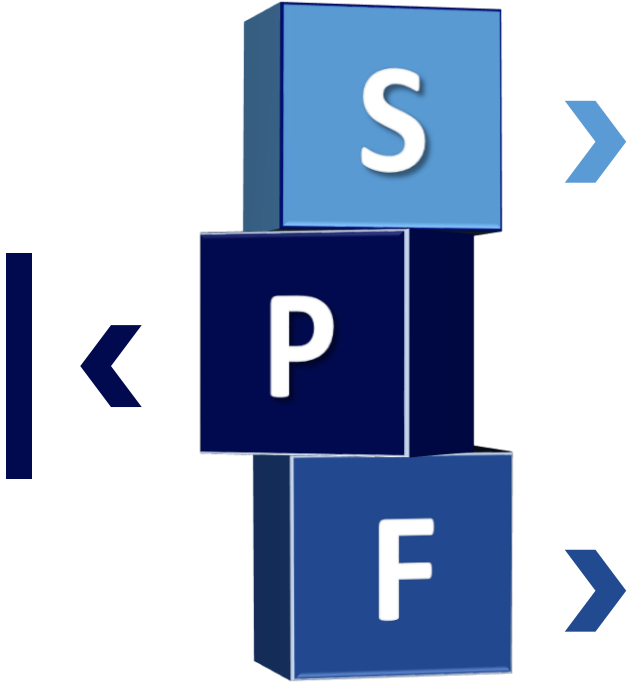
# MNHA FRAMEWORK



# MNHA FRAMEWORK



PROVIDERS OF HEALTHCARE  
"Pay where and to whom?"



SOURCES OF FINANCING  
"Who pays?"

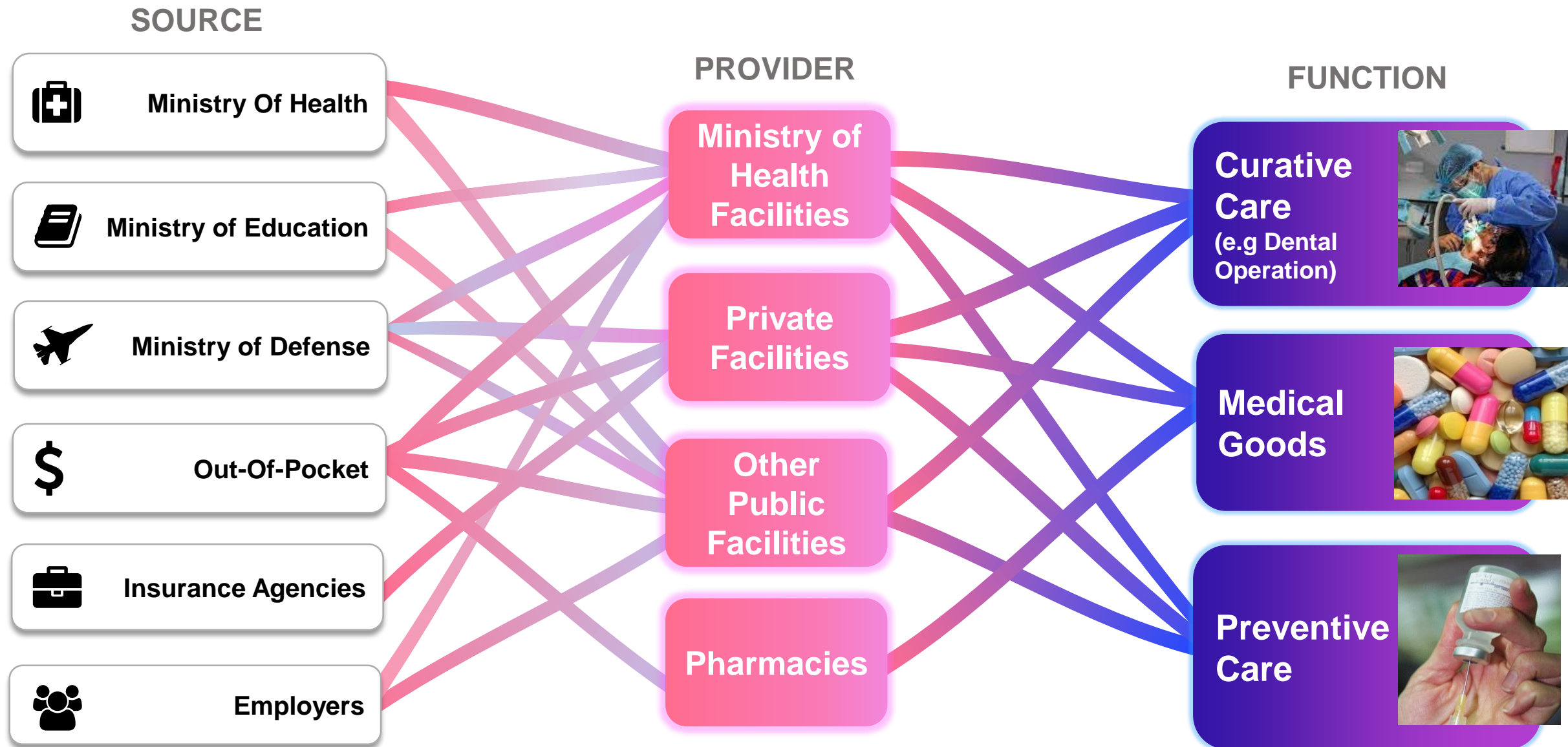


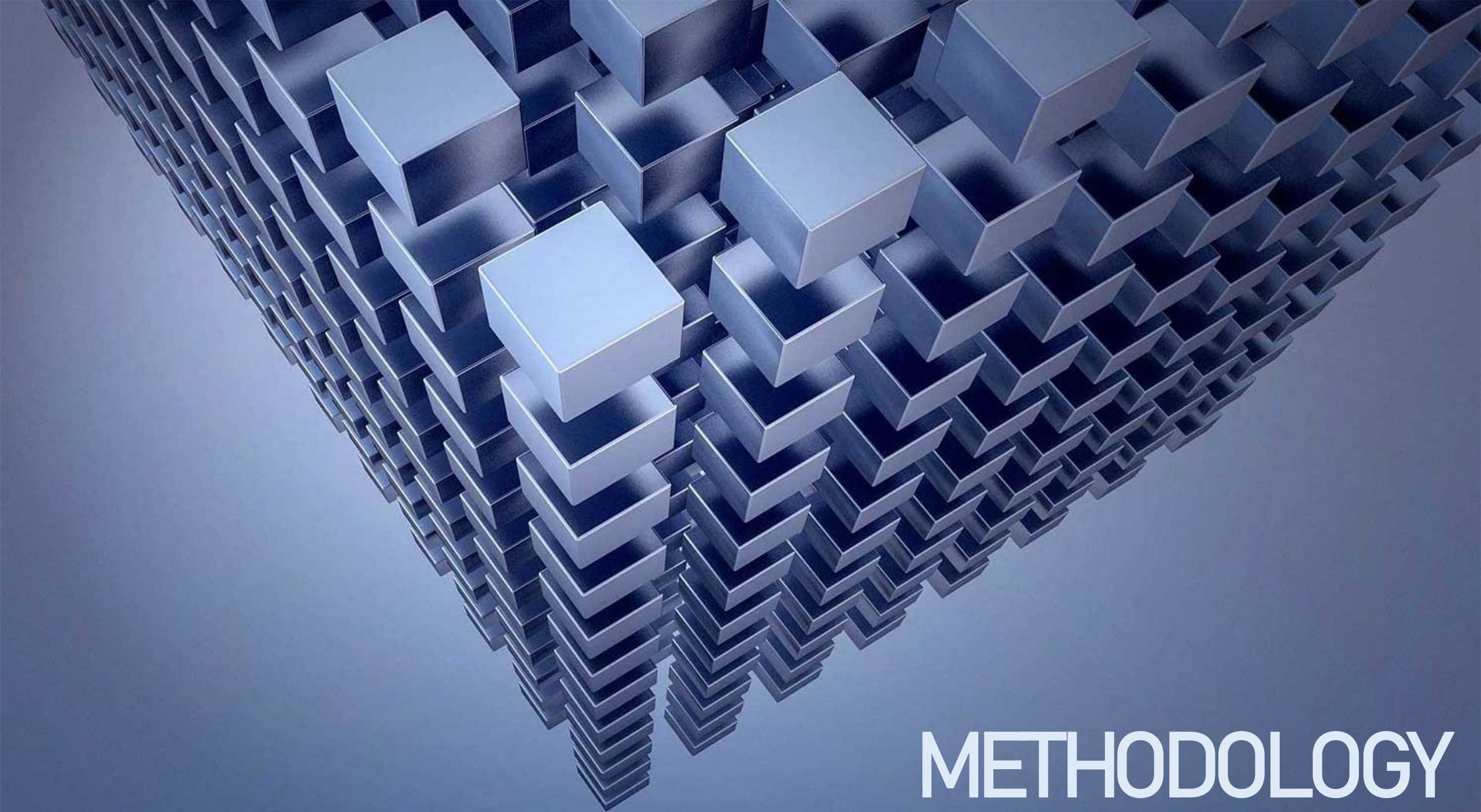
FUNCTIONS OF HEALTHCARE  
"Pay for what?"





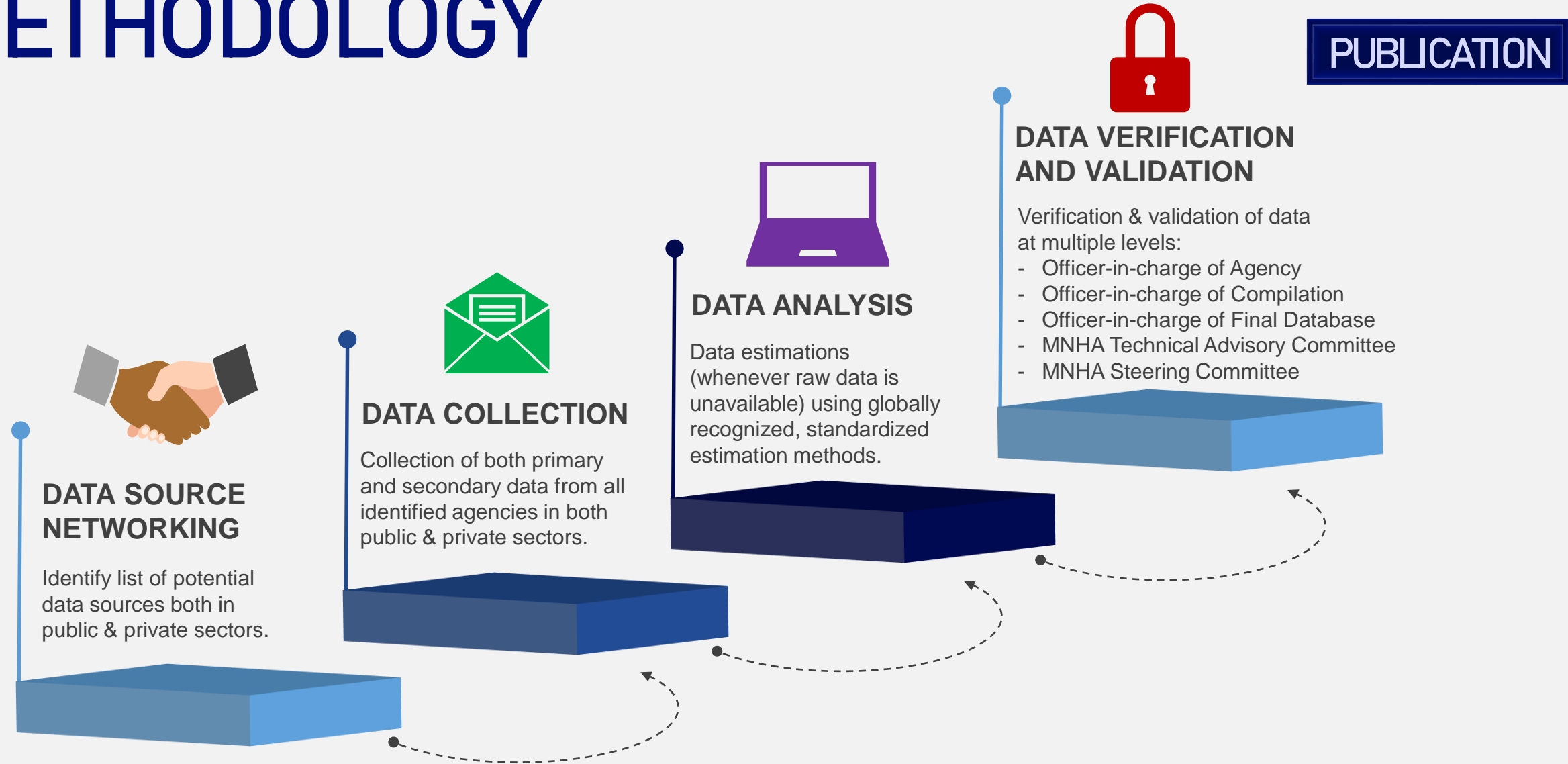
# FLOW OF HEALTH FUNDS

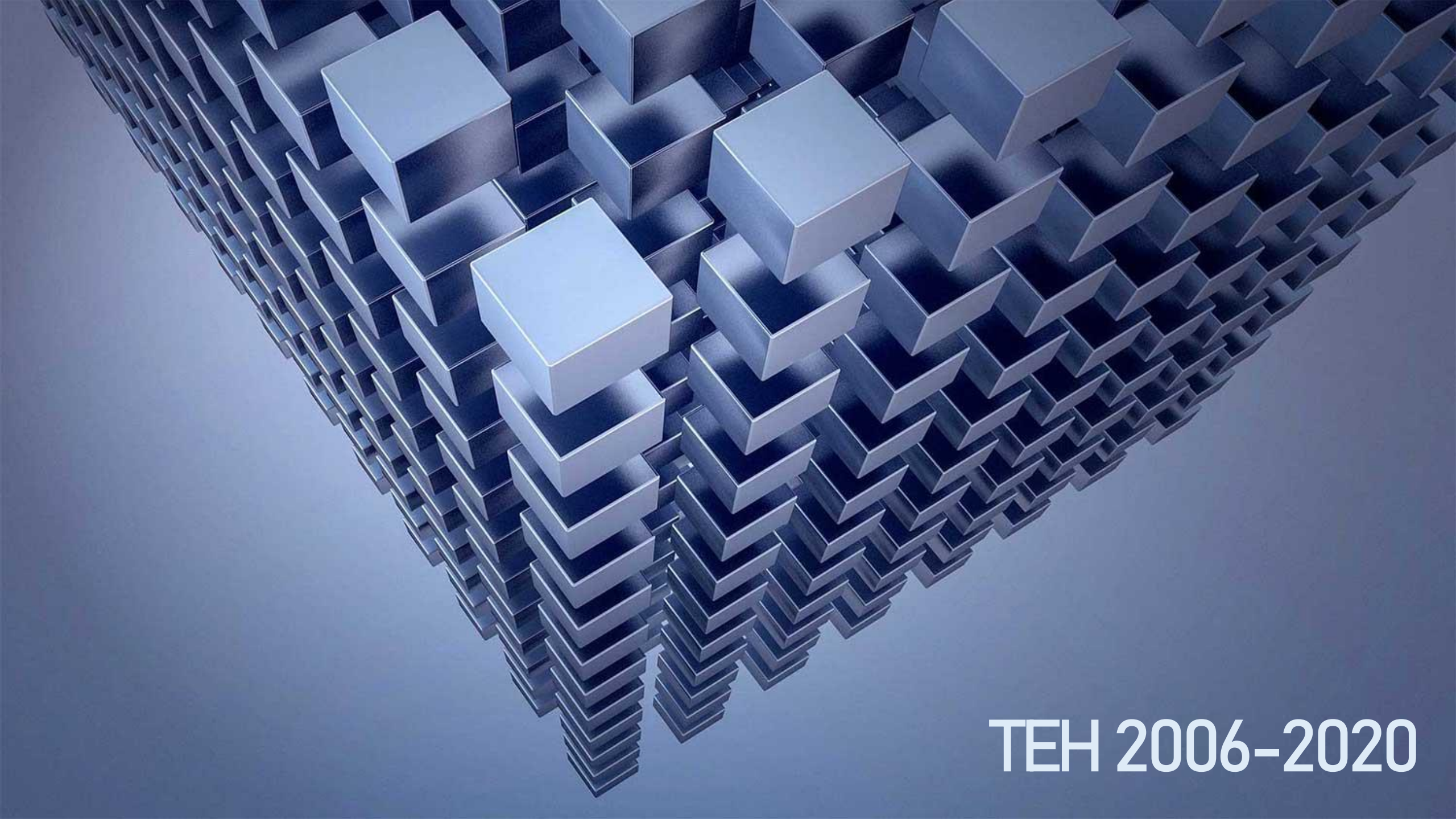




**METHODOLOGY**

# METHODOLOGY

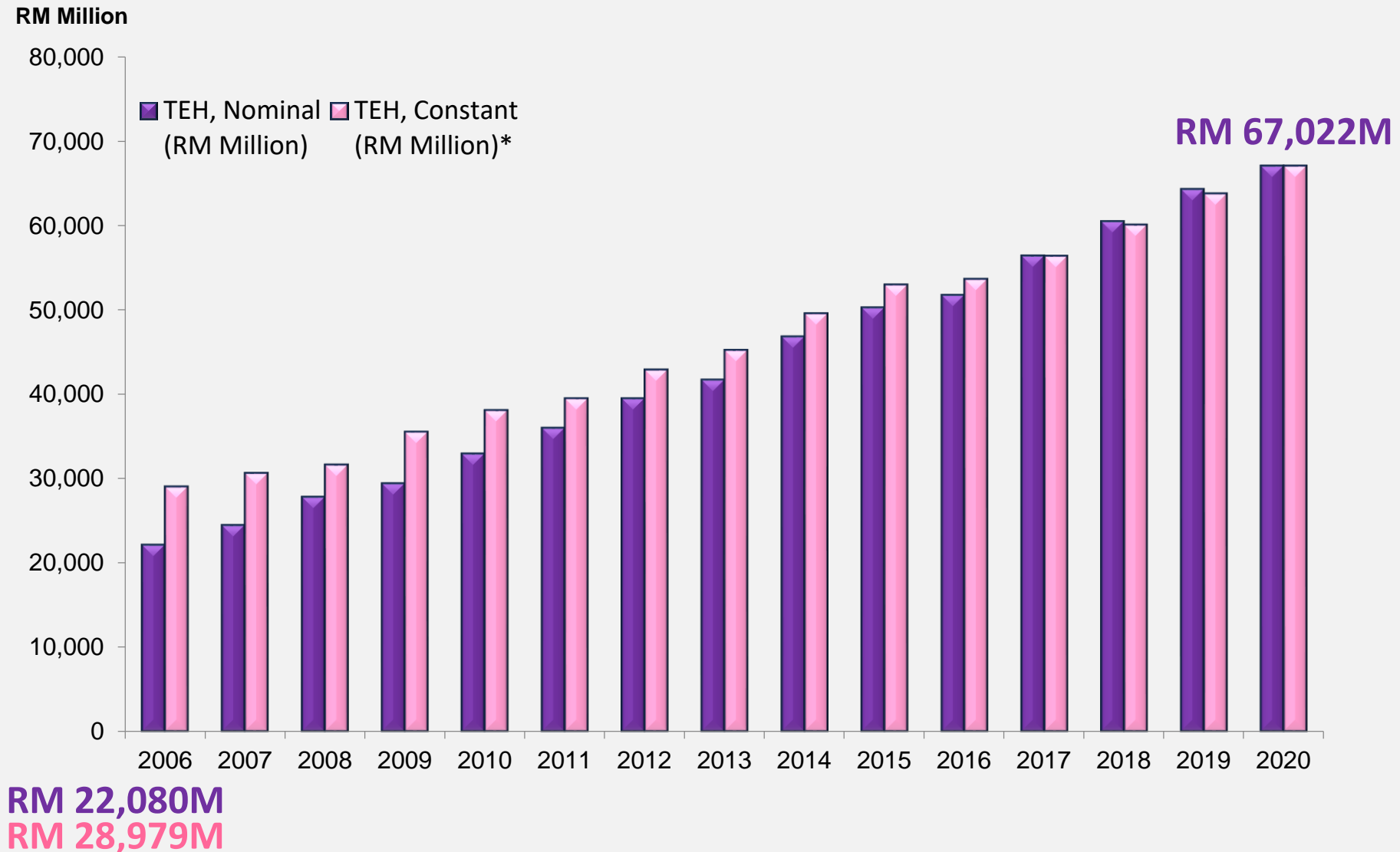




TEH 2006-2020

# Total Expenditure on Health [ TEH ], 2006-2020

(RM Million, Nominal & Constant)



