

## Health Financing and Policy: A Comprehensive Literature Review

Muhammad Alwy Arifin<sup>1\*</sup>, Muh. Yusri Abadi<sup>2</sup>

<sup>1</sup>Departement of Health Policy and Administration, Faculty of Public Health, Hasanuddin University, Makassar, 90245, Indonesia, ([muhammadalwyarifin@gmail.com](mailto:muhammadalwyarifin@gmail.com))

<sup>2</sup>Departement of Health Policy and Administration, Faculty of Public Health, Hasanuddin University, Makassar, 90245, Indonesia, ([abadiyusri@gmail.com](mailto:abadiyusri@gmail.com))

\*Corresponding Author e-mail: [muhammadalwyarifin@gmail.com](mailto:muhammadalwyarifin@gmail.com)

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### Abstract

Health financing and policy are critical components in shaping the accessibility, quality, and sustainability of healthcare systems worldwide. This literature review synthesizes existing research on health financing models and policies, exploring their impact on health outcomes, equity, and system efficiency. The review identifies key financing mechanisms, including taxation, social health insurance, and out-of-pocket payments, and examines the policy frameworks that guide their implementation. Furthermore, it discusses the challenges of financing health care in low- and middle-income countries (LMICs) and the implications of global health financing initiatives. The findings underscore the need for adaptive policy strategies that align with the evolving dynamics of health systems and financial sustainability.

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## Introduction

Health financing is a fundamental aspect of health systems that influences how resources are generated, pooled, and allocated to meet the health needs of populations. The design and implementation of health financing policies directly affect the equity and efficiency of healthcare delivery. This literature review aims to provide a comprehensive examination of health financing mechanisms and policy frameworks, with a particular focus on their implications for equity, access, and health outcomes.

## Theoretical Perspectives on Health Financing

### The Revenue Generation Models

Health financing begins with revenue generation, which refers to the methods by which funds are raised to pay for health services. The primary revenue generation models include:

- **Tax-Based Financing:** This model involves the collection of funds through general taxation, which is then allocated to health services. Tax-based systems, such as those in the United Kingdom and Sweden, are often lauded for their ability to provide universal health coverage (UHC). However, their effectiveness depends on the overall tax base and the government's ability to efficiently allocate resources.
- **Social Health Insurance (SHI):** SHI systems are funded through mandatory contributions from employers, employees, and sometimes the government. Countries like Germany and Japan employ SHI to ensure that all citizens have access to healthcare services. SHI systems are typically designed to be redistributive, helping to equalize access to healthcare across different income groups.

- **Out-of-Pocket Payments (OOPs):** OOPs refer to direct payments made by individuals at the time of service. This model is prevalent in many LMICs, often leading to financial barriers to healthcare access and increasing the risk of catastrophic health expenditures.

### **Pooling of Funds**

Pooling is the accumulation of prepaid health revenues on behalf of a population to share financial risk. Pooling mechanisms aim to ensure that individuals are protected from the financial risks associated with illness, such as catastrophic health expenditures. The effectiveness of pooling depends on the size of the pool, the diversity of the risk, and the management of funds.

### **Purchasing of Health Services**

Purchasing refers to the mechanisms by which pooled funds are allocated to healthcare providers to deliver services. Purchasing models can be passive or strategic. Strategic purchasing involves active decision-making about which services to buy, from whom, and how to pay for them, often to improve equity, efficiency, and quality of care.

### **Health Financing Mechanisms**

#### **Tax-Based Financing Systems**

Tax-based systems are characterized by funding from general taxation. These systems are typically universal, covering the entire population without requiring direct payments at the point of service. They are designed to provide equitable access to healthcare services, ensuring that health care is based on need rather than the ability to pay. However, these systems face challenges such as sustainability, especially in economies with limited tax bases.

#### **Social Health Insurance**

Social health insurance schemes are based on contributions from employers, employees, and the government. These schemes aim to pool risk across large populations and ensure that individuals have access to a defined package of health services. While SHI systems can achieve broad coverage, they may exclude informal sector workers and the unemployed, leading to gaps in coverage.

#### **Private Health Insurance**

Private health insurance operates alongside or as a substitute for public health financing. It is typically voluntary and may offer supplementary coverage for services not provided by public systems. Private insurance can increase access to services but may also exacerbate inequities if only higher-income individuals can afford it.

#### **Out-of-Pocket Payments**

In many LMICs, out-of-pocket payments remain the predominant mode of financing health care. OOPs are highly regressive and can lead to financial hardship, particularly for vulnerable populations. High levels of OOPs are associated with increased risk of impoverishment due to health-related expenses and can deter individuals from seeking necessary care.

### **Policy Frameworks in Health Financing**

#### **Universal Health Coverage (UHC)**

UHC is a policy goal that aims to ensure all individuals and communities receive the health services they need without suffering financial hardship. Achieving UHC requires comprehensive financing policies that combine different revenue generation and risk pooling mechanisms. The WHO's framework for UHC emphasizes the importance of reducing reliance on direct payments and increasing financial protection for all citizens.

## Health System Strengthening (HSS)

HSS is an approach that seeks to improve the performance of health systems by enhancing their capacity to provide equitable, efficient, and quality services. Financing policies under HSS include reforms to improve the efficiency of health spending, expand coverage, and ensure the sustainability of health financing systems.

## Global Health Initiatives (GHIs)

Global health initiatives, such as the Global Fund and Gavi, the Vaccine Alliance, have played a significant role in financing health programs in LMICs. These initiatives often provide targeted funding for specific diseases or health services, complementing domestic financing efforts. However, the sustainability of GHI-funded programs remains a concern, as they often depend on continued external funding.

## Public-Private Partnerships (PPPs)

PPPs in health financing involve collaboration between the government and private sector to fund and deliver health services. PPPs can bring additional resources and expertise into the health sector, but they also require robust governance and regulation to ensure that public health objectives are met.

## Challenges in Health Financing and Policy

### Sustainability of Financing Mechanisms

One of the most pressing challenges in health financing is ensuring the sustainability of financing mechanisms. As healthcare costs continue to rise due to aging populations, the growing burden of chronic diseases, and technological advancements, health systems must find ways to generate sufficient and stable funding. In many LMICs, reliance on external funding creates vulnerabilities, particularly when donor priorities shift.

### Equity in Health Financing

Achieving equity in health financing remains a significant challenge. Health financing systems must be designed to ensure that financial contributions are based on ability to pay and that access to services is based on need. However, in many contexts, financing systems are regressive, disproportionately burdening low-income individuals and exacerbating health inequities.

### Efficiency in Resource Allocation

Efficiency in resource allocation is critical to maximizing the impact of health spending. Inefficiencies, such as administrative waste, corruption, and the misallocation of resources, can undermine the effectiveness of health financing systems. Strategic purchasing and performance-based financing are potential strategies to improve efficiency.

### Adaptation to Changing Demographics and Health Needs

Health financing systems must be adaptable to changing demographics and health needs. The rise of non-communicable diseases, aging populations, and emerging infectious diseases require shifts in health financing priorities and policies. Failure to adapt can result in inadequate health coverage and poor health outcomes.

## Conclusion

Health financing and policy are central to the functioning and sustainability of health systems globally. The literature underscores the importance of diverse and adaptable financing mechanisms, equitable policy frameworks, and strategic resource allocation to achieve UHC and improve health outcomes. As health systems face increasing pressures, particularly in LMICs, the development of innovative financing solutions and robust policy responses is imperative. The ongoing evolution of global health challenges necessitates continuous reassessment and adaptation of health financing and policy strategies to ensure that health systems can meet the needs of all populations.

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