

OVERVIEW & 10 COUNTRY SUMMARY







JLN EFFICIENCY COLLABORATIVE SYSTEMATIC PRIORITY SETTING STREAM HEPRA DISCLAIMER

This Summary was produced by the Joint Learning Network for Universal Health Coverage (JLN), an innovative learning platform where practitioners and policymakers from around the globe co-develop global knowledge that focuses on the practical "how-to" of achieving universal health coverage. For questions or inquiries about this Tool and Database or about other JLN activities, please contact the JLN at <u>JLN@worldbank.org</u>.

The findings, interpretations, and conclusions expressed in this work do not necessarily reflect the views of The World Bank, its Board of Executive Directors, or the governments they represent. The World Bank does not guarantee the accuracy of the data included in this work. The boundaries, colors, denominations, and other information shown on any map in this work do not imply any judgment on the part of The World Bank concerning the legal status of any territory or the endorsement or acceptance of such boundaries. Nothing herein shall constitute or be considered to be a limitation upon or waiver of the privileges and immunities of The World Bank, all of which are specifically reserved.

The findings, interpretations, and conclusions made by country contributors do not necessarily reflect the views of the organization, institutions or governments they represent.

RIGHTS AND PERMISSIONS

This work is licensed under the Creative Commons Attribution-ShareAlike 4.0 International License (CC BY-SA 4.0). To view a copy of this license, visit https://creativecommons.org/licenses/by-sa/4.0/legalcode. The content in this document may be freely used and adapted in accordance with this license, provided it is accompanied by the following attribution:

Health Priority Setting and Resource Allocation Benchmarking, Overview and 10 Country Summary, 2020 Copyright © 2020 Joint Learning Network for Universal Health Coverage, International Decision Support Initiative (iDSI), The World Bank Group.

Product and company names mentioned herein may be the trademarks of their respective owners.

SUGGESTED CITATION

Bloom, D., Ahluwalia, N., Hashiguchi, L., eds. *Health Priority Setting and Resource Allocation Benchmarking, Overview and 10 Country Summary.* Joint Learning Network for Universal Health Coverage, 2020

TABLE OF CONTENTS

RESC BENC	TH PRIORITY SETTING AND DURCE ALLOCATION (HEPRA) CHMARKING TOOL AND BASE OVERVIEW	3
(GOALS 0	4
ı	METHODS o	5
	KEY TERMS o	7
HEPI	RA AT A GLANCE	8
HEPI	RA COUNTRY HEALTH EXPENDITURE TRENDS	9
PART	1: PRIORITIZATION	0
PART	2: RESOURCE ALLOCATION	11
Visu	ALIZATIONS1	2
	PART 1: PRIORITIZATION	2
	PART 2: RESOURCE ALLOCATION	4

INDIVIDUAL COUNTRY SUMMARIES

BANGLADESH [BGD]
© ETHIOPIA [ETH]
☼ GHANA [GHA]
● INDONESIA [IDN]
● KENYA [KEN]
MALAYSIA [MYS]4
MONGOLIA [MNG]5
NIGERIA [NGA]
PHILIPPINES [PHL]
VIETNAM [VNM]
ANNEXES
ANNEX A: HEPRA TOOL AT A GLANCE
ANNEX B: HEPRA BENCHMARKING TOOL 78
LIST OF DEEPDENCES







HEPRA ACKNOWLEDGEMENTS

The Health Priority Setting and Resource Allocation (HePRA) Benchmarking Tool and Database has been co-produced with the following country members of the JLN Efficiency Collaborative, and facilitated by the Joint Learning Network's Efficiency Collaborative technical team.

Technical Editors

Danielle Bloom. The World Bank Naina Ahluwalia, The World Bank Lauren Oliveira Hashiguchi, The World Bank

Country Contributors

Bangladesh Ayesha Afroz Chowdhury, Ministry of Health & Family Welfare Subrata Paul, Ministry of Health & Family Welfare Ethiopia Mideksa Adugna, Oromiya Regional Health Bureau Ghana Kwabena Boakye Boateng, Ghana Health Services Kwakye Kontor, Ministry of Health Vivian Addo-Cobbiah. National Health Insurance Authority Kavita Singh, Ministry of India Health and Family Welfare Ahmad Ansvori. Council of Indonesia

Eka Yoshida, Ministry of Health Pandu Harimurti. The World Bank Kenneth Munge, KEMRI Wellcome Kenya Trust Research Programme Cyrus Matheka, Transforming Health

Systems for Universal Care Project, Makueni County

National Social Security (DJSN)

Ndiang'ui Joseph Githinji, Afya Watch Institute

Esther Wabuge, JLN Country Core Group Coordinator

Abdul Hakim Bin Abdul Rashid. Malaysia

Ministry of Health

Lee Kun Yun, Ministry of Health Nor Izzah binti Hj. Ahmad Shauki, Ministry of Health Yussni Binti Aris A. Haris, Ministry of Health

B. Munkhtsetseg, Ministry of Health Mongolia Nigeria Bolaji Aduagba,

> Federal Ministry of Health Kayode A. Obasa, Ministry of Budget and National Planning

Nneka Orji, Federal Ministry of Health

Philippines Andrea Margreth S. Ora-Corachea,

Department of Health Lavinia A. Oliveros. Department of Health Martha de la Paz. Department of Health Paulus Magnus Bacud, PhilHealth Nguyen Khanh Phuong, Health

Strategy and Policy Institute

Other country contributors to the HePRA Database include:

Vietnam

Md. Abul Bashar Sarker, Md. Anwar Sadat and Md. Sarwar Bari from Bangladesh; Genet Mulugeta Hirpesa, Eyerusalem Animut and Tseganeh Guracha, from Ethiopia; Daniel Adin Darko, Emmanuel Ankrah Odame, Ernest Asiedu Konadu and Titus Sorey from Ghana; Alok Saxena and B K Datta from India; Alice Wangui, Anne Musuva, Andrew Mulwa, Cyrus Matheka, Isabel Maina and Joseph Githinji from Kenya; Mohammad Najib Bin Baharuddin, Noraryana Bt Hassan from Malaysia; A. Khishigbayar, Bayanjargal Ganbol, L. Munkhzul and Ts. Tsolmongerel from Mongolia; Okechukwu Okwudili, Oritseweyimi Ogbe, Shamsudeen Saad and Uchenna Eugenes Ewelike from Nigeria; Arturo Alcantara and Israel Pargas from the Philippines; Nguyen Lan Huong from Vietnam

The Revisiting Health Financing Technical Initiative team would like to thank the Country Core Groups across JLN countries, as well as the JLN Steering Group for its continued support to Leveraging existing resources for health, i.e. 'Efficiency' as a very high technical priority for the JLN. Management Sciences for Health (MSH), the JLN Network Manager deserves a big thanks for providing continued support for this work and a very valuable external perspective.

Valuable contributions and technical guidance at all stages of this collaborative, from conceptualization to final product reviews, were provided by the Health Financing Global Solutions Area under the leadership of Christoph Kurowski and other members of the World Bank HNP Leadership team. The technical facilitation team wishes to express a special thanks to David Wilson for graciously chairing an extensive peer review process and for the contributions of Hélène Barroy from the World Health Organization (WHO), Hideki Hagashi and Sarah Alkenbrack from the World Bank as peer reviewers who generously spent time and effort in thoroughly and thoughtfully reviewing, commenting on and fine-tuning HePRA's purpose, scope, content and presentation.

The HePRA Benchmarking Tool and Database could not have been co-produced without the financial cooperation of the Government of Japan, The Rockefeller Foundation, the Bill and Melinda Gates Foundation and Australian Aid, whose assistance is warmly acknowledged. The International Decision Support Initiative (iDSI), represented through the Center for

Global Development (CGD), were technical partners to the World Bank for facilitation of the Efficiency Collaborative, and brought, with its wealth of membership, domain expertise, valuable perspective, resources, direction and guidance to this work.

A special thanks also to the World Bank JLN focal points from Bangladesh, Ethiopia, Ghana, India, Indonesia, Kenya, Malaysia, Mongolia, Nigeria, Philippines, Sudan and Vietnam in facilitating and encouraging this work.

The HePRA Tool and Database technical team came out of a partnership between the World Bank and the iDSI. The technical facilitation team was guided by Amanda Glassman and Kalipso Chalkidou from CGD and Somil Nagpal from the World Bank, and comprised of Y-Ling Chi from the Center for Global Development, and Danielle Bloom, Naina Ahluwalia, Lauren Oliveira Hashiguchi, Lydia Ndebele and Mairi Jeffery from the World Bank. Editing, data visualization, layout and production support, that has rendered complex and lengthy data into a readable format was provided by RRD Design LLC. Administrative support from Annie Milanzi is sincerely acknowledged.

HEALTH PRIORITY SETTING AND RESOURCE ALLOCATION (HEPRA) BENCHMARKING TOOL AND DATABASE OVERVIEW

Countries have many mechanisms through which they can establish priorities for the health sector. However, unless resources can flow, be spent, and be tracked according to these priorities, the priorities themselves hold little influence. The Health Priority Setting and Resource Allocation (HePRA)

Benchmarking Tool and Database aims to capture the current landscape of priority-setting practices that may be used to guide resource allocations for health across a set of 10 Joint Learning Network countries, and to explore whether and how resources are allocated, spent and tracked according to established health sector priorities.

With the budgetary process positioned as the backbone of resource allocation, the HePRA Tool uses a series of indicators and benchmarks to map the relationship between the budget and other major institutionalized aspects of health sector priority-setting, including decentralization, the health system and financing landscape, the structure of the benefits package, and donor resources for health. The HePRA Tool recognizes that priorities for health are largely established using the policy cycle, and that alignment between the policy and budget cycles in a country is one critical factor that determines whether policy priorities are adopted and funded.

As such, the HePRA Tool uses a combined policy and budget cycle to map the pathway from prioritization (agenda setting) to how and whether health priorities are used to make resource allocation decisions (formulation/adoption); payment decisions occur against priorities (implementation/execution); and allocations for health are assessed against set priorities (monitoring/evaluation; see Figure 1, Table 1, and "key terms").^{1,2,3}

TABLE 1. Policy and budget cycle

PRIORITIZATION agenda setting	Evidence-based identification and prioritization of policy issues against a given forecast, budget ceiling or resource envelope, and occurring as a part of processes linked to budgeting, decentralization, health systems and financing, the benefits package and/or donor resources for health.
RESOURCE ALLOCATION formulation/adoption	Adoption of policies and allocation of resources according to budgetary rules as guided by policy priorities and health sector targets and/or other decision-making principles.
PAYMENT implementation/ execution	Financing and spending against planned priorities through various budget centers and ideally using strategic purchasing, including autonomy and flexibility to re-allocate funds according to emerging priorities.
ASSESSMENT monitoring/evaluation	Examination of whether spending has occurred against priorities to meet policy and fiscal objectives, which is made transparent and available for purposes of accountability and use in future planning and prioritization processes.

Terwindt, F., Rajan, D. and Soucat, A. (2016). Chapter 4: Priority-setting for national health policies, strategies and plans. WHO https://apps.who.int/iris/bitstream/handle/10665/250221/9789241549745-chapter4-eng.pdf?sequence=36







¹ WHO (2017). Aligning Public Financial Management and Health Financing: Sustaining Progress Toward Universal Health Coverage. https://apps.who.int/iris/bitstream/handle/10665/254680/9789241512039-eng. pdf?sequence=1

World Health Organization. 2017. "Aligning public financial management and health financing: a process guide for identifying issues and fostering dialogue." Accessed April 5, 2019. https://www.r4d.org/wp-content/uploads/9789241513074-eng.pdf.

² WHO (2016). Chapter 8: Budgeting for Health. https://apps.who.int/iris/bitstream/handle/10665/250221/9789241549745-chapter8-eng.pdf?sequence=11

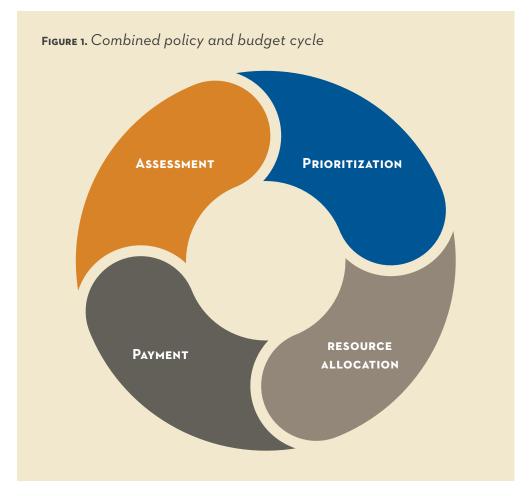
HEPRA DATABASE OVERVIEW

GOALS

The HePRA Benchmarking Tool and Database is one part of the work undertaken in response to a need for knowledge sharing and joint learning on priority-setting and resource allocation for health expressed by members of the Efficiency Collaborative. HePRA complements its sister knowledge product, *Using Data and Evidence for Health Priority Setting: A Practitioner's Handbook.* The handbook provides practical guidance on strengthening the evidence-based priority-setting processes which feed into budget cycles and resource allocation pathways which may be identified through the HePRA Tool. In both the HePRA Tool and the *Handbook*, thinking around these budget cycles and resource allocation pathways are guided by the combined policy and budget cycle framework (Figure 1), which depicts the cyclical process of prioritization, allocation, payment, and assessment.

The intention of the HePRA Tool is to:

- **O1. Identify areas for focused efforts:** Distinct areas can be identified for each respondent country where efforts including in policy dialogue, support through technical assistance, capacity building, and knowledge exchange may be useful in promoting use of evidence in priority-setting for resource allocation in the health sector.
- **O2. Monitor progress over time:** Countries can capture the priority-setting and resource allocation landscape at present and future points in time by populating the tool and monitoring changes in priority-setting over time.
- O3. Benchmark and contrast with comparator countries: Ultimately, country responses to the HePRA Tool will feed into an interactive online database, where JLN countries can reflect on their own experiences in priority setting, benchmark against or understand resource allocation approaches used by comparator countries, and engage in peer learning and dialogue about how to promote evidence-informed priority-setting in country practices around resource allocation for health.



METHODS: DEVELOPING HePRA

Formative work to populate the HePRA Tool and Database began at a February 2018 Efficiency Collaborative meeting in Nairobi, where a questionnaire about resource allocation frameworks and challenges in making resource allocation decisions was administered to 10 member countries. In the course of the following months, data was collected over multiple virtual interactions in the form of structured verbal and written interviews. Analysis of data collected through the initial questionnaire revealed that there were multiple factors impacting how health priorities are established and how resources are allocated for health, and that these needed to be examined systematically and more in depth.

Analysis also revealed that there was a need to understand both these priority-setting processes as well as how and whether resources are actually used according to established priorities during the budget cycle. These findings were presented during the following meeting of the Efficiency Collaborative in New Delhi in February 2019. Discussions during the New Delhi meeting pointed to a need to restructure the questions as well as the underlying database so that it could more clearly classify national resource allocation processes and facilitate cross-country comparisons.

Through expert consultation and a review of the literature, the HePRA Database and related prioritization questions were re-organized into two parts. The first part dealt with the **PRIORITIZATION** step under the combined policy and budget cycle (see blue step under Figure 1) and included five clear "processes" – broad areas, topic or components of a countries landscape that have potential impacts on how health priorities are established and funded. Each of these different processes can be described according to a standard set of areas (Table 2).

A second part assesses how and whether the priorities established during these processes inform later phases of the joint cycle: RESOURCE ALLOCATION, PAYMENT and ASSESSMENT.

FIGURE 2: Concepts embodied in Section 1 of the HePRA Tool; "Prioritization" (Part 1)

HEPRA PROCESSES			
Budgeting	The process of assigning resources to priorities, units, or individuals within a given resource envelope		
Decentral- ization	The transfer of financial and/ or administrative authority from central to local levels		
Health systems and finance architecture	The organization financing and health policy mechanisms that support UHC		
Benefits package	The set of healthcare services provided, to whom and for how much		
External resources for health	Financial resources for health received through official development assistance channels		

DESCRIPTIVE ARE	DESCRIPTIVE AREAS		
Structure	Foundational elements that describe how each process is organized		
Other descriptors	Breadth of what each process covers		
Legal, regulatory and policy environment	Enshrined legal or policy foundations of a process		
Fragmentation within process	Unification or separation of the key components of a particular process		
Costing and other tools and data	Describes the costing and/or other analysis, tools and evidence that inform prioritization		

A set of benchmarks were then established for each question and response, allowing users to compare the various dimensions of resource allocation and priority-setting across countries and over time.

The revised HePRA Tool was then piloted in Philippines and Nigeria, using country responses to the original Nairobi questionnaire, desk review, and consultation with country members as inputs. The tool and database was further reviewed by subject matter experts within the JLN network. The HePRA Tool underwent an internal World Bank review process as well as external review by subject matter experts. Based on feedback from the pilot processand review, the HePRA Tool was refined, and further outreach to 10 participating countries was conducted to populate and validate the HePRA Database. Accordingly, country data captured in the HePRA Database, which informs this 10 country overview, is correct as of year 2019.







HEPRA DATABASE OVERVIEW

The final HePRA suite has two major components:

- O1. The HePRA Tool is in two parts namely prioritization and resource allocation and comprises of 36 questions with benchmarks, a template for a visual depiction of the flow of funds from budget allocation to provider; and a visualization tool for capturing the benchmark responses. The tool also has guidance on how it can be populated independently.
- **O2.** The HePRA Database compiles 10 country responses to the HePRA Tool in 2019. These responses have been showcased in a simplified overview with a cross-country summary, supported by a visualization of benchmarks.

Disclaimer. The benchmark selections indicated within the HePRA Database represent a subjective categorization based on a more detailed narrative response to questions within the HePRA Tool. All responses have been self-reported by a set of JLN country representatives and validated by other in country experts who are listed in the contribution section of this report. While this is in line with the intended objectives of this tool being used for self-assessment and peer learning, some response bias may be reflected.

ACRONYMS

BP benefits package

CHE Current Health Expenditure

DFAT Department of Foreign Affairs and Trade

DG Director General
FY Financial Year

GDP Gross Domestic Product

GGHE-D General Government Health Expenditure - Domestic

GHED Global Health Expenditure Database

HePRA Health Priority Setting and Resource Allocation

Benchmarking Tool and Database

HE Health Expenditure

HTA Health Technology Assessment
LMIC Low-and Middle Income countries

MOF Ministry of Finance
MOH Ministry of Health

MTEF Medium Term Expenditure Framework

N/A Not applicable

NCD Noncommunicable diseases
NGO Non Governmental organization

NHA National Health Accounts

NHIA National Health Insurance Agency
NHIF National Health Insurance Fund

OOP Out-of-pocket

PBB Program-based Budgeting

PHC Primary Health Care

SDG Sustainable Development Goals

SHI Social Health Insurance
UHC Universal Health Coverage

USAID United States Agency for International Development

WHO World Health Organization

KEY TERMS

TECHNICAL TERMS				
Area	A HePRA-specific term that describes cross-cutting components that help to categorize and describe the identified HePRA processes. These are: overall structure, scope, legal/regulatory/policy, fragmentation, and costing/other tools and data. Each area under an HePRA process is associated with a question and benchmark to synthesize the narrative response.			
Assessment (monitoring/ evaluation)	Examination of whether spending has occurred against priorities to meet policy and fiscal objectives, which is made transparent and available for purposes of accountability and use in future planning and prioritization processes.			
Benefits package	The defined list of healthcare services covered by public funds and the financial terms of such coverage (such as cost-sharing). Some countries use health benefits packages (HBPs) to meet basic health needs for the entire population; others use HBPs to meet the health needs of specific populations, such as pregnant women, children, the elderly, or the poor; for specific levels of services, such as for inpatient, outpatient or primary care, or for specific programs, such as maternal and child health.			
Budgeting	The process of assigning resources to priorities, units, or individuals within a given resource envelope.			
Budget cycle	The process through which budgets are formulated, allocated, spent and monitored according to public financial management rules.			
Cost-benefit analysis	A systematic process to compares costs and benefits, both of which are quantified in common monetary units.			
Cost- effectiveness analysis	A comparison of costs in monetary units with outcomes in quantitative non-monetary units such as quality-adjusted life-years (QALYs) and disability-adjusted life years (DALYs) or in natural units (such as cholesterol level, mortality or case detection).			
Country income status	For the 2017 fiscal year, low-income economies are defined as those with a gross national income (GNI) per capita of \$1,025 or less in 2015; lower middle-income economies are those with a GNI per capita between \$1,206 and \$4,035; upper middle-income economies are those with a GNI per capita between \$4,036 and \$12,475.			
Decentralization	The redistribution of some financial and/or administrative authority from central to local levels, which can occur in differing degrees. Deconcentration and devolution, defined below, are ways to describe decentralization.			
Deconcentration	The partial transfer of authorities from central to local levels (i.e., administrative but not financial).			
Devolution	The full transfer of financial and administrative authorities to local levels.			
External Resources	Financial resources for health received through official development assistance channels.			
Health Technology Assessment	The systematic evaluation of properties, effects and impacts of health technologies.			