# Total Expenditure on Health [ TEH ], 2006-2020

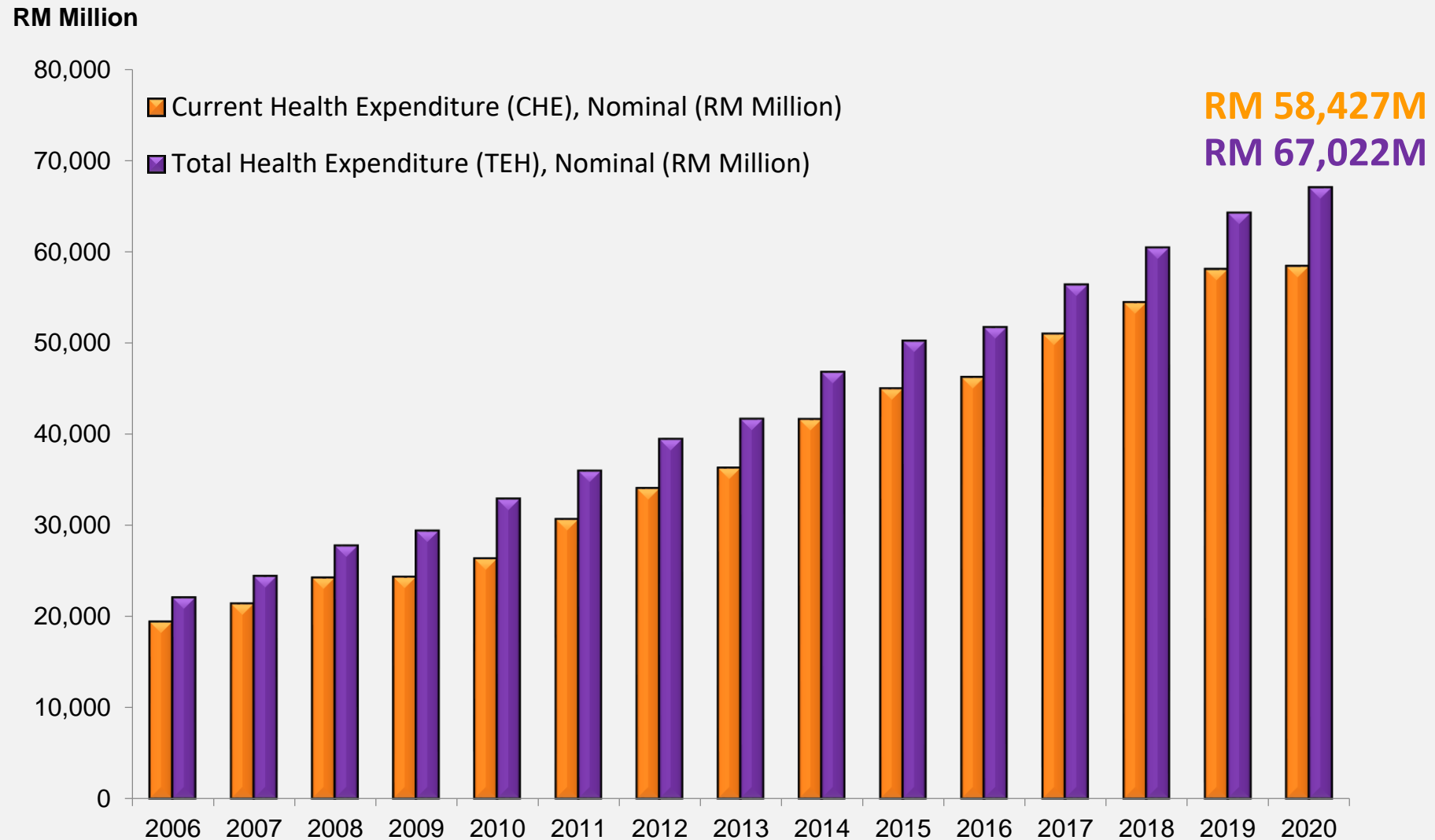
(RM Million, Nominal & Constant)

Year	TEH, Nominal (RM Million)	TEH, Constant (RM Million)*
2006	22,080	28,979
2007	24,426	30,588
2008	27,774	31,592
2009	29,380	35,489
2010	32,889	38,045
2011	35,953	39,453
2012	39,448	42,860
2013	41,647	45,171
2014	46,780	49,516
2015	50,209	52,926
2016	51,693	53,602
2017	56,369	56,321
2018	60,445	60,019
2019	64,241	63,741
2020	<b>67,022</b>	<b>67,022</b>

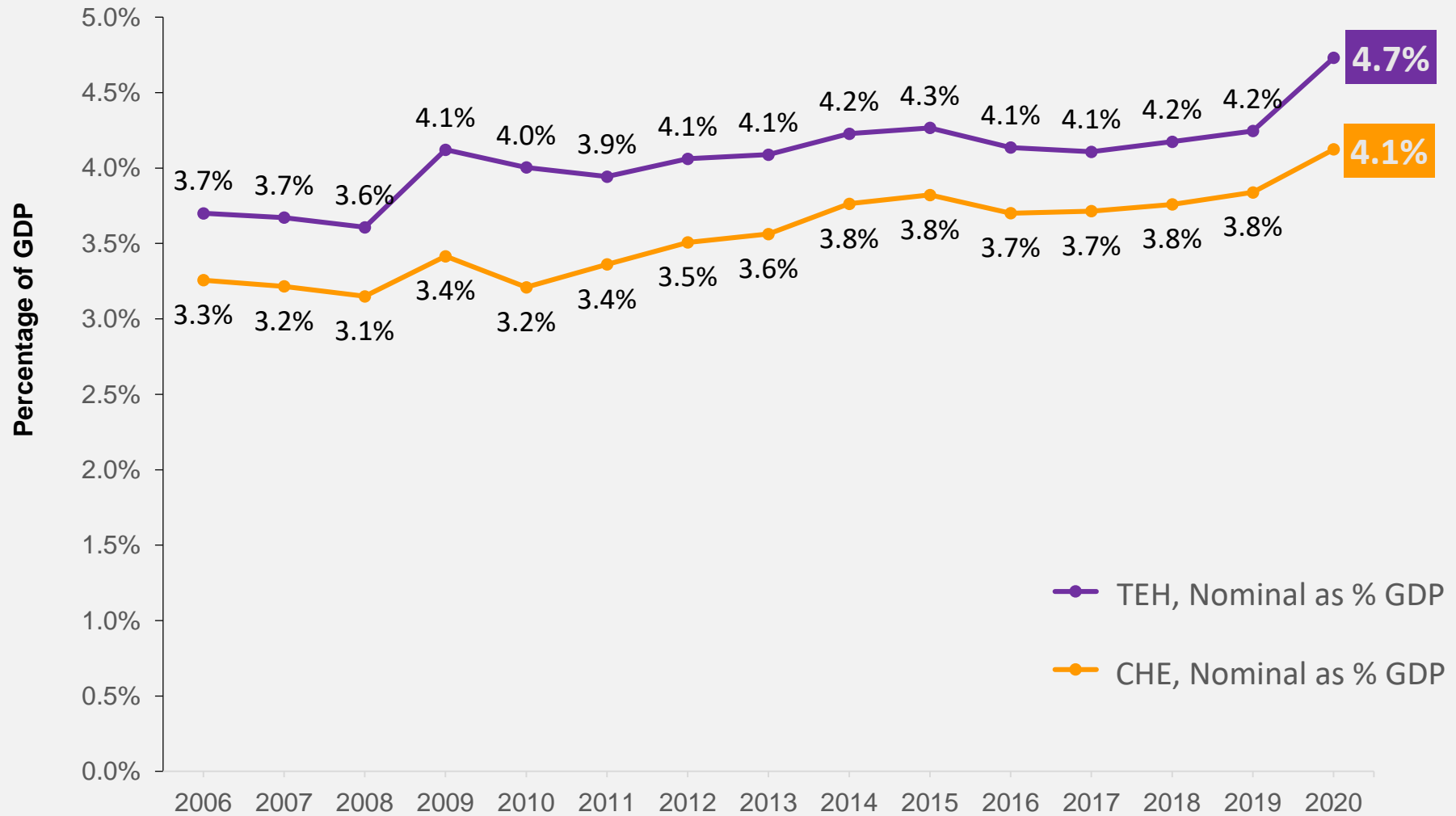
Note: \* Constant values estimated using MNHA derived GDP Deflators calculated by splicing method

# Total Expenditure on Health & Current Health Expenditure, 2006-2020

(RM Million, Nominal)



# TEH & CHE as Percentage of GDP, 2006–2020



Note: Percentages shown are rounded to one decimal place



# Total Expenditure on Health & Current Health Expenditure, 2006–2020

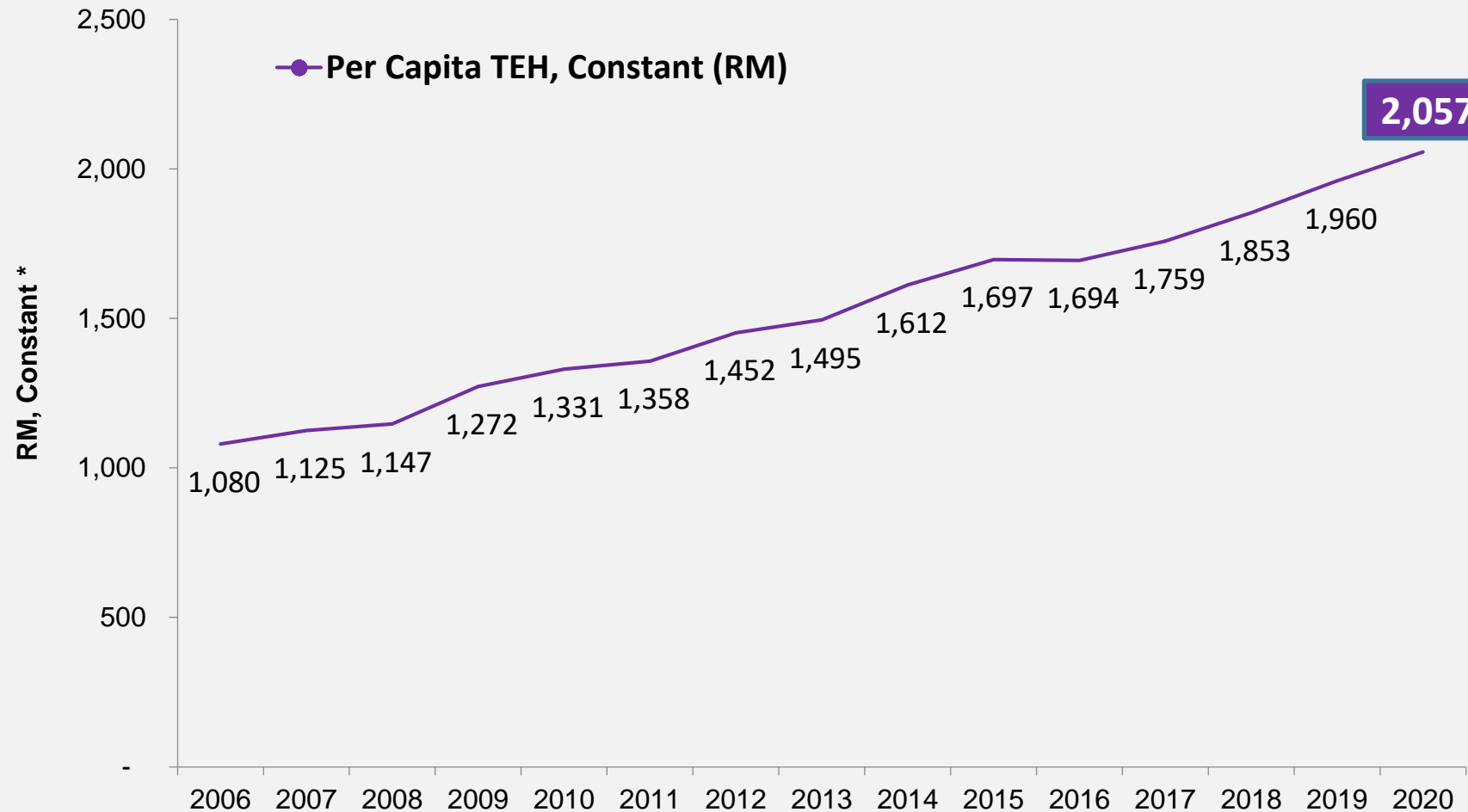
(RM Million, Nominal)

Year	CHE, Nominal (RM Million)	TEH, Nominal (RM Million)	Total GDP, Nominal (RM Million)*	TEH, Nominal as %GDP	CHE, Nominal as %GDP
2006	19,434	22,080	596,784	3.7%	3.3%
2007	21,398	24,426	665,340	3.7%	3.2%
2008	24,250	27,774	769,949	3.6%	3.1%
2009	24,350	29,380	712,857	4.1%	3.4%
2010	26,366	32,889	821,434	4.0%	3.2%
2011	30,649	35,953	911,733	3.9%	3.4%
2012	34,062	39,448	971,252	4.1%	3.5%
2013	36,290	41,647	1,018,614	4.1%	3.6%
2014	41,636	46,780	1,106,443	4.2%	3.8%
2015	44,983	50,209	1,176,941	4.3%	3.8%
2016	46,249	51,693	1,249,698	4.1%	3.7%
2017	50,978	56,369	1,372,310	4.1%	3.7%
2018	54,428	60,445	1,447,760	4.2%	3.8%
2019	58,088	64,241	1,513,157	4.2%	3.8%
<b>2020</b>	<b>58,427</b>	<b>67,022</b>	<b>1,416,605</b>	<b>4.7%</b>	<b>4.1%</b>

\* Source : Department of Statistics Malaysia

# Per Capita Expenditure on Health, 2006-2020

(RM, Constant)



Note: \* Constant values estimated using MNHA derived GDP Deflators calculated by splicing method

# Per Capita Expenditure on Health, 2006–2020

(RM, Constant)

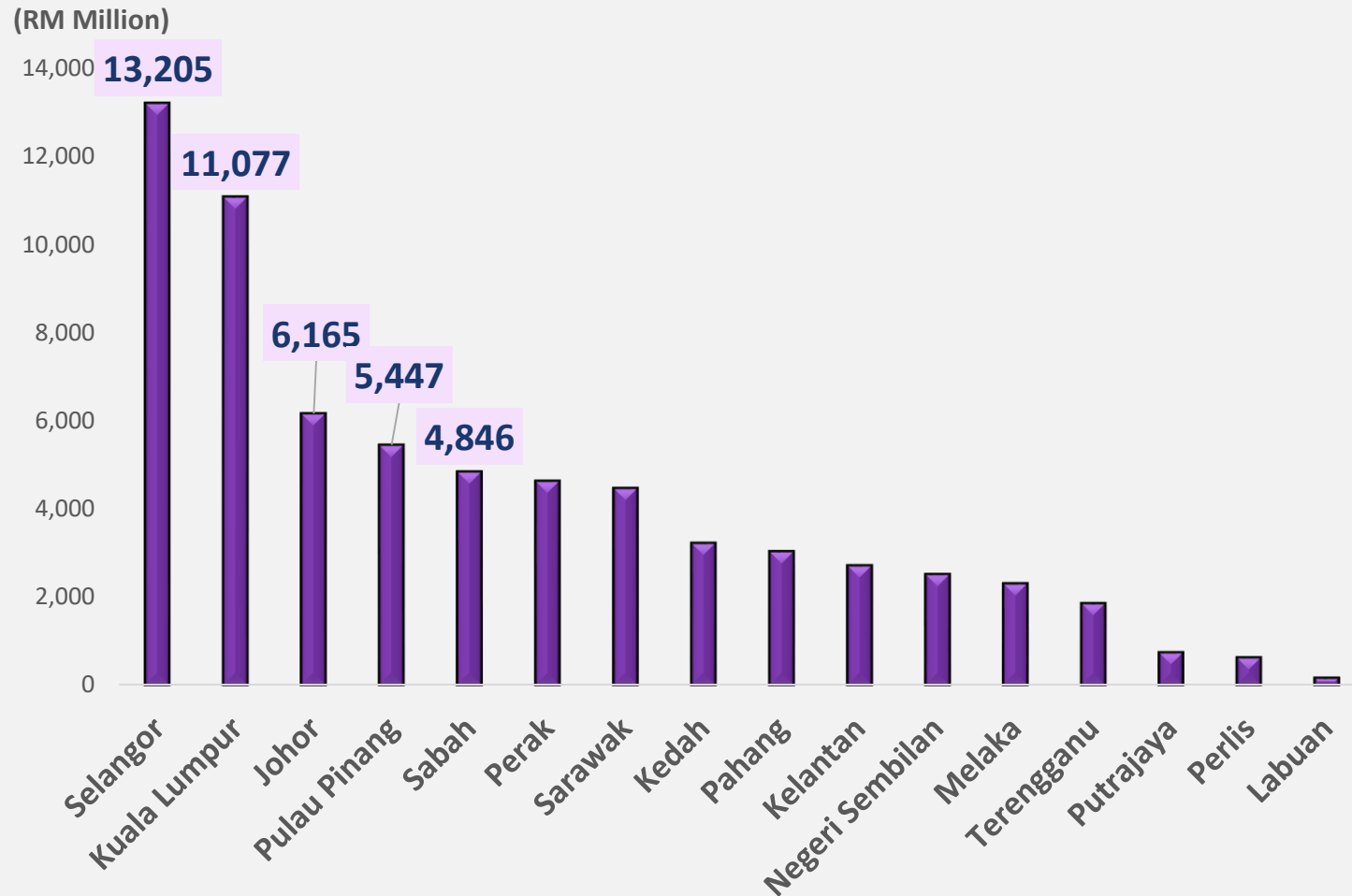
Year	TEH, Constant* (RM Million)	Total Population**	Per Capita TEH, Constant (RM)
2006	28,979	26,831,400	1,080
2007	30,588	27,186,000	1,125
2008	31,592	27,540,300	1,147
2009	35,489	27,895,100	1,272
2010	38,045	28,588,800	1,331
2011	39,453	29,062,100	1,358
2012	42,860	29,509,900	1,452
2013	45,171	30,213,800	1,495
2014	49,516	30,708,600	1,612
2015	52,926	31,186,100	1,697
2016	53,602	31,633,500	1,694
2017	56,321	32,022,600	1,759
2018	60,019	32,382,300	1,853
2019	63,741	32,523,000	1,960
<b>2020</b>	<b>67,022</b>	<b>32,584,000</b>	<b>2,057</b>

Note: \* Constant values estimated using MNHA derived GDP Deflators calculated by splicing method

\*\* Source : Department of Statistics Malaysia

# Expenditure on Health by States, 2020

(RM Million)




\*\* Values include health expenditure that cannot be allocated to states (mainly expenditure by Private Insurance, MOH HQ, DOSH etc), which has been re-proportioned to each state.

State	2020 State Health Expenditure* (RM Million)
Selangor	13,205
FT Kuala Lumpur	11,077
Johor	6,165
Pulau Pinang	5,447
Sabah	4,846
Perak	4,629
Sarawak	4,466
Kedah	3,227
Pahang	3,033
Kelantan	2,712
Negeri Sembilan	2,519
Melaka	2,305
Terengganu	1,860
FT Putrajaya	739
Perlis	627
FT Labuan	164

# Per Capita Expenditure on Health by States\*, 2020 (RM)

\*Values are not representative of the actual per capita for each states, as it includes repropotioned health expenditure that cannot be allocated to states (mainly expenditure by Private Insurance, MOH HQ, DOSH etc), and some states have national referral centres/institutes which receive patients from other states.

Pulau Pinang **RM 3,069** 

Klang Valley   
**RM 2,498**  
\*Includes Selangor, FT KL and FT Putrajaya.

Melaka **RM 2,477** 

Perlis **RM 2,467** 

Negeri Sembilan **RM 2,228** 

Perak **RM 1,843** 



Pahang **RM 1,811** 

Johor **RM 1,638** 


Sarawak **RM 1,588** 

Labuan **RM 1,582** 

Terengganu **RM 1,493** 

Kedah **RM 1,480** 

Kelantan **RM 1,438** 

Sabah **RM 1,241** 

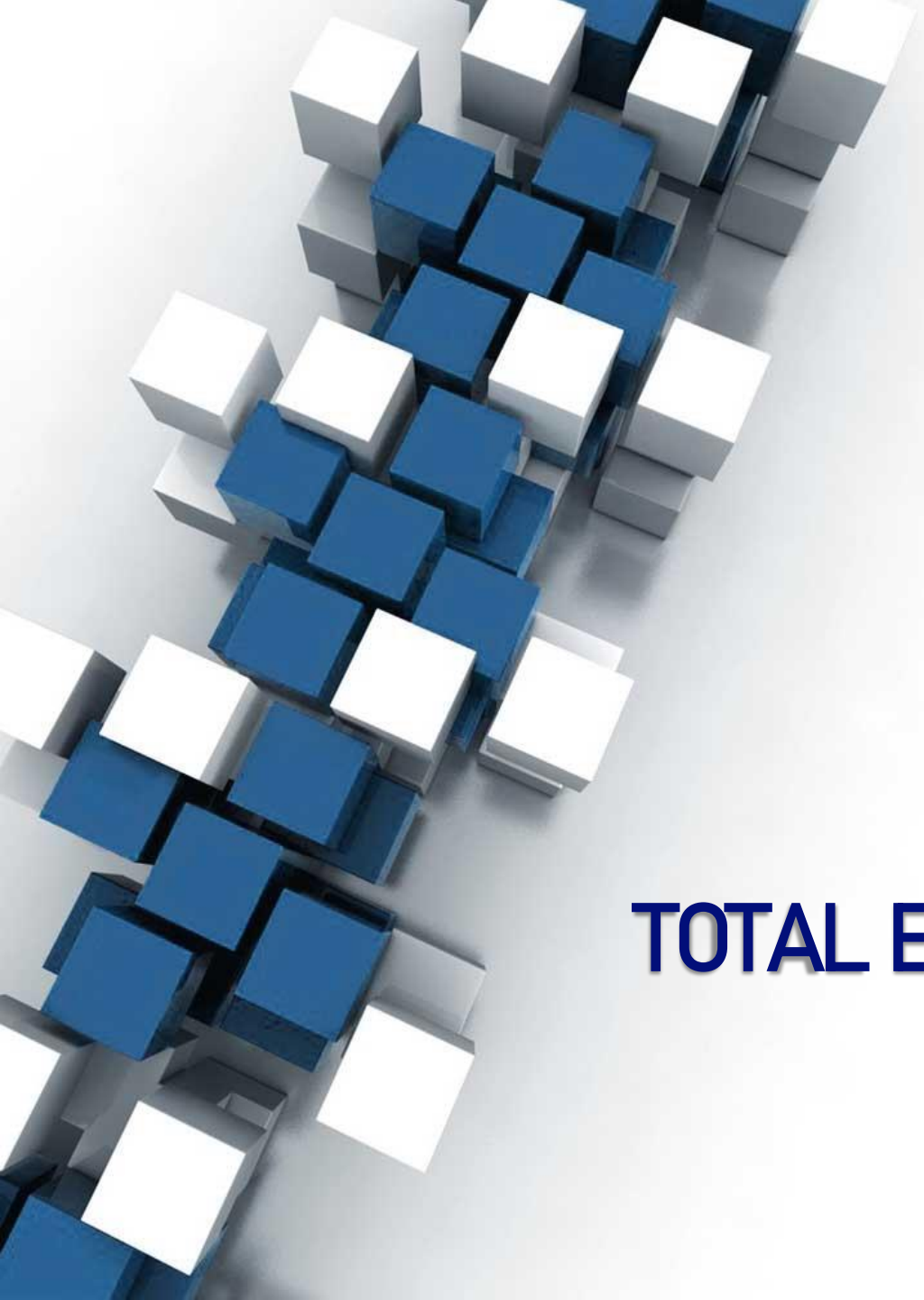
# Per Capita Expenditure on Health by States\*, 2020 (RM)

