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# Public Budgeting in Theory and Practice: A Comprehensive Overview

**Syeda Sadia Ambreen Jilani**

Independent Researcher / Scholar Department of Economics Allama Iqbal Open University, Islamabad, Pakistan.

**Email :** sadiaambergilani@gmail.com

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# Public Budgeting in Theory and Practice: A Comprehensive Overview

## Abstract

This study provides a comprehensive exploration of public budgeting from both theoretical and practical perspectives. Tracing the historical evolution of the budget concept from its origins in 18th-century Britain, it defines the budget as a fiscal blueprint encompassing a government's projected revenues and expenditures. The paper elaborates on the three essential financial functions of government economic stability, development, welfare and analyzes various budget structures, including balanced, surplus, and deficit budgets. A central focus is the classification and evaluation of nine distinct budgeting methodologies: static, flexible, functional, master, zero-based, participative, imposed, rolling, and annual budgets. Each is assessed for its strategic application, benefits, and limitations in real-world economic governance. The study emphasizes budgeting as a vital instrument for achieving fiscal responsibility, transparency and efficient resource allocation. Ultimately, it underscores that a deep understanding of budgeting practices is crucial for effective public administration, economic planning, and national development.

## Keywords

Public Budgeting, Govt. Finance, Economic Planning, Budget Types, Resources Allocation, Fiscal Policy, Public Finance.

## Introduction

Pakistan's budget originates from the Ministry of Finance, which is responsible for formulating and implementing the country's fiscal policy. The budget is presented to Parliament by the finance minister, outlining projected income and expenditures for a specific fiscal year.

## Key Components of Pakistan's Budget

### Revenue:

The government generates revenue through various sources, including taxes, non-tax revenue, and foreign aid.
Expenditure: The government allocates funds for various sectors, such as:
**Development Projects**: Funding for infrastructure, education and healthcare projects.
**Subsidies:** Financial support for essential services like fuel and electricity.
**Pensions and Salaries:** Payments for government employees and pensioners.

### Recent Budget Highlights

The 2023-24 Pakistan federal budget was presented by Finance Minister Ishaq Dar on June 25, 2023, with a total outlay of Rs 14.485 trillion.
The 2025-26 budget, presented by Finance Minister Muhammad Aurangzeb, aims to promote industry, support construction, and introduce eco-friendly tax measures.

### Key allocations include

Benazir Income Support Programmed (BISP): Rs 716 billion to benefit over 10 million low-income families.
**Public Sector Development Programmed (PSDP):** Rs 1.150 trillion for development projects. IT and

Freelancing: Rs 500 billion allocated for IT and freelancing promotion.

**Challenges and Criticisms**

Pakistan's budget has faced criticism for lack of transparency, inefficient allocation of resources, and failure to address core economic issues. The country's reliance on IMF programs and external aid has raised concerns about economic sovereignty and sustainability.

**Literature Review:**

Public budgeting is a foundational element of fiscal governance, crucial to ensuring economic stability, equitable distribution of resources, and the strategic allocation of public funds. The theoretical underpinnings of public budgeting are largely based on Musgrave's (1959) three key functions of government finance: allocation, redistribution, and stabilization. These functions provide a framework for understanding the goals and priorities of modern budgeting systems.

Historically, the origins of public budgeting can be traced to 18th-century Britain, when financial presentations to Parliament evolved into the formalized budget systems we recognize today (Schick, 1966). Over time, this function expanded to become a comprehensive tool for public administration and economic planning.

The literature discusses three principal types of budget structures balanced, surplus and deficit budgets.

Wildavsky (1975)

Emphasized that while a balanced budget symbolizes fiscal discipline in practice, most governments particularly in developing countries operate under deficit budgets due to infrastructural and developmental needs. Rubin (1990) further noted that although surplus budgets suggest strong fiscal performance, they can also indicate underutilization of public funds that could otherwise support welfare and development.

Modern budgeting methodologies vary widely in structure and purpose. Zero-based budgeting (ZBB), introduced in the 1970s, calls for justifying all expenses from a zero base each fiscal period.

(Pyhrr, 1973)

While it offers a rational and objective approach to budgeting, scholars have critiqued it for being time-consuming and administratively intensive. Conversely, flexible and rolling budgets have gained prominence for their adaptability to changing economic conditions .

(Horngren, Datar, & Foster, 2002)

Participative budgeting, rooted in democratic governance, seeks to enhance transparency and public trust by involving multiple stakeholders in the decision-making process. (Shah, 2007).

In contrast, imposed budgeting where decisions are made solely by top-level authorities has been criticized for excluding operational level insights and reducing accountability.

(Anthony & Young, 2003).

Overall, the literature reveals that public budgeting is not a one-size-fits-all process. Its methods must be aligned with a country's political, economic and administrative contexts. The integration of various budgeting models, as discussed in this study, highlights the need for flexibility, transparency, and fiscal responsibility in contemporary public financial management.

## Methodology

This study adopts a qualitative, descriptive, and conceptual research design to explore public budgeting from both theoretical and practical perspectives. The research is grounded in secondary data analysis, enabling a comprehensive examination of existing literature, historical developments, theoretical

models and real-world budgeting practices without relying on primary fieldwork or empirical testing.

The methodology follows a thematic analytical framework, organizing the study into four major thematic areas:

(1) The historical evolution of public budgeting, tracing its origins to 18th-century Britain and