Payment (implementation/ execution)	Financing and spending against planned priorities through various budget centers and ideally using strategic purchasing, including autonomy and flexibility to re-allocate funds according to emerging priorities.
Prioritization (agenda setting)	Evidence-based identification and prioritization of policy issues against a given forecast, budget ceiling or resource envelope, and occurring as a part of processes linked to budgeting, decentralization, health systems and financing, the benefits package and/or donor resources for health.
Health Technology Assessment	The systematic evaluation of properties, effects and impacts of health technologies.
Payment (implementation/ execution)	Financing and spending against planned priorities through various budget centers and ideally using strategic purchasing, including autonomy and flexibility to re-allocate funds according to emerging priorities.
Prioritisation (agenda setting)	Evidence-based identification and prioritization of policy issues against a given forecast, budget ceiling or resource envelope, and occurring as a part of processes linked to budgeting, decentralization, health systems and financing, the benefits package and/or donor resources for health.
Priority-setting	Priority-setting can be defined as the assignment of finite health resources, between competing commitments, against an infinite demand for health care. Evidence-based priority-setting uses data and tools to guide decisions about value for money in establishing these priorities as a part of planning processes. Health priorities can be shaped across a number of prioritization processes within a country (see prioritization).
Process	A HePRA-specific term that describes a broad component of a countries decision-making landscape that can impact how health priorities are established. In the HePRA Tool, these are: budget structure, benefits package, health systems and financing, external resources, and decentralization.
Resource Allocation	Adoption of policies and allocation of resources according to budgetary rules as guided by policy priorities and health sector targets and/or other decision-making principles. Although many countries have established priority-setting processes that are aimed to guide financial decision-making, there is no guarantee that these priorities will be used to formulate budgets, or that these priorities will be traceable throughout the budget cycle as resources are then spent, reallocated, or monitored.
Sustainable Development Goals (SDGs)	A set of 17 goals that aim to end extreme poverty and hunger, fight inequality and injustice, combat climate change, and more. On September 25, 2015, the leaders of 193 United Nations member states adopted the goals as part of a new global sustainable development agenda. The 17 goals and their targets for 2030 are described at www.un.org/sustainabledevelopment/sustainable-development-goals/ .
Universal Health Coverage (UHC)	According to the World Health Organization, UHC means that "all people and communities can use the promotive, preventive, curative, rehabilitative and palliative health services they need, of sufficient quality to be effective, while also ensuring that the use of these services does not expose the user to financial hardship."





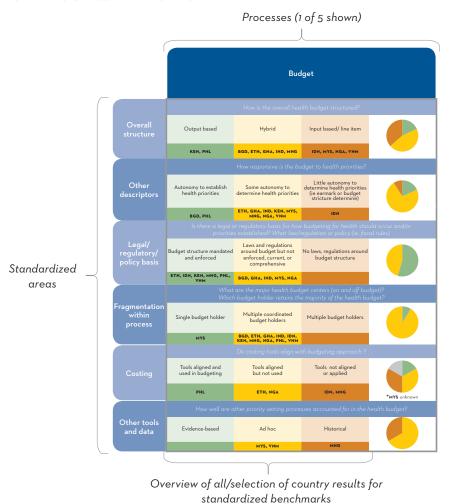


HEPRA DATABASE OVERVIEW

HEPRA AT A GLANCE

The HePRA Tool and Database is supported by summary visualizations that synthesize multiple country benchmark responses across Parts 1 (prioritisation processes) and 2 (fund allocation, payment and assessment), both for each country and as a whole across all 10 countries. We have categorized possible responses to questions using benchmarks that fall along a scale from what is most (green), moderate (yellow) to least (red) optimal as a priority-setting/ resource allocation mechanism. While the nature of the benchmarks vary by question, the rationale remains consistent.

SYNTHESIS VISUALIZATION FOR PART 1



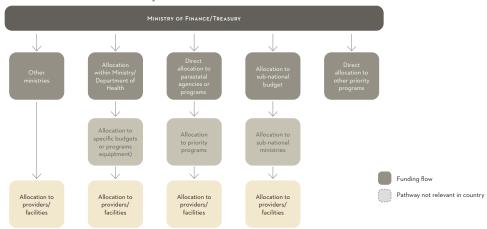
SYNTHESIS VISUALIZATION FOR PART 2



Overview of all/selection of country results for standardized benchmarks

The tool is supported by a resource allocation visual for each country, which shows how funds flow from the national level through the health system, and where possible, indicates what criteria are used to determine allocations.

RESOURCE ALLOCATION/FUND FLOW VISUAL



PART 1

HEPRA COUNTRY HEALTH EXPENDITURE TRENDS

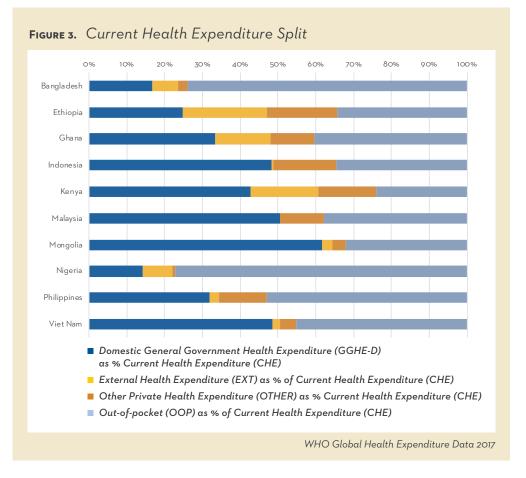
Health expenditure trends in the 10 countries where HePRA has been administered are presented below (Table 1: Health Expenditure for the 10 HePRA Countries). While all 10 HePRA countries are categorized as low-and middle income countries, the resources each of them spend on health (as a percentage of their GDP as well as per capita) varies significantly. There is also variation in how much health spending comes from the government versus from out-of-pocket spending, and from external resources for health (Table 1: Current Health Expenditures).

TABLE 1. Health Expenditure for the 10 HePRA Countries

PART 2

	Population (mill)	CHE per Capita in US\$	CHE as % GDP	GGHE-D as % GDP
Bangladesh • BGD	164.67	36.28	2.27	0.38
ETHIOPIA • ETH	104.96	25.26	3.50	0.87
GHANA • GHA	28.83	66.75	3.26	1.09
Indonesia • IDN	263.99	114.97	2.99	1.45
KENYA • KEN	49.70	76.61	4.80	2.05
MALAYSIA • MYS	31.62	384.07	3.86	1.95
Mongolia • MNG	3.08	148.78	4.00	2.47
Nigeria • NGA	190.89	73.92	3.76	0.53
PHILIPPINES • PHL	104.92	132.90	4.45	1.42
VIETNAM · VNM	95.54	129.58	5.53	2.69

WHO Global Health Expenditure Data 2017







10-COUNTRY SUMMARY OVERVIEW

PART 1: PRIORITIZATION

Overall, a majority of the HePRA countries fall under the 'moderate' benchmark indicating a gradual move towards priority-setting practices being somewhat evidence-based and responsive to in country needs.

Budgeting: While several countries still have input, line item budgeting, nearly half of HePRA countries are moving towards allocating resources based on various forms of program budgeting. Two countries, Kenya and the Philippines, already have full programbased budgeting. While most of the countries have a legal framework for establishing priorities during the budgeting process, several of them have reported that the laws are either not comprehensive, current or enforced. Budgeting continues to occur on a historical or ad hoc basis. The use of costing tools aligned with budgeting approach remains very limited. Most countries also report the existence of multiple budget holders pointing in some cases to inefficiencies arising out of fragmentation.

Decentralization: While several countries have fiscal decentralization, more than half have reported limited autonomy to determine health priorities and accordingly allocate resources at sub-national levels. Even though there are laws that set out roles for sub-national bodies or use of citizen consultation setting health sector priorities, several countries report the laws as not comprehensive, current or enforced. Mongolia, for instance, has an explicit regulation to include citizen consultation, but this does not occur in practice. While in most cases sub-national planning is linked in some ways to national planning processes, sub-national planning happens without clear knowledge of or say in the resources that will in fact be allocated. Additionally, use of tools and evidence to guide priorities remains limited.

Health systems and financing: Countries appear to be evenly distributed with about a third of them being primarily public financed, and with a majority of their population accessing services through publicly funded schemes. Some countries that are primarily publicly financed countries have a majority of their population access services through regulated private sector providers, while others, in spite of there being public financing for health, have a majority of their population access services through unregulated private sector providers.

Benefits package: All countries have at least one defined public benefits package. Some countries have benefits split between the Ministry of Health and an autonomous parastatal National Health Insurance Agency (NHIA), which for the most part, receives dedicated allocations directly from the Ministry of Finance. For instance, Nigeria has packages issued by both the Ministry of Health as well as the National Health Insurance Authority. Split benefits between the MOH and NHIAs in various countries causes coordination challenges. Malaysia is an exception with publicly funded health services but no social health insurance agency. While most countries have laws that set out how resources should be allocated against the benefits package, the laws are not enforced, current or comprehensive. Most countries do use some tools and evidence to guide priorities for the benefits package. Use of cost estimates for the benefits packages remains limited even for countries that rely on other evidence and tools for setting priorities for their benefit packages.

External Resources: Donor funding accounts for less than 10% of the national health budget in most HePRA countries, and most of this external financing is on budget. The use of donor funding for health sector priorities is not well mandated, though coordination mechanisms do exist to improve alignment of donor priorities with national priorities, with increased reliance on tools and evidence for the same.

PART 2: RESOURCE ALLOCATION

Overall, resources are allocated according to priorities and a majority of the HePRA countries score fall under the 'moderate' benchmark in resource allocation, indicating a somewhat systematic fund allocation arrangement.

Fund Allocation: Over half the countries report that fund allocations take place in alignment with sector priorities (as set out in the health or program plan and at the decentralized level). Most countries have a somewhat consultative and responsive fund allocation mechanism allowing a certain amount of flexibility in the hands of those who receive the funds. Vietnam is a country that has completely flexible fund flows recipient authority to reallocate funds according to need. Bangladesh on the other hand has little to no flexibility to re-allocate funds once they have been received.

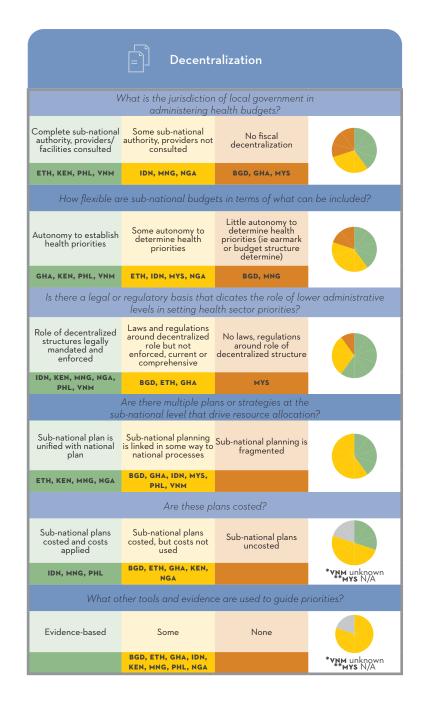
Payment and Assessment: Even though over half the countries report that fund allocations take place in alignment with sector priorities they also say that funds allocated are only somewhat sufficient and predictable. In many countries, funded priorities continue to be paid for based on inputs, and expenditure is also tracked against input line items only, instead of against priorities. This occurs even in cases where output-based payment mechanisms may be used to direct revenue flows, such as in Mongolia. Philippines is an example of a country where facilities are paid based on outputs and aligned to priorities, and where spending is also tracked against priorities. In the Philippines, payments to operating units is done by output, and performance indicators are published annually with the General Appropriations Act, which sets out the national budget. In most countries, providers and facilities are paid based on inputs and expenditure is tracked against line items only. In some other instances spending is tracked to informed priorities. For instance, in Indonesia, capitation can be linked with payment for health priorities due to a clear set of indicators in place and in Ethiopia a health system account assessment is conducted every two years to track the flow of funds with findings used to inform budgeting priorities.







		Bud	lget	
		How is the overall hea	lth budget structured?	
Overall structure	Program based	Hybrid	Input based/ line item	
	KEN, PHL	BGD, ETH, GHA, MNG	IDN, MYS, NGA, VNM	
		How responsive is the bu	dget to health priorities?	
Other descriptors	Autonomy to establish health priorities	Some autonomy to determine health priorities	Little autonomy to determine health priorities (ie earmark or budget structure determine)	
	BGD, KEN	ETH, GHA, IDN, MYS, MNG, NGA, PHL, VNM		
	Is there α leg		how budgeting for health . es established?	should occur
Legal/ regulatory/ policy basis	Budget structure mandated and enforced	Laws and regulations around budget but not enforced, current, or comprehensive	No laws, regulations around budget structure	
	ETH, IDN, KEN, MNG, PHL, VNM	BGD, GHA, MYS, NGA		
	What	are the major health budg	get centers (on and off bud	lget)?
ragmentation within process	Single budget holder	Multiple coordinated budget holders	Multiple budget holders	
	MYS	BGD, ETH, GHA, IDN, KEN, MNG, NGA, PHL, VNM		
			th budgeting approach ?	
Costing	Tools aligned and used in budgeting	Tools aligned but not used	Tools not aligned or applied	
	PHL	ETH, IDN, KEN, NGA	BGD, MNG, MYS	*GHA unknov *VNM N/A
	How well are a	ther priority-setting proces	sses accounted for in the h	nealth budget?
Other tools and data	Evidence-based	Ad hoc	Historical	
	IDN, KEN, PHL	ETH, VNM	BGD, MNG, MYS, NGA	*GHA unknov







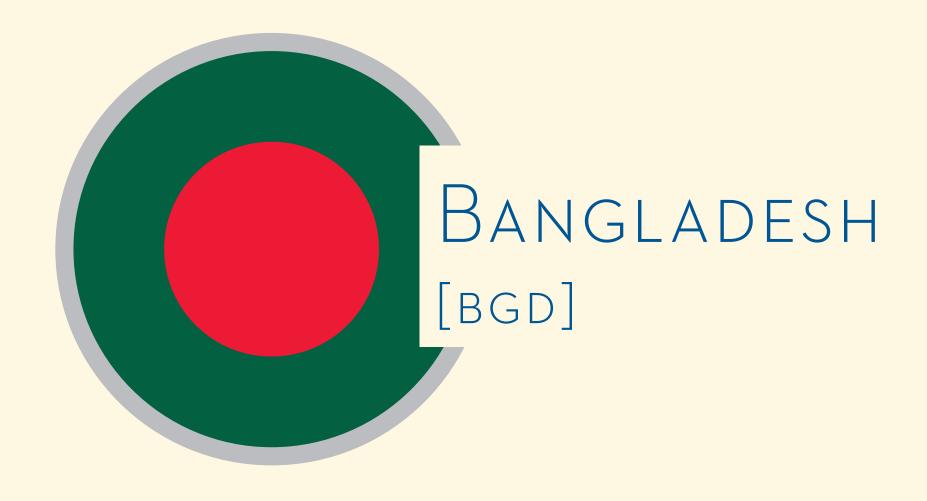


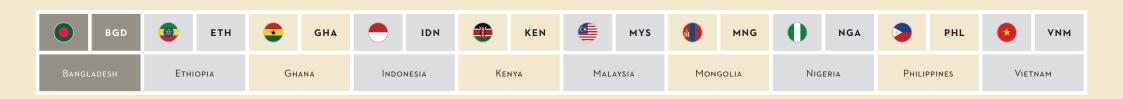




	Budget			
		Do resources flow accordin	g to determined priorities?*	
Fund allocation	Aligned to sector priorities	Planning aligned to sector priorities, but funds allocated according to line items	Historical, line item budgeting	
Budgeting		GHA, MYS, NGA, VNM	BGD, MNG	
Decentralized priorities	IDN, KEN, MNG, PHL			
© External resources				
Benefits package				
Health or Program Plan	ETH, IDN, KEN, PHL, VNM			
	N	/hat institutions or stakeholders are involved i	n allocating funds according to these priorities?	
	Consultative	Somewhat consultative	Not consultative/decisions made by one entity	
	ETH, NGA, PHL	BGD, GHA, IDN, KEN, MYS, MNG, YNM		
	How and how frequently are resources allocated?			
	Allocations are sufficient and predictable	Allocations are somewhat sufficient and predictable	Allocations are not sufficient or predictable	
	PHL	BGD, IDN, KEN, MYS, MNG, VNM	ETH, GHA, NGA	
Daymant	Who receives funds: Do they have flexiblity to reallocate funds according to need?			
Payment	Fund flows are flexible	Fund flows are somewhat flexible	Fund flows are not flexible	
	Walke		200	
	VNM	ETH, GHA, IDN, KEN, MYS, MNG, NGA, PHL	BGD	
		How are funded p	priorities paid for?	
	Providers and facilities paid based on output and aligned to priorities	Providers and facilities paid based on outputs, but no link to priorities	Providers and facilities paid based on inputs	
	PHL	GHA, IDN	BGD, ETH, KEN, MYS, MNG, NGA, VNM	
		How are funding flows tr	acked against priorities?	
Assessment	Clear indicators are in place to track spending against priorities	Expenditure is tracked against line items only	Funding flows are not transparent	

^{*} If planning is aligned to sector priorities but funds are allocated according to line items, funds will not be able to flow on the basis of decentralized priorities, external resources, benefits package or health or program plan. Accordingly those options have been greyed out.







Central and sub-national budgeting process





Bangladesh has a fiscally centralized government. The government prepares two types of budgets and the Ministry of Health and Family Welfare is funded through both of them - the revenue (non-development) budget is larger and financed solely by the Government of Bangladesh, and the development budget is financed by Government of Bangladesh and development partners. The revenue budget is meant to meet regular expenditure needs while the development budget includes allocations for development spending. The revenue budget follows a line item based incremental approach while the development budget is made using program budgeting approach. The Bangladesh public health system is highly centralized with planning undertaken by the Ministry of Health and Family Welfare and little authority delegated to local levels. Budget estimation is bottom up; however, once budgets are approved, district and lower levels have little flexibility over the use of funds. Virement between line items is only possible within rules set by the Ministry of Finance. Lower levels of administration have no formal role in determining supplies, finance, or even monitoring the performance of the local level service providers.

Health financing landscape and other priority-setting processes







Domestic general government health expenditure constitutes 23% of Current Health Expenditure (CHE). Health care services are provided by the public sector, private sector and non-governmental organizations. Ministry of Local Government, Rural Development and Cooperatives manages the provision of urban PHC services however quality is often an issue due to insufficient allocation of resources, institutional limitations, absenteeism or negligence of providers. In 2015, financing for health that came from sources other than the government accounted for 77% of CHE (OOP 67% while donor, NGO, private insurance & others 10%). Private services are poorly regulated. While public funds for health are the main prepayment mechanism for risk-pooling, there are no major public benefits packages other than one defined through a pilot conducted for individuals below the poverty line (BPL) in one out of 64 districts from 2014 to 2018, known as the Health Protection Scheme – Shasthyo Surokhsha Karmasuchi (SSK).

At the national level, health priorities are informed by key strategic documents namely the National Health Policy the 4th Sector Wide Program (SWaP), the 7th Five Year Plan along with the Health Care Financing Strategy developed by the Health Economics Unit under supervision

of the Ministry of Health and Family Welfare. Under the latest five-year program, the Health, Population and Nutrition Sector Development Program, health sector activities have been grouped into 29 operational plans implemented by 29 line directors. 7.6% of CHE comes from external sources and this support comes both on and off budget. Donor funding tends to be on the basis of donor priorities. However, the Ministry functions closely with external donor agencies in preparing its plans and programs. The Government has made continuous efforts to harmonize donor support and align it with national priorities.

PART 2

Resource allocation according to health priorities



The MOHFW determines most of the allocation and funds on the basis of the budget proposed from sub-national level. Certain participatory techniques are used for securing broad participation by stakeholder groups including professional and civil society groups and experts deployed by development partners and donors in the preparation of both the health sector plan and programs. MOHFW however has the final authority to make the ultimate decision. Funds are transferred to the Ministry of Health and Family Welfare which makes earmarked grants to 29 Operational Plans, Medical College Hospitals, Specialized Hospitals, District Hospitals and Union Health and Family Welfare Centers. District and sub-district level allocations for health are determined by norms that relate to the number of beds (for food and drugs) and staff in facilities (for salaries) rather than the population size and other demographic and epidemiological measures reflecting health needs. Once funds are transferred, implementing agencies are required to follow strict regulations for budget implementation as laid down by the Ministry of Health and Family Welfare.

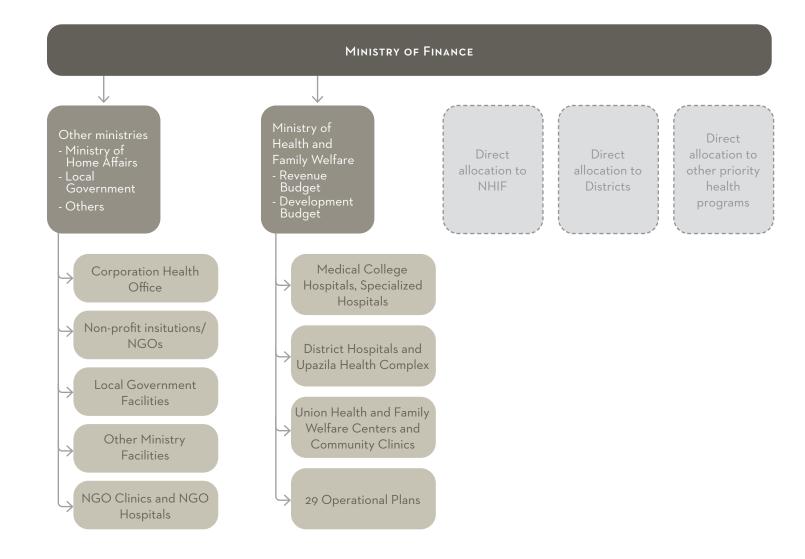
Expenditure and monitoring against health priorities



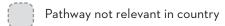


Resources for most implementing agencies are allocated on a quarterly basis. Once the annual budget for an implementing agency is approved, it is required to provide a break down for the quarter (in line with the approved annual budget) in advance in order to receive allocations. Owing to the recently implemented integrated budgetary accounting system implementing agencies are required to report on expenditure in real time on a monthly basis and subsequent quarter allocations are made on the basis of spending so far. Each health sector program undergoes mid-term reviews as well as annual reviews by external teams comprised of national and international experts.