**KLANG  
VALLEY**

State	2020 Health Expenditure (RM Million)	2020 Population*	Per Capita Expenditure by State** (RM)
Pulau Pinang	4,572	1,774,600	<b>3,069</b>
Putrajaya	621	99,300	<b>2,498</b>
Kuala Lumpur	9,299	1,780,700	
Selangor	11,085	6,528,400	
Melaka	1,935	930,700	<b>2,477</b>
Perlis	527	254,400	<b>2,467</b>
Negeri Sembilan	2,114	1,130,300	<b>2,228</b>
Perak	3,886	2,512,100	<b>1,843</b>
Pahang	2,546	1,674,600	<b>1,811</b>
Johor	5,175	3,764,300	<b>1,638</b>
Sarawak	3,749	2,812,800	<b>1,588</b>
Labuan	138	103,800	<b>1,582</b>
Terengganu	1,561	1,245,700	<b>1,493</b>
Kedah	2,709	2,180,600	<b>1,480</b>
Kelantan	2,277	1,885,700	<b>1,438</b>
Sabah	4,068	3,903,400	<b>1,241</b>

\* Source : Department of Statistics, Malaysia

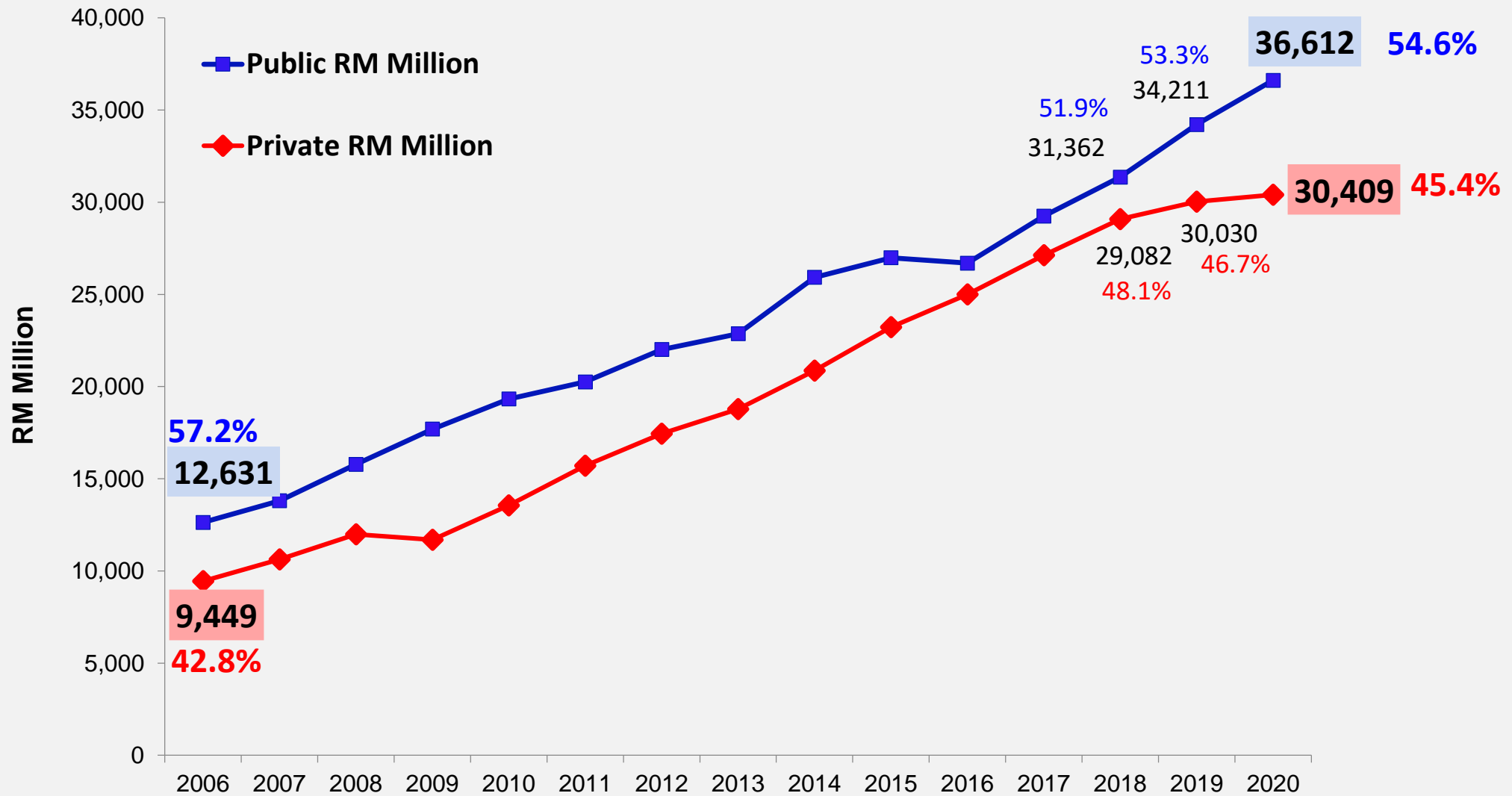
\*\* Values are not representative of the actual per capita for each states, as it includes repropotioned health expenditure that cannot be allocated to states (mainly expenditure by Private Insurance, MOH HQ, DOSH etc), and some states have national referral centres/institutes which receive patients from other states.



# TOTAL EXPENDITURE ON HEALTH 2006-2020

SOURCES OF FINANCING

# Total Expenditure on Health by Public & Private Sources of Financing, 2006-2020 (RM Million)



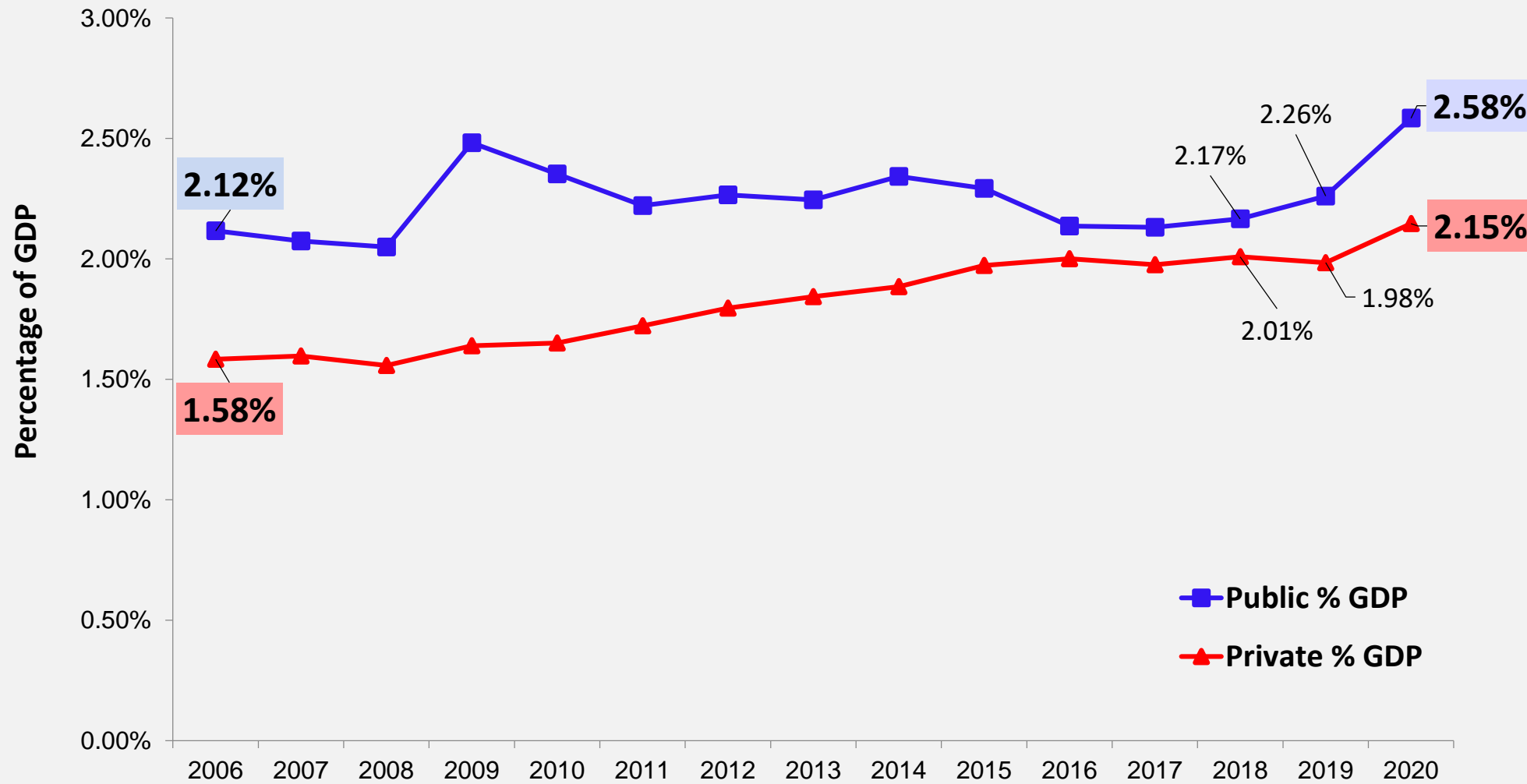


# Total Expenditure on Health by Public & Private Sources of Financing, 2006-2020 (RM Million)

Year	PUBLIC SECTOR		PRIVATE SECTOR	
	RM Million	Public % TEH	RM Million	Private % TEH
2006	12,631	57.2%	9,449	42.8%
2007	13,804	56.5%	10,622	43.5%
2008	15,783	56.8%	11,991	43.2%
2009	17,695	60.2%	11,685	39.8%
2010	19,330	58.8%	13,560	41.2%
2011	20,251	56.3%	15,702	43.7%
2012	22,007	55.8%	17,442	44.2%
2013	22,868	54.9%	18,780	45.1%
2014	25,921	55.4%	20,859	44.6%
2015	26,987	53.7%	23,222	46.3%
2016	26,692	51.6%	25,001	48.4%
2017	29,248	51.9%	27,120	48.1%
2018	31,362	51.9%	29,082	48.1%
2019	34,211	53.3%	30,030	46.7%
<b>2020</b>	<b>36,612</b>	<b>54.6%</b>	<b>30,409</b>	<b>45.4%</b>

Note: Percentages shown are rounded to one decimal place

# TEH by Public & Private Sources of Financing as Percentage of GDP, 2006–2020



Note: Added percentages may differ due to rounding.

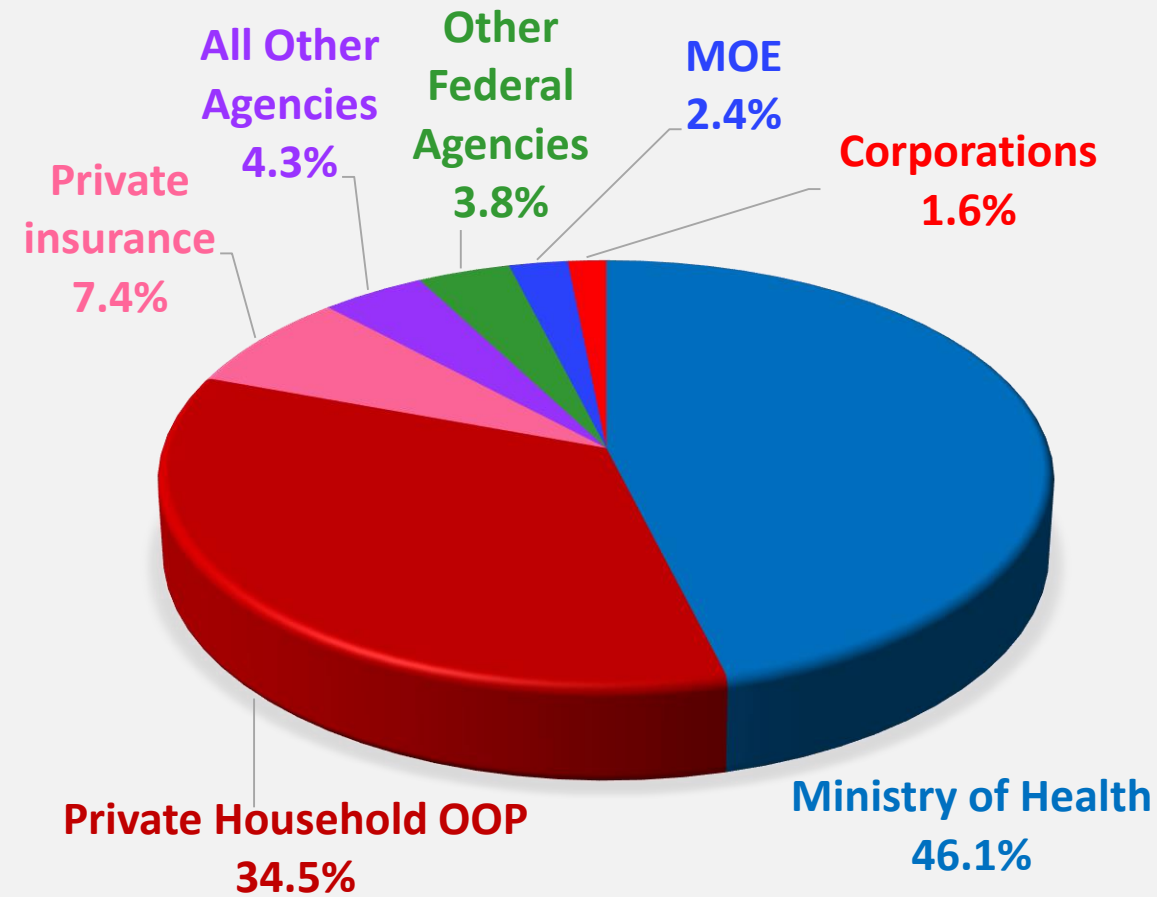
# TEH by Public & Private Sources of Financing as Percentage of GDP, 2006–2020

Year	Total GDP, Nominal (RM Million)*	PUBLIC SECTOR		PRIVATE SECTOR	
		RM Million	Public % GDP	RM Million	Private % GDP
2006	596,784	12,631	2.12%	9,449	1.58%
2007	665,340	13,804	2.07%	10,622	1.60%
2008	769,949	15,783	2.05%	11,991	1.56%
2009	712,857	17,695	2.48%	11,685	1.64%
2010	821,434	19,330	2.35%	13,560	1.65%
2011	911,733	20,251	2.22%	15,702	1.72%
2012	971,252	22,007	2.27%	17,442	1.80%
2013	1,018,614	22,868	2.24%	18,780	1.84%
2014	1,106,443	25,921	2.34%	20,859	1.89%
2015	1,176,941	26,987	2.29%	23,222	1.97%
2016	1,249,698	26,692	2.14%	25,001	2.00%
2017	1,372,310	29,248	2.13%	27,120	1.98%
2018	1,447,760	31,362	2.17%	29,082	2.01%
2019	1,513,157	34,211	2.26%	30,030	1.98%
<b>2020</b>	<b>1,416,605</b>	<b>36,612</b>	<b>2.58%</b>	<b>30,409</b>	<b>2.15%</b>

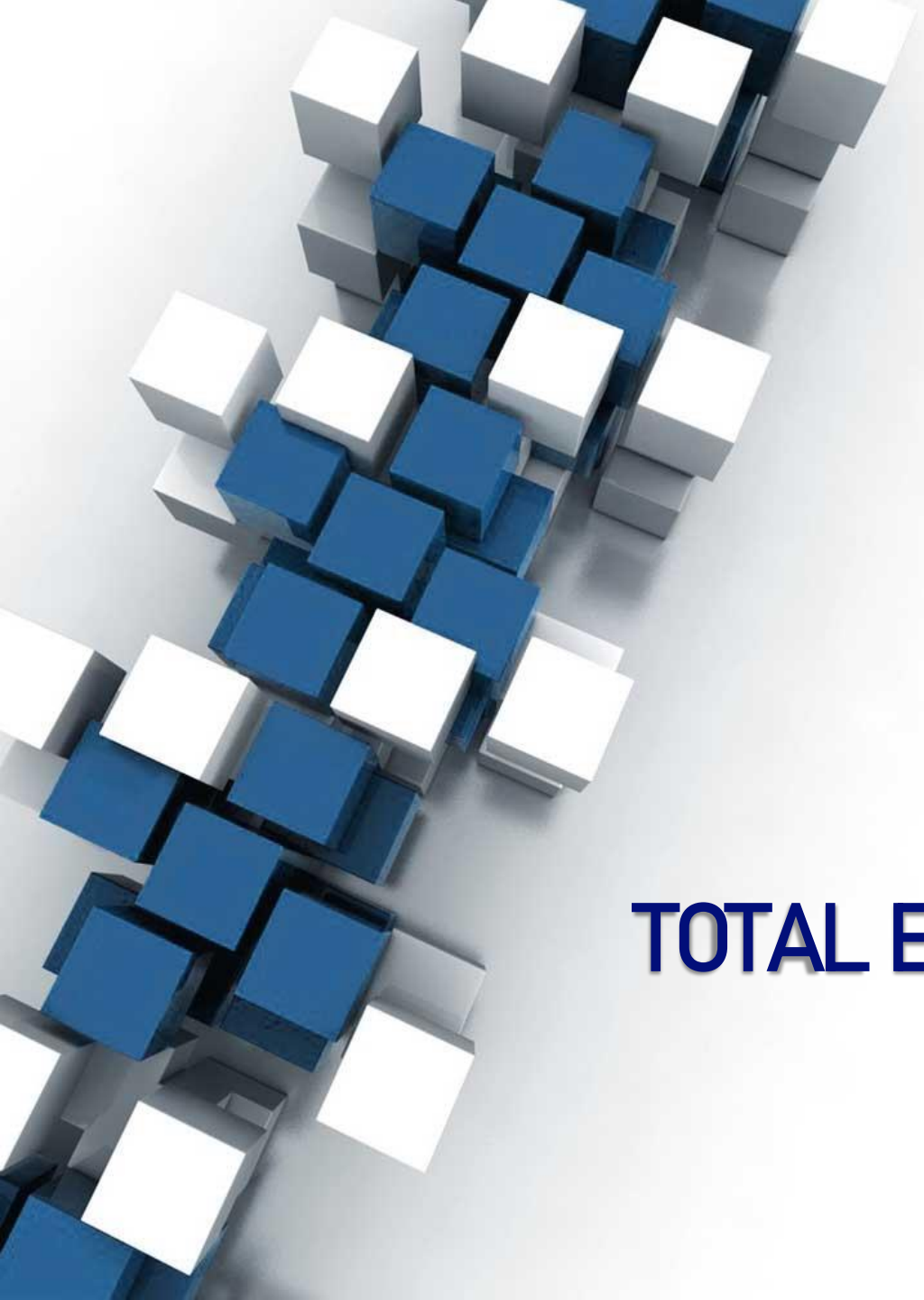
Note: Added percentages may differ due to rounding.

\* Source : Department of Statistics Malaysia

# TEH by All Sources of Financing, 2020



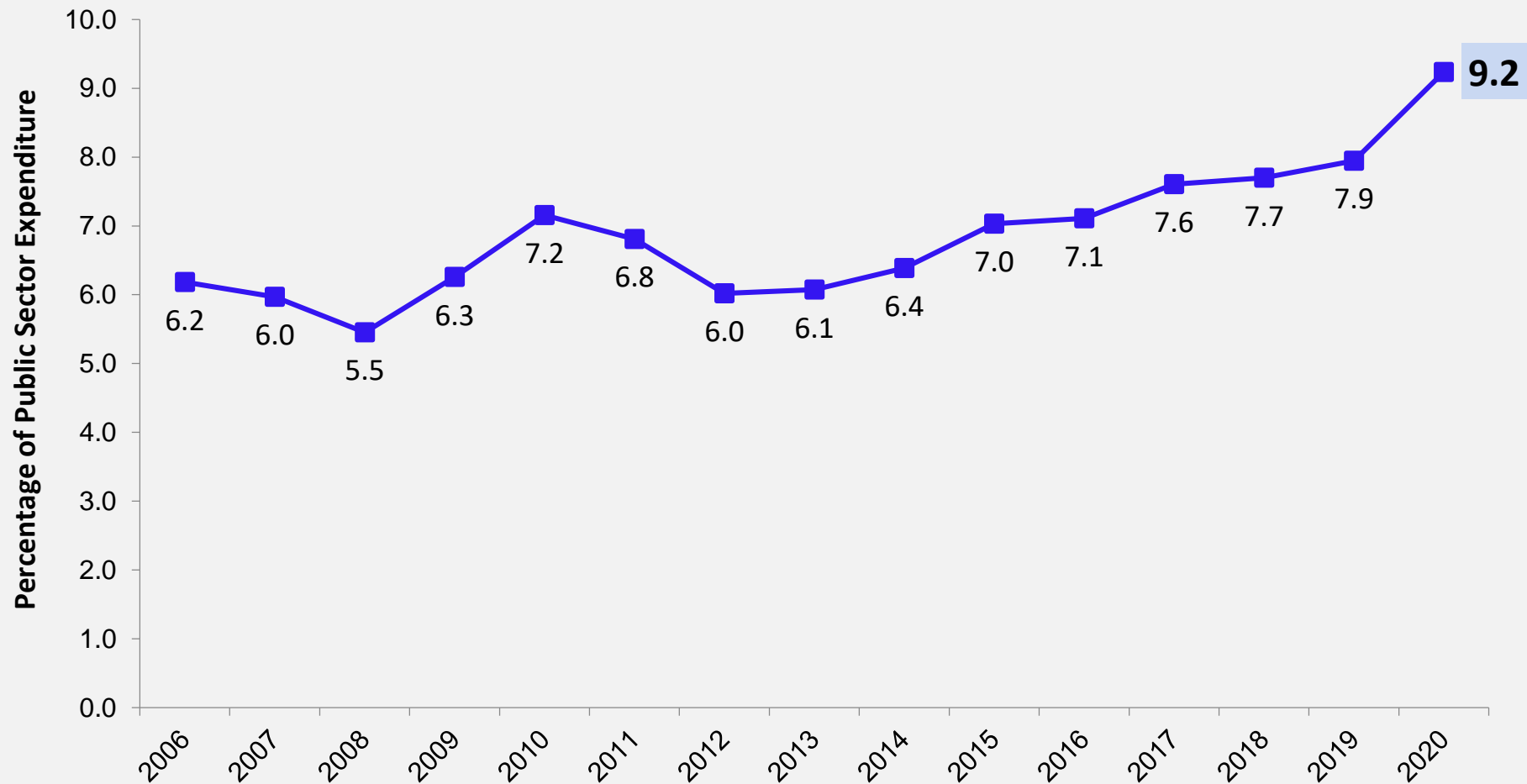
Sources of Financing	2020	2019
	RM Million	RM Million
Ministry of Health (MOH)	30,883	28,858
Private household OOP expenditure	23,150	23,115
Private insurance enterprises (other than social insurance)	4,948	4,875
Other federal agencies (including statutory bodies)	2,533	2,245
Ministry of Education (MOE)	1,603	1,608
All Corporations (other than health insurance)	1,044	982
Private MCOs	975	963
Other state agencies (including statutory bodies)	504	502
SOCSSO	409	394
Local authorities	266	249
Non-profit institutions (NGO)	210	90
(General) State Government	201	124
Ministry of Defence (MOD)	135	150
Rest of the world	82	4
EPF	79	83
<b>TOTAL</b>	<b>67,022</b>	<b>64,241</b>



# TOTAL EXPENDITURE ON HEALTH 2006-2020

Public Sources of Financing

# Public Sector Health Expenditure (PSHE) as Percentage of Public Sector Expenditure (PSE), 2006–2020



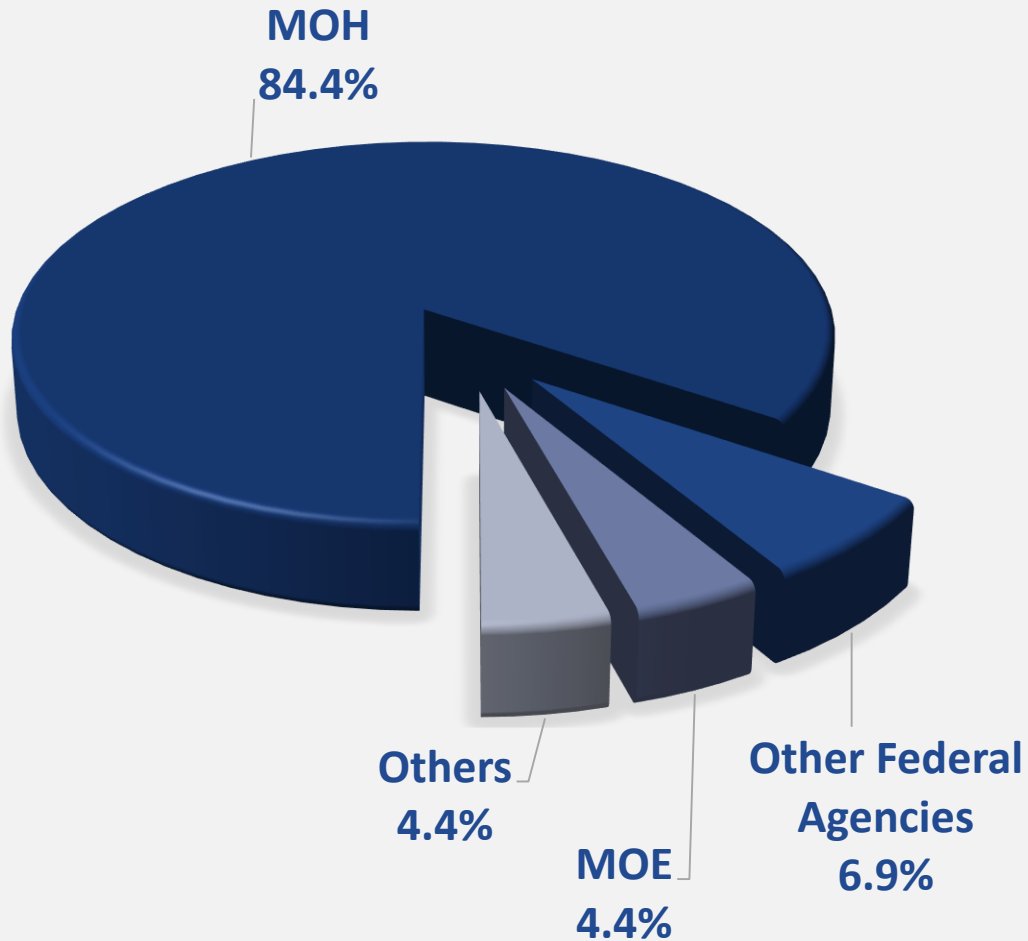
Note: Percentages shown are rounded to one decimal place

# Public Sector Expenditure – Health vs General, 2006–2020

Year	PSHE (RM, Million)	PSE * (RM, Million)	PSHE as % PSE
2006	12,631	204,255	6.2
2007	13,804	231,359	6.0
2008	15,783	289,394	5.5
2009	17,695	282,794	6.3
2010	19,330	270,171	7.2
2011	20,251	297,382	6.8
2012	22,007	365,600	6.0
2013	22,868	376,374	6.1
2014	25,921	405,788	6.4
2015	26,987	383,727	7.0
2016	26,692	375,488	7.1
2017	29,248	384,576	7.6
2018	31,362	407,330	7.7
2019	34,211	430,529	7.9
<b>2020</b>	<b>36,612</b>	<b>396,410</b>	<b>9.2</b>

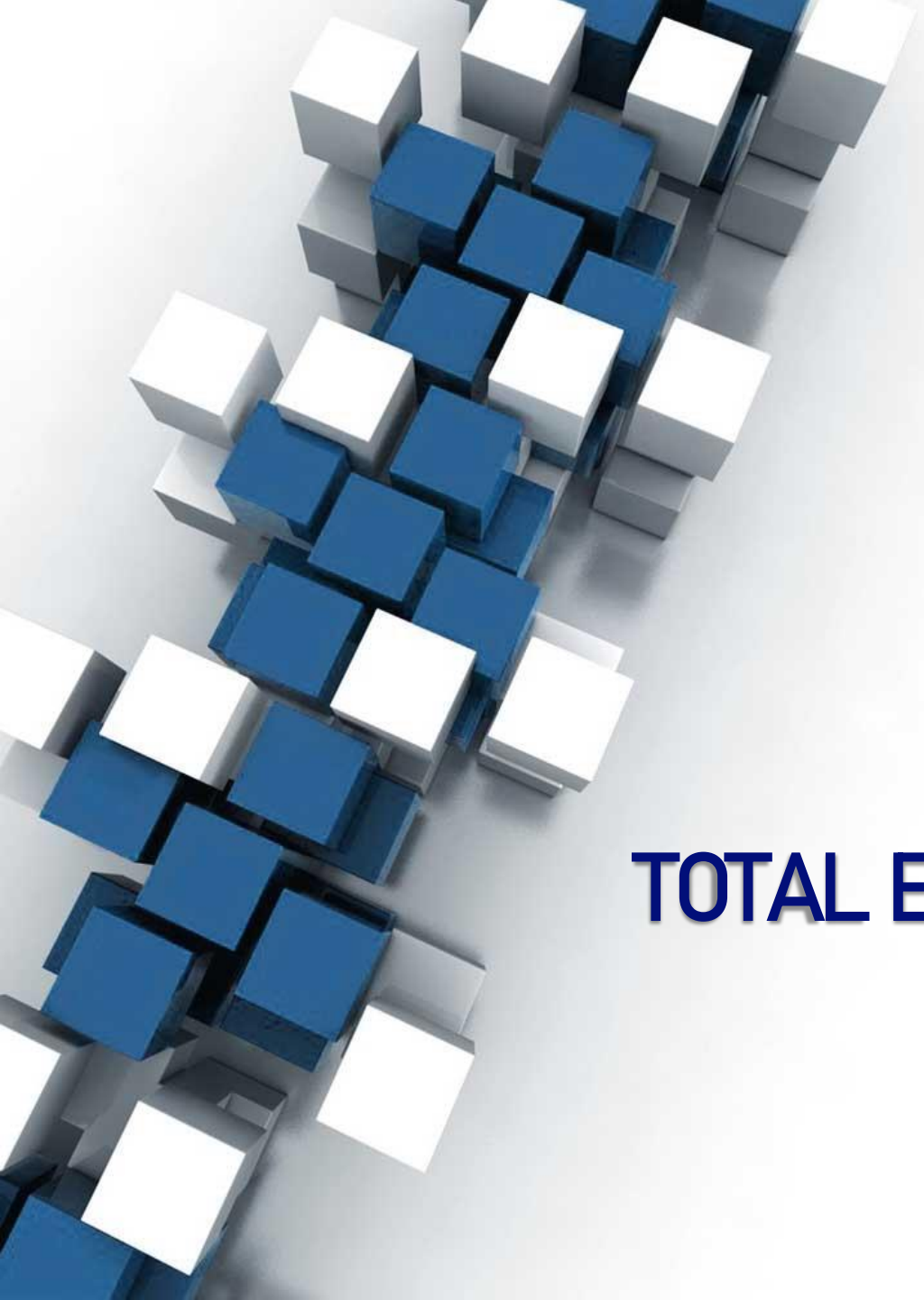
\* Source : Treasury Malaysia website - Fiscal Outlook 2021, Section 6 : Consolidated Public Sector

# Health Expenditure by Public Sources of Financing, 2020



Sources of Financing	2020	2019
	RM Million	RM Million
Ministry of Health (MOH)	30,883	28,858
Other federal agencies (including statutory bodies)	2,533	2,245
Ministry of Education (MOE)	1,603	1,608
Other state agencies (including statutory bodies)	504	502
SOCSSO	409	394
Local authorities (LA)	266	249
(General) State government	201	124
Ministry of Defence (MOD)	135	150
EPF	79	83
<b>TOTAL</b>	<b>36,612</b>	<b>34,211</b>



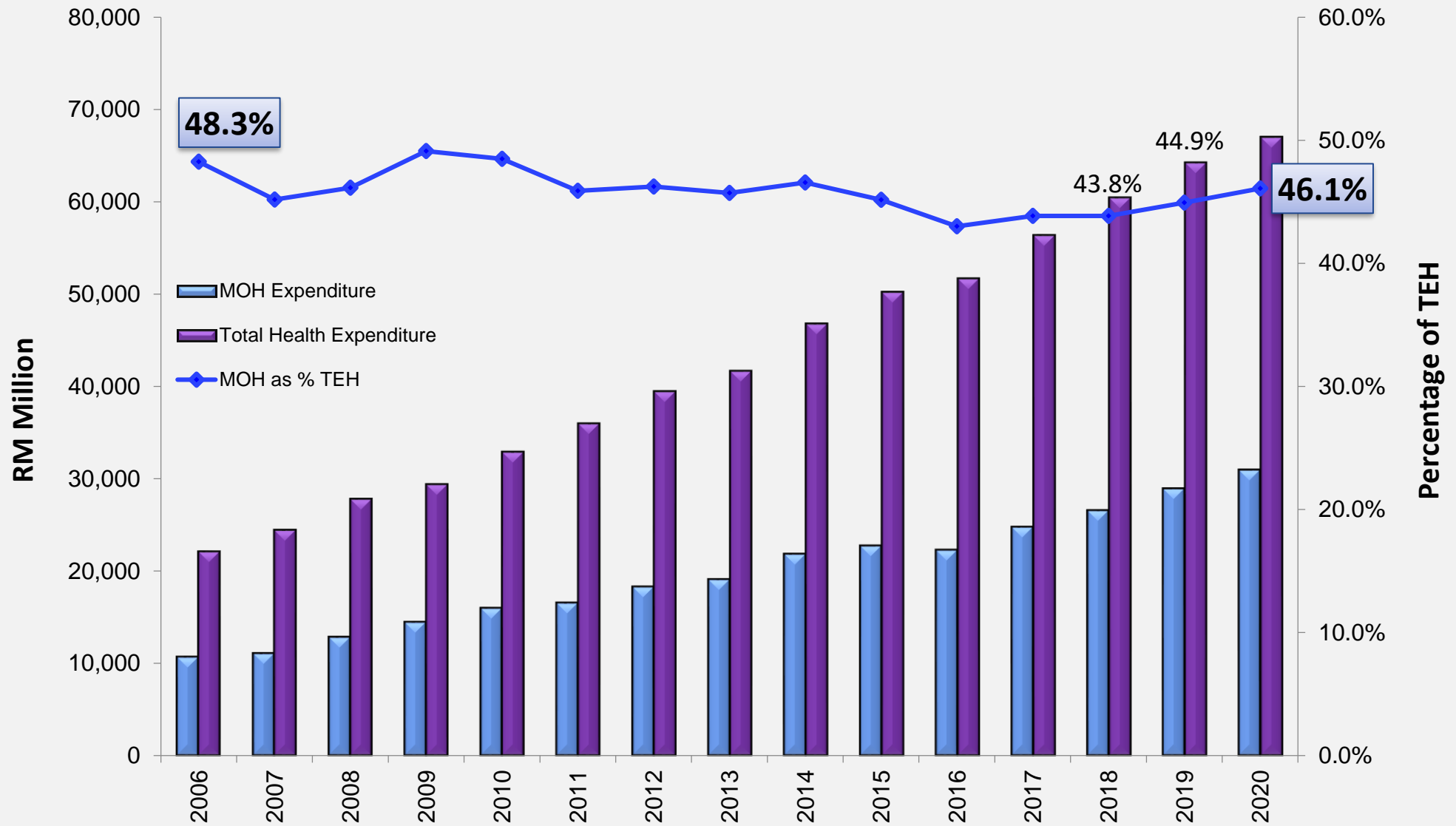


# TOTAL EXPENDITURE ON HEALTH 2006-2020

Public Sources of Financing

Ministry of Health

# MOH Share of TEH, 2006-2020



# MOH Share of TEH, 2006-2020

Year	MOH Expenditure (RM Million)	Total Health Expenditure (RM Million)	MOH as % TEH
2006	10,655	22,080	48.3%
2007	11,036	24,426	45.2%
2008	12,813	27,774	46.1%
2009	14,431	29,380	49.1%
2010	15,945	32,889	48.5%
2011	16,496	35,953	45.9%
2012	18,239	39,448	46.2%
2013	19,038	41,647	45.7%
2014	21,782	46,780	46.6%
2015	22,671	50,209	45.2%
2016	22,226	51,693	43.0%
2017	24,716	56,369	43.8%
2018	26,501	60,445	43.8%
2019	28,858	64,241	44.9%
<b>2020</b>	<b>30,883</b>	<b>67,022</b>	<b>46.1%</b>

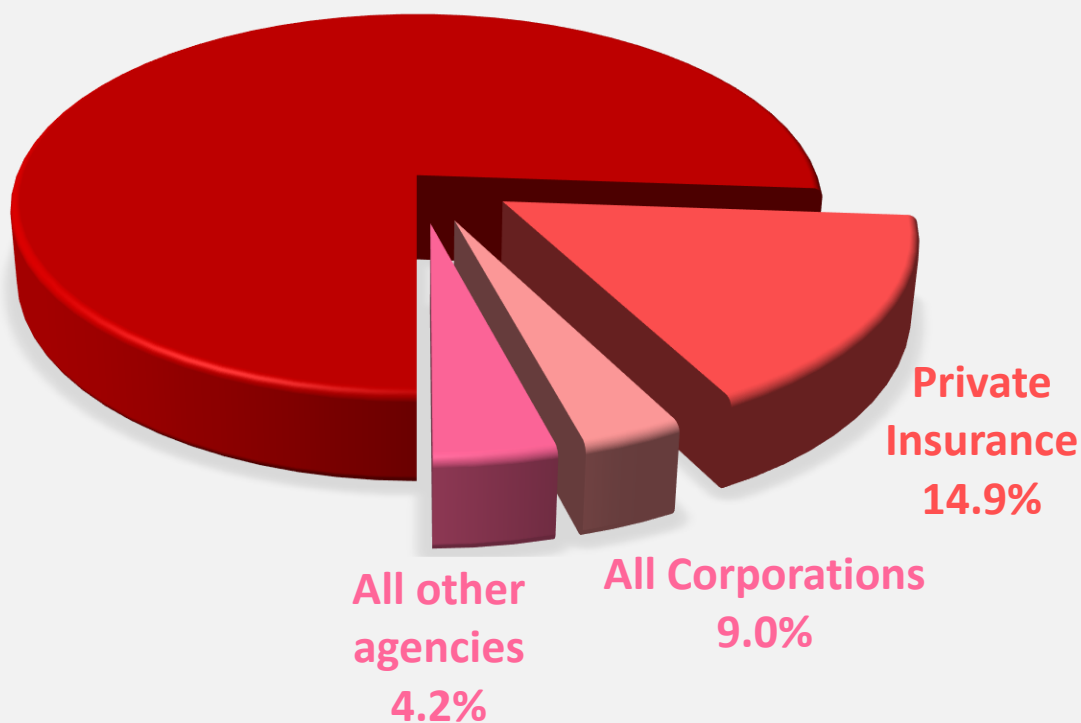


# TOTAL EXPENDITURE ON HEALTH 2006-2020

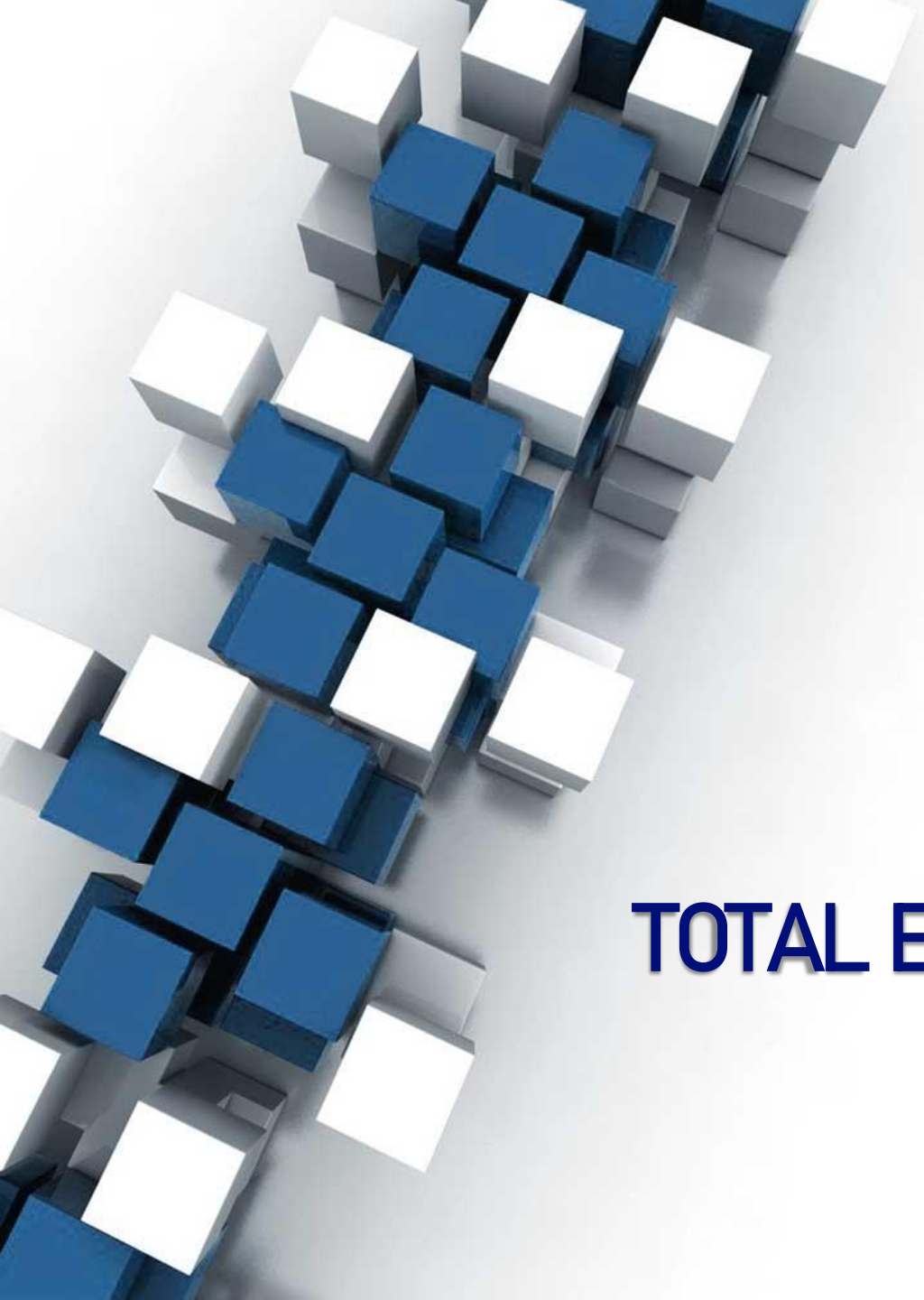
## Private Sources of Financing

# Health Expenditure by Private Sources of Financing, 2020

**Private Household OOP**  
76.1%



Sources of Financing	2020	2019
	RM Million	RM Million
Private household OOP	<b>23,150</b>	23,115
Private insurance enterprises (other than social insurance)	<b>4,948</b>	4,875
All corporations (other than health insurance)	<b>1,044</b>	982
Private MCOs and other similar entities	<b>975</b>	963
Non-profit institutions serving households (NGO)	<b>210</b>	90
Rest of the world (ROW)	<b>82</b>	4
<b>TOTAL</b>	<b>30,409</b>	<b>30,030</b>