FUND FLOW DIAGRAM





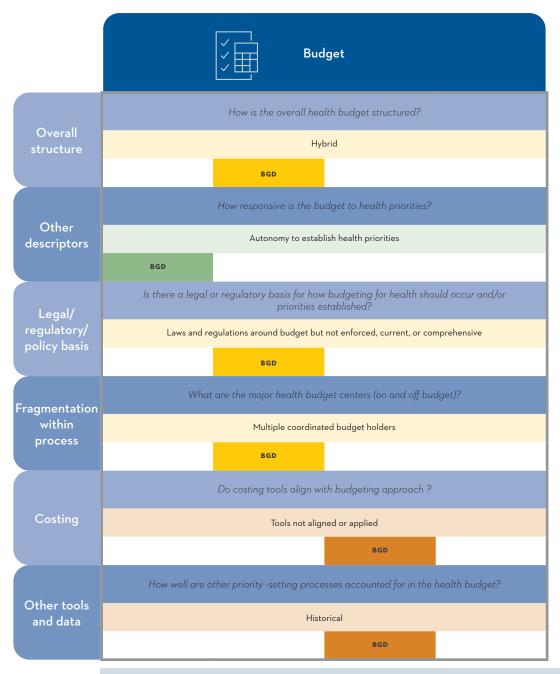














Part 1: The prioritization processes in Bangladesh is highly centralized but somewhat consultative using certain participatory techniques to engage stakeholders in the preparation of sector plans and programs. Health sector priorities are established in long-term strategic documents. Note that all benchmarks are based on subjective categorization.

Health systems and financing	Benefits package	External resources
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?
Out-of-pocket payments and private sector financing	Multiple or partial lists for various populations, services, or system levels	Mix
BGD	BGD	BGD
How does the majority of the population access services?	What is included in the benefits p ackage? How often is it reviewed?	What is the % of CHE that comes from external resources?
Unregulated private for profit	One/more of tertiary, specialist and PHC, but not all	10% < x < 50%
BGD	BGD	BGD
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?
Laws and regulations around priroties but not enforced, current or comprehensive	Laws and regulations around benefits packages but not enforced, current or comprehensive	Laws and regulations around priorities but not enforced, current or comprehensive
BGD	BGD	BGD
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?
Fragmented program and sector wide plans	Fragmented benefits packages	Coordinaton exists, but poor alignment
BGD	BGD	BGD
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?
Plans costed and costs applied	Benefits packages costed and costs applied	Costs are fully available to government
BGD	BGD	BGD
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?
Some	Some	Some
BGD	BGD	BGD





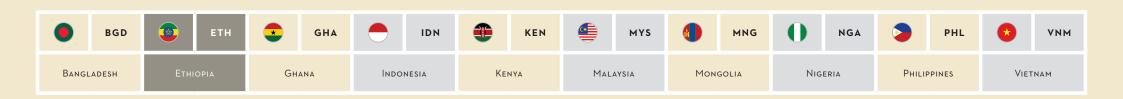






Part 2: Resources are largely allocated based on historical budgeting with limited flexibility at the lower level for reallocation. Midterm reviews are used to examine funding flows for each health sector program. Note that all benchmarks are based on subjective categorization.







PART 1

Central and sub-national budgeting process





Ethiopia has a fiscally devolved government. At the federal level, Ethiopia has used a program-based budget since 2011/12. However, regions and districts establish local priorities and budgets using line-item budgeting. Regional subsidies from the state are determined by a joint budget allocation formula which is approved by the House of People's Representatives. Regional governments then receive block grants and earmarked grants from the central government, determine budget allocations according to national and local priorities, and make further allocations to regional programs and to districts via another level of block grants.

Health financing landscape and other priority-setting processes







Domestic general government health expenditure represents approximately 32%¹ of Ethiopia's current health expenditure. Most domestic health expenditure comes from the salary of the health professionals, recurrent costs for health facilities and also the Health Extension Program, which offers basic health and medical care for essential health services like HIV, TB, and vaccination services. For coverage of services outside of those in HEP, there are two public health insurance systems: community-based health insurance (CBHI) for the agricultural and informal sectors – which has been progressively scaled-up since 2012 to cover 16% of informal workers – and the not-yet-implemented social health insurance (SHI) for those employed in the formal sector. However, out-of-pocket payments are 31% of current health expenditure.

At the national level, health priorities are informed by key strategic documents - the 20-year envisioning document and the Health Sector Transformation Plan (HSTP) - while the Essential Health Service Package (EHSP) is used to guide service provision. More than 35% of current health expenditure comes from external donors, and this support is largely off-budget. However, many donors pool funds toward the SDG Performance Fund, a mechanism by which available funding from donors is combined and managed by the government via earmarked budgets.

PART 2

Resource allocation according to health priorities



The priorities set out in the 20-year Envisioning Plan, the Health Sector Transformation Plan, and the Essential Health Services Package are embodied in a budget request developed through a consultative process, which is submitted to Parliament for negotiation and approval. The Joint Core Coordinating Committee, which contains the Ministry of Health and donors, is involved in determining allocations in line with national priorities. Funds are transferred to the Ministry of Health and separately, to regional states via block grants and earmarked grants (according to an allocation formula), and to the Ethiopian Health Insurance Agency. Regions then make block grant allocation to districts and allocate to regional level programs using their own priority-setting process.

Expenditure and monitoring against health priorities

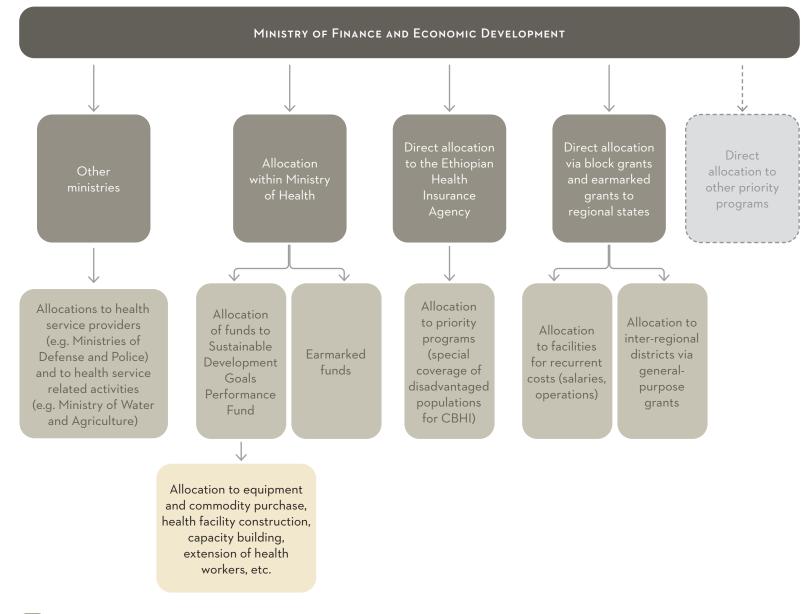




Payments to operating units are done by input and government entities receiving funds may adjust these allocations with approval from the Ministry of Health. Under the CBHI scheme, providers are paid on a fee-for-service basis. Outside of CBHI, service providers are financed through a combination of block grants from general government revenue, in-kind transfers from the FMOH, user fees, and government subsidy for providing waived services to the poor. A health system account assessment is conducted every two years to track the flow of funds and the findings are used to inform budgeting priorities, but there is a gap in considering these findings into the budget annually.

¹ Health expenditure data for Ethiopia comes from the 7th round National Health Account which was launched in 2019.

FUND FLOW DIAGRAM





Funding flow



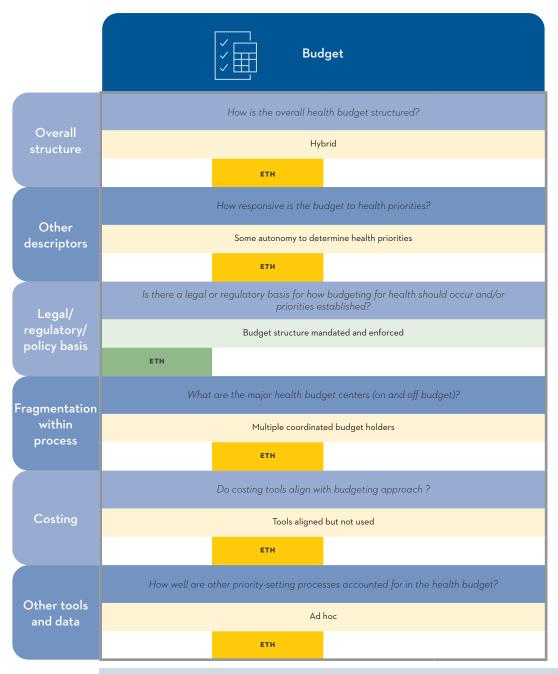
Pathway not relevant in country

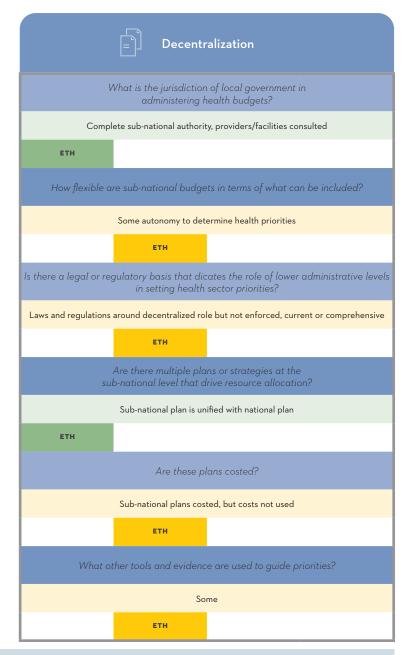












Part 1: The prioritization processes in Ethiopia are systematic and consultative, with health sector priorities established in long-term strategic documents and decentralized priorities informing a participatory budget process. Note that all benchmarks are based on subjective categorization.

Health systems and financing	Benefits package	External resources	
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?	
Mixed/transitional	Centrally established positive list	Mix	
ЕТН	ЕТН	ЕТН	
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of CHE that comes from external resources?	
Unregulated private for profit or not-for-profit	All 3 of PHC, tertiary and specialist	10% < x < 50%	
ЕТН	ЕТН	ЕТН	
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?	
No laws, regulations around priorities	No laws, regulations around benefits package	Laws and regulations around priorities but not enforced, current or comprehensive	
ЕТН	ЕТН	ЕТН	
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?	
Program plans fully unified in overall plan	Fully unified in overall package	Coordinaton exists, but poor alignment	
ЕТН	ЕТН	ЕТН	
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?	
Plans costed, and costs applied	Benefits package uncosted	Costs are fully available to government	
ЕТН	ЕТН	ЕТН	
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	
Some	Evidence based	Some	
ЕТН	ЕТН	ЕТН	



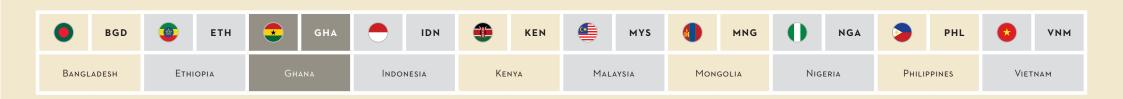






Part 2: Resources are largely allocated based on health sector and decentralized priorities, with somewhat flexible, but often insufficient, funding flows occurring against those priorities. National health accounts are used every two years to examine funding flows, but annually there is not a process to evaluate expenditure against priorities within annual budget cycles. Note that all benchmarks are based on subjective categorization.







PART 1

Central and sub-national budgeting process





Ghana has a fiscally centralized government. The budget is between input based and hybrid, and in the midst of a transition towards more output-based budgeting. In some instances there is use of program-based budgeting however this is limited. Program-based budgeting was piloted in 2010 and fully introduced countrywide in 2014 by the Ministry of Finance. Local authorities have little control over health budgets/ expenditures, because most of their resources are executed centrally or earmarked from the centre to specific programs or initiatives.

Health financing landscape and other priority-setting processes







Domestic general government health expenditure represents approximately 38.4% of Ghana's current health expenditure. Funds allocated from government revenue are mostly used for compensation and limited capital investment. Internally Generated Funds which include nontax revenues, National Health Insurance claims and reimbursement are increasingly becoming the major sources of funds for service delivery in all health facilities. Funds for the National Health Insurance Scheme are earmarked in the national budget, while donor funds are earmarked for direct implementation at district level.

At the national level there is a National Development Plan (2018-21) that spells out the goals and priorities for the Medium Term. The various Health Implementing Agencies derive their 4-Year Strategic Plans from the National Development Plan. Since 2003, Ghana has implemented a predominantly tax funded (70%) national health insurance scheme for basic health care, now covering 36% of the population. A generous benefits package has meant high pharmaceutical expenditures, and there are genuine concerns about national health insurance scheme affordability and sustainability. As of 2016 12.8% of current health expenditure came from external sources. Donor Basket funding are fully aligned to health sector priorities. However, there are challenges with earmarked funding.

PART 2

Resource allocation according to health priorities



Following the issuance of budget guidelines by the Ministry of Finance, the Ministry of Health allocates budget to Agencies with stakeholder consultation through the sector Budget Committees. Agencies in turn take over and do their own allocation according to priorities. Budgets are prepared at the lower levels based on what the priorities are and within the broad policy framework of the sector. Overall, planning is done based on priorities, but fund flow tends to be limited. Funds are transferred to the Ministry of Health and separately, to the National Health Insurance Authority, districts and other priority programs via block grants and earmarked grants. Ministry of Health then allocates to Ghana Health Services which further allocates to facilities. Annual health sector reviews, monitoring reports, operational research, cost effectiveness analysis and budget impact assessments have been used to inform allocation decisions.

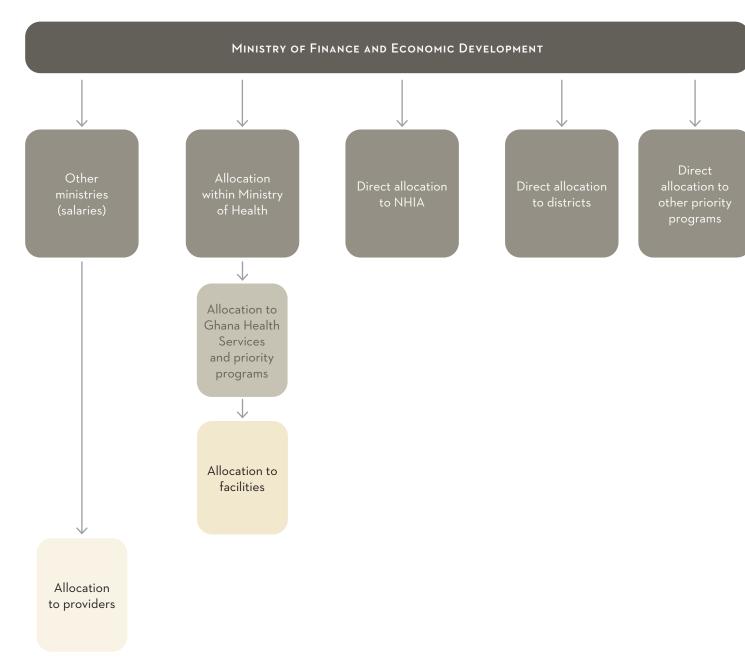
Expenditure and monitoring against health priorities





Funded priorities in health facilities are output based through multiple provider payment mechanisms including case based payments, fee for service, diagnostic related groups and capitation. Programs and other priorities are input based. There is flexibility to reallocate government funds with limited flexibility for donor and earmarked funds. Annual, periodic and specific audits are carried out to track fund flow to priorities. However, it is mostly limited to funds rather than programs.







Funding flow



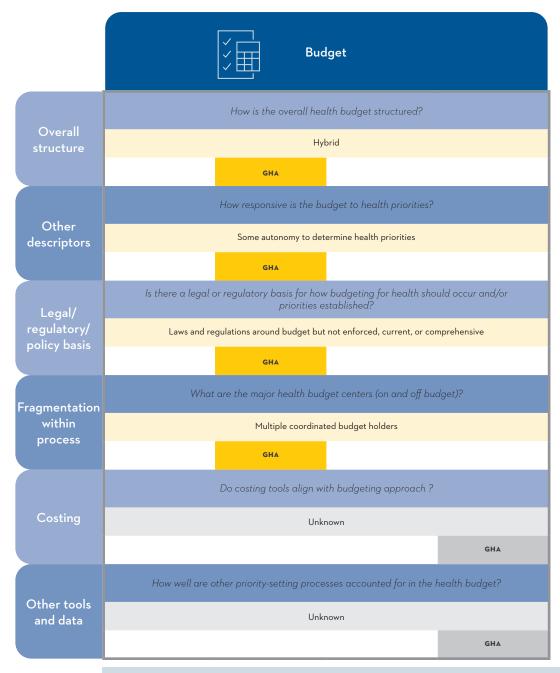
Pathway not relevant in country













Part 1: The prioritization processes in Ghana are increasingly systematic and consultative, with health sector priorities established in long-term strategic documents and a participatory budget process. Note that all benchmarks are based on subjective categorization.

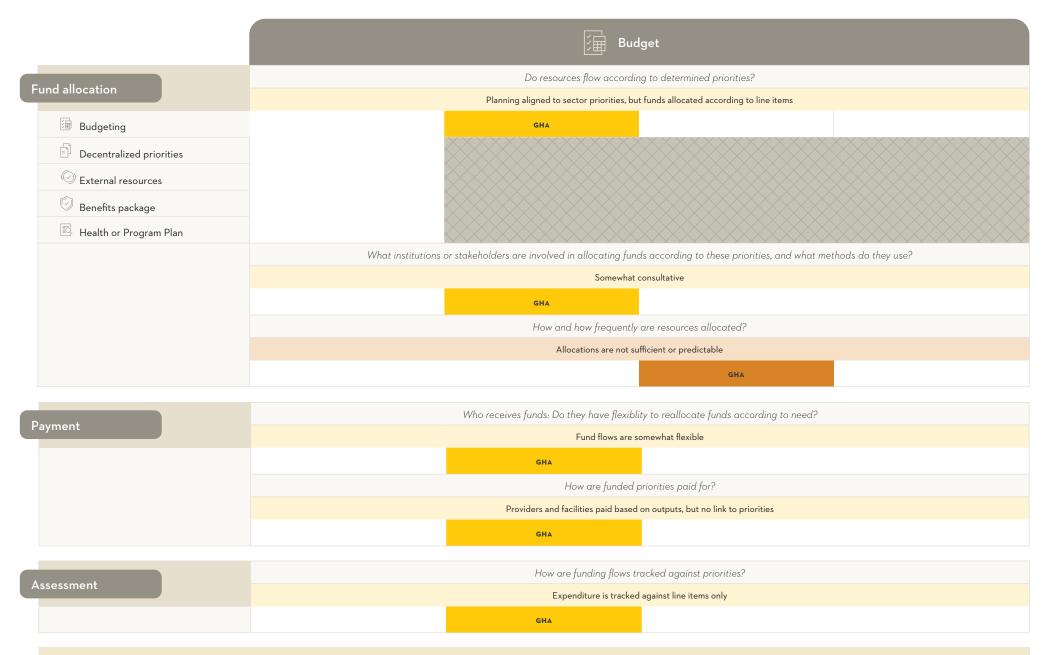
Health systems and financing	Benefits package	External resources
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?
Primarily public finance	Centrally established positive list	Mix
GHA	GHA	GHA
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of CHE that comes from external resources?
Compulsory tax scheme	One/more of tertiary, specialist and PHC, but not all	10% < x < 50%
GHA	GHA	GHA
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?
Laws and regulations around priroties but not enforced, current or comprehensive	Laws and regulations around benefits package but not enforced, current or comprehensive	Laws and regulations around priorities but not enforced, current or comprehensive
GHA	GHA	GHA
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?
Program plans fully unified in overall plan	Fully unified in overall package	Coordinaton exists, but poor alignment
GHA	GHA	GHA
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?
Plans costed, but costs not used	Benefits package costed, but costs not used	There is some knowledge of costs
GHA	GHA	GHA
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?
Some	Some	Unknown
GHA	GHA	GHA





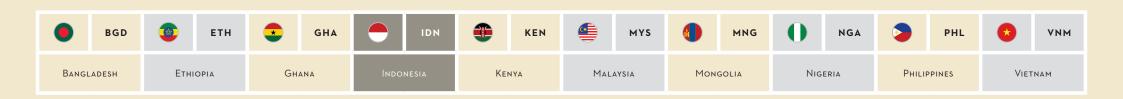






Part 2: Resources are allocated largely based on historical budgets, with somewhat flexible, but often insufficient, funding flows occurring against priorities. Annual, periodic and specific audit are carried out to track fund flow to priorities. However, it is mostly limited to funds rather than programs. Note that all benchmarks are based on subjective categorization.







PART 1

Central and sub-national budgeting process





Indonesia has a line item, input based budget system. While the government has been thinking of shifting to performance-based budgeting (PBB) and is running some PBB pilots, the current budget system is weakly linked to performance. There are a robust set of earmarks that are regulated by law and govern fund flow in Indonesia: Central Government allocates 5% of national budget, and sub-national government earmarks 10% of their local budget allocation (outside of salary). The 5% also includes JKN benefits (JKN is Jaminan Kesehatan Nasional, the Indonesia National Health Insurance for UHC) for the poor and near poor covering 94.1M (35.2%) of population, as well as human resources, infrastructure, health facilities, and other priorities. Benefits for government servants through JKN are covered at 60% by the Central Government and 40% by workers. For private sector, 80% of benefits are covered by the company and 20% by workers. Decentralization was legally mandated in 1999 and included oversight of health spending down to the district level. District governments hold the majority (65%) of the public budget, while provincial and central governments hold roughly equal remaining amounts. Sub-national funding relies heavily on intergovernmental transfers, which make up 90% of their revenue. At the sub-national level, there is some authority to set priorities with a combined "top down bottom up" process that is mandated by law. Regardless, public participation in priority-setting often occurs unevenly. Priorities at the sub-national level must also cover the Minimum Health Service Standards (SPM), which is intended to align national priorities to district priorities. Priorities are outlined in sub-national plans and budgets which are costed and combined with budgets at the provincial level and then included as a part of the central government budget and workplan.

Health financing landscape and other priority-setting processes







Indonesia has a mixed/transitional health financing landscape, with a high degree of OOP (37.3% of CHE). External resources for health make up a small proportion of the total resource envelope (0.4%), with almost half of those resources being on budget. The health insurance system JKN currently covers 80% of the population. The poor and near poor are financed by a premium subsidy, with the rest being contributory based. The National Health Sector Strategic Plan is legally enforced, and aligned to other specific plans related to human resources, capacity building, nutrition, and tropical diseases. The core document has a costed annual plan that aligns to an overall sectoral medium-term plan, but this is aspirational and not applied. The JKN has a comprehensive benefits package which includes

both medical and nonmedical benefits across all three of PHC, tertiary and specialist level care, but is not explicit. Drugs listed in the national formulary are covered by the scheme. There are some excluded services (i.e. cosmetic surgery, infertility) but for the most part services are automatically covered without copayments, balanced billing or caps, except for upgraded accommodation to the higher ward class. There is one overall package for JKN although programs are vertically managed. The JKN package is costed, but costs are not applied. Additionally, there are emerging concerns with alignment between the SPM and the benefits package, with the former emphasizing public health and the latter focusing on individual health.