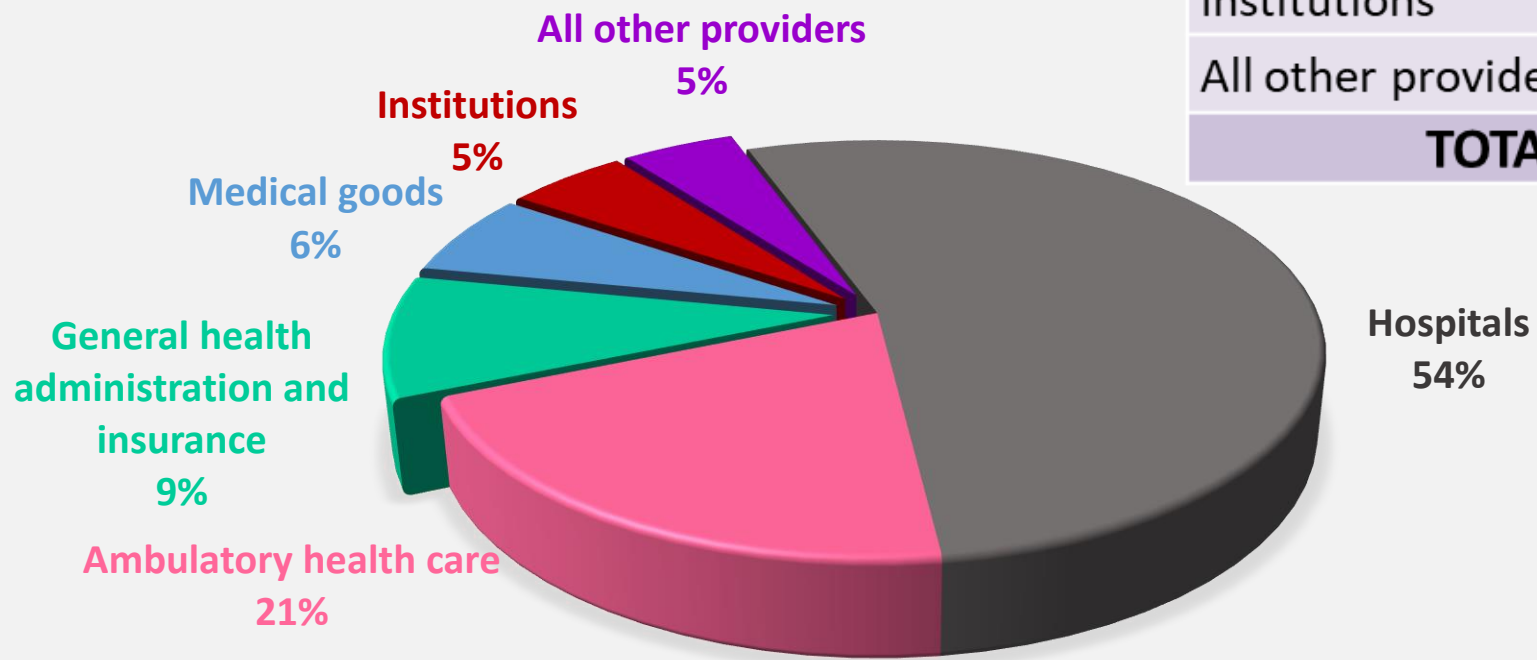


# TOTAL EXPENDITURE ON HEALTH 2006-2020

PROMIDERS OF HEALTHCARE

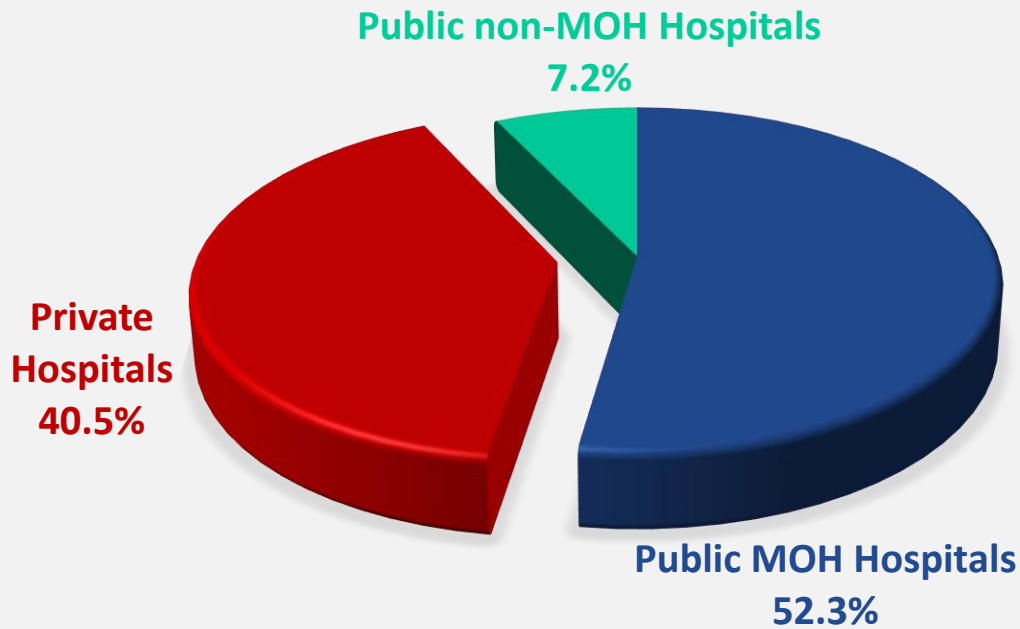
# TEH to All Providers of Healthcare, 2020

Providers of Healthcare	2020	2019
	RM Million	RM Million
Hospitals	<b>35,927</b>	35,603
Ambulatory health care	<b>13,837</b>	13,935
General health administration & insurance	<b>6,290</b>	5,483
Medical goods	<b>4,275</b>	4,128
Institutions	<b>3,461</b>	3,062
All other providers	<b>3,232</b>	2,031
<b>TOTAL</b>	<b>67,022</b>	<b>64,241</b>



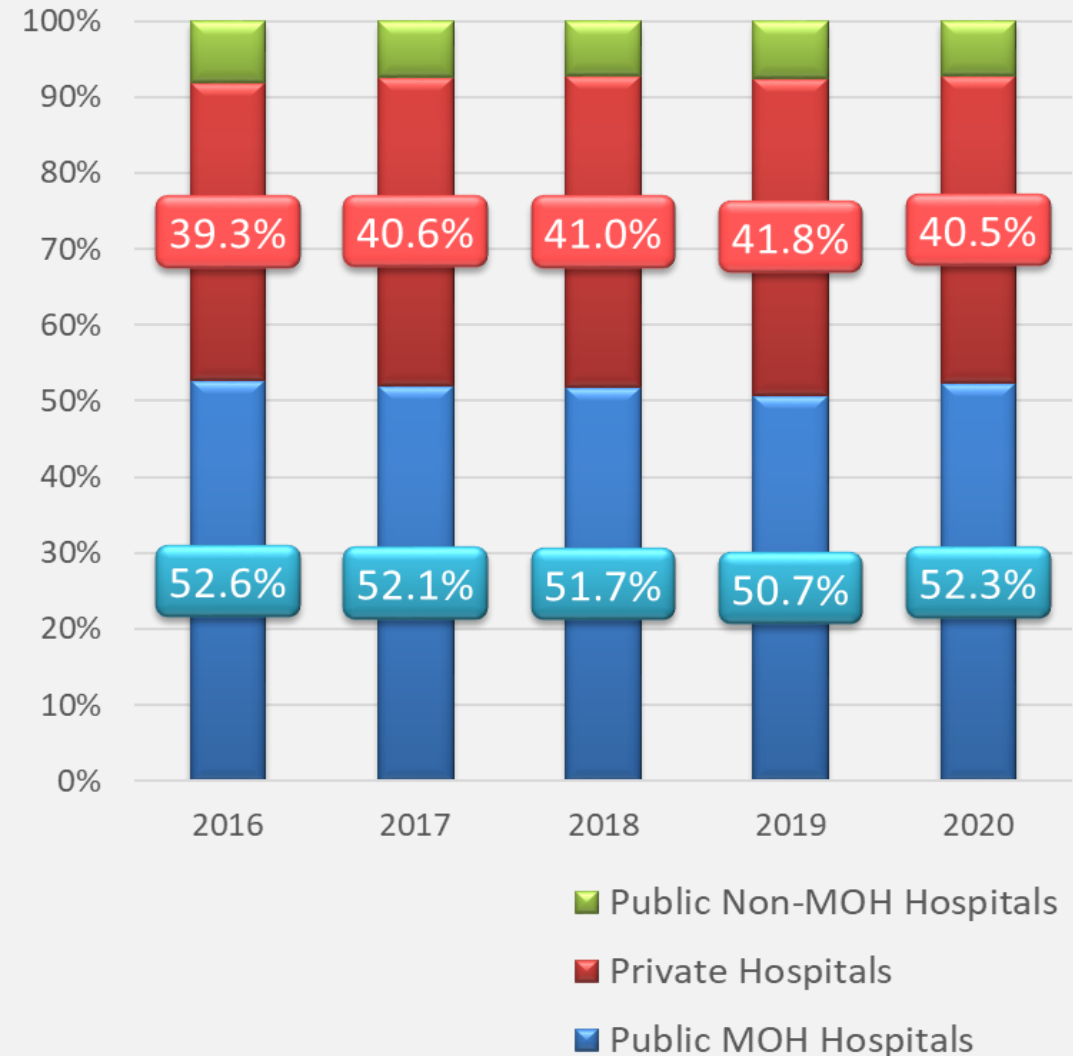
# Expenditure to Hospitals, 2020

**Expenditure on Health to Hospitals, 2020**



HOSPITALS	RM Million
Public MOH Hospitals	18,785
Private Hospitals	14,553
Public non-MOH Hospitals	2,589
<b>TOTAL</b>	<b>35,927</b>

**Expenditure on Health to Hospitals, 2016-2020**





# Providers of Ambulatory Health Care

Public and private establishments primarily engaged in providing healthcare services directly to outpatients who don't require inpatient services.



Medical Practitioner Clinics  
Dental Clinics



Other Health Professionals \*  
TCM / Alternative Healthcare



Family planning centres | Mental health & substance abuse centres  
Free-standing ambulatory surgery centres | Dialysis centres

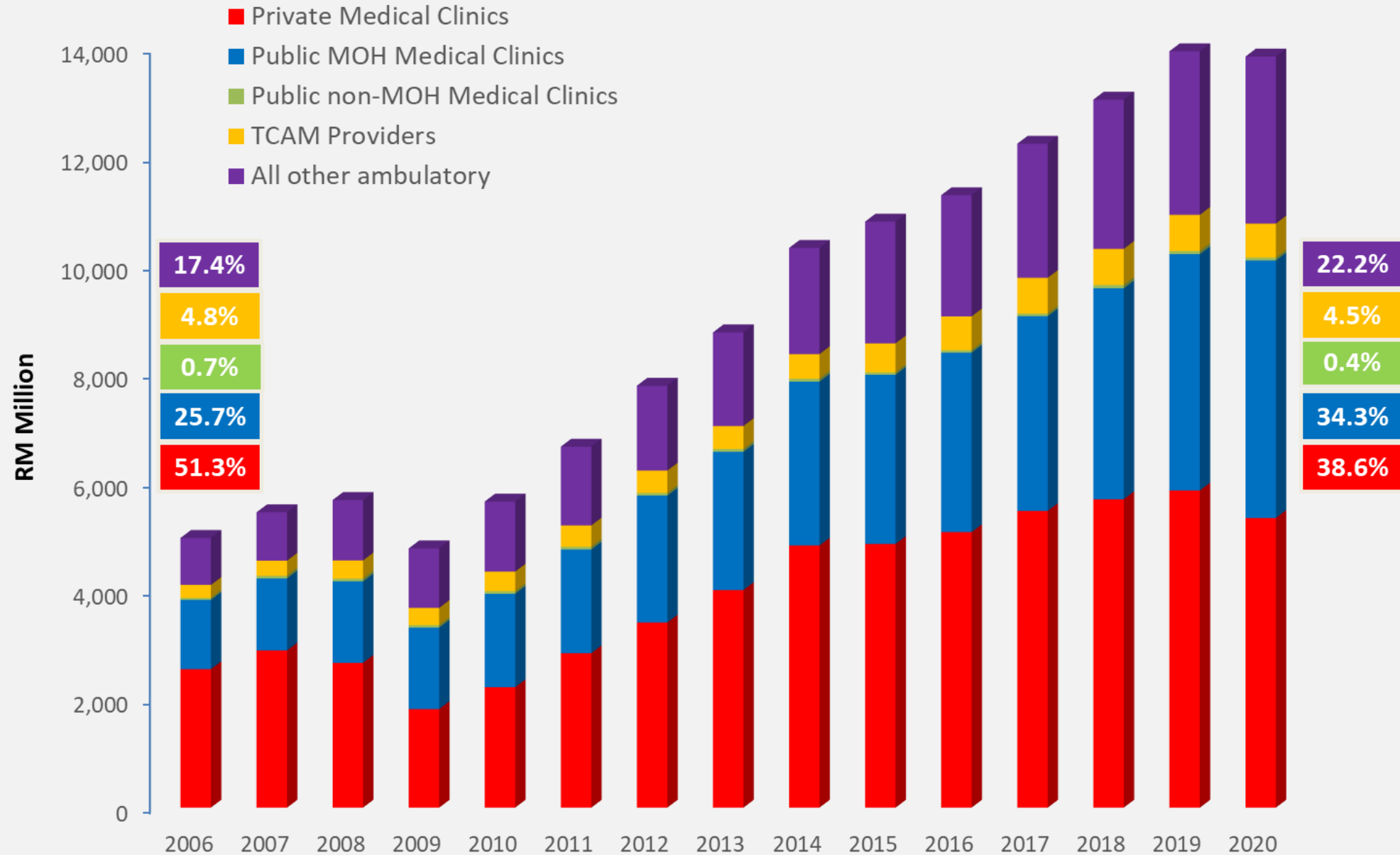


Medical & diagnostic labs | Ambulance services  
Blood banks & organ banks



\* Examples : audiologist, optometrist, physiotherapist, occupational therapist, speech therapist, etc.

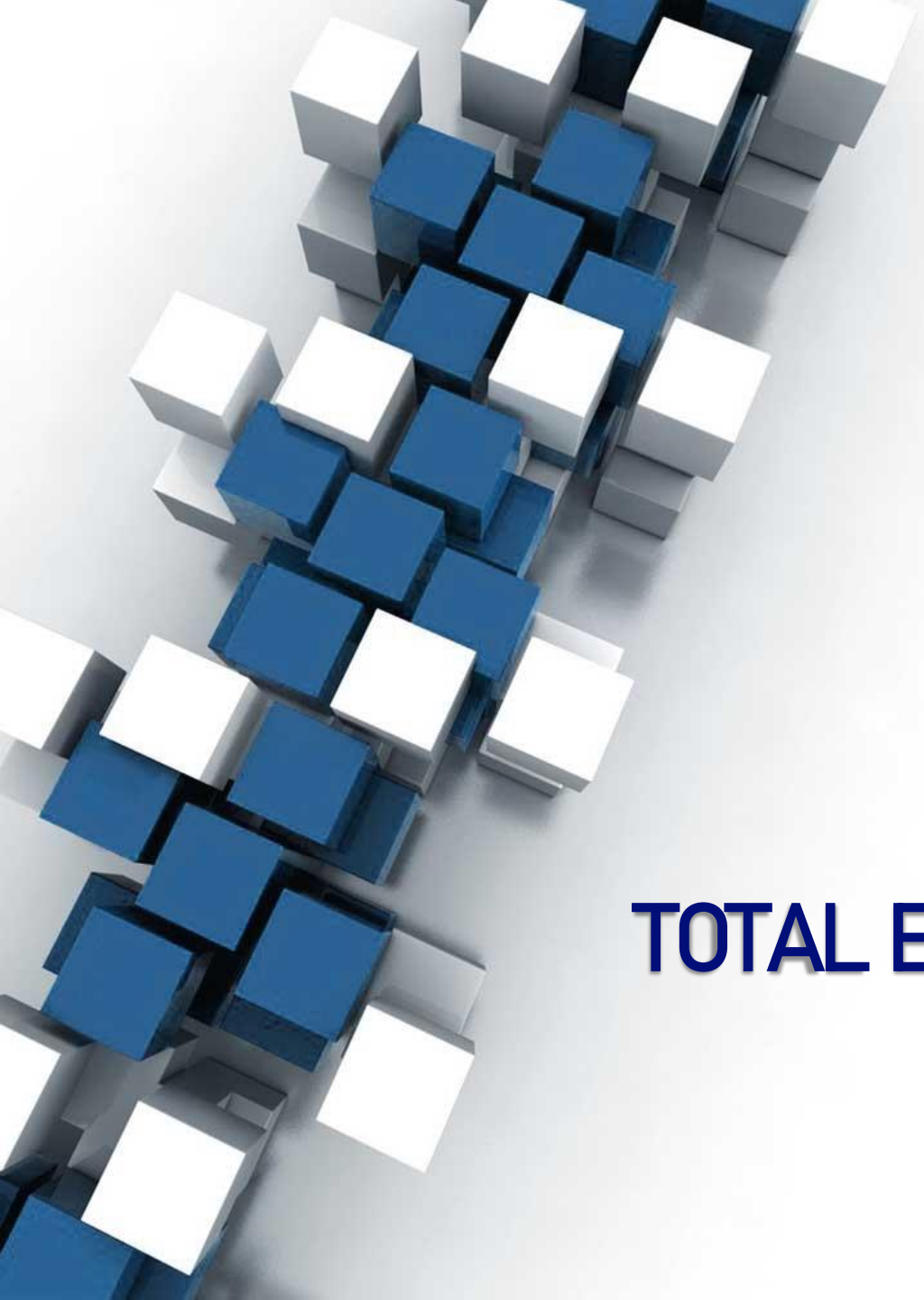
# Expenditure on Health to Ambulatory Healthcare Providers, 2006-2020



# Expenditure on Health to Ambulatory Healthcare Providers, 2006-2020

(RM Million)

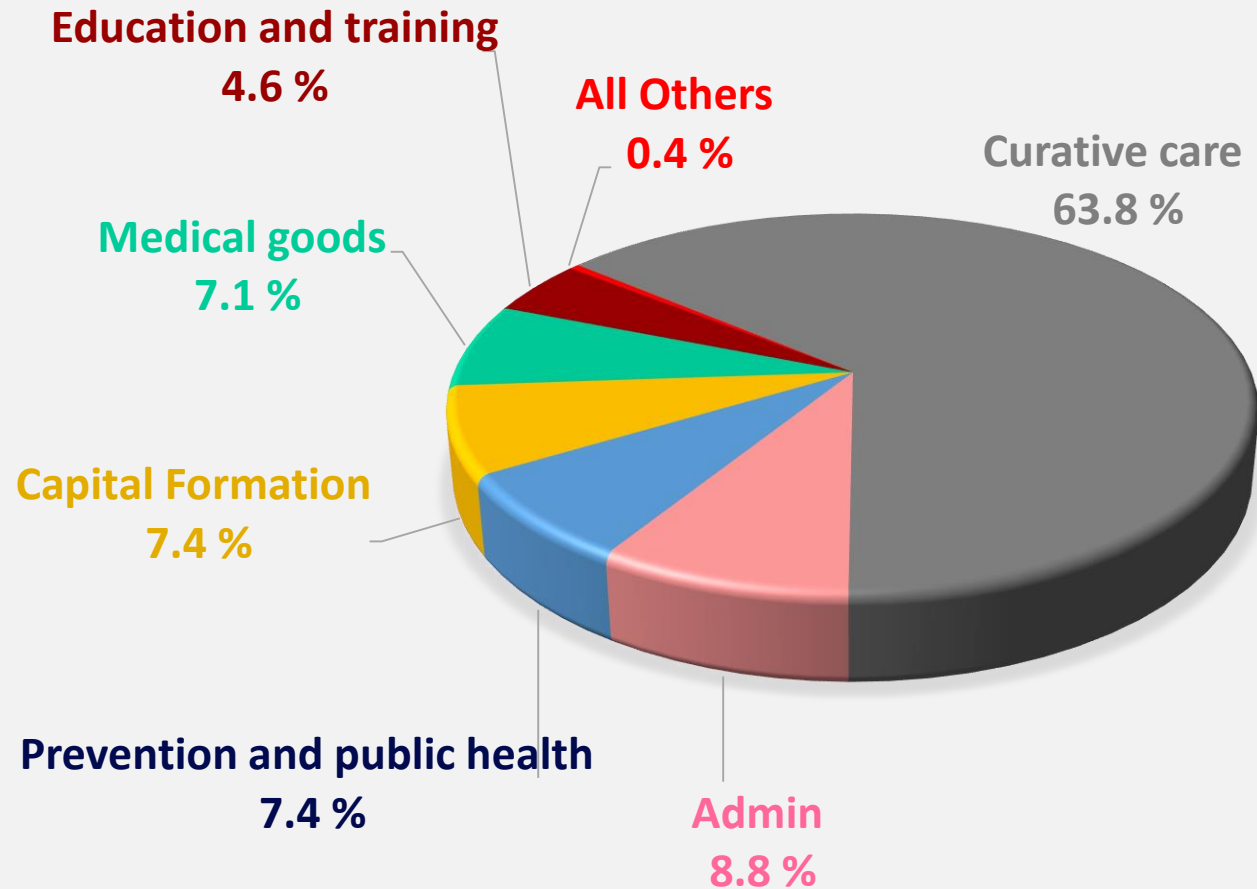
Year	Private Medical Clinics	Public MOH Medical Clinics	Public non-MOH Medical Clinics	TCAM Providers	All other ambulatory	TOTAL
<b>2006</b>	2,551	1,276	37	240	866	<b>4,969</b>
<b>2007</b>	2,896	1,327	49	277	892	<b>5,442</b>
<b>2008</b>	2,667	1,500	53	333	1,114	<b>5,668</b>
<b>2009</b>	1,816	1,501	44	319	1,095	<b>4,776</b>
<b>2010</b>	2,219	1,721	47	361	1,292	<b>5,639</b>
<b>2011</b>	2,844	1,912	50	394	1,451	<b>6,650</b>
<b>2012</b>	3,411	2,337	50	412	1,563	<b>7,773</b>
<b>2013</b>	4,008	2,546	53	424	1,724	<b>8,756</b>
<b>2014</b>	4,829	3,019	55	452	1,956	<b>10,311</b>
<b>2015</b>	4,859	3,116	45	534	2,243	<b>10,796</b>
<b>2016</b>	5,076	3,307	43	624	2,234	<b>11,284</b>
<b>2017</b>	5,466	3,587	49	658	2,470	<b>12,231</b>
<b>2018</b>	5,682	3,886	60	667	2,749	<b>13,043</b>
<b>2019</b>	5,842	4,354	57	667	3,014	<b>13,935</b>
<b>2020</b>	<b>5,337</b>	<b>4,744</b>	<b>53</b>	<b>626</b>	<b>3,076</b>	<b>13,837</b>



# TOTAL EXPENDITURE ON HEALTH 2006-2020

FUNCTIONS OF HEALTHCARE

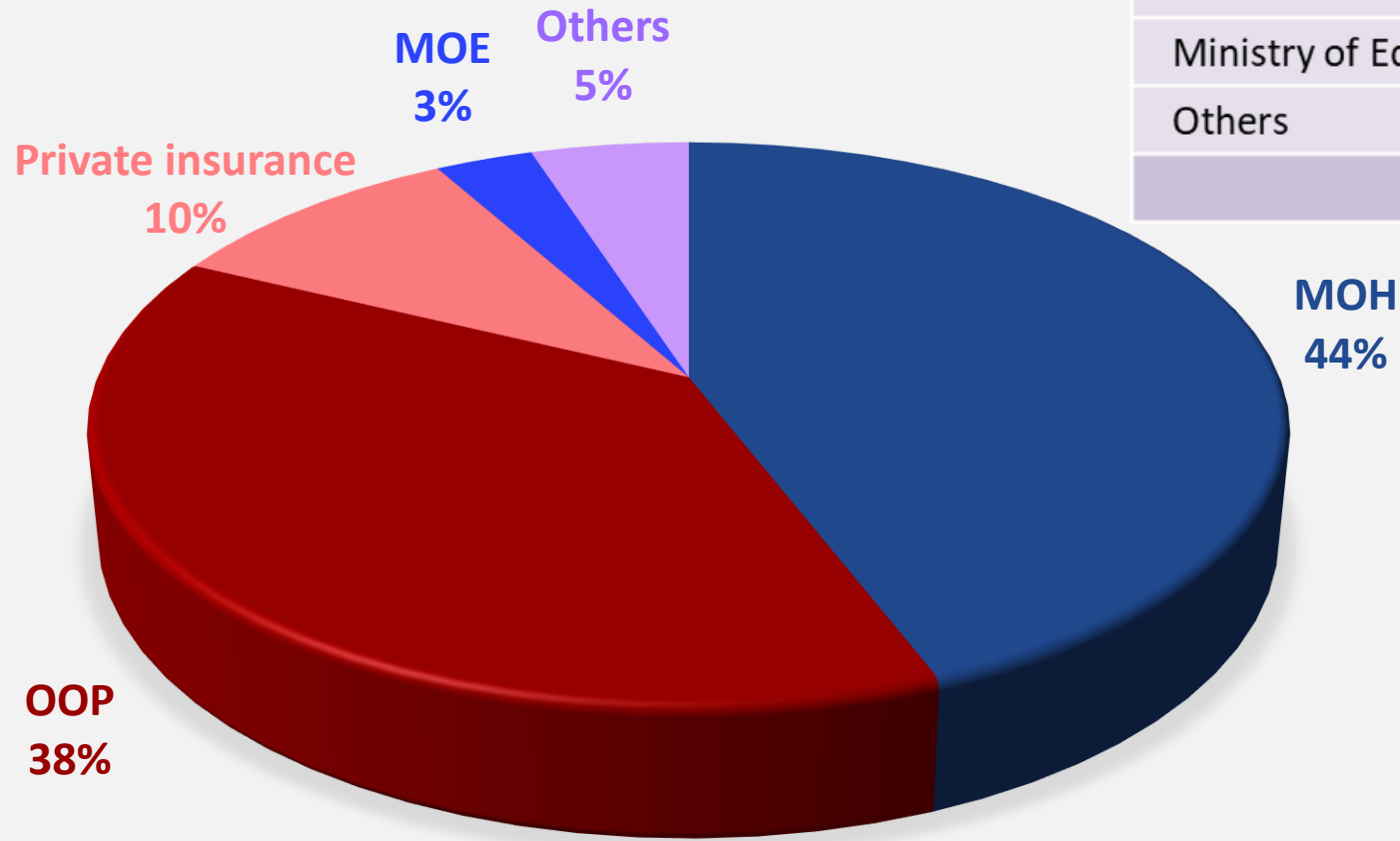
# TEH for Functions of Healthcare, 2020



Functions of Healthcare	2020	2019
	RM Million	RM Million
Curative care	<b>42,760</b>	44,268
Administration and health insurance	<b>5,873</b>	5,140
Prevention and public health	<b>4,990</b>	3,779
Capital Formation	<b>4,980</b>	2,644
Medical goods	<b>4,760</b>	4,818
Education and training	<b>3,105</b>	3,090
All Other Functions	<b>308</b>	352
Research & Development in Health	<b>246</b>	150
<b>TOTAL</b>	<b>67,022</b>	<b>64,241</b>

# Curative Care by Sources of Financing, 2020

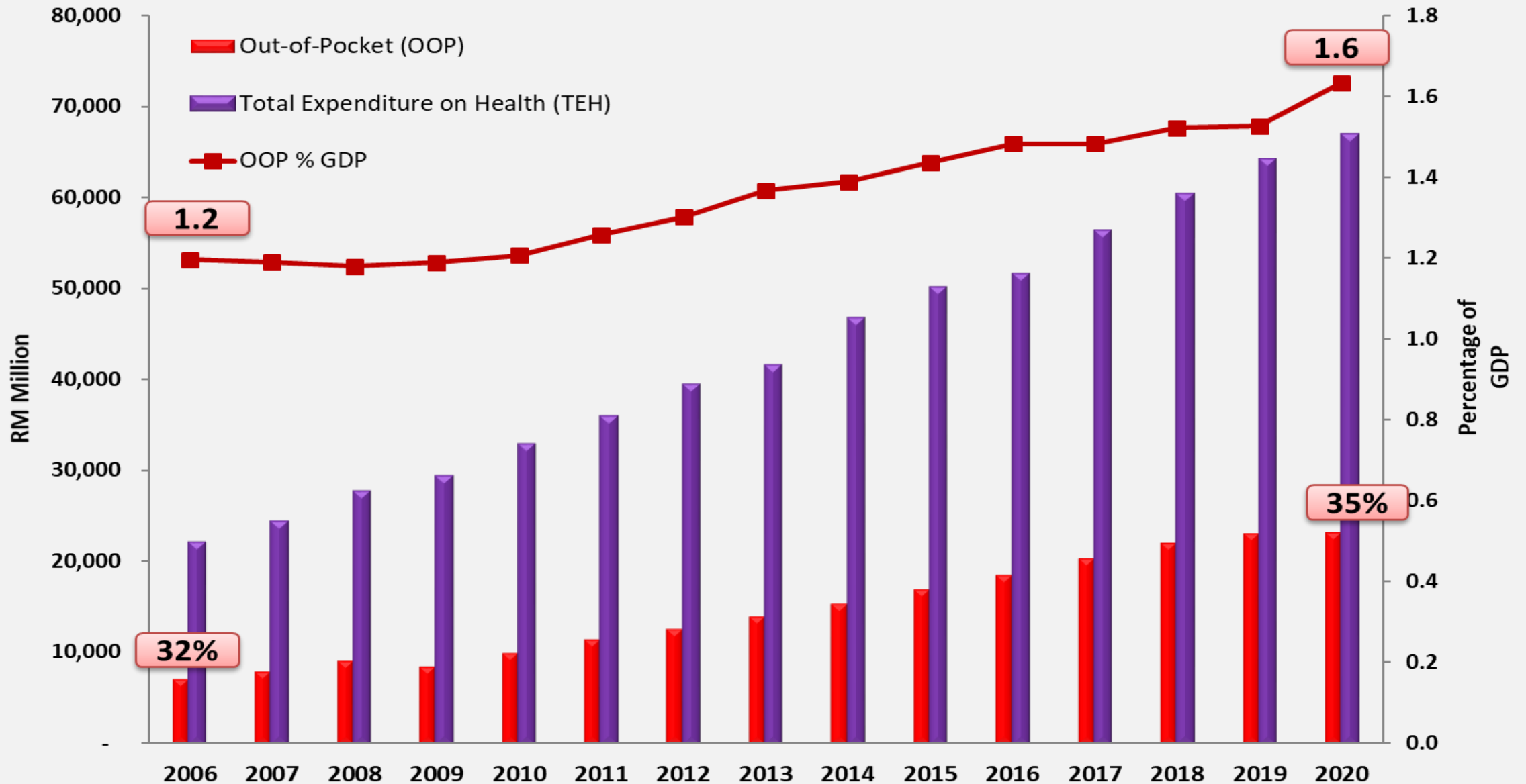
Sources of Financing for Curative Care	2020	2019
	RM Million	RM Million
Ministry of Health (MOH)	<b>18,882</b>	19,861
Out-of-pocket expenditures (OOP)	<b>16,264</b>	16,274
Private insurance	<b>4,146</b>	4,551
Ministry of Education (MOE)	<b>1,327</b>	1,240
Others	<b>2,140</b>	2,342
<b>TOTAL</b>	<b>42,760</b>	<b>44,268</b>





OOP EXPENDITURE

# OOP Share of TEH, 2006-2020

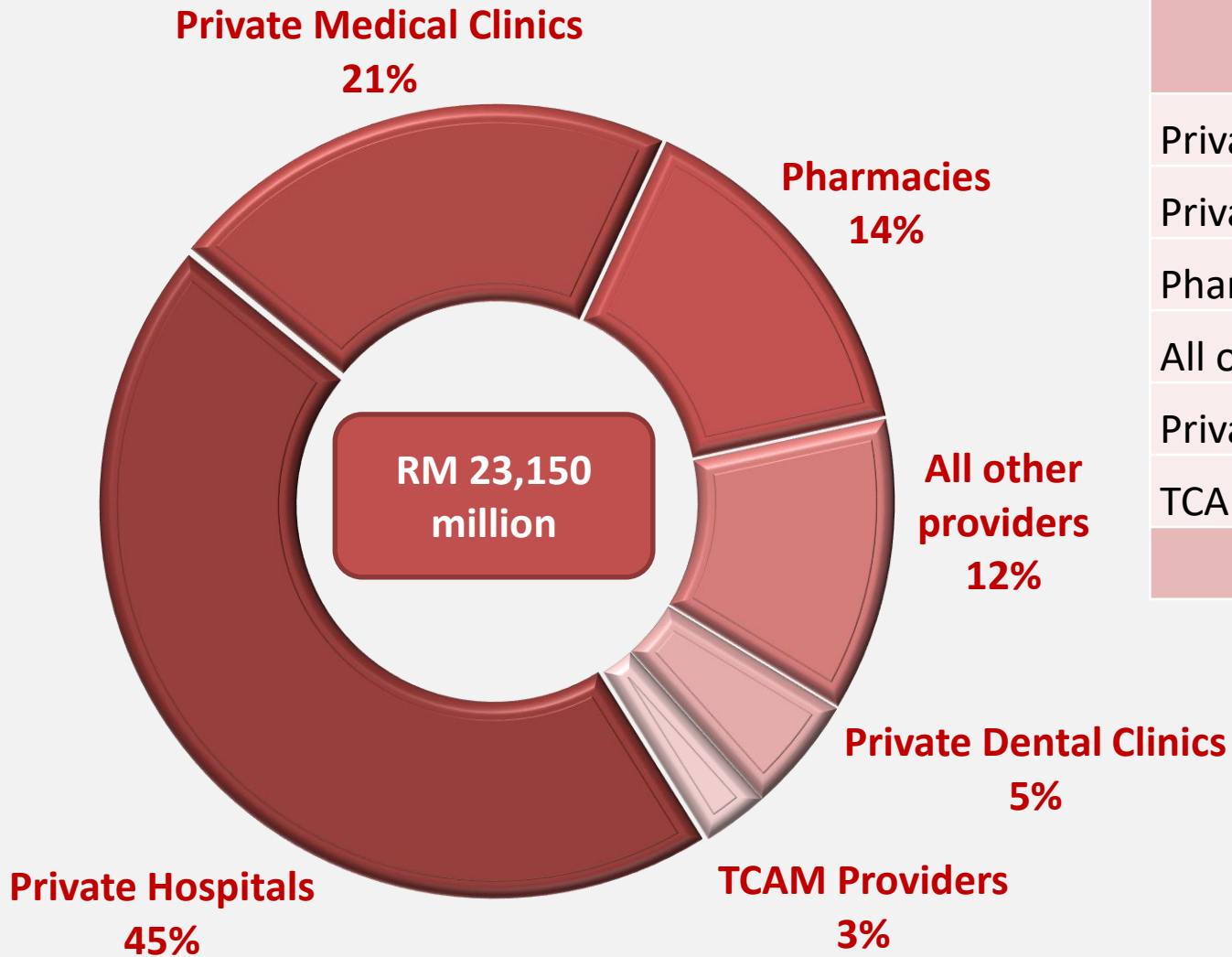




# OOP Share of TEH, 2006–2020

Year	OOP Health Expenditure (RM Million)	TEH (RM Million)	OOP as % TEH	OOP as % GDP
2006	7,141	22,080	32	1.2
2007	7,919	24,426	32	1.2
2008	9,084	27,774	33	1.2
2009	8,478	29,380	29	1.2
2010	9,917	32,889	30	1.2
2011	11,466	35,953	32	1.3
2012	12,649	39,448	32	1.3
2013	13,933	41,647	33	1.4
2014	15,373	46,780	33	1.4
2015	16,903	50,209	34	1.4
2016	18,536	51,693	36	1.5
2017	20,357	56,369	36	1.5
2018	22,035	60,445	36	1.5
2019	23,115	64,241	36	1.5
<b>2020</b>	<b>23,150</b>	<b>67,022</b>	<b>35</b>	<b>1.6</b>

# OOP Expenditure to Providers of Healthcare, 2020



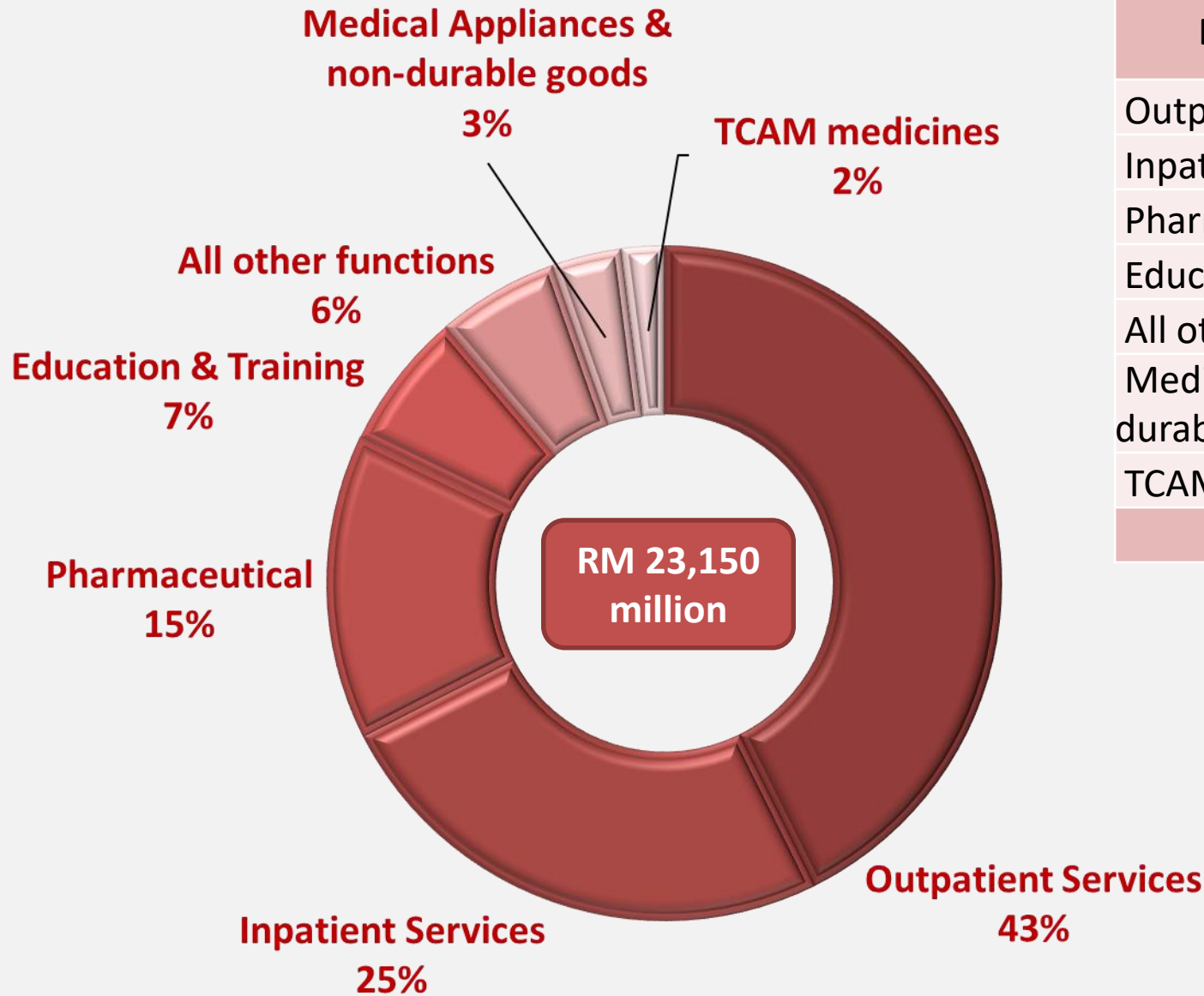
Providers of Health Care	2020	2019
	RM Million	RM Million
Private Hospitals	10,374	10,257
Private Medical Clinics	4,865	5,030
Pharmacies	3,393	3,293
All other providers	2,794	2,710
Private Dental Clinics	1,098	1,157
TCAM Providers	626	667
<b>Total</b>	<b>23,150</b>	<b>23,115</b>

# OOP Expenditure to Providers of Healthcare, 2006–2020

(RM Million)

Year	Private Hospitals	Private Medical Clinics	Pharmacies	TCAM Providers	Private Dental Clinics	All other providers	Total
<b>2006</b>	2,964	2,096	755	240	288	798	<b>7,141</b>
<b>2007</b>	3,290	2,315	871	277	296	871	<b>7,919</b>
<b>2008</b>	4,319	2,152	943	333	371	967	<b>9,084</b>
<b>2009</b>	4,230	1,375	1,075	319	364	1,115	<b>8,478</b>
<b>2010</b>	4,814	1,725	1,144	361	451	1,421	<b>9,917</b>
<b>2011</b>	5,359	2,272	1,407	394	509	1,526	<b>11,466</b>
<b>2012</b>	5,613	2,654	1,580	412	560	1,830	<b>12,649</b>
<b>2013</b>	5,736	3,055	1,842	424	592	2,284	<b>13,933</b>
<b>2014</b>	6,034	3,767	2,360	452	646	2,115	<b>15,373</b>
<b>2015</b>	6,921	3,651	2,626	534	855	2,316	<b>16,903</b>
<b>2016</b>	7,619	4,052	2,750	624	920	2,570	<b>18,536</b>
<b>2017</b>	8,695	4,431	2,923	658	1,022	2,627	<b>20,357</b>
<b>2018</b>	9,375	4,556	3,735	667	1,091	2,612	<b>22,035</b>
<b>2019</b>	10,257	5,030	3,293	667	1,157	2,710	<b>23,115</b>
<b>2020</b>	<b>10,374</b>	<b>4,865</b>	<b>3,393</b>	<b>626</b>	<b>1,098</b>	<b>2,794</b>	<b>23,150</b>

# OOP Expenditure for Functions of Healthcare, 2020

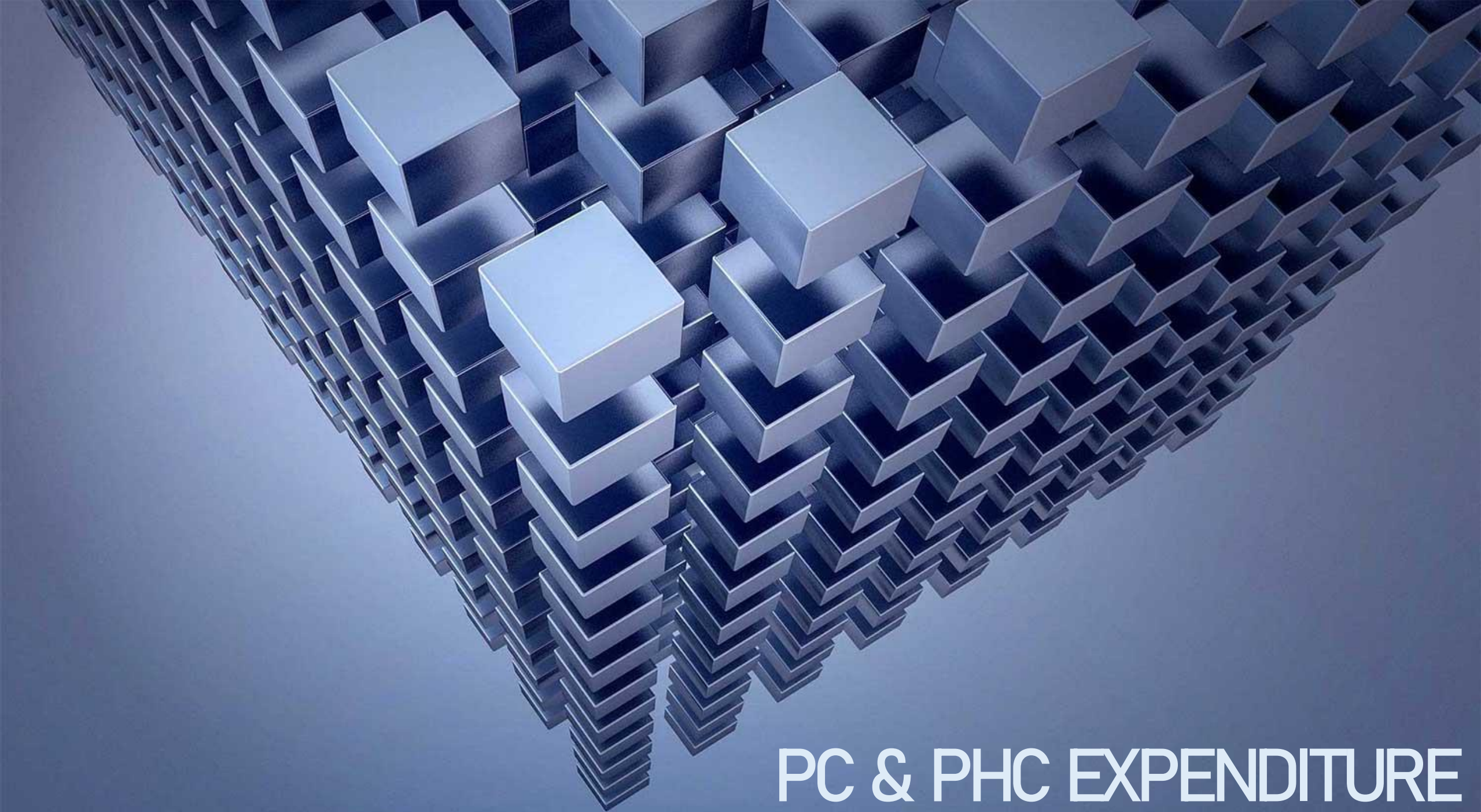


Functions of Health Care	2020	2019
	RM Million	RM Million
Outpatient Services	9,876	10,226
Inpatient Services	5,756	5,348
Pharmaceutical	3,393	3,293
Education & Training	1,528	1,482
All other functions	1,349	1,435
Medical Appliances & non-durable goods	773	824
TCAM medicines	475	507
<b>Total</b>	<b>23,150</b>	<b>23,115</b>

# OOP Expenditure for Functions of Healthcare, 2006–2020

(RM Million)

Year	Outpatient Services	Inpatient Services	Pharmaceutical	Medical Appliances & Non-durable goods	TCAM medicines	Education & Training	All other functions	TOTAL
<b>2006</b>	3,642	1,685	755	244	180	284	350	<b>7,141</b>
<b>2007</b>	4,039	1,833	871	273	209	309	385	<b>7,919</b>
<b>2008</b>	4,303	2,371	943	334	253	316	564	<b>9,084</b>
<b>2009</b>	3,637	2,250	1,075	322	244	504	446	<b>8,478</b>
<b>2010</b>	4,339	2,525	1,144	360	275	736	538	<b>9,917</b>
<b>2011</b>	5,145	2,786	1,407	384	298	789	657	<b>11,466</b>
<b>2012</b>	5,709	2,831	1,580	394	310	1,066	760	<b>12,649</b>
<b>2013</b>	6,206	2,976	1,842	398	317	1,424	770	<b>13,933</b>
<b>2014</b>	7,067	3,056	2,360	413	335	1,244	898	<b>15,373</b>
<b>2015</b>	7,375	3,584	2,626	599	407	1,325	987	<b>16,903</b>
<b>2016</b>	8,121	3,988	2,750	712	489	1,428	1,048	<b>18,536</b>
<b>2017</b>	8,882	4,588	2,923	771	513	1,454	1,225	<b>20,357</b>
<b>2018</b>	9,373	4,822	3,735	801	513	1,454	1,337	<b>22,035</b>
<b>2019</b>	10,226	5,348	3,293	824	507	1,482	1,435	<b>23,115</b>
<b>2020</b>	<b>9,876</b>	<b>5,756</b>	<b>3,393</b>	<b>773</b>	<b>475</b>	<b>1,528</b>	<b>1,349</b>	<b>23,150</b>



# PC & PHC EXPENDITURE

# Primary Care & Primary Health Care



## PRIMARY HEALTH CARE

- Encompasses broader determinants of health.
- Beyond providing health care services to individual.
- Includes prevention and empowering efforts at community level.