PART 2

Resource allocation according to health priorities

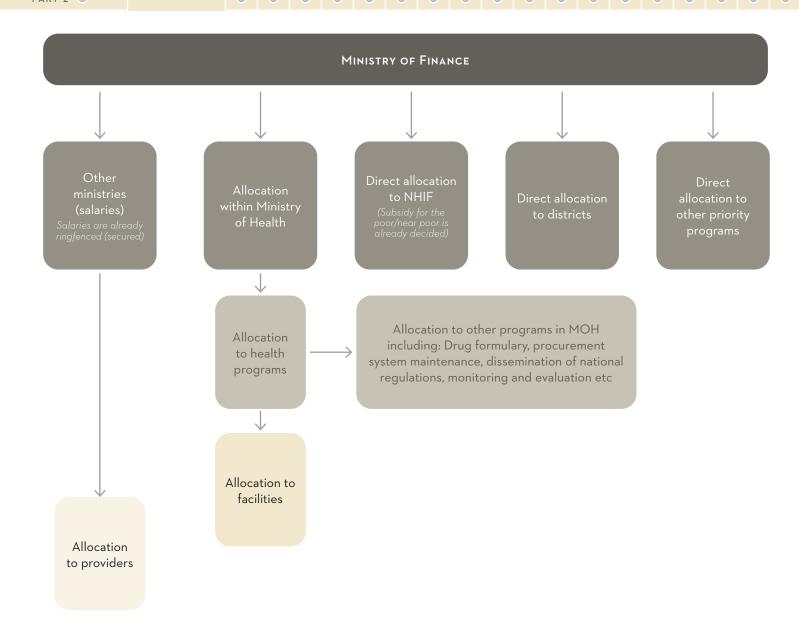


Resources are allocated by line items with targets linked to sector priorities. There are regulations dictating that funds should flow according to sector priorities. However, aspirational planning documents are not well aligned to annual roll out planning and the health workplan. Fund allocation is somewhat predictable, although there have been deficits due to resource availability and insufficiency constraints. Delays in transfers have recently been minimized.

Expenditure and monitoring against health priorities

Intergovernmental fiscal transfers from central to district level are pooled and there is some flexibility to reallocate according to emerging priorities. For the most part, funds are paid according to priorities with a mix of input and output based payment mechanisms used. Only capitation can be linked with payment for health priorities due to a clear set of indicators in place. While there are diagnosis-related groups (DRGs) at the hospital level, these have not been adjusted in some time and are not sufficient to control and cover costs. The Government of Indonesia is still improving the right mechanisms to ensure accountability and consistency, especially between national and district strategic documents and the annual budgeting and workplan development. There are quarterly reconciliations and annual accountability reports, but the information is limited to absorptive capacity. BPJS (Badan Penyelenggara Jaminan Sosial the Social Insurance Administration Organization that set up JKN), however, has strictly limited access to data including expenditure data, which makes monitoring difficult. At the district level, there are punitive systems in place to ensure adherence to the SPM.







 $Funding \ flow$



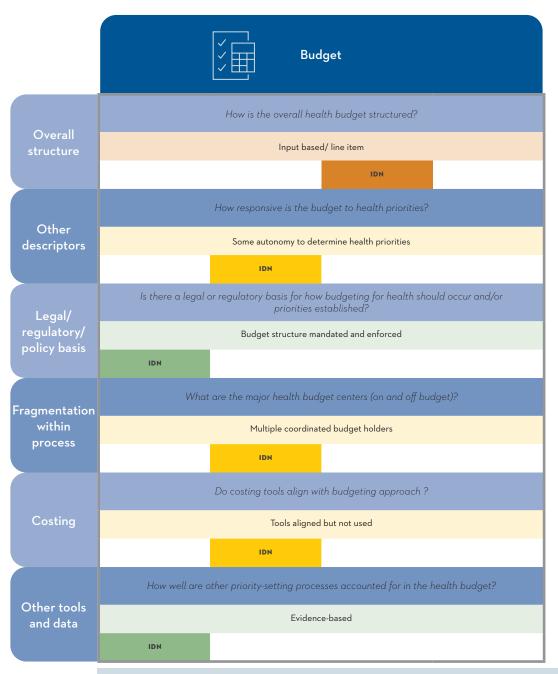
Pathway not relevant in country













Part 1: Budgeting and planning at the national and decentralized levels are fairly well aligned in Indonesia, however the system of budgeting remains input based. Subnational priorities have the greatest impact on shaping budget priorities: while the HSSP and benefits package are both costed, these costs are limitedly used for decision-making. Note that all benchmarks are based on subjective categorization.

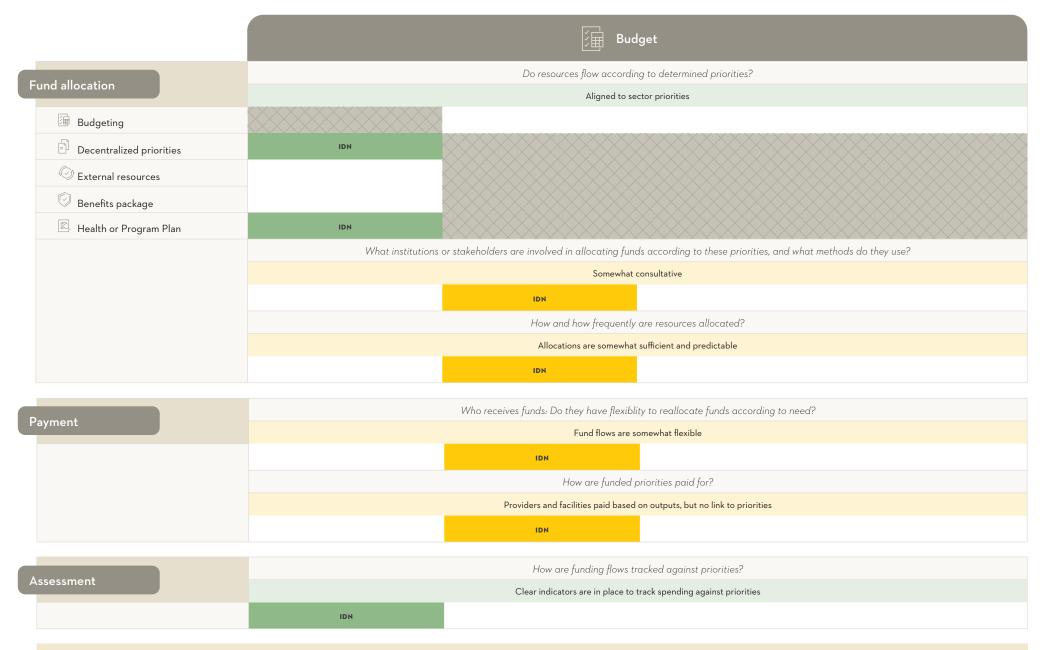
Health systems and financing	Benefits package	External resources	
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?	
Mixed/transitional	Multiple or partial lists for various populations, services, or system levels	Mix	
IDN	IDN	IDN	
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of CHE that comes from external resources?	
Compulsory tax and contributory scheme	All 3 of PHC, tertiary and specialist	< 10%	
IDN	IDN	IDN	
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?	
Financing of health policies and priorities mandated and enforced	Laws and regulations around benefits package but not enforced, current or comprehensive	Donor funding of priorities mandated and enforced	
IDN	IDN	IDN	
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?	
Multiple aligned program plans	Fully unified in overall package	External resources fully aligned to sector priorities	
IDN	IDN	IDN	
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?	
Plans costed, but costs not used	Benefits package costed, but costs not used	There is some knowledge of costs	
IDN	IDN	IDN	
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	
Evidence-based	Evidence-based	None	
IDN	IDN	ИДИ	



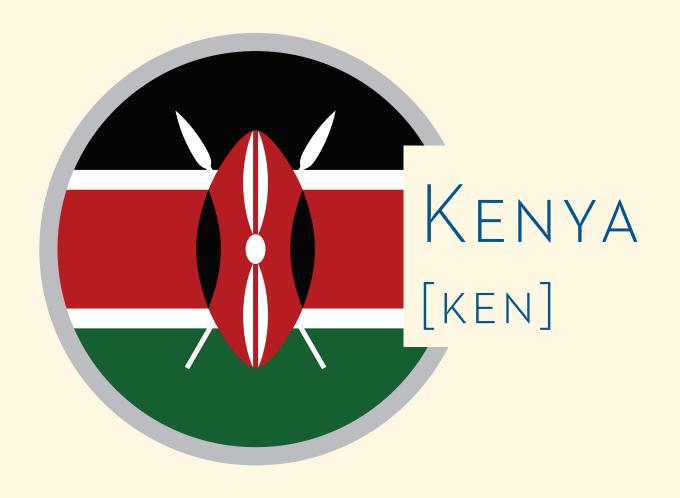








Part 2: Fund flow predictability is improving, although there are issues with sufficiency. Capitation at the PHC level helps to link resources to priorities. DRGs at the hospital level use a clinical pathway that allows for cost control, but in implementation, there are many problems in adherence to regulations and fraud on the side of hospital or in payers (BPJS). At district levels there are systems in place to ensure adherence to SPM, but other reconciliation and accountability reports have limited links to priorities. Note that all benchmarks are based on subjective categorization.







Central and sub-national budgeting process





Kenya has a devolved government. National and county level governments have been transitioning to program-based budgeting since FY2013/14. Central transfers to counties are made in the form of equitable share allocation (based on a revenue sharing formula and allocated as a block grant), conditional grants, and allocations from a Fuel Levy Fund. County governments also raise own source revenues. County governments, in total, command a similar proportion of the budget as the national Ministry of Health. Though program budgeting is done, in practice, budgeting at county level resources are allocated to outcomes and outputs and implemented through line items. However, program-based budgeting in counties has not been implemented fully as expected. The budgeting process is participatory with stakeholder involvement including the community that is involved in identification of interventions. County governments are responsible for administering their own budget including discretion on how to allocate funds to health, subject to the departmental ceiling set by the County Strategy Fiscal Paper. Budget oversight is through the office of the auditor general, the Controller of Budget and county legislature.

Health financing landscape and other priority-setting processes







Domestic general government health expenditure represents approximately 37% of Kenya's current health expenditure. Most of the population accesses services financed through public funds from general government revenues, and 19.1% of the population have a form of health insurance, with 16% covered by the National Hospital Insurance Fund, a contributory insurance scheme which is mandatory for the formal sector. Out-of-pocket payments (often for medicines and diagnostics) represent nearly 31% of current health expenditure. About a fifth of current health expenditure comes from external donors, and this support is largely off-budget. Donor contributions are included within the MOH budget in key areas (e.g. HIV, reproductive health, immunisation and health system support).

At both the national and county level, health priorities are informed by long-term Government Development plans such as the Kenya Vision 2030, the long term health plans such as the Kenya Health policy; the medium term plans such as the Kenya Medium Term Plan III and the annual development plans in addition to reviews of routine health data, national surveys, and consultation with partners.

PART 2

Resource allocation according to health priorities



Prioritization decisions at national and sub-national level are reflected in the Medium-Term Expenditure Framework driven by national and county-level long-term and annual development plans, participatory planning, and priorities from the legislative arm. These are usually delineated in a budget circular issued by the national or sub-national treasury. National and county level governments are required by law to allocate 70% of the budget to recurrent expenses and 30% to development expenses over the medium term. The budget is also informed by the County Budget Review and Outlook paper which looks at the county budget performance in the previous year and the County Fiscal Strategy Paper which frames the fiscal policy and provides expenditure ceilings.

Conditional grant allocations from donor partners (World Bank and DANIDA) require overall increases in health spending and some requirements /conditions for transfers to certain levels of care but not a particular resource allocation formula. Conditional grants from the national government have criteria based on the kind of fund (e.g. conditional grant for user fee removal reimbursement is based on past utilization), and allocations to semi-autonomous referral hospitals are based on budget requests; while that to regional referral facilities is based on inpatient workload as measured by inpatient bed occupancy.

The National Hospital Insurance Fund benefits package development is informed by actuarial analysis and benchmarking, and must be approved by the Board which helps improve its linkages to national health priorities.

Public health service providers that are semi-autonomous (e.g. referral hospitals or national-level service providers) receive block grants and so have greater flexibility to reallocate funds. Most other service providers (mainly the type managed by county governments) have limited ability to reallocate funding in part given reduced access to funds (PFM rules require funds flow through a centrally held account/fund), reduced managerial responsibility over financial management and over input mix. There are also limits to reallocations across budget lines except as is approved by the People's Representatives within Parliament.

PART 2

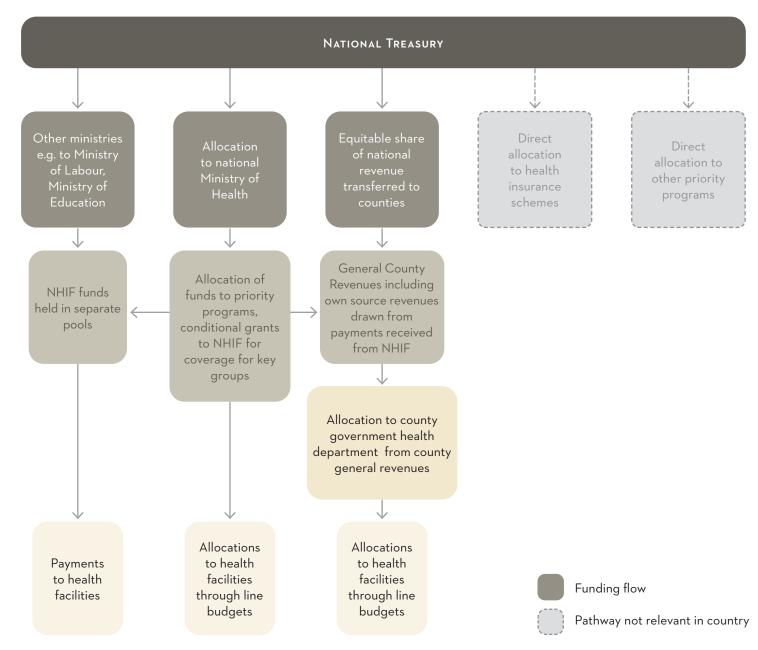
BGD ETH GHA IDN KEN MYS MNG NGA PHL VNM 0

FUND FLOW DIAGRAM

Expenditure and monitoring against health priorities



Providers of health services and public health agencies are paid for mainly using global budgets (for MOH payments for services at public tertiary providers) and line item budgets (for services at the county level), within a budget presented along program lines. Kenya continues to transition to a PBB framework. Other payment mechanisms include capitation, fee for service, case-based payments, and per diem payments (mainly from the NHIF). Expenditure at all levels is mostly tracked by lineitem only. The legislative arm monitors budget implementation through receipt and review of quarterly budget implementation reports. The budget process also requires annual performance review with stakeholder involvement, though this process is underdeveloped especially at the sub-national level. The country has adopted the Integrated Financial Management Information System (IFMIS) system for tracking financial performance within the national and





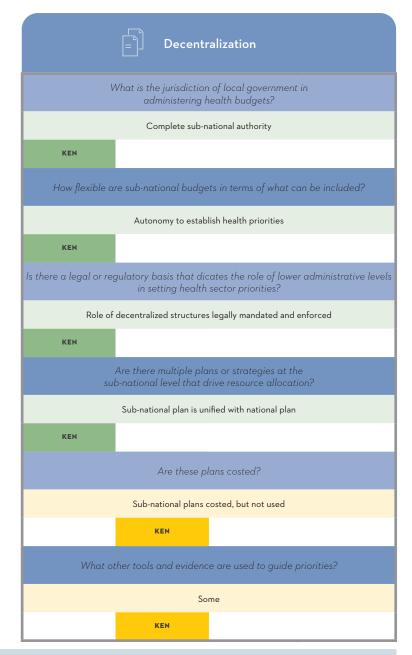


county government.





		Budget	
		How is the overall health budget structured?	
Overall structure		Program-based	
	KEN		
		How responsive is the budget to health priorities?	
Other descriptors		Autonomy to establish health priorities	
	KEN		
Legal/	Is there a legal or regulatory basis for how budgeting for health should occur and/or priorities established?		
regulatory/ policy basis		Budget structure mandated and enforced	
policy is also	KEN		
Fragmentation	What are the major health budget centers (on and off budget)?		
within process		Multiple coordinated budget holders	
process		KEN	
		Do costing tools align with budgeting approach?	
Costing		Tools aligned but not used	
		KEN	
	How well are other priority-setting processes accounted for in the health budget?		
Other tools and data		Evidence-based	
	KEN		



Part 1: Kenya uses a program-based budget, with health sector priorities established in long-term strategic documents. Most of the population access health services through public services and user fees, while those who are formally employed access services through the NHIF.

Health systems and financing	Benefits package	External resources	
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?	
Mixed/transitional	Multiple or partial lists for various populations, services, or system levels	Most donor funding off budget	
KEN	KEN	KEN	
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of THE that comes from external resources?	
Compulsory contributory scheme	All 3 of PHC, tertiary and specialist	10% < x < 50%	
KEN	KEN	KEN	
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?	
Financing of health policies and priorities mandated and enforced	Laws and regulations around benefits package but not enforced, current or comprehensive	Laws and regulations around donor funding but not enforced, current or comprehensive	
KEN	KEN	KEN	
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?	
Fragmented program plans, but linked to overall plan	Fragmented benefits packages, but linked to overall package	Coordination exists, but poor alignment	
KEN	KEN	KEN	
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?	
Plans costed, but costs not used	Benefits package costed, but costs not used	Costed, but costs of programs not available to government	
KEN	KEN	KEN	
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	
Evidence-based	Evidence-based	NA	
KEN	KEN	KEN	



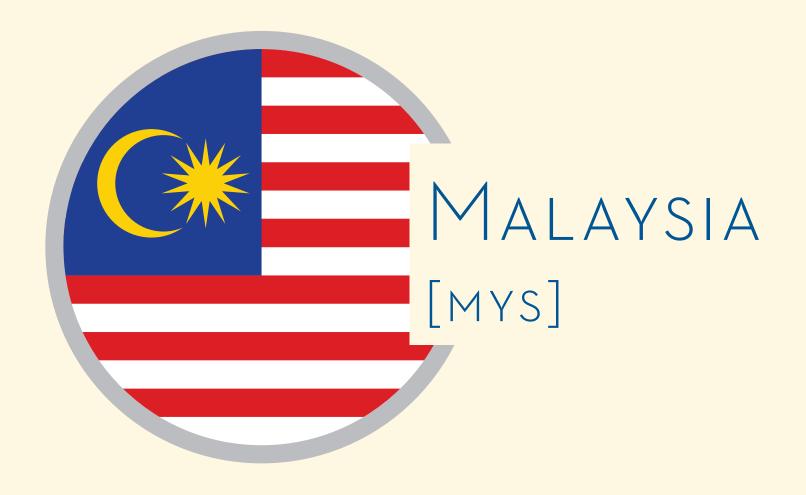


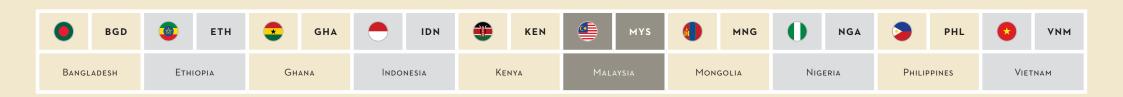




	Budget		
Fund allocation	Do resources flow according to determined priorities?		
Fund anocation	Aligned to sector priorities		
Budgeting			
Decentralized priorities	KEN		
© External resources			
Benefits package			
Health or Program Plan	KEN		
	What institutions or stakeholders are involved in allocating funds according to these priorities, and what methods do they use? Somewhat consultative		
		KEN	
		How and how frequently are resources allocated?	
		Allocations are somewhat sufficient and predictable	
		KEN	
		Who receives funds: Do they have flexiblity to reallocate funds according to need?	
Payment		Fund flows are somewhat flexible	
		KEN	
	How are funded priorities paid for? Providers and facilities paid according to inputs		
		KEN	
	How are funding flows tracked against priorities? Expenditure is tracked against line items only		
Assessment			
		KEN	

Part 2: Resources are largely allocated based on health sector and decentralized priorities through a program-based budget, with somewhat flexible, but often insufficient, funding flows occurring against those priorities. There is budgetary oversight but expenditure is mostly tracked against line-items within annual budget cycles.







Central and sub-national budgeting process





The Ministry of Finance (MOF) allocates a total budget to the Ministry of Health (MOH) based on review of historical expenditure and new policies approved under the Malaysia Plans. Each year, the MOH, with input from the state health departments, proposes a budget for the subsequent year to the MOF and the Cabinet for review and approval, based on earlier expenditures, budget growth trends, and feedback from lower-level budget holders (state health departments, district health offices, and hospitals).

The decision-making platform in MOH uses the following process: 1) Post-cabinet meeting; 2) MOH Policy Committee Meeting; 3) MOH Planning Steering Committee Meeting; 4) MOH Management Meeting; 5) MOH Special Management Meeting; and 6) Director General of Health Malaysia Special Meeting.

The MOH budget is divided among the various programs — Medical, Public Health, Management, Research and Technical Support, Oral Health, Pharmaceutical Services, Food Safety and Quality. These divisions then allocate the budget to states according to their programs. The state health departments in turn allocate to various 'responsibility centers' – including hospitals, district health offices (which manage public health activities and primary care clinics), district dental offices, and pharmacies – using line-item budgeting.

Health financing landscape and other priority-setting processes







Public health expenditure represents approximately half Malaysia's current health expenditure. There is no social health insurance, though public health services to are offered to all of the population (funded by general revenues/ taxation). However, out-of-pocket health spending represents more than a third of current health expenditure. At the national level, health priorities are informed by strategic plans (5-Year Malaysia Plan, health priorities determined by the Director General of Health and the Minister of Health), SDG and Universal Health Coverage targets, and epidemiologic data, national heath accounts, program monitoring data, and routine health data. Though Malaysia is not fiscally decentralized, state and district/hospital level staff conduct situational analyses to identify priority areas of work to inform short term budgets - these analyses are considered by the MOH to inform national annual budgets. Less than 1% of current health expenditure comes

from external donors. Based on a Treasury Circular, a Trust Account was established under Section 9, Act 61 to account for financial contributions from individuals, foreign governments, or international or local bodies which are not entities of the Malaysian government. Such financial contributions are entrusted to government and administered through a Trust Deed for specific purposes. Through this arrangement, financial contributions from external donors are used by the Government in alignment with donors wishes, as long as the funds are subjected to the Trust Deed. All financial contributions for the Trust Account are managed in accordance with the Treasury Circular and for monitoring purposes, a Trust Accounting Committee meeting is held twice a year to report the latest expenses, approve new expenses, and discuss policy matters.

PART 2

Resource allocation according to health priorities



Government health services are almost entirely paid for through a centralized, top-down budget system that allocates funds according to input categories (line items). Budgets cascade downwards from the national Ministry of Health to states, districts, and individual health facilities, such as hospitals. Budgets are programmed according to divisions (programs) within the national ministry, and similar structures are in place at the state level. Public employees are paid salaries at civil service rates.

In 2019, the medical budget accounted for 51% of the total budget. The Ministry of Finance also allocate additional fund through MOH for Peduli Kesihatan for B40 (PeKaB40) which offers non-communicable disease screening for the bottom 40% of population in term of income range.

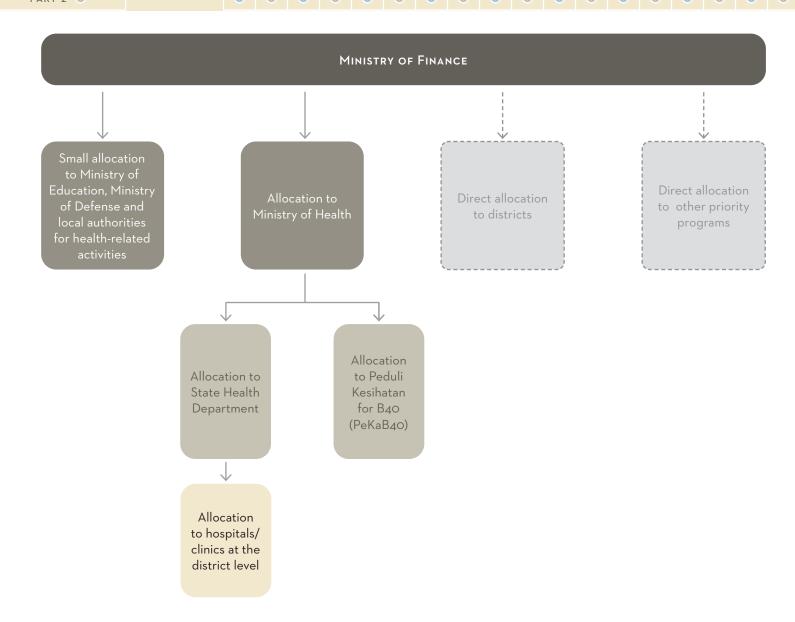
Expenditure and monitoring against health priorities





Public health facilities receive a fixed annual budget, organized under standard budget lines and linked to performance indicators and targets which are set based on priorities. Budget reviews are done on a mid-term and annual basis. Audits are conducted regularly at randomly sampled institutions by MOH Internal and External Auditors. Most of the health budget is contained in line-items which cannot be modified. However, hospitals and district health offices have flexibility to reallocate funding within the budget. To do this, they must apply for the Secretary General's approval.

FUND FLOW DIAGRAM





Funding flow



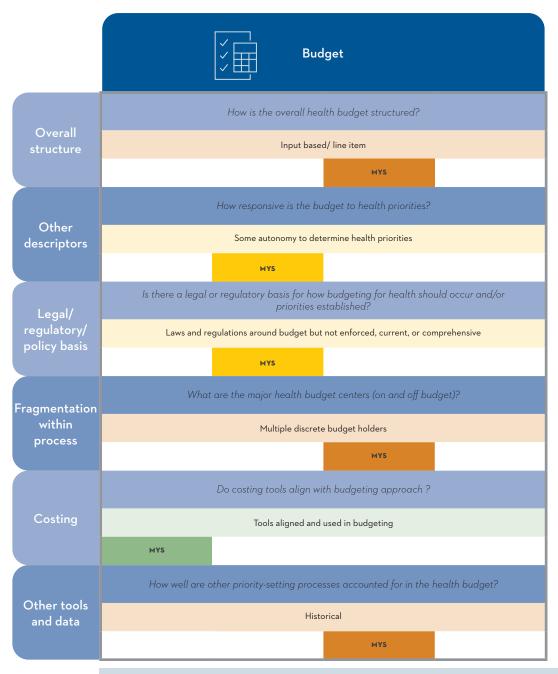
Pathway not relevant in country

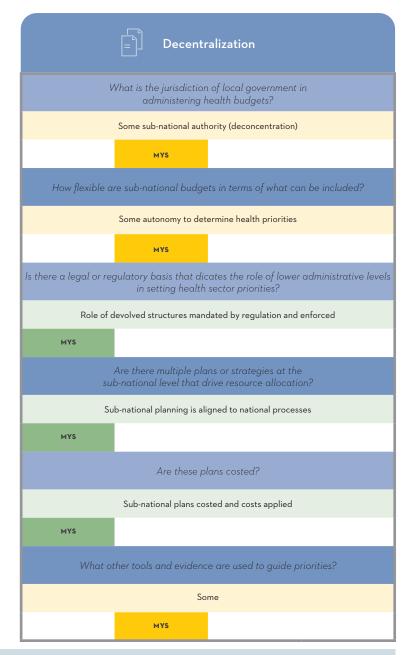












Part 1: Malaysia uses an input-based system. The fiscal system is centralized, with priorities determined by national strategic documents and national steering committee with input from state and district/hospital level consultations on short term budgets. Note that all benchmarks are based on subjective categorization.

Health systems and financing	Benefits package	External resources
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?
Mixed/transitional	Single centrally established negative list	NA
мүѕ	мүѕ	
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of CHE that comes from external resources?
Compulsory tax scheme	All 3 of PHC, tertiary and specialist	< 10%
муѕ	мүѕ	MYS
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?
No laws, regulations around priorities	No laws, regulations around benefits packages	Donor funding of priorities mandated and enforced
MYS	мүѕ	мүѕ
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?
Multiple aligned program plans	Fragmented benefits packages, but linked to overall package	External resources fully aligned to sector priorities
мүѕ	мүѕ	муѕ
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?
Plans costed and costs applied	Benefits packages costed and costs applied	Costs are fully available to government
муѕ	мүѕ	мүѕ
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?
Some	Some	NA
мүѕ	мүѕ	





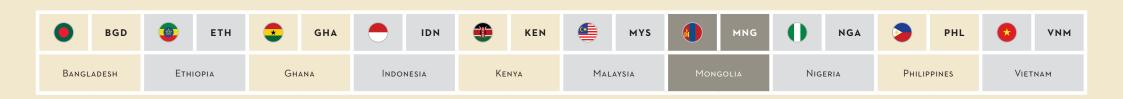




	Budget		
Fund allocation	Do resources flow according to determined priorities? Planning aligned to sector priorities, but funds allocated according to line items		
Fund anocation			
Budgeting	мүѕ		
Decentralized priorities			
© External resources			
Benefits package			
Health or Program Plan			
	What institutions or stakeholders are involved in allocating funds according to these priorities, and what methods do they use?		
	Somewhat consultative		
	мүѕ		
	How and how frequently are resources allocated?		
	Allocations are somewhat sufficient and predictable		
	мүз		
	Who receives funds: Do they have flexiblity to reallocate funds according to need?		
Payment	Fund flows are somewhat flexible		
	муѕ		
	How are funded priorities paid for?		
	Providers and facilities paid based on inputs		
	MYS		
Assessment	How are funding flows tracked against priorities?		
	Expenditure is tracked against line items only		
	мүѕ		

Part 2: Malaysia allocates resources according to historical spending data and consultation with districts and hospitals. Allocations are somewhat predictable and sufficient, with mostly inflexible funding flows occurring against those priorities. Expenditure is tracked against line items. Note that all benchmarks are based on subjective categorization.







Central and sub-national budgeting process





The MOF implements a program-based budgeting approach whereby the health sector uses some form of prioritization to direct resource allocation. However, the linkage between health policies or plans and the budget is seen still weak. Budgeting is incremental based on the previous year's actual execution. Reporting is still on the basis of line items, which limits flexibility and reduces the power of purchasing arrangements. In terms of resource flows, 30-40% of funds go through sub-national governments. The Integrated Budget Law (IBL) mandates the structure of the budget and resource flows. Mongolia is a deconcentrated state with fiscal centralization. However, there is little flexibility or autonomy for budgeting at the sub-national level and the MOH remains the central entity for priority-setting. While there is some legal precedent to include citizen participation, this does not occur. MOH contracts with local provincial governors and district hospital directors, who guide top down decision-making. A separate costed plan is created as a part of this contracting process.

Health financing landscape and other priority-setting processes







Mongolia has a mixed transitional system with OOP as a percentage of CHE at 36%. Donor resources are only 4% of CHE, and do not flow through government channels. There is understaffing and little human resource capacity to monitor donor funding. Currently, two healthcare purchasing mechanisms operate in Mongolia: (1) the tax-funded system and (2) social health insurance. Under the tax-funded system, Ministry of Health (MOH) purchase a defined package of healthcare services from public healthcare providers for the population in Mongolia. under SHI, the Health and Social Insurance General Office (HSIGO) is responsible for collecting contributions from SHI members, managing health insurance funds and purchasing healthcare services from accredited public and private healthcare providers. Social health insurance covers approximately 90% of the population in 2018 and is contributory. While intended to cover out and inpatient care, the SHI program mostly includes curative care at secondary and tertiary level hospitals with some outpatient services. The government covers provision of preventive, public health and maternal and child care, as

well as treatment of chronic and infectious diseases such as diabetes and HIV/AIDS. Health and health insurance laws differentiate medical care that is covered by the government vs the insurance program. Benefits covered by SHI will increase and expand as the system gets stronger in order to reduce burden on the state budget. A health sector master plan is currently under development which will be the implementation plan for the state policy. No cost effectiveness analysis or budget impact analysis is used for decision-making.

PART 2

Resource allocation according to health priorities



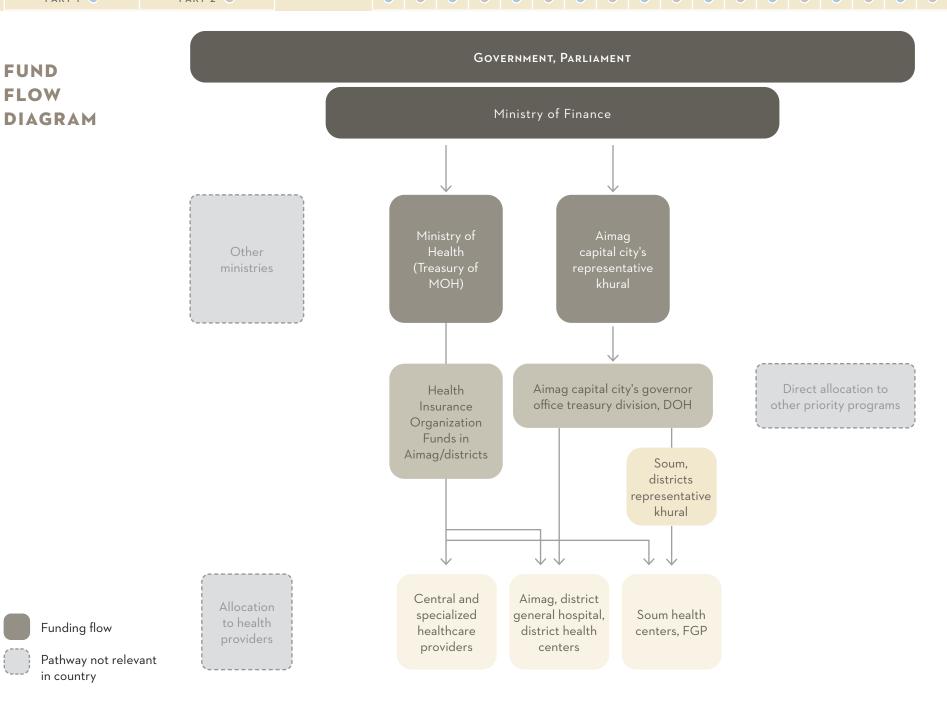
While at the decentralized level some local priorities are taken into account, as a whole planning is still driven by inputs instead of being output-based. There is no clear plan for how to match health service provision with population health needs in Mongolia for either the Health Insurance Organization or general budget revenues. Finance officers in the MOH use some criteria such as population growth, number of beds etc. to make decisions on resource allocation. A capitation formula is used and adjusted based on other needs-based drivers. Inter governmental transfers are not stable, predictable, and transparent. The current system prevents the public purchaser from using output information and needs-based information to allocate resources. Resource allocation is mostly based on historical budgeting,

Expenditure and monitoring against health priorities





While strategic purchasing mechanisms are in place on the revenue side, line item budgets are the main mechanism used to transfer resources to healthcare providers under the tax-funded system. Primary health care providers receive capitation-based resource allocations. The health insurance authority has some autonomy but is not able to act as an active purchaser. There is lack of flexibility to reallocate funds to priorities, although a 2013 law allowed for greater flexibility at the hospital level. Reporting occurs around line items only and there is no mechanism for reviewing and revising resource allocation decisions. Financial budget reports are also ready too late in the year to be used to inform resource allocations.



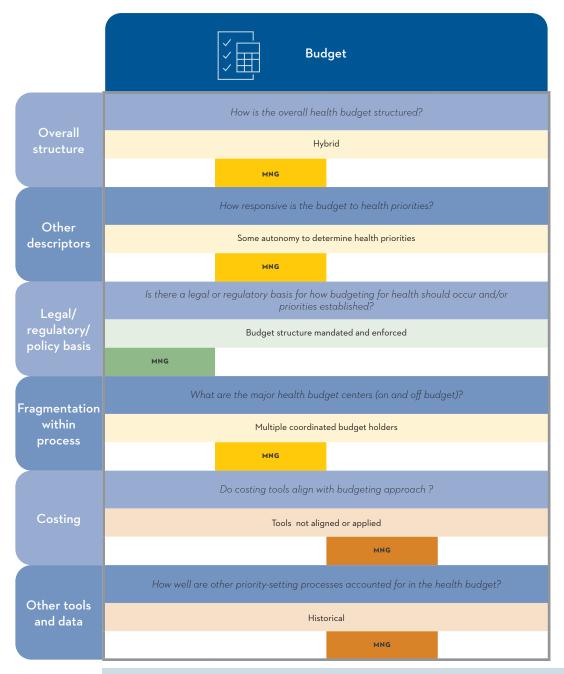


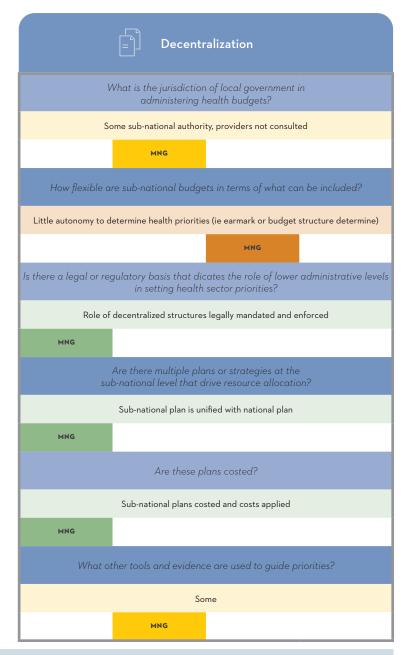
FUND FLOW











Part 1: While some program-based elements are in place, the role of priority-setting in the budget is limited due to reporting against line items. At decentralized levels, contracting defines the parameters of how priorities are set. Benefits are split between the NHI and public sector. The benefits package(s) are not costed. Note that all benchmarks are based on subjective categorization.

Health systems and financing	Benefits package	External resources	
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?	
Mixed/transitional	Multiple or partial lists for various populations, services, or system levels	Most donor funding off budget	
MNG	MNG	MNG	
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of CHE that comes from external resources?	
Compulsory or non compulsory tax or contributory scheme	All 3 of PHC, tertiary and specialist	< 10%	
мис	MNG	мид	
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?	
Laws and regulations around priroties but not enforced, current or comprehensive	Laws and regulations around benefits package but not enforced, current or comprehensive	Donor funding of priorities mandated and enforced	
MNG	MNG	MNG	
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?	
Program plans fully unified in overall plan	Fragmented benefits packages	Coordinaton exists, but poor alignment	
MNG	мис	мис	
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?	
Programs and/or sector plan uncosted	Benefits package uncosted	There is some knowledge of costs	
MNG	MNG	MNG	
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	
Some	None	None	
MNG	MNG	MNG	



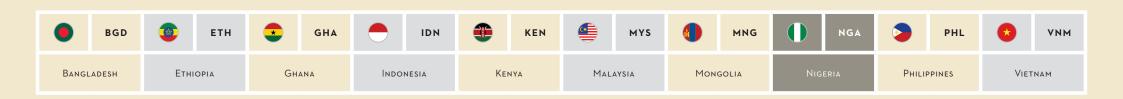




	Budget			
Fund allocation	Do resources flow according to determined priorities?			
Tund anocación		Historical, line it	tem budgeting	
Budgeting			MNG	
Decentralized priorities	MNG			
© External resources				
Benefits package				
Health or Program Plan				
	What institutions or sto	akeholders are involved in allocating fund	s according to these priorities, and what me	thods do they use?
		Somewhat c	onsultative	
		MNG		
	How and how frequently are resources allocated? Allocations are somewhat sufficient and predictable			
		MNG		
		Who receives funds. Do they have flexiblit	ty to reallegate funds according to peod?	
Payment	Who receives funds: Do they have flexiblity to reallocate funds according to need? Fund flows are somewhat flexible MNG How are funded priorities paid for? Providers and facilities paid based on inputs			
			riorities paid for?	
			MNG	
	How are funding flows tracked against priorities? Expenditure is tracked against line items only			
Assessment				
мид				

Part 2: Some prioritization informs resource allocation, but the role for priority-setting is limited. For the most part, historical budgeting informs trends. While strategic purchasing mechanisms are in place on the revenue side, all expenditure reporting is by line item. Note that all benchmarks are based on subjective categorization.







Central and sub-national budgeting process





Decentralization in Nigeria means that state and local government authorities have jurisdiction to plan and administer health budgets. At the federal level, there is input based line item budgeting with Ministries, Departments and Agencies being allocated funds under personnel, overhead, recurrent and capital expense categories. State governments receive block grants and earmarked grants from the federal government which is then allocated to State Ministries of Health according to national and local priorities. State Ministries of Health make further allocations to regional programs and to districts via another level of block grants.

Health financing landscape and other priority-setting processes







Domestic general government health expenditure represents approximately 13% of Nigeria's current health expenditure. Health care is financed through four mechanisms: public funds (federal, state and local), insurance (private and public), user fees, and donor support. There are two publicly funded benefit packages prescribed by law at the Federal level for which the National Health Insurance Scheme purchases services. States are at liberty to also define their own benefit package depending on their financing capacity and existing epidemiology. However out-of-pocket payment remain very high at over 75%.

At the national level, health priorities are informed by key strategic documents - the National Health Policy and the Health System Development Plan II. Nearly 10% of current health expenditure comes from external donors which comes in a combination of on and off budget resources. Although platforms for partnership coordination exist, ensuring donor alignment to national priorities and programs remains a challenge.

PART 2

Resource allocation according to health priorities



During the planning stage a 'call circular' is issued by the Ministry of Budget and National Planning to each Ministry to develop their budget aligning with existing national strategy. Unless the circular specifies the envelope for the budget, zero-based budgeting is undertaken. Budget proposals and allocations are consultative but tend to be based on historical budget data. If there are current epidemics or public health emergencies that will require urgent interventions, then decisions are made based on these priorities. Funds are then transferred to the Federal Ministry of Health and separately, to National Health Insurance Scheme, the National PHC Development Agency and State Governments via block grants and earmarked grants. There is a soft earmark wherein some percentage of funds can be reallocated. The remaining allocation remains restricted. Federal Ministry of Health allocates to federal teaching/tertiary hospitals. State Governments then make allocations to the State Ministries of Health which in turn allocates to State teaching/ tertiary hospitals and State specialist/general hospitals. Local Government Authorities that receive funding from the State allocation and local and federal revenue fund PHC Centers. Processes for prioritization during budget implementation and operational planning vary but tends to rely on historical trends or political priorities.

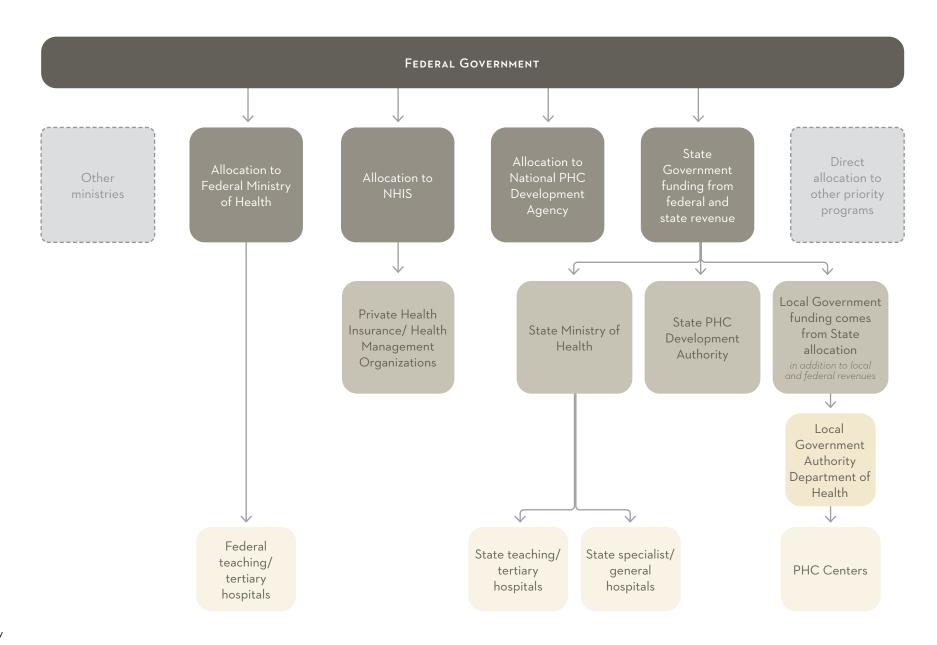
Expenditure and monitoring against health priorities





There are different (and often multiple/ fragmented) sources and modalities of paying for funded priorities, overall, they are paid for based on inputs. Monitoring is limited, however there are systematic reporting mechanism. The District Health Information System serves this purpose but the use of existing data for decision-making is poor and not well aligned. Each year at the National Council on Health Meeting, the monitoring and evaluation division of the Department of Health Planning Research and Statistics gives a detailed status report of key performance indicators for the sector that tracks implementation of activities. All States annually publish an audited report of their health budgets and expenditure which includes both capital and expenditure.

FUND FLOW DIAGRAM





Funding flow



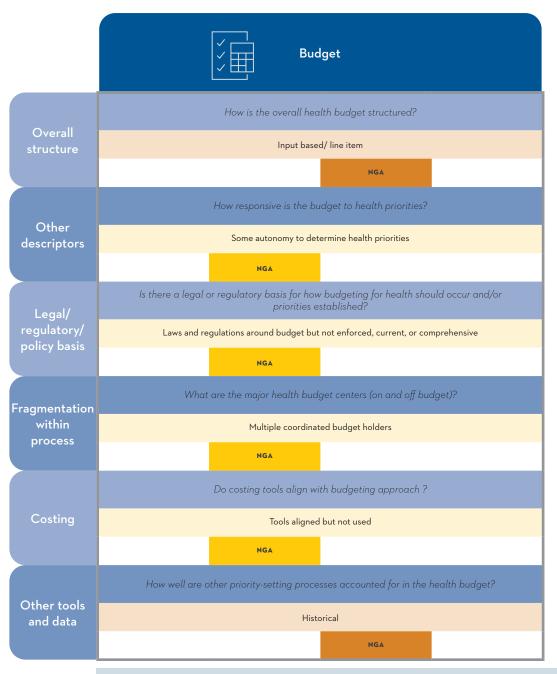
Pathway not relevant in country













Part 1: The prioritization processes in Nigeria are consultative, with health sector priorities established in long-term strategic documents and decentralized priorities informing a participatory budget process. Note that all benchmarks are based on subjective categorization.

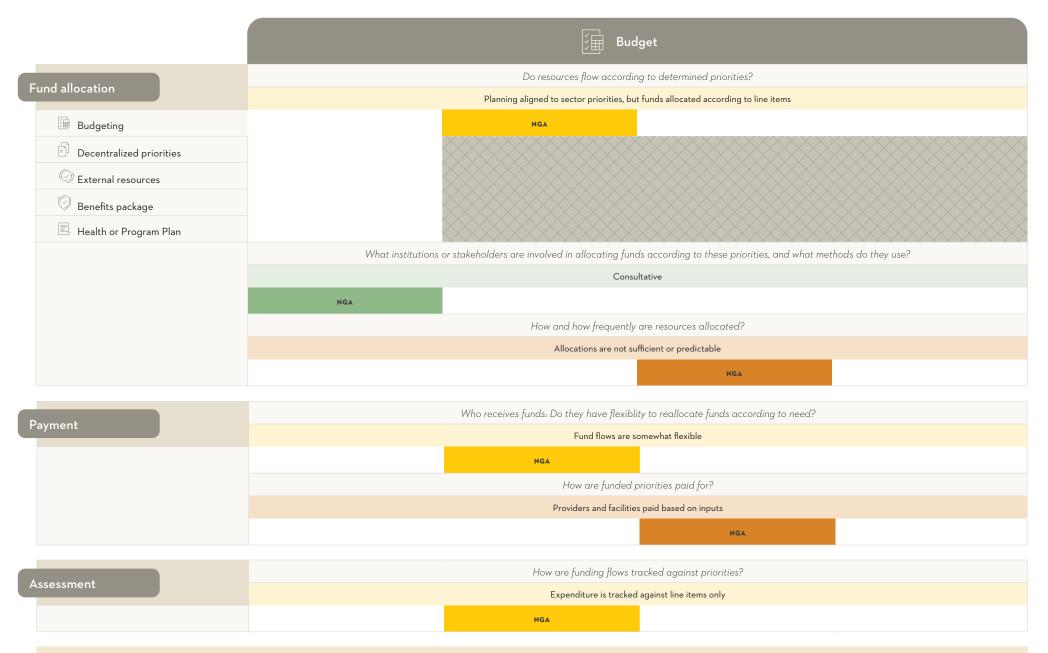
Health systems and financing	Benefits package	External resources	
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?	
Out-of-pocket payments and private sector financing	Multiple or partial lists for various populations, services, or system levels	Mix	
NGA	NGA	NGA	
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of CHE that comes from external resources?	
Regulated private for profit	One/more of tertiary, specialist and PHC, but not all	< 10%	
NGA	NGA	NGA	
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?	
Laws and regulations around priroties but not enforced, current or comprehensive	Laws and regulations around benefits package but not enforced, current or comprehensive	Laws and regulations around priorities but not enforced, current or comprehensive	
NGA	NGA	NGA	
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?	
Multiple aligned program plans	Fragmented benefits packages	Coordinaton exists, but poor alignment	
NGA	NGA	NGA	
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?	
Plans costed, but costs not used	Benefits package costed, but costs not used	There is some knowledge of costs	
NGA	NGA	NGA	
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	
Some	Some	Some	
NGA	NGA	NGA	





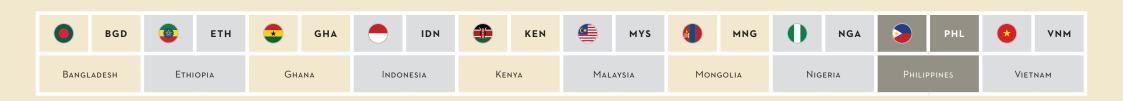






Part 2: Resources are largely allocated based on health sector and decentralized priorities, with somewhat flexible, but often insufficient, funding flows occurring against those priorities. There is limited systematic reporting (and where available, reports are mainly not utilized for decision-making). There is no annual process to evaluate expenditure against priorities within annual budget cycles. The National Health Accounts study (which is not conducted every year) is however used to evaluate expenditure against priorities. Note that all benchmarks are based on subjective categorization.







Central and sub-national budgeting process





The Philippines transitioned toward a program-based Budgeting structure in 2018 as part of the Performance Informed Budget initiative by the Department of Budget and Management (DBM). National health priorities strongly inform the budgeting process, in line with the DBM budget priorities framework. Within annual national budget cycles, priorities for spending are established by the Department of Budget and Management and approved by Congress ahead of the annual budget cycle. Sub-national government budget formation follows the national cycle, issuing a Local Budget Memorandum which aligns with national priorities but reflects local priorities and needs.

Health financing landscape and other priority-setting processes







Domestic general government health expenditure represents approximately a third of the Philippines' current health expenditure. Filipinos may access universal health care through the Philippines Health Insurance Corporation, a parastatal institution which offers a costed benefits package to all citizens through a mix of user fees and government subsidies for the poor. However, out-of-pocket payments are high, representing more than half of current health expenditure. At the national level, health priorities are informed by the Department of Health (DOH)-published National Objectives for Health (a medium-term strategic plan) and the Philippine Development Plan. The country is fully devolved, so local government units (LGU) plan, manage and implement local health programs and services using a mix of central financing and local tax revenue. LGUs receive internal allotments from the DBM and exercise discretion on what proportion 80% of the internal grants and all of local revenue are allocated to health, with 20% of the grant allocated in line with a centrally-approved local Comprehensive Development Plans (a medium-term strategic plan) which aligns with Provincial Development Plans. Less than 3% of current health expenditure comes from external donors, and this support is largely off-budget. However, the Philippines requires that all overseas development assistance have government oversight and are aligned with national strategic priorities, and the DOH holds regular coordination meetings with external donors.

PART 2

Resource allocation according to health priorities



Priorities established in the National Objectives for Health inform the national health budget, Within the health budget set percentages are mandated for allocation to central programs, local governments, Philippine Health Insurance Corporation (PhilHealth), and to attached corporations of the DOH.

Funds are allocated to operating units against established national priorities and according to budget allocations that are made along pre-determined proportions which are shared among multiple budget holders. The DOH allocates most funds to pay directly for DOH-retained staff and National Hospitals, and other centrally-operated institutions. PhilHealth receives an allocation from the DOH budget for a subsidy of premium co-payments for special populations. Local governments receive an allocation of which 20% must be spent on centrally-approved priorities and the rest can be spent at the LGU's discretion.

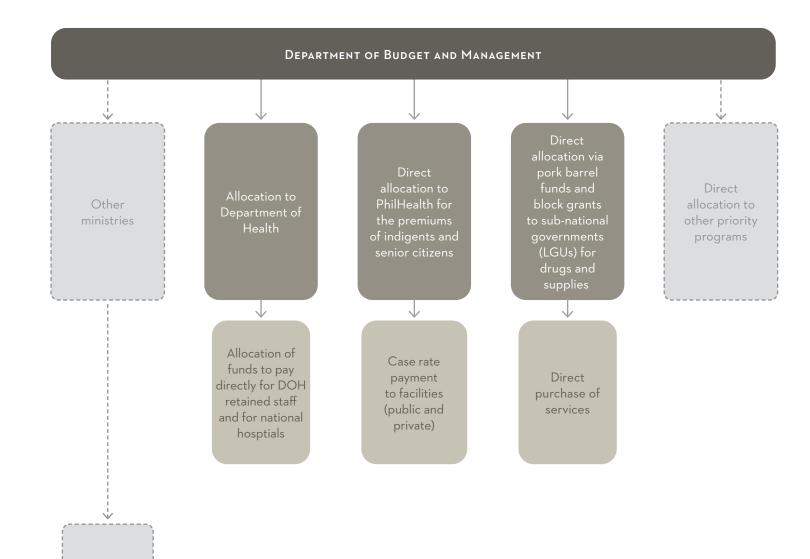
Expenditure and monitoring against health priorities





Payments to operating units are done by output, and performance indicators are published annually with the General Appropriations Act, which sets out the national budget. These indicators are used to measure spending against performance in audits and accountability reports. Deviations from original allocations by any central operating unit requires an approval process involving the Department of Budget and Management with Executive approval, and local governments must receive approval from the Department of Budget and Management.

FUND FLOW DIAGRAM





Funding flow



Pathway not relevant in country

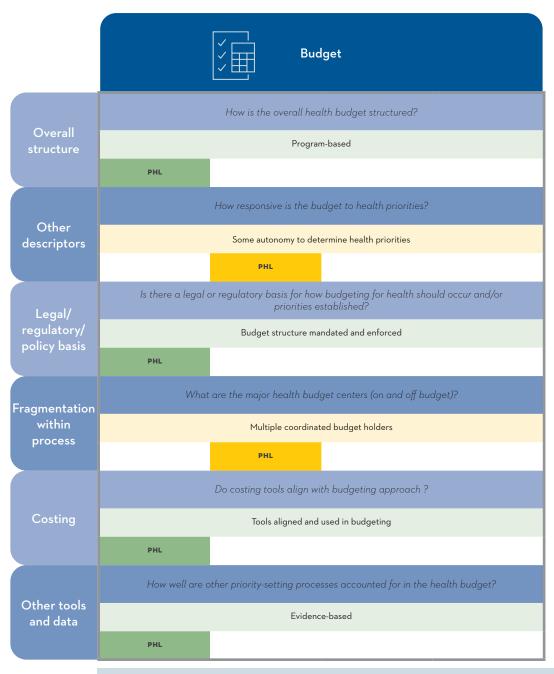
Allocation to providers













Part 1: Budgeting and planning at the national and decentralized levels are fairly well aligned in the Philippines, with health sector reflected in a program-based budgeting structure, and local governments establishing priorities for spending in line with local and national priorities. Note that all benchmarks are based on subjective categorization.

Health systems and financing	Benefits package	External resources
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to health?
Primarily public finance	Centrally established positive list	Most donor funding on budget
PHL	PHL	PHL
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of CHE that comes from external resources?
Regulated private for profit and not-for-profit	All 3 of PHC, tertiary and specialist	<10%
PHL	PHL	PHL
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?
Financing of health policies and priorities mandated and enforced	Laws and regulations around benefits package but not enforced, current or comprehensive	Donor funding of priorities mandated and enforced
PHL	PHL	PHL
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder [eg. TB, HIV etc.]?	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?
Program plans fully unified in overall plan	Fully unified in overall package	External resources fully aligned to sector priorities
PHL	PHL	PHL
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?
Plans costed and costs applied	Benefits package costed and costs applied	Costs are fully available to government
PHL	PHL	PHL
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?
Some	Evidence-based	Some
PHL	PHL	PHL





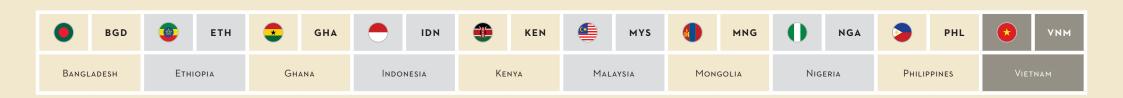






Part 2: Resources are largely allocated based on health sector and decentralized priorities, with flexible and reliable funding flows occurring against those priorities. Performance indicators are used to assess spending in audits conducted within the budget cycle. Note that all benchmarks are based on subjective categorization.







Central and sub-national budgeting process





Vietnam has a fiscally decentralized government and uses an input-based system. At the central level, the state budget is granted to the Ministry of Health (MOH), which oversees hospitals and services under MOH control, while the provincial budgets are determined by centrally-determined allocation norms per capita that take into account region and need. Provincial governments determine budget allocations according to national and local priorities. About a third of the state budget for health is held by the MOH, while the rest is held by local governments.

Health financing landscape and other priority-setting processes







Domestic general government health expenditure represents most of Vietnam's current health expenditure. More than two-thirds of the population is enrolled in the Social Health Insurance Scheme, which offers a comprehensive health services package. However, out-of-pocket payments are still more than 40% of current health expenditure. At the central level, there is not a law or regulation on how budget priorities are established, though decisions are guided by the 5-year National Strategy and a Medium-term Expenditure Framework and policy document, which set benchmarks for health spending by the government. These benchmarks emphasize preventative medicine, public health, disadvantaged and poor populations/provinces, amongst other priorities. Funding levels for provinces are determined by centrally-determined allocation norms per capita which considers the regional categorization and level of need. Regional and municipal governments have the autonomy to determine local priorities but are encouraged by the state to adhere to a principle where at least 30% is spent on preventive medicine. Less than 2% current health expenditure comes from external donors, and this support is largely on-budget. Major donor support is directed through general budget support where it is combined with general budgets.

PART 2

Resource allocation according to health priorities



At the Ministry of Health level, budget allocations are informed by the 5-year National Strategy and a Medium-term Expenditure Framework, but allocations from the MOH to hospitals and services under MOH control are input-based. At the provincial level, the allocation of state budget and financial management is decided by the People's Council and People's Committee, and most allocation for health is based on inputs (i.e., by patient bed, regulated norms). Allocations to health vary by province; often prioritization of competing sector projects reduces the local budget for health.

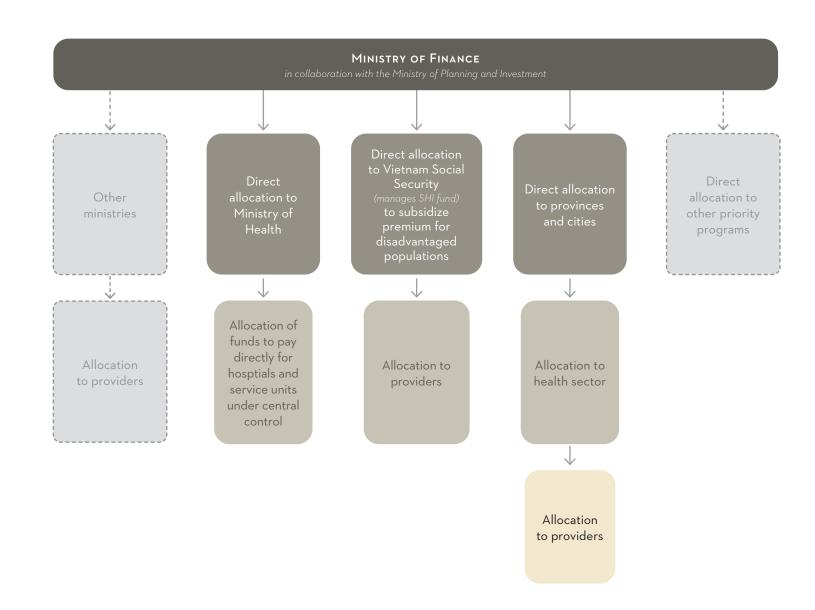
Expenditure and monitoring against health priorities



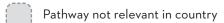


The annual health budget is granted directly to the units providing services through the Ministry of Health, including hospitals and units directly under the central government or departments of health/departments of finance for the provinces. Localities with decentralized authorities have the ability to decide on the budget allocation for local health agencies and have flexibility to reallocate. Expenditures are tracked against line items during an audit.

FUND FLOW DIAGRAM





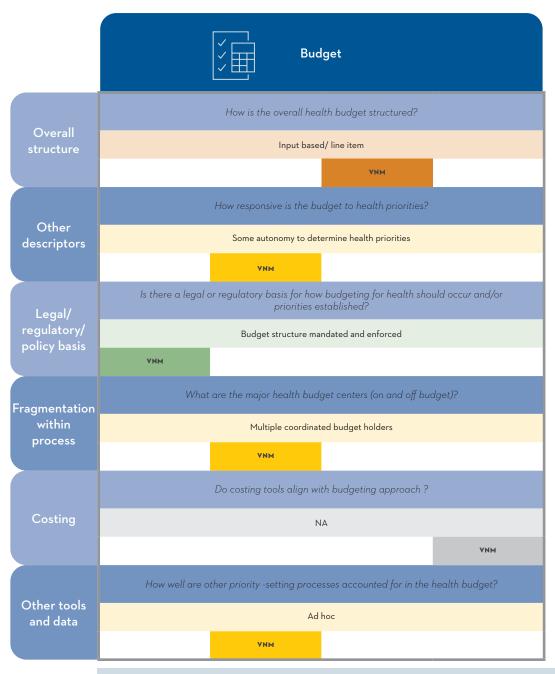


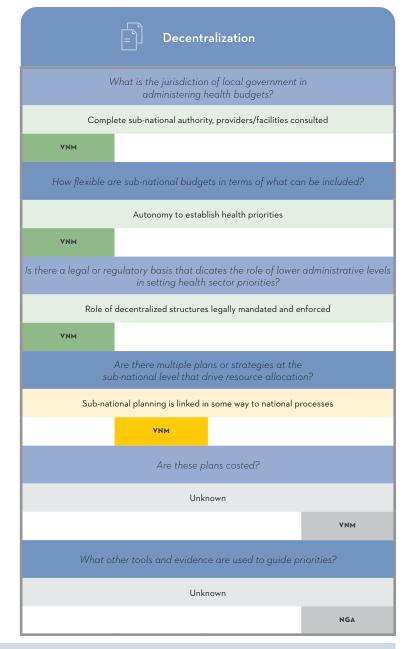












Part 1: At the central level, Vietnam has an input-based budgeting system, using allocation formulas and budget law to guide priorities. Provinces also use an input-based system, using locally-determined priorities and a national mandate to prioritize primary health care to guide allocations. Note that all benchmarks are based on subjective categorization.

Health systems and financing	Benefits package	External resources			
How would you categorize the domestic health system financing structure?	How is/are the public benefits package(s) structured?	How would you categorize the partner landscape in terms of financial contributions to heatlh?			
Primarily public finance	Centrally established positive list	Most donor funding on budget			
VNM	VNM	VNM			
How does the majority of the population access services?	What is included in the benefits package? How often is it reviewed?	What is the % of CHE that comes from external resources?			
Compulsory or non compulsory contributory scheme	All 3 of PHC, tertiary and specialist	<10%			
VNM	VNM	VNM			
Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities?	Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package?	Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities?			
No laws, regulations around priorities	Laws and regulations around benefits package but not enforced, current or comprehensive	Donor funding of priorities mandated and enforced			
VNM	VNM	VNM			
Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]	Outside of the main package, are there other packages specified for specific programs?	Are external resources aligned to priorities of the major budget holder?			
Program plans fully unified in overall plan	Fully unified in overall package	External resources fully aligned to sector priorities			
VNM	VNM	VNM			
Are these plans costed and/or linked to a health financing strategy?	How is/are the benefits package(s) costed?	Are the costs of donor programs transparent and available to the government?			
NA	Benefits package uncosted	Costs are fully available to government			
VNM	VNM	VNM			
What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?	What other tools and evidence are used to guide priorities?			
NA	Some	Evidence-based			
VNM	VNM	VNM			









	Budget								
Fund allocation	Do resources flow according to determined priorities?								
Fund anocation	Planning aligned to sector priorities, but funds allocated according to line items								
Budgeting	У ММ								
Decentralized priorities									
© External resources									
Benefits package									
Health or Program Plan									
	What institutions or stakeholders are involved in allocating funds according to these priorities, and what methods do they use?								
	Somewhat consultative								
	VNM								
	How and how frequently are resources allocated?								
	Allocations are somewhat sufficient and predictable								
	VNM								
	Who receives funds: Do they have flexiblity to reallocate funds according to need?								
Payment	vvno receives funas: Do tney have flexibility to reallocate funas according to need? Fund flows are flexible								
	VNM								
	How are funded priorities paid for?								
	Providers and facilities paid based on inputs								
	VNM								
A	How are funding flows tracked against priorities?								
Assessment	Expenditure is tracked against line items only								
	VNM								

Part 2: Resources are largely allocated based according to line item at the national and sub-national level through a somewhat consultative process. Allocations are somewhat sufficient, predictable and flexible. Funding flows occurring against those priorities. Expenditures are tracked against line item. Note that all benchmarks are based on subjective categorization.