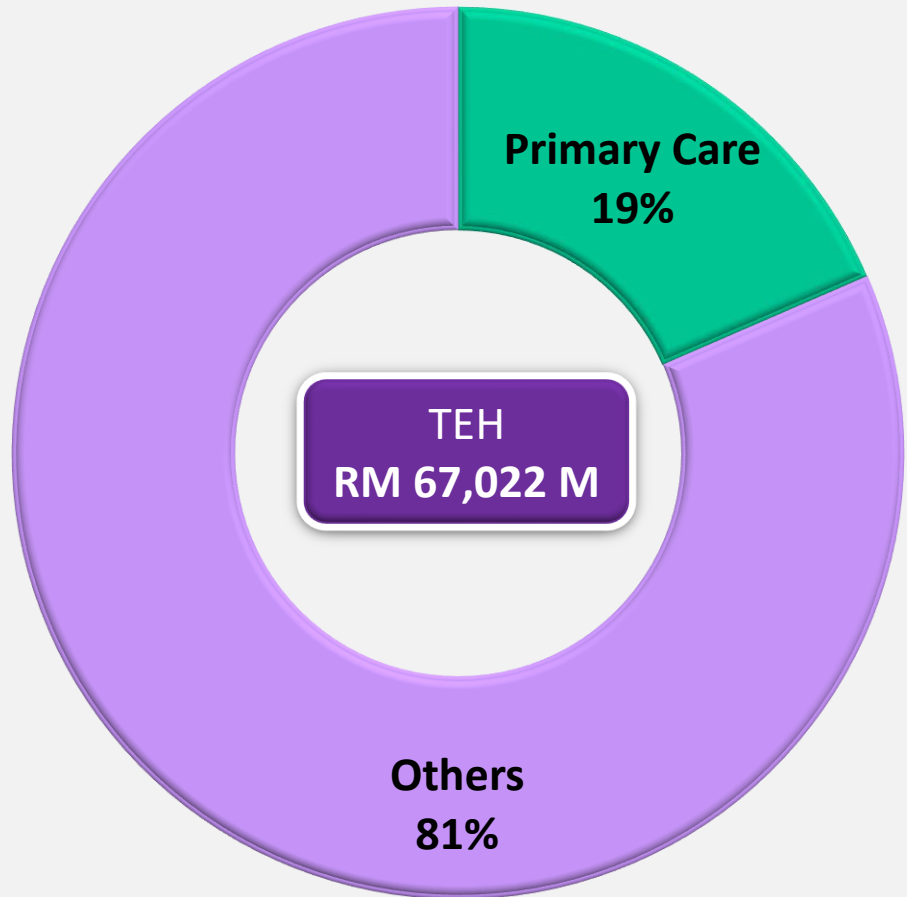
## PRIMARY CARE

- Gate keeper and a key provider process in the health-care system.
- First point of contact, easily accessible at the time of need.
- Providing continued, comprehensive and coordinated care.

- SHA 2011 and MNHA Framework does not propose a readymade classification for PHC.
- Several discussions (Family Health Division, NHF Section, Harvard Team and MNHA) to define & identify relevant MNHA codes for data extraction- the boundaries or relevant codes were finalized and data for PC and PHC was extracted for national use.

# Primary Care (PC) Expenditure, 2020

RM 12,400 M

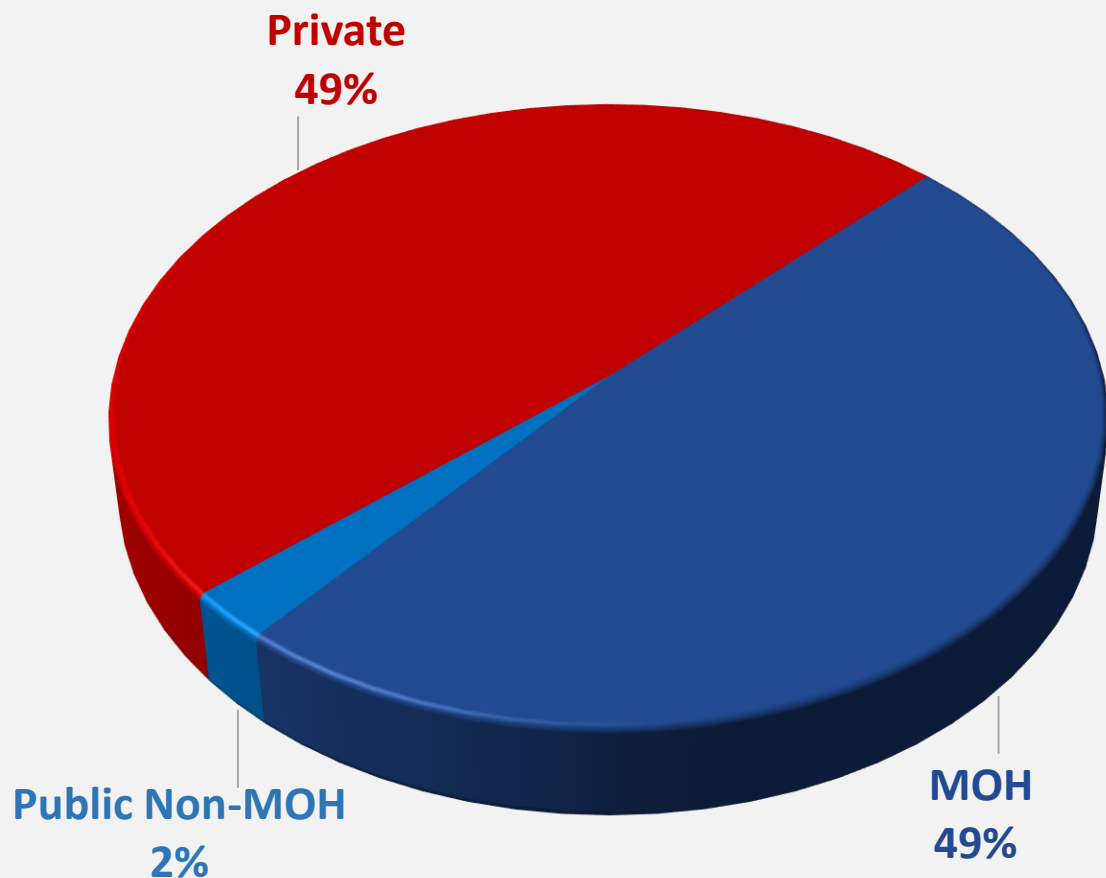


RM 54,622 M

<b>FUNCTIONS OF HEALTHCARE, 2020</b>	<b>RM Million</b>
Basic medical and diagnostic services	8,644
Dental outpatient curative care	1,371
Maternal and child health, family planning and counselling	1,681
Medical school health services	278
Dental school health services	426
<b>TOTAL PC EXPENDITURE</b>	<b>12,400</b>

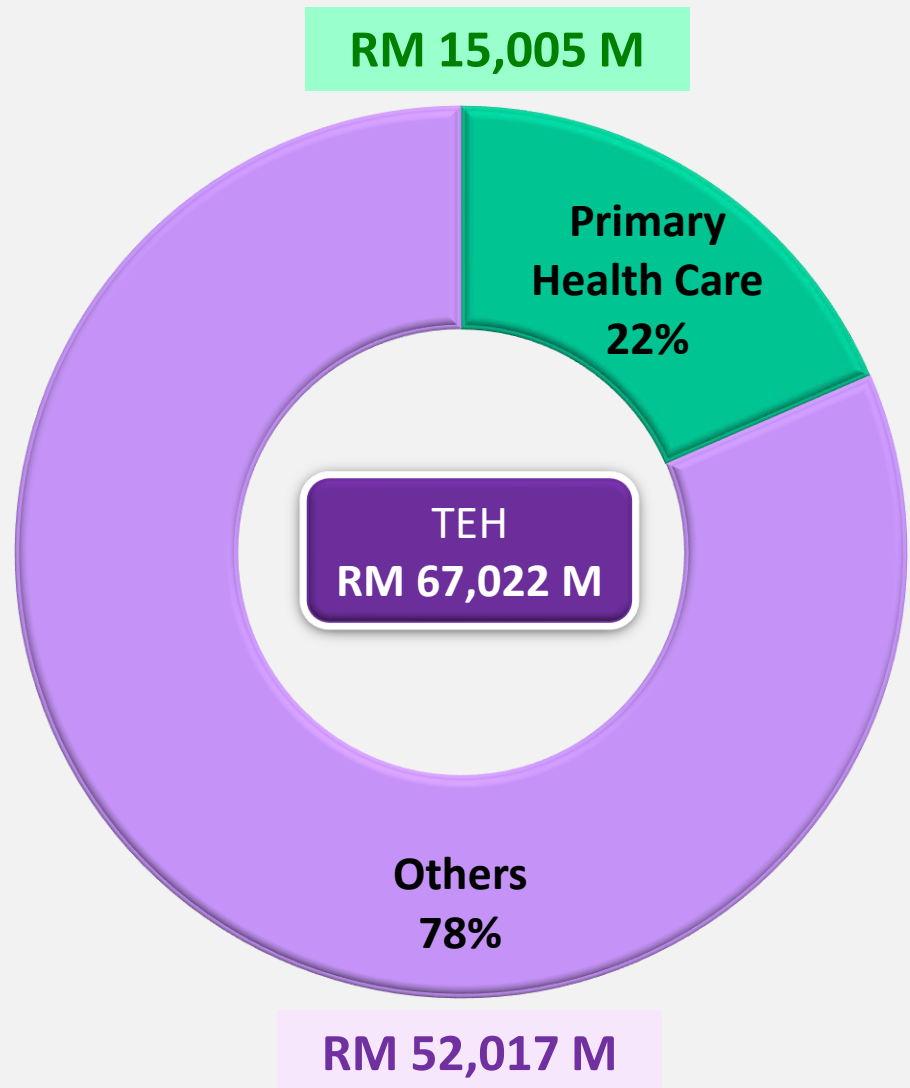


# PC Expenditure by Sources of Financing, 2020



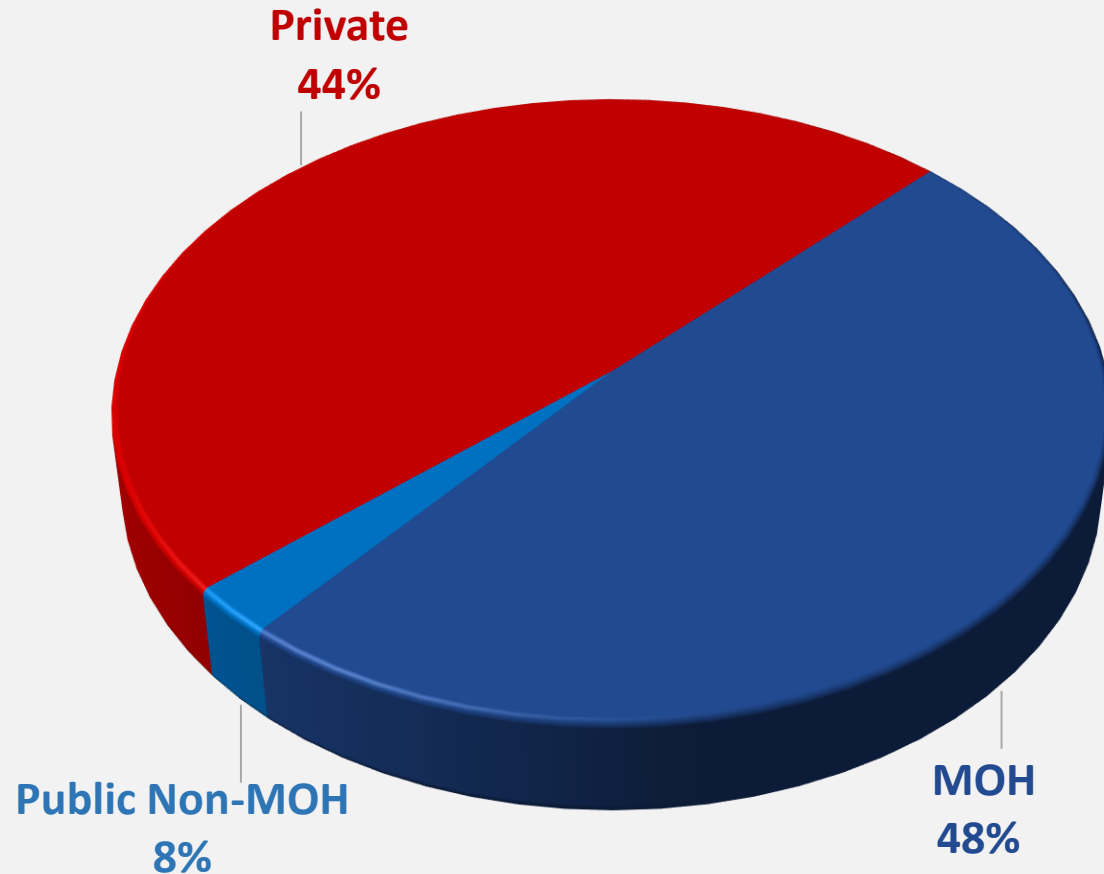
SOURCES OF FINANCING, 2020	RM Million
Ministry of Health (MOH)	6,039
Public Non-MOH	316
Private	6,045
<b>TOTAL PC EXPENDITURE</b>	<b>12,400</b>
	<b>(19% of TEH)</b>

# Primary Health Care (PHC) Expenditure, 2020

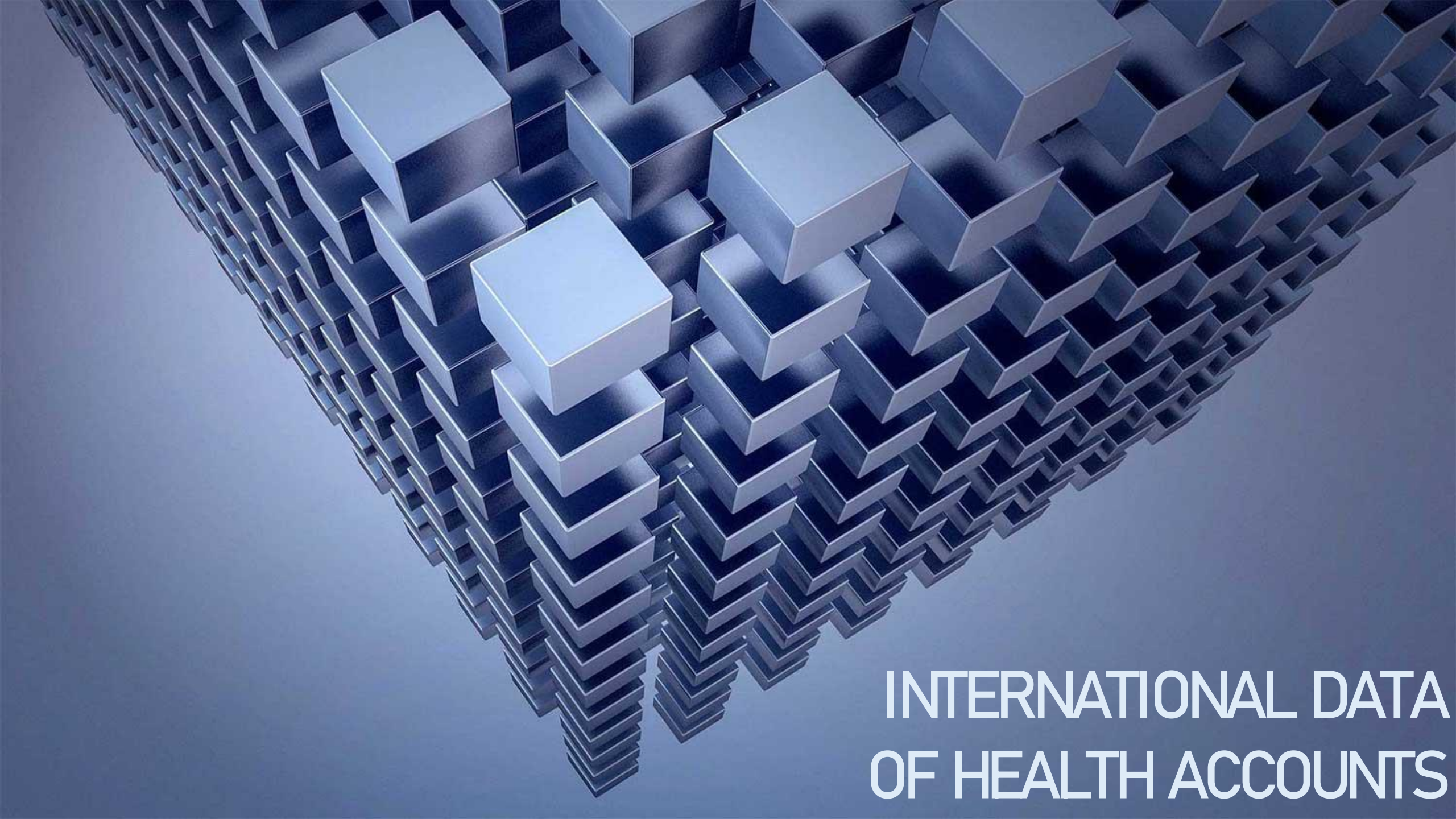


FUNCTIONS OF HEALTHCARE, 2020	RM Million
Basic medical and diagnostic services	8,644
Maternal and child health, family planning and counselling	1,692
Dental outpatient curative care	1,371
Communicable diseases : All other preventive programs	1,287
Occupational health care	602
Dental school health services	426
Food safety & drinking water quality control	305
Medical school health services	278
Communicable diseases : Vector-borne disease programs	265
Communicable diseases : HIV/AIDS disease programs	77
Non-Communicable diseases	34
Health Education : Communicable diseases	15
Health Education : Non-Communicable diseases	9
<b>TOTAL PHC EXPENDITURE</b>	<b>15,005</b>

# PHC Expenditure by Sources of Financing, 2020



SOURCES OF FINANCING, 2020	RM Million
Ministry of Health (MOH)	7,230
Public Non-MOH	1,179
Private	6,596
<b>TOTAL PC EXPENDITURE</b>	<b>15,005</b>
	<b>(22% of TEH)</b>



# INTERNATIONAL DATA OF HEALTH ACCOUNTS

# Introduction – SHA 2011



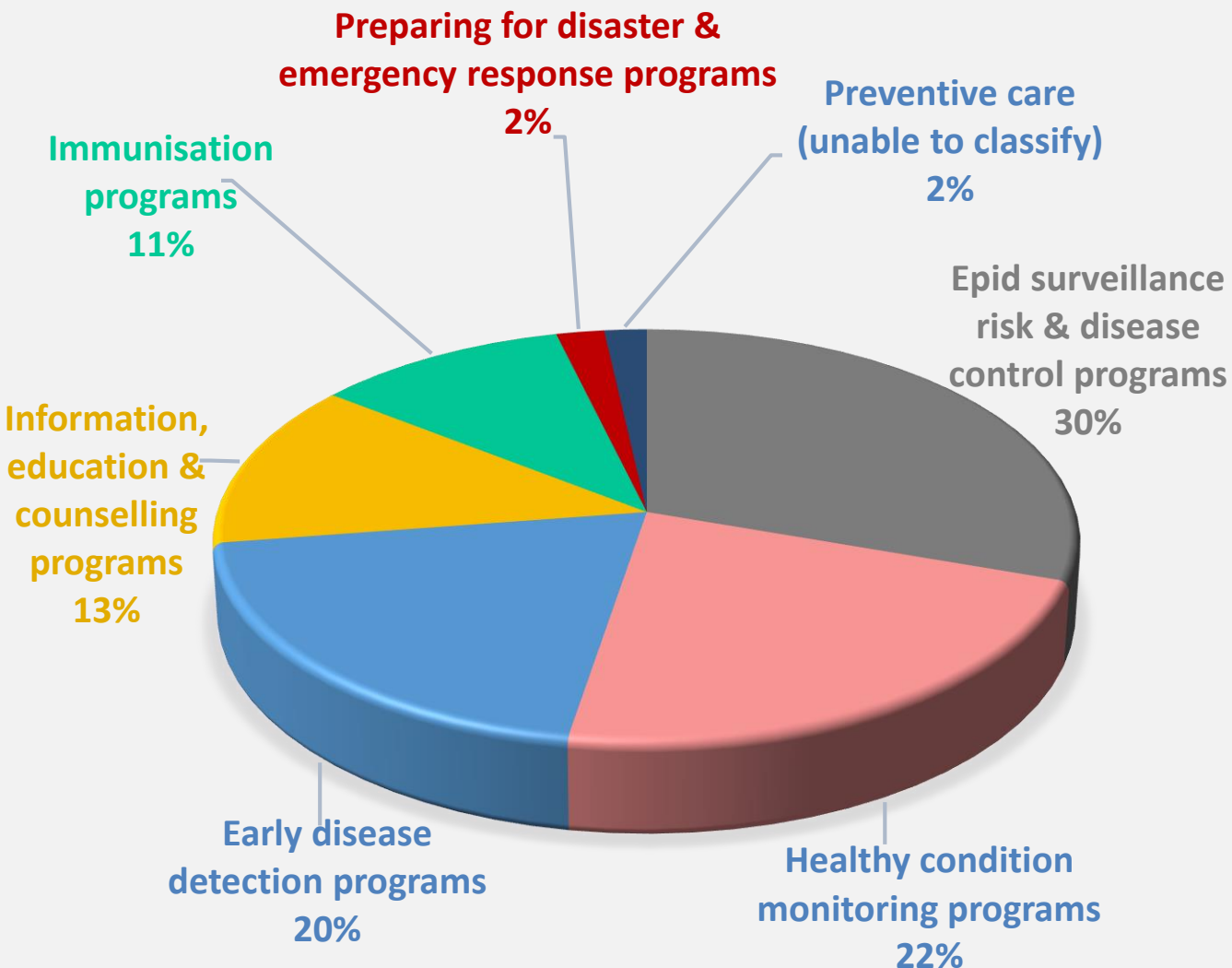
## SHA 2011 Framework

- Internationally recognized methodology
- Tracks all health spending in a given country over a defined period of time
- Ensures comparability of health expenditure across countries and over time

### PURPOSE:

- To provide a framework for international comparisons of health expenditures and health systems analysis using harmonized boundaries
- To provide a tool, expandable by any country, which can produce useful data in the monitoring and analysis of the health system

# Preventive Care Functions, 2020



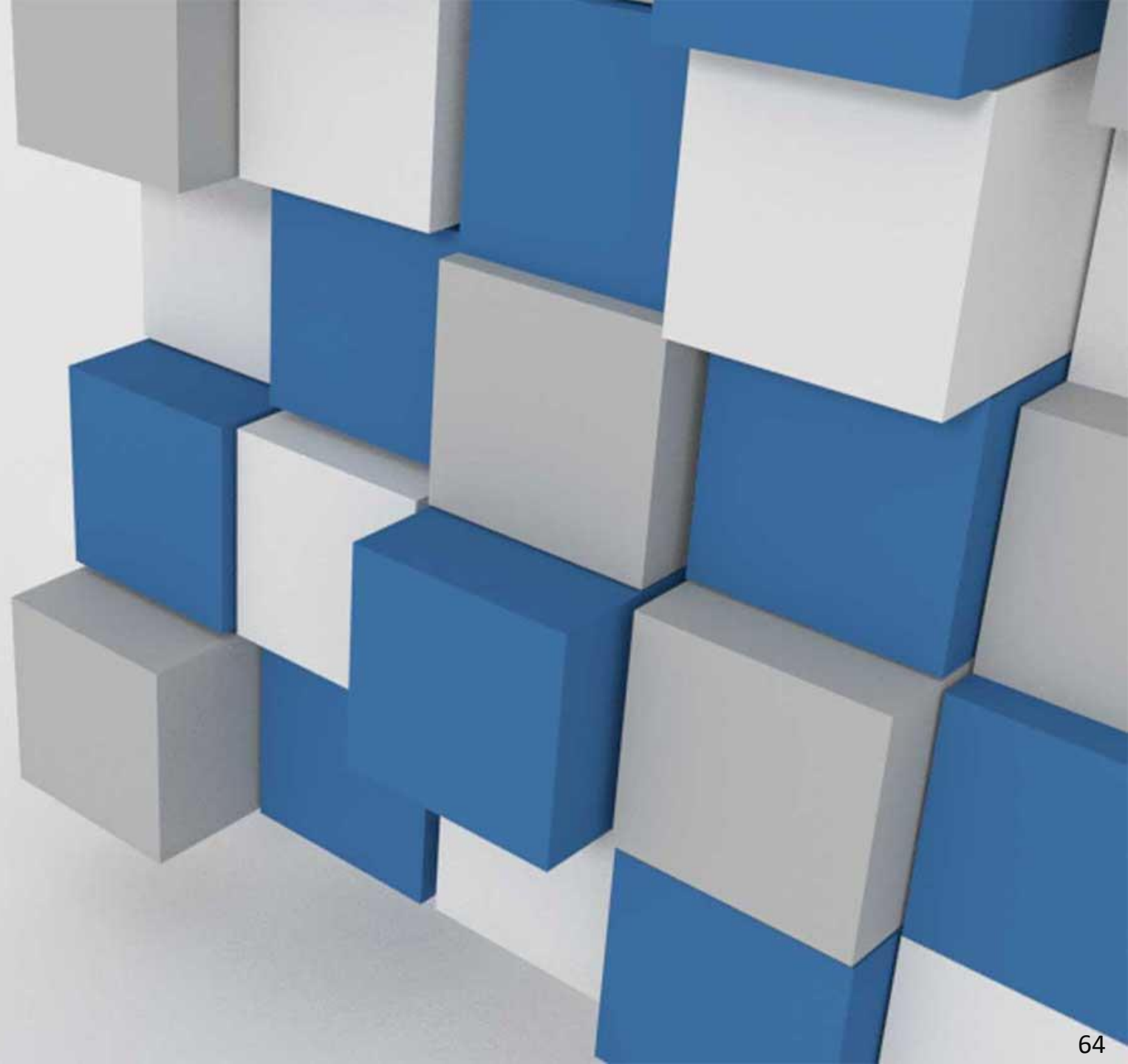
PREVENTIVE CARE FUNCTION SUB-CLASSIFICATIONS	2020	2019
	RM Million	RM Million
Epidemiological surveillance risk & disease control programs	<b>1,432</b>	709
Healthy condition monitoring programs	<b>1,055</b>	1,247
Early disease detection programs	<b>945</b>	676
Information, education & counselling programs	<b>612</b>	639
Immunisation programs	<b>503</b>	239
Preparing for disaster & emergency response programs	<b>95</b>	0
Preventive care (unable to subclassify)	<b>84</b>	0
<b>Total</b>	<b>4,727</b>	<b>3,509</b>

# Revenues of Health Care Financing Schemes, 2020

REVENUES OF HF	2020		2019	
	RM Million	Percentage	RM Million	Percentage
Revenues from MOF to other government agencies -MOH, MOD, MOE	30,421	52.10	30,006	51.70
Revenues from households/OOP	20,970	35.90	20,948	36.10
Prepayments to insurance from individuals/ households	2,492	4.30	2,460	4.20
Prepayments to insurance from employers	2,445	4.20	2,415	4.20
Revenues from corporations	1,506	2.60	1,694	2.90
Employers contributions to SOCSO	313	<1	306	<1
Employees contributions to SOCSO	89	<1	87	<1
Employers compulsory prepayment to EPF	43	<1	45	<1
Employees compulsory prepayment to EPF	35	<1	38	<1
Revenues from NGO	106	<1	89	<1
Revenues from foreign origin	7	<1	0	0
<b>TOTAL</b>	<b>58,427</b>	<b>100</b>	<b>58,088</b>	<b>100</b>

# WHO-GHED

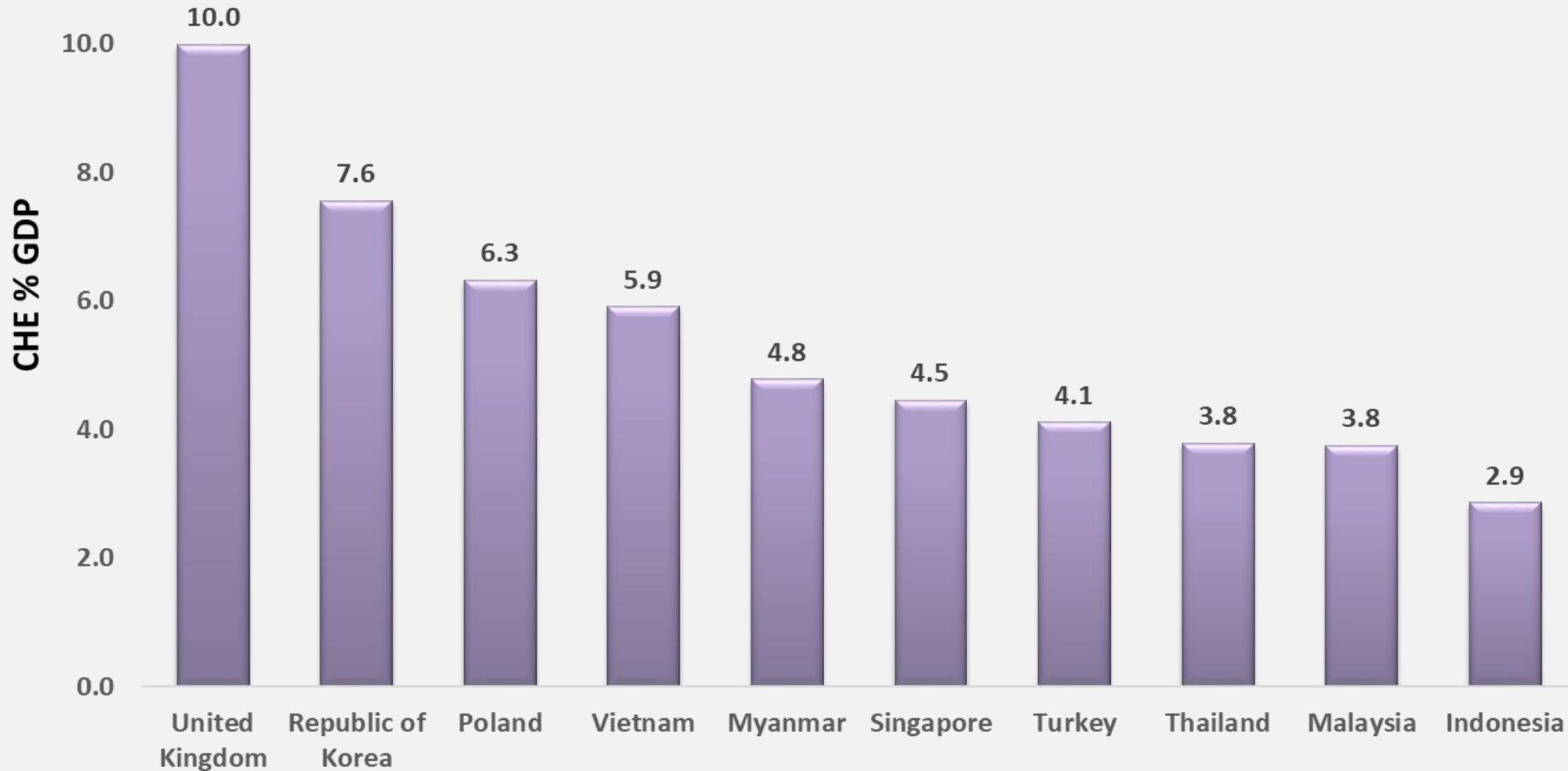
- Malaysia submits data to GHED annually based on SHA framework.
- WHO uploads NHA data onto GHED database as the international health expenditure data of the member countries.
- These WHO estimations for member countries allow standardization in NHA reporting and ensure better cross-country comparability.
- It is important to recognize that every member country, like Malaysia, may produce their own NHA reporting based on local needs.
- As such MNHA Framework with slightly different boundaries of definitions is more important in the Malaysian context especially for policy makers, health planners, researchers and other interested parties.





# CHE as % of GDP, 2018

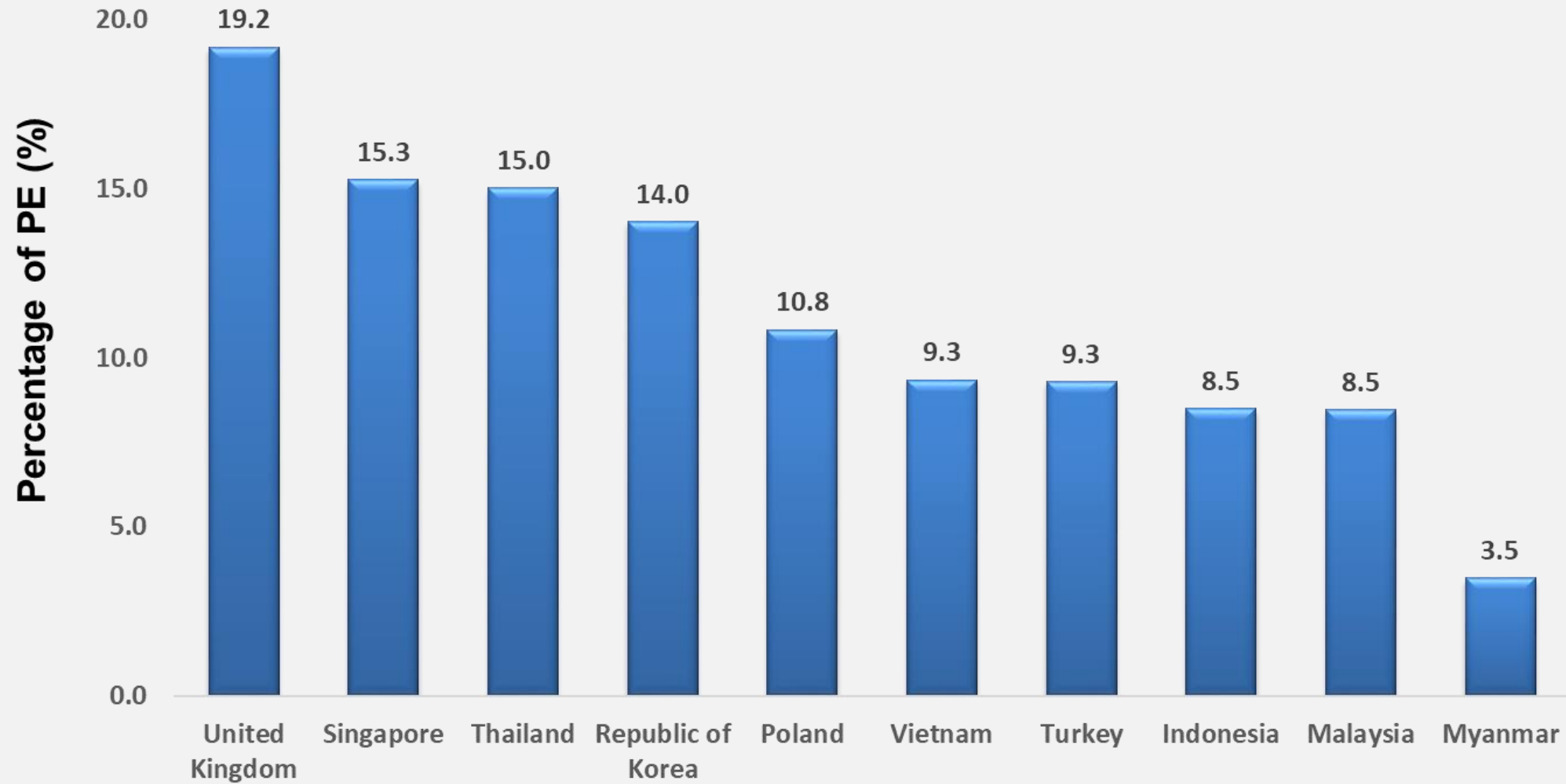
Selected Country Comparison\*



Source: \* International data from Global Health Expenditure Database, WHO NHA September 2021

# PSHE as % of PSE, 2018

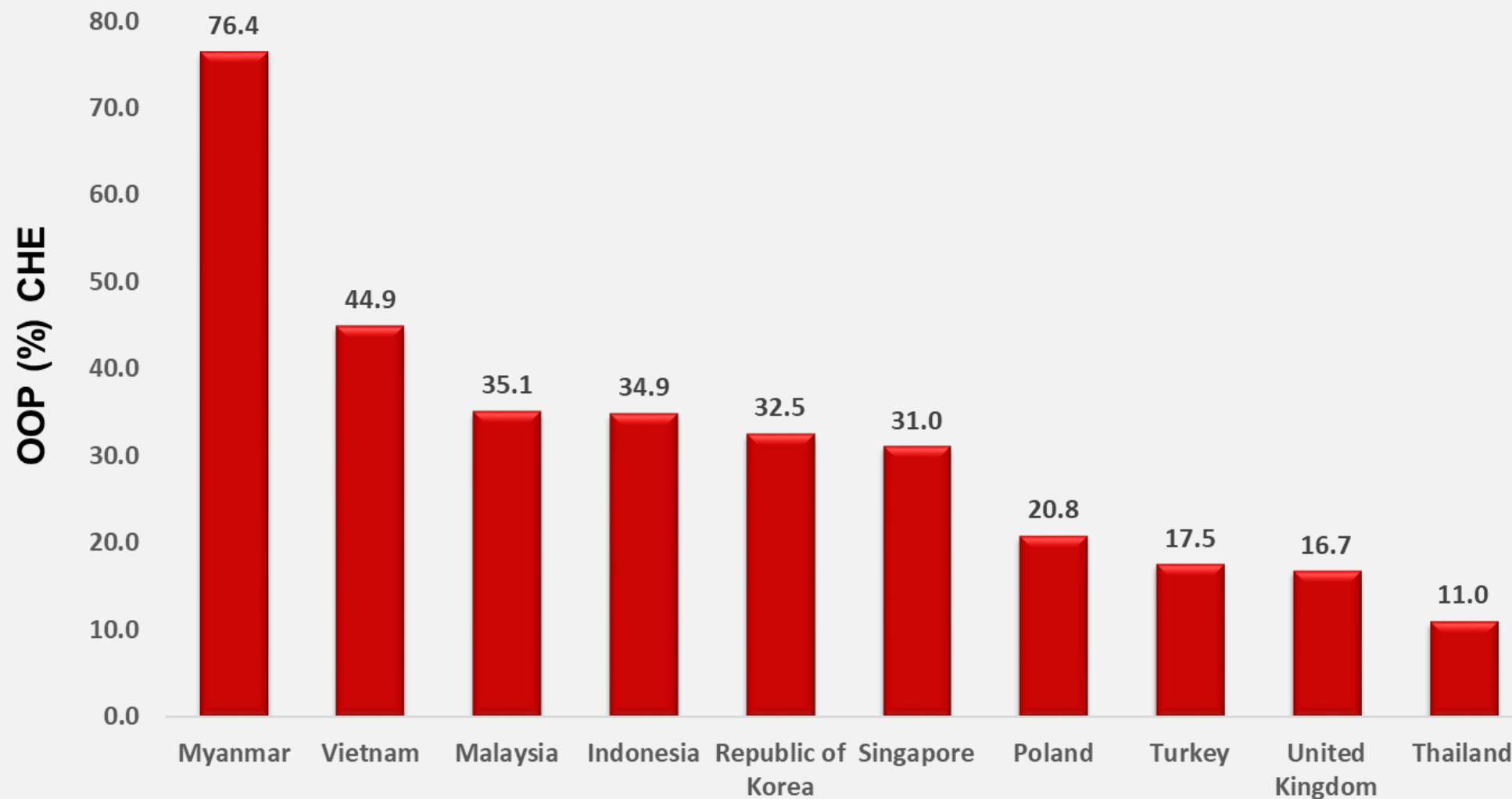
Selected Country Comparison\*



Source: \* International data from Global Health Expenditure Database, WHO NHA September 2021

# OOP Expenditure as % of CHE, 2018

Selected Country Comparison\*



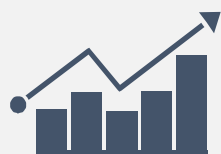
Source: \* International data from Global Health Expenditure Database, WHO NHA September 2021

# ✓ SUMMARY OF 2020

# TEH

Total Expenditure on Health

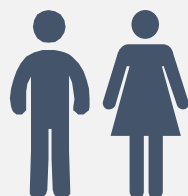
## RM67,022m



### TEH as % of GDP

Total Expenditure on Health as percentage of Gross Domestic Product

## 4.7 %



### TEH Per-Capita

Total Expenditure on Health per capita

## RM2,057



### OOP % of TEH

Out of pocket percentage per Total Expenditure on Health

## 35%

### Who paid for it?

SOURCE

Public  
**54.6%**  
RM36,612 million

**MOH 46.1%**

Other Government Agencies

Private  
**45.4%**

**OOP 35.1%**

Other Private Agencies

### Where was it spent?

PROVIDER

Hospital  
**(54%)**  
RM35,927 million

**MOH+ Non-MOH 59.5%**

Private 40.5%

Ambulatory Provider

Other Providers

### What was it spent on?

FUNCTION

Curative Care  
**(64%)**  
RM42,760 million

**Inpatient 49%**

**Outpatient 44%**

**Daycare 7%**

Other Function

\* All the percentages stated in lower boxes are % of TEH

# ✓ SUMMARY OF 2020

TEH	RM67,022 million
CHE	RM58,427 million
TEH as % of GDP	4.7%
CHE as % of GDP	4.1%
Per Capita Expenditure on Health as constant value	RM2,057
TEH by Public Sources of Financing	RM36,612 million or 54.6% of TEH
TEH by Private Sources of Financing	RM30,409 million or 45.4% of TEH
MOH expenditure on Health	RM30,883 million or 46.1% of TEH
All hospitals expenditure on health was highest for TEH by Providers of Healthcare	RM35,927 million or 54% of TEH
Curative care services expenditure on health was highest for TEH by Functions of Healthcare	RM42,760 million or 64% of TEH
Private household out-of-pocket expenditures (OOP)	RM23,150 million or 35% of TEH
OOP expenditure was highest at private hospitals for OOP by Providers of Healthcare	RM10,374 million or 45% of total OOP expenditure
OOP expenditure was highest for outpatients service for OOP by Functions of Healthcare	RM9,876 million or 43% of total OOP expenditure



**THANK YOU**