Annexes

HEPRA DATABASE ANNEXES

ANNEX A: HEPRA SUITE AT A GLANCE

HePRA is intended to be independently used by readers who are interested in learning about their countries priority-setting and resource allocation landscape. To support readers in self-populating the tool, which consists of both a questionnaire and visualizations, this Annex will walk through the structure of the HePRA suite in greater detail. A database of detailed country responses that feed into the summary are also included. Readers may also use the rapid response version of the HePRA Tool in Annex B in their own setting.

HePRA organizes the landscape of priority-setting for health in two parts: **PRIORITY-SETTING** and **RESOURCE ALLOCATION**.

Part 1

In the first part, priority-setting is described across the five major processes that can impact how health priorities are established: budget structure (the backbone of resource allocation), decentralization, health systems and financing structure, benefits package, and external resources for health. These five processes make up the overarching columns within HePRA.

Standardized

HePRA Suite



HEPRA DATABASE 2019

View the detailed responses from the 10 pilot countries in this Excel document.

www.jointlearningnetwork.org/resources/health-priority-settingand-resource-allocation-tool/



BLANK HEPRA QUESTIONNAIRE

Use this Word document to compile your own detailed responses and determine your benchmarks. You can also build your Funding Flow Diagram from this template.

www.jointlearningnetwork.org/resources/blank-hepra-tool/



BLANK HEPRA VISUALIZATIONS

Once you have determined your benchmarks, use this PDF to populate your own visualization.

www.jointlearningnetwork.org/resources/blank-hepra-visualization/

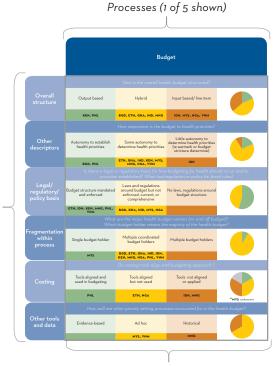


HEALTH PRIORITY SETTING AND RESOURCE ALLOCATION BENCHMARKING TOOL

This tool includes both a questionnaire and visualization that can be used to create a HePRA Database for your country.

 $\underline{www.jointlearningnetwork.org/resources/health-priority-setting-\\ \underline{and-resource-allocation-benchmarking-tool/}$

Within each process, the tool lays out six standardized areas which address major components of the processes (overall structure, other descriptors, legal, regulatory, and policy environment, fragmentation, costing, and use of other tools and data to inform prioritization) across rows with accompanying questions. Standardized benchmarks can then be selected to synthesize the narrative response.



Overview of all/selection of country results for standardized benchmarks

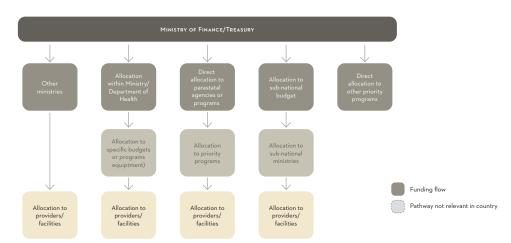
Part 2

In the second part, to draw together responses across the five major processes in the tool, HePRA features a high-level set of questions and benchmarks to identify whether funds are allocated according to established priorities, who is involved in allocation decisions, and whether that fund flow is adequate and on time; how funds flow with respect to payment to budget centers and providers, and whether there is flexibility to make changes against emerging priorities; and finally whether there are systems in place to track that funds have indeed been spent according to these identified priorities. Standardized benchmarks can then be selected to capture the nature of each response.

Resource allocation steps (1 of 3 shown) | The district loss of the program Plan | December 1 of the production of the program Plan | December 1 of the production of the program Plan | December 1 of the production of the program Plan | December 1 of the production of the production of the program Plan | December 1 of the program Plan | December 1 of the production of t

Funding flow diagram

The funding flow diagram is meant to depict the flow of public funds, from the point of disbursement at the central level, to the Ministry/Department of Health and other entities, through sub-national budget holders and ultimately to providers. The diagram can illustrate where and how decision-making processes drive resource allocation across levels of government and budget holders. The diagram is intended to crystalize which budget holder perspective will be taken when populating the HePRA Tool. We suggest a using the standard template provided in the HePRA Tool.









ANNEX B: RAPID HEPRA BENCHMARKING TOOL

This blank template of the HePRA Tool combines the questions and benchmarks into a single tool for rapid response in order to make answering questions and constructing visualizations easier. More detailed responses can be captured in the word version of the HePRA Questionnaire.



BLANK HEPRA QUESTIONNAIRE

Use this Word document to compile your own detailed responses and determine your benchmarks. You can also build your Funding Flow Diagram from this template.

www.jointlearningnetwork.org/resources/blank-hepra-tool/



HEALTH PRIORITY SETTING AND RESOURCE ALLOCATION BENCHMARKING TOOL

This tool includes both a questionnaire and visualization that can be used to create a HePRA Database for your country.

www.jointlearningnetwork.org/resources/health-priority-settingand-resource-allocation-benchmarking-tool/

PART 1: PRIORITIZATION PROCESSES

Questions and benchmarks to describe five major priority-setting elements - please take the perspective of the major budget holder in country where needed and indicate that perspective where relevant. Please indicate the response to the question by placing a "check" in the relevant colored box and adding explanatory notes where needed.

Name of budget holder (please select either major budget holder or chose perspective of a single entity or level where relevant):_



Overall structure

- 1. How is the overall health budget structured?
 - Program based
 - Hybrid
 - Input based/line item

Notes

Other descriptors

- 2. How responsive is the budget to health priorities?
 - Autonomy to establish health priorities
 - Some autonomy to determine health
 - Little autonomy to determine health priorities (i.e. earmark or budget structure determine)

Notes

Legal/regulatory/policy basis

- 3. Is there a legal or regulatory basis for how budgeting should occur and/or priorities established? What law/regulation or policy (ie, fiscal rules)
 - Budget structure mandated and enforced
 - Laws and regulations around budget but not enforced/ current/ comprehensive
 - No laws, regulations around budget structure

Notes

Fragmentation within process

- 4. What are the major health budget centers (on and off budget)? Which budget holder retains the majority of the health budget? Notes
 - Single budget holder
 - Multiple coordinated budget holders
 - Multiple budget holders

Costing

- 5. Do costing tools align with budgeting approach? Notes
 - Tools aligned and used in budgeting
 - Tools aligned but not used Tools not aligned or applied

Other tools and data

- 6. How well are other priority-setting processes accounted for in the health budget?
 - Evidence-based
 - Ad hoc
 - Historica

Notes



Overall Structure

- 7. What is the jurisdiction of local government in administering health budgets?
 - Complete sub-national authority, providers/ facilities consulted
 - Some sub-national authority, providers not consulted
 - No fiscal decentralization

Other descriptors

- 8. How flexible are sub-national budgets in terms of what can be included?
 - Autonomy to establish health priorities
 - Some autonomy to determine health
 - Little autonomy to determine health priorities (i.e. hard earmark or budget structure determine priorities)

Legal/regulatory/policy basis

- 9. Is there a legal or regulatory basis that dictates the role of lower administrative levels in setting health sector priorities?
 - Role of decentralized structures legally mandated and enforced
 - Laws and regulations around decentralized role but not enforced/ current/ comprehensive
 - No laws, regulations around role of decentralized structure

Fragmentation within process

- 10. Are there multiple plans or strategies at the sub-national level that drive resource allocation?
 - Sub-national plan is unified with national plan
 - Sub-national planning is somewhat linked to national processes
 - Sub-national planning is fragmented

Costing

- 11. Are these plans costed?
 - Sub-national plans costed and costs applied
 - Sub-national plans costed, but costs not used Sub-national plans uncosted
- Notes

Other tools and data

- 12. What other tools and evidence are used to guide priorities? Please describe who is involved in the process.
 - Evidence-based
 - Some
 - None

Notes

HEALTH SYSTEMS AND FINANCING

Overall Structure

- 13. How would you categorize the domestic health system financing structure?
 - Primarily public finance Mixed/transitional
 - Out-of-pocket payments and private sector financing

Notes

Other descriptors

- 14. How does the majority of the population access services? Please describe
 - Compulsory or non-compulsory tax or contributory scheme (choose one of each)
 - Regulated private for profit or not-for-profit (choose one)
 - Unregulated private for profit or not-for-profit (choose one)

N	otes

- Legal/regulatory/policy basis
- 15. Is there a legal or regulatory basis that dictates how resources should be allocated against health sector priorities? What law/regulation or policy?
 - Financing of health policies and priorities mandated and enforced
 - Laws and regulations around priorities but not enforced/ current/ comprehensive
 - No laws, regulations around priorities

Fragmentation within process

- 16. Are there multiple strategic plans for both the budget holder and different programs funded by that budget holder? [eg. TB, HIV etc.]
 - Program plans fully unified in overall plan
 - Multiple aligned program plans
 - Fragmented program and sector wide plans

Costing

- 17. Are these plans costed and/or linked to a health financing strategy?
 - Plans costed and costs applied
 - Plans costed, but costs not used
- Notes
- Programs and/ or sector plan uncosted

Other tools and data

- 18. What other tools and evidence are used to quide priorities? Please describe who is involved in the Notes
 - Evidence-based
 - Some
 - None









HEPRA DATABASE ANNEXES



BENEFITS PACKAGE(S) COVERED BY MAJOR BUDGET HOLDER

Overall Structure

19.	How is/	are	public	benefits	package(s.) structured?
. 7.	11011 10/	CC C	pasiic	NCI ICITIO	pachage	ou acturcu.

Centrally established	positive	or	negative	list
(choose one)			•	

 Multiple or partial lists for various populations, services, or system levels

No unified list

Other descriptors

20.What is included in the benefits package? How often is it reviewed? Please explain how pharmaceuticals are approached.

All 3 of PHC, tertiary and specialist

One/ more of tertiary, specialist and PHC, but not all

Package not defined

Legal/regulatory/policy basis

21. Is there a legal or regulatory basis that dictates how resources should be allocated against the benefits package? What law/regulation or policy?

BP mandated and enforced

Laws and regulations around BP but not enforced/ current/ comprehensive

No laws, regulations around BP

Notes

Notes

Notes

Fragmentation within process

22. Outside the main package are there other packages specified for specific programs?

Fully unified in overall package

 Fragmented BPs, but linked to overall package

Fragmented BPs

Notes

Costina

23. How is/are the benefits package(s) costed? If different programs, please indicate for each

BP costed and costs applied

BP costed, but costs not used BP uncosted

Notes

Other tools and data

24. What other tools and evidence are used to quide priorities? Please describe who is involved in the process. Notes

Evidence-based

Some

None

EXTERNAL RESOURCES

Overall Structure

25. How would you categorize the partner landscape in terms of financial contributions to health?

Most donor funding on budget

Most donor funding off budget

Notes

Other descriptors

26. What is the % of CHE that comes from external resources?

10% < x < 50%</p>

50% < x < 90%

27. Is there a legal or regulatory basis that dictates how external resources should be allocated against health sector priorities? What law/regulation or policy?

 Donor funding of priorities mandated and enforced

 Laws and regulations around priorities but not enforced/ current/ comprehensive

 No laws, regulations around donor funding of priorities

Notes

Notes

Fragmentation within process

Legal/regulatory/policy basis

28. Are external resources aligned to priorities of the major budget holder?

External resources fully aligned to sector

Coordination exists but poor alignment

Donor priorities are not linked to country priorities

Notes

Costing

29. Are the costs of donor programs transparent and available to the government?

Costs are fully available to government

 There is some knowledge of costs Costs of donor programs are not known Notes

Other tools and data

30.What other tools and evidence are used to quide priorities? Please describe who is involved in the process.

Evidence-based

Some

None

Notes

PART 2: RESOURCE ALLOCATION

Questions and benchmarks to assess resource allocation in country from the perspective of one budget holder

Fund allocation

- 31. Do resources flow according to determined priorities?
 - Aligned to sector priorities (Please select: Decentralized priorities, external resources, benefits package, health or program plan)
 - Planning aligned to sector priorities, but funds allocated based on line items
 - Historical line item budgeting
- 32. What institutions or stakeholders are involved in allocating funds according to these priorities and what methods do they use?

 Notes

Notes

Notes

Notes

- Consultative
- Somewhat consultative
- Not consultative/ decisions made by one entity
- 33. How and how frequently are resources allocated?
 - Allocations are sufficient and predictable
 - Allocations are somewhat sufficient and predictable
 - Allocations are not sufficient or predictable

Payment

- 34. Who receives funds: Do they have flexibility to reallocate funds according to need?
 - Fund flows are flexible
 - Fund flows are somewhat flexible (ie, can reallocate with approval)
 - Fund flows are not flexible (ie, hard earmarks, strict rules on moving items between lines)
- 35. How are funded priorities paid for?
 - Providers and facilities paid based on output and aligned to priorities
 - Providers and facilities paid based on outputs, but no link to priorities
 - Providers and facilities paid based on inputs

Assessment

- 36. How are funding flows tracked against priorities?
 - Clear indicators are in place to track spending against priorities
 - Expenditure is tracked against line items only
 - Funding flows are not transparent

Notes

Once the questionnaire has been completed, benchmarks can be separately selected in the visualization tool to describe the narrative response.





BLANK HEPRA VISUALIZATIONS

Once you have determined your benchmarks, use this PDF to populate a more detailed visualization.

www.jointlearningnetwork.org/resources/blank-hepra-visualization/







LIST OF REFERENCES

General References

- Clar, Christine, Susan Campbell, Lisa Davidson, and Wendy Graham. 2011. What Are the
 Effects of Interventions to Improve the Uptake of Evidence from Health Research into
 Policy in Low and Middle-Income Countries? Aberdeen, UK.
- 2. Glassman, Amanda et al. 2012. 7 Global Health Priority-Setting Institutions in Health: Recommendations from a Center for Global Development Working Group. https://ac.els-cdn.com/S2211816012000105/1-s2.0-S2211816012000105-main.pdf?tid=12cc177c-c8bb-43e6-b837-1d37f90b2ad7&acdnat=1550327358_5ddc68a05f2741afaf135761a8981eed (February 16, 2019).
- 3. Hanney, S, M Gonzalez-Block, M Kogan, and M Buxton. 2002. "The Utilisation of Health Research in Policy-Making: Concepts, Examples and Methods of Assessment A Report to the Research and Co-Operation Department, World Health Organization, Geneva."
- 4. Integrated health services what and why? Making Health Systems Work. https://www.who.int/healthsystems/technical_brief_final.pdf (April 4, 2019).
- Kathryn O'Neill, Kavitha Viswanathan, Eduardo Celades, and Ties Boerma. 2016. "Chapter 9. Monitoring, Evaluation and Review of National Health Policies, Strategies and Plans." In Strategizing National Health in the 21st Century: A Handbook, ed. Kadandale S Schmets G, Rajan D. Geneva: World Health Organization. https://apps.who.int/iris/bitstream/handle/10665/250221/9789241549745-chapter9-eng.pdf?sequence=30 (March 29, 2019).
- 6. PART I Classification of Health Care Financing Schemes (ICHA-HF). https://www.oecd-ilibrary.org/docserver/9789264270985-9-en.pdf?expires=1554395529&id=id&accname=guest&checksum=0A25DooDB10349747E1A214E38AC421B (April 4, 2019).
- 7. Terwindt, Frank, Dheepa Rajan, and Agnes Soucat. 2016. Priority-Setting for National Health Policies, Strategies and Plans. Geneva. https://apps.who.int/iris/bitstream/handle/10665/250221/9789241549745-chapter4-eng.pdf?sequence=36 (March 29, 2019).
- 8. Weiss, Carol H. 1979. "The Many Meanings of Research Utilization." Public Administration Review 39(5): 426. http://www.jstor.org/stable/3109916?origin=crossref.

- 9. "WHO | Decentralisation." 2016. WHO. https://www.who.int/health-laws/topics/governance-decentralisation/en/ (March 28, 2019).
- 10. https://www.who.int/healthsystems/technical_brief_final.pdf
- 11. Baldridge A, Elfman E, Hredia-Ortiz E. 2017. "Public Financial Management, Health Governance, and Health Systems." Accessed April 5, 2019. https://www.hfgproject.org/public-financial-management-report/.
- 12. Murray CJ, Kreuser J, Whang W. 1994. "Cost-effectiveness analysis and policy choices: investing in health systems." World Health Organization. Accessed April 5, 2019. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2486597/.
- 13. Rajan D, Barroy H, Stenberg K. 2016. "Chapter 8. Budgeting for Health in Strategizing National Health in the 21st Century: A Handbook." Geneva World Health Organization. Accessed April 5, 2019. https://apps.who.int/iris/bitstream/handle/10665/250221/9789241549745-chapter8-eng.pdf?sequence=11.
- 14. Todini, Naz. 2013. "Guided Self Assessment of Public Financial Management Performance (PFMP-SA) Tookit for Health Sector Managers." Health Finance & Governance Project. Accessed April 5, 2019. https://www.hfgproject.org/guided-self-assessment-public-financial-management-performance-toolkit-health-sector-managers/.
- 15. World Health Organization. 2017. "Aligning public financial management and health financing: a process guide for identifying issues and fostering dialogue." Accessed April 5, 2019. https://www.r4d.org/wp-content/uploads/9789241513074-eng.pdf.
- 16. Cashin C., Bloom D., Sparkes S., Barroy H., Kutzin J., O'Dougherty S. Aligning public financial management and health financing: sustaining progress toward universal health coverage. Geneva: World Health Organization; 2017 (Health Financing Working Paper No. 17.4)

Bangladesh References

- World Health Organization. Regional Office for the Western Pacific. (2015). Bangladesh health system review. Manila: WHO Regional Office for the Western Pacific. https://apps.who.int/iris/handle/10665/208214
- 2. Bangladesh National Health Accounts 1997-2015 http://www.heu.gov.bd/pdf/BNHA-V%201997-2015.pdf

Ethiopia References

- UNICEF Ethiopia. A Synopsis Analysis of 2006-2016 National Trends and the 2017/2018 Federal Budget Proclamation.
- 2. World Bank. Ethiopia Public Expenditure Review 2015. (2016).
- 3. Health Systems 20/20. Health Care Financing Reform in Ethiopia: Improving Quality and Equity. (2012).
- 4. Ogbu, O. & Gallagher, M. Public expenditures and health care in Africa. Soc. Sci. Med. 34, 615-624 (1992).
- 5. World Bank. Global Economic Prospects A Fragile Recovery: A World Bank Group Flagship Report. (2017).
- 6. UNICEF. National Health and Nutrition Sector Budget Brief: Ethiopia 2006-2016.
- 7. Wang, H., Tesfaye, R., Ramana, G. N. V & Chekagn, C. T. Ethiopia Health Extension Program.
- 8. Berman, P., Mann, C., Louise Ricculli, M. & Chan, H. T. Financing Ethiopia's Primary Care to 2035: A Model Projecting Resource Mobilization and Costs 2015 2 Financing Ethiopia's Primary Care to 2035: A Model Projecting Resource Mobilization and Costs Financing Ethiopia's Primary Care to 2035: A Model Projectin. (2015).
- Mann, C., Dessie, E., Adugna, M., Berman, P. & Chan, H. T. H. Measuring Efficiency of Public Health Centers in Ethiopia 2016 Acknowledgements Measuring Efficiency of Public Health Centers in Ethiopia. (2016).
- 10. Alebachew, A., Yusuf, Y., Mann, C. & Berman, P. Ethiopia's Progress in Health Financing and the Contribution of the 1998 Health Care and Financing Strategy in Ethiopia. Resour. Track. Manag. Proj. Harvard T.H. Chan Sch. Public Heal. Breakthr. Int. Consult. PLC (2015).
- 11. Woldemichael, A., Takian, A., Akbari Sari, A. & Olyaeemanesh, A. Inequalities in healthcare resources and outcomes threatening sustainable health development in Ethiopia: Panel data analysis. BMJ Open 9, (2019).
- 12. World Bank, J. Country Summary Report for Ethiopia. (2014).
- 13. EMoH. Health Sector Development Program: 2010/11 -2014/15. Fed. Democr. Repub. Ethiop. Minist. Heal. IV, 1–131 (2010).
- 14. Woldemariam, A. T. Ethiopia on the path towards UHC. (2016).
- Tilahun, H., Flannery, J. & Berman, P. Review of Local and Global Practices On Evidence-Informed Health Policy: Recommendations for Ethiopia. Harvard T.H. Chan Sch. Public Heal. Boston, Massachusetts (2016).

- FMoH. Ethiopian Health Sector Transformation Plan.2015/16 2019/20. Fed. Democr. Repub. Ethiop. Minist. Heal. 20, 25 (2015).
- 17. HEALTH FINANCING PROFILE: ETHIOPIA Key country indicators Development indicators* **WHO Global Health Expenditure Database, 2013 ***Ethiopia's Contextual Factors. (2013).
- 18. Berman, P., Mann, C. & Ricculli, M.-L. Can Ethiopia Finance the Continued Development of Its Primary Health Care System If External Resources Decline? Heal. Syst. Reform 4, 227-238 (2018).
- 19. Habtemariam, M. K. & Semegn, S. T. Setting health sector priorities: a brief overview of Ethiopia's experience. Cost Eff Resour Alloc 16, 5–6 (2018).
- 20. MoH, H. P. Strengthening Public Private Partnerships for More and Better Health Outcomes in Ethiopia: Expert Reviews and Case Studies Expert Review and Case Study on Public Private Partnerships in. (2015).
- 21. Assefa, Y., Gelaw, Y. A., Hill, P. S., Taye, B. W. & Van Damme, W. Community health extension program of Ethiopia, 2003–2018: successes and challenges toward universal coverage for primary healthcare services. Global. Health 15, 24 (2019).
- 22. Lavers, T. Towards Universal Health Coverage in Ethiopia's 'developmental state'? The political drivers of health insurance. Soc. Sci. Med. 228, 60-67 (2019).
- 23. Health Sector Financing Reform/Health Finance and Governance (HSFR/HFG) Project. ETHIOPIA HEALTH SECTOR FINANCING REFORM / HEALTH FINANCE AND GOVERNANCE (HSFR/HFG) PROJECT END-OF-PROJECT REPORT 2013 2018. (2018).
- 24. UNICEF. National Social Protection Budget Brief: 2011-2016. (2011).
- 25. LaForge, G. Best-laid plans: ethiopia aligns health care with national goals, 2014 2018. (2018).
- 26. Gidey, M. T., Gebretekle, G. B., Hogan, M.-E. & Fenta, T.
- 27. Reich, M. R. et al. Moving towards universal health coverage: Lessons from 11 country studies. Lancet 387, 811-816 (2016).
- 28. Elizabeth Annis, Hannah Ratcliffe. Strengthening Primary Health Care Systems to Increase Effective Coverage and Improve Health Outcomes in Ethiopia | PHCPI [Internet]. [cited 2019 Sep 26]. Available from: https://improvingphc.org/strengthening-primary-health-care-systems-increase-effective-coverage-and-improve-health-outcomes-ethiopia







HEPRA DATABASE

Ghana References

- 1. Ghana MTEF 2018 https://www.mofep.gov.gh/sites/default/files/pbb-estimates/2018/2018-PBB-MoH.pdf
- 2. Asante, Augustine D., and Anthony B. Zwi. "Factors influencing resource allocation decisions and equity in the health system of Ghana." Public Health 123.5 (2009): 371-377.
- 3. Alhassan, Robert Kaba, Edward Nketiah-Amponsah, and Daniel Kojo Arhinful. "A review of the National Health Insurance Scheme in Ghana: what are the sustainability threats and prospects?." PloS one 11.11 (2016): e0165151.https://journals.plos.org/plosone/article/file?id=10.1371/journal.pone.0165151&type=printable
- 4. Ghana National Health Accounts 2015 http://apps.who.int/nha/database/DocumentationCentre/GetFile/55881721/en
- 5. Schieber, George, Cheryl Cashin, Karima Saleh, and Rouselle Lavado. 2012. Health Financing in Ghana. Washington, DC: World Bank. doi:10.1596/978-0-8213-9566-0.

Indonesia References

- 1. Global Health Expenditure Database, all figures in 2016 current US\$ Query 08/07/2019: https://apps.who.int/nha/database/ViewData/Indicators/en
- 2. Michaud C (2002) External resource flows to the health sector in Indonsia
- 3. World Health Organization, Regional Office for South-East Asia (2017) The Republic of Indonesia health system review. Health systems in transition, 7 (1)
- 4. Regulation of the minister of national development planning/head of the national development planning agency of the republic of indonesia, number 2 of 2017 on the strategi. Plan of the ministry of national development/planning national development planning agency of 2015-2019
- 5. Center for Data and Information, Mnistry of Health (2018) Kementerian Keehsatan Republic Indonesia. Presentation
- 6. JICA (2017) Planning and Budgeting reofrm for the Performance- based Budgeting (PBB) system implementation phase two, project completion report
- 7. Zen, F (2013). Aligning National-Regional Planning and Budgeting System. Provincial Governance Strengthening Programme. Series 9. Accesseed on 08/09/2019: https://www.undp.org/content/dam/indonesia/Project%20Docs/PGSP/FA%20Policy%20Paper.isi_4.pdf

Kenya References

- Primary health care systems (PRIMASYS): case study from Kenya, abridged version [Internet]. Geneva; 2017 [cited 2019 Jul 5]. Available from: http://apps.who.int/bookorders.
- Chen A, Aaron Mulaki, Taylor Williamson. Incentivising performance: conditional grants in Kenya's health system [Internet]. Washington, DC; 2014 [cited 2019 Jul 5]. Available from: https://www.healthpolicyproject.com/pubs/292_KenyaConditionalGrantsreportFINAL.pdf
- Kenya Ministry of Health. County Budget Implementation Review Report Third Quarter 201617 [Internet]. Nairobi; [cited 2019 Jul 5]. Available from: https://dc.sourceafrica.net/documents/118064-County-Budget-Implementation-Review-Report-Third.html#document/p16/a366
- 4. The World Bank. Kenya Country Partnership Strategy FY 2014-8 [Internet]. Washington, D.C; 2014 [cited 2019 Jun 7]. Available from: http://documents.worldbank.org/curated/en/173431468284364640/pdf/889400CASOP1440Kenya0CPS000Volume02.pdf
- 5. Ministry of Medical Services and Ministry of Public Health & Sanitation. THE SECOND MEDIUM TERM PLAN FOR HEALTH (July 2013-June 2017) [Internet]. Nairobi, Kenya; 2013 [cited 2019 Jun 7]. Available from: http://www.health.go.ke
- Wright J. Essential Package of Health Services Country Snapshot: Kenya. Bethesda; 2015.
- 7. Mwaambi PR. Research Article Clinical Case Reports and Reviews Clin Case Rep Rev. 2017 [cited 2019 Jun 7];3(10):1–3. Available from: https://www.oatext.com/pdf/CCRR-3-378.pdf
- 8. Ministry of Health. National and County Health Budget Analysis FY 2016/17 Ministry of Health [Internet]. 2017 [cited 2019 Jun 7]. Available from: http://www.healthpolicyplus.com/ns/pubs/6138-6239_FINALNationalandCountyHealthBudgetAnalysis.pdf
- 9. Parliamentary Budget Office. Unpacking of the 2019 Budget Policy Statement [Internet]. Nairobi; 2019 [cited 2019 Jun 7]. Available from:

 http://www.parliament.go.ke/sites/default/files/2019-02/Unpacking of the 2019 Budget Policy Statement.pdf
- International Budget Partnership. Budget Brief No. 23 Understanding Program-Based Budgeting: Toward Improved Budget Transparency in Kenya From Line Item to PBB. 2014.

- 11. McCollum R, Theobald S, Otiso L, Martineau T, Karuga R, Barasa E, et al. Priority setting for health in the context of devolution in Kenya: implications for health equity and community-based primary care. Health Policy Plan [Internet]. 2018 Jul 1 [cited 2019 Jun 5];33(6):729-42. Available from: https://academic.oup.com/heapol/article/33/6/729/5017238
- 12. Development initiatives. Pro-poor analysis of Kenya's 2018/19 budget estimates. 2018 [cited 2019 Jun 5];(June). Available from: http://devinit.org/wp-content/uploads/2018/06/Report_Pro-poor-analysis-of-Kenyas-201819-budget-estimates.pdf
- 13. Barasa E, Rogo K, Mwaura N, Chuma J. Kenya National Hospital Insurance Fund Reforms: Implications and Lessons for Universal Health Coverage. Heal Syst Reform [Internet]. 2018 Oct 2 [cited 2019 Jun 5];4(4):346-61. Available from: https://www.tandfonline.com/doi/full/10.1080/23288604.2018.1513267
- 14. Githinji G. The Key Stages and Dates in the Budget Process in Kenya [Internet]. Epic kenyan. 2018 [cited 2019 Jun 5]. Available from: https://www.afrocave.com/budget-process-in-kenya-under-new-constitution/
- 15. Organizational County Capacity Development Project for the Management of Devolved Health Systems in Kenya (OCCADEP). Simple Guide to MTEF for County Health Sector MTEF Process Guide Institution: Organizational County Capacity Development Project for the Management of Devolved Health Systems in Kenya (OCCADEP)-1-Organizational County Capacity Development Project for the [Internet]. 2018 [cited 2019 Jun 5]. Available from: http://www.health.go.ke/wp-content/uploads/2019/01/MTEFProcess-Guide-Book.pdf
- 16. United States Agency for International Development (USAID). HEALTH FINANCING PROFILE KENYA Health Financing Functions Revenue contribution and collection Health Financing (2013) HIV Financing [Internet]. 2016 [cited 2019 Jun 5]. Available from: http://www.healthdata.org/gbd/data.
- Collaborative Africa Budget Reform Initiative. The role of the legislature in the budget process: Kenya case study [Internet]. Centurion, SA; 2018 [cited 2019 Jun 5]. Available from: https://www.cabri-sbo.org/uploads/files/Documents/CABRI-Legislature-CS-Kenya-ENG-WEB.pdf
- Barasa E, Rogo K, Mwaura N, Chuma J. Kenya National Hospital Insurance Fund Reforms: Implications and Lessons for Universal Health Coverage. Heal Syst Reform [Internet]. 2018 [cited 2019 Jul 5];4(4):346-61. Available from: http://www.tandfonline.com/action/journalInformation?journalCode=khsr20
- Incentivising performance: conditional grants in Kenya's health system. https://www.healthpolicyproject.com/pubs/292_KenyaConditionalGrantsreportFINAL.pdf

Malaysia References

- Overview of Malaysia PeKa 40 (internal- provided by team during internal correspondence)
- 2. World Health Organization. Malaysia-WHO Country Cooperation Strategy 2016-2020. MALAYSIA-WHO Country Cooperation Strategy (2017).
- 3. Peasgood, T. et al. Priority Setting in Healthcare Through the Lens of Happiness.
- 4. Rannan-Eliya, R. P. et al. Improving Health Care Coverage, Equity, And Financial Protection Through A Hybrid System: Malaysia's Experience. Health Aff. 35, 838–846 (2016).
- 5. Purpose / Development 42. 457-489 (2017).
- D S, A. W. et al. Health Planning in Malaysia: a Case Study of the National Strategic Plan Ending Aids 2016-2030. Int. J. Public Heal. Clin. Sci. 3, 2289-7577 (2016).
- 7. Jaafar, S., Mohd Nor, K., Abdul Muttalib, K., Othman, N. H. & Healy, J. Malaysia health system review. 3, (2013).
- 8. Rannan-Eliya, R. P. et al. Global Health Downloaded from HealthAffairs. (2019). doi:10.1377/hlthaff.2015.0863
- 9. Glassman, A. & Chalkidou, K. Priority-Setting in Health Building institutions for smarter public spending A report of the Center for Global Development's Priority-Setting Institutions for Global Health Working Group Co-chairs Center for Global Development. (2012).
- 10. Safurah, J., Kamaliah, M.H., Khairiyah, A.M., Nour, H.O., & Healy, J. Health Systems in Transition: Malaysia Health System Review. Malaysia health system review 3, (2013).
- Malaysia National Health Accounts (MNHA) Unit Planning Division Ministry of Health.
 Malaysia National Health Accounts: Health Expenditure Report (1997-2016). (2017).

Mongolia References

- 1. Lkhagvadorj, A. Fiscal federalism and decentralization in Mongolia. Unviversity of Postdam, 2010.
- 2. State policy on health, resolution number 24 of 2017
- Lkhagvadorj, A. An analysis of the new budget law of Mongolia of 2011 (2015), National academy of governance, Mongolia
- 4. World Bank (2015) Mongolia Public Financial Management Performance Report, Washington DC







HEPRA DATABASE

- 5. Dasheveg, C.; Mathauer, I; Dorjsurven, B; Tsilaajav, T; Batbayar, C.WHO (2011) A Health financing review of Mongolia with a focus on social health insurance. Bottlenecks in institutional design and orginziaton practice of health financing and options to accelerate progress towards universal coverage. WHO, Geneva
- 6. ADB (2018) Improving health care financing for Universal Health Coverage
- 7. WHO NHA Global Database; Mongolia indicators downloaded 07/17/2019

Nigeria References

- 1. 2016 Appropriation Act, Federal Republic of Nigeria
- 2. National Strategic Health Development Plan II (2018-2022)
- 3. National Health Policy 2016 http://www.nationalplanningcycles.org/sites/default/files/planning_cycle_repository/nigeria/draft_nigeria_national_health_policy_final_december_fmoh_edited.pdf
- Hafez, Reem. (2018). Nigeria Health Financing System Assessment. World Bank. http://documents.worldbank.org/curated/en/782821529683086336/Nigeria-health-financing-system-assessment (April 26, 2019)
- 5. Wright, J., Health Finance & Governance Project. July 2015. Essential Package of Health Services Country Snapshot: Nigeria. Bethesda, MD: Health Finance & Governance Project, Abt Associates Inc. https://www.hfgproject.org/essential-package-of-health-services-country-snapshot-nigeria/ (May 3, 2019)
- 6. Windemeyer, L., Health Finance & Governance Project. June 2017. Essential Package of Health Services and Health Benefit Plans Mapping Brief. https://www.hfgproject.org/essential-package-of-health-services-country-snapshot-nigeria/ (May 3, 2019)
- 7. Uzochukwu, B. S. C., Ughasoro, M. D., Etiaba, E., Okwuosa, C., Envuladu, E., & Onwujekwe, O. E. (2015). Health care financing in Nigeria: Implications for achieving universal health coverage. Nigerian Journal of Clinical Practice, 18(4), 437-444. https://www.ajol.info/index.php/njcp/article/view/117717/107345 (April 26, 2019)
- 8. Gauthier B, Pimhidzai O, Saleh K. (2018). Resource Tracking in Health in Nigeria Volume II. HNP World Bank. https://www.researchgate.net/profile/Karima_Saleh/publication/326560891 RESOURCE_TRACKING_IN_PRIMARY_HEALTH_CARE_IN_NIGERIA_CASE_STUDY_FROM_NIGER_AND_EKITI_STATES_VOLUME_II/links/5b5646150f7e9b240f012e7b/RESOURCE-TRACKING-IN-PRIMARY-HEALTH-CARE-IN-NIGERIA-CASE-STUDY-FROM-NIGER-AND-EKITI-STATES-VOLUME-II.pdf?origin=publication_detail

9. Cotlear, Daniel; Nagpal, Somil; Smith, Owen K.; Tandon, Ajay; Cortez, Rafael A.. 2015. Going universal: how 24 developing countries are implementing universal health coverage reforms from the bottom up (English). Washington, D.C.: World Bank Group. http://documents.worldbank.org/curated/en/936881467992465464/Going-universal-how-24-developing-countries-are-implementing-universal-health-coverage-reforms-from-the-bottom-up

Philippines References

- Dayrit MM, Lagrada LP, Picazo OF, Pons MC, Villaverde MC. The Philippines Health System Review. Vol. 8 No. 2. New Delhi: World Health Organization, Regional Office for South- East Asia; 2018.
- Health Policy Development and Planning Bureau. Budget Folio FY 2018 [Internet]. Manila; 2017.
- 3. Office of the President of the Philippines (1999). Executive Order No. 102: Redirecting the functions and operations of the Department of Health. Manila, Philippines, Presidential Management Staff (https://www.lawphil.net/executive/execord/e01999/eo_102_1999.html, accessed 9 July 2018).
- 4. Housing and Urban Development Coordinating Council. Philippine Development Plan 2017-2022 Abridged Version. 2017;10. Available from: http://www.hudcc.gov.ph/sites/default/files/styles/large/public/document/PHILIPPINE%20DEVELOPMENT%20 PLAN.pdf
- Health Policy Development & Planning Bureau. Department of Health Budget 2018.
 Manila; 2019 [cited 2019 Apr 26]. Available from: https://tinyurl.com/y3lkrzj5
- 6. Philippine Statistics Authority (PSA) and ICF. 2018. Philippines National Demographic and Health Survey 2017. Quezon City, Philippines, and Rockville, Maryland, USA: PSA and ICF.
- Department of Budget and Management. 2018 People's Budget [Internet]. Manila;
 2018 [cited 2019 Apr 26]. Available from: https://www.dbm.gov.ph/wp-content/uploads/Our%20Budget/2018/2018-People%27s-Budget-for-posting.pdf
- 8. Republic of the Philippines. 10-Point Socioeconomic Agenda of the Duterte Administration [Internet]. 2016 [cited 2020 Jun 12]. Available from: https://www.doh.gov.ph/node/6750
- Health Policy Development and Planning Bureau-year Spending. UHC Medium Term Expenditure Program: a Multi-Year Spending Plan for the Department of Health, Update for FY 2020 Budget Preparation. Manila; 2019.

10-COUNTR	RY SUMMARY	В	GD	E.	ГН	GI	HA	ID	N	KE	ΕN	M	YS	МІ	٧G	N	GA	PI	HL	
PART 1	PART 2	•	0	•	0	•	•			•	0	•			0	•	0	•	0	

- 10. Department of Health. National Objectives for Health: Philipppines 2017-2022. Heal Policy Dev Plan Bur Dep [Internet]. 2018;(1908-6768). Available from: https://www.doh.gov.ph/sites/default/files/health_magazine/NOH-2017-2022-030619-1%281%29_0.pdf
- Health Policy Development and Planning Bureau. UHC Medium Term Expenditure Program: a Multi-Year Spending Plan for the Department of Health, Update for FY 2020 Budget Preparation. Manila; 2019.
- Lakin J. The Philippines: From Performance to Programs in the Health Budget | IBP, 2018 [cited 2019 Jun 25]. Available from: https://www.dbm.gov.ph/wp-content/uploads/DBCC/2016/FY
- 13. Bautista CT, Van I, Valerio B, Servida GC, Gumasing RT, Castañar OL, et al. PREXC Program Expenditure Classification The Next Phase of the Performance-Informed Budget PRODUCED BY THE PHILIPPINE DEPARTMENT OF BUDGET AND MANAGEMENT (DBM) Fiscal Planning and Reforms Bureau-Reforms Division [Internet]. 2016 [cited 2019 Apr 26]. Available from: https://www.dbm.gov.ph/images/pdffiles/PREXC.pdf

Viet Nam References

- 1. Health Policy Project. Health Financing Profile: Vietnam. Vol. 2. 2016.
- 2. World Health Organization. Viet Nam: Improving equity in access to primary care [Internet]. 2018 [cited 2019 Jul 9]. Available from: https://www.who.int/docs/default-source/primary-health/case-studies/viet-nam.pdf
- Vietnam Ministry of Health. Health Financing Strategy of Vietnam (2016-2025). Hanoi; 20115.
- 4. Vietnam Ministry of Finance. decentralisationstatebudgetmanagement. 2003.
- Viet Nam Ministry of Health. JOINT ANNUAL HEALTH REVIEW 2008: Health Financing in Viet Nam [Internet]. Hanoi; 2008 [cited 2019 Jul 10]. Available from: https://www.usp2030.org/gimi/RessourcePDF.action;jsessionid=1Dhh_QDdddXcoHod7Q8tnfanYhhkzwoCNBY-fbTlEq5qoyHTuiaZ!2015759462?id=20062
- 6. Tran Van Tien by, Thi Phuong H, Mathauer I, Thi Kim Phuong N. A HEALTH FINANCING REVIEW OF VIET NAM WITH A FOCUS ON SOCIAL HEALTH INSURANCE Bottlenecks in institutional design and organizational practice of health financing and options to accelerate progress towards universal coverage [Internet]. 2011 [cited 2019 Jul 10]. Available from: https://www.who.int/health.financing/documents/oasis_f_11-vietnam.pdf?ua=1

- 7. Graves S. Mutual Accountability at the Country Level Vietnam Country Case Study [Internet]. [cited 2019 Jul 9]. Available from: www.odi.org.uk
- The Organisation for Economic Cooperation and Development. Measuring Aid Harmonisation and Alignment in 14 Partner Countries: Vietnam. OECD DAC J. 2006;6.
- Cox M, Thi T, Tran H, Dinh HD. Agulhas Applied Knowledge Paris Declaration/Hanoi Core Statement Phase 2 Evaluation Vietnam Country Evaluation [Internet]. 2011 [cited 2019 Jul 9]. Available from: https://www.oecd.org/countries/vietnam/47675183.pdf
- 10. Tuan P Le. Vietnam 2013 General Health Accounts and Disease Expenditures with Sub-Analysis of 2013 HIV/AIDS Expenditure. Hanoi; 2016.
- 11. Ministry of Health. Roadmap to develop and implement the basic health service package paid by health insurance in Vietnam. 2015;(April).
- 12. Somanathan A, Tandon A, Dao HL, Hurt KL, Fuenzalida-Puelma HL. Moving toward Universal Coverage of Social Health Insurance in Vietnam Assessment and Options Human Development [Internet]. [cited 2019 Jul 10]. Available from: https://hvtc.edu.vn/Portals/0/files/635675393989991893MovingtowardUniversal CoverageofSocialHealthInsuranceinVietnamAssessmentandOptions.pdf
- 13. Le D-C, Kubo T, Fujino Y, Pham T-M, Matsuda S. Health Care System in Vietnam: Current Situation and Challenges. Asian Pacific J Dis Manag. 2013;4(2):23–30.
- 14. Annear PL, Comrie-Thomson L, Dayal P. The challenge of extending universal coverage to non-poor informal workers in low-and middle-income countries in Asia [Internet]. 2015 [cited 2019 Jul 9]. Available from: www.who.int
- 15. Dodd R, James CD, Thi N, Phuong K. External aid for health in Viet Nam: additional or fungible? [Internet]. Geneva, Switzerland; 2010 [cited 2019 Jul 12]. Available from: https://www.who.int/healthsystems/topics/financing/healthreport/VietNamGBSNo40FINAL.pdf
- 16. Ohno I. Fostering True Ownership in Vietnam: From Donor Management to Policy Autonomy and Content Izumi Ohno GRIPS Development Forum [Internet]. 2004 [cited 2019 Jul 12]. Available from: http://www.grips.ac.jp/forum/pdf04/VNownership.pdf
- 17. The World Bank. Overview of public expenditure management in Vietnam. Washington DC; 2003.
- Government of Vietnam, World Bank. VIETNAM PUBLIC EXPENDITURE REVIEW: Fiscal Policies towards Sustainability, Efficiency, and Equity [Internet]. Washington DC; 2017 [cited 2019 Jul 12]. Available from: http://documents.worldbank.org/curated/en/156711508765460281/pdf/120605-PER-v1-PUBLIC-44p-VietnamPublicExpenditure ReviewSummaryReportEN.pdf







HEPRA DATABASE

The World Bank's support to the Joint Learning Network for UHC is made possible with financial contributions from the following partners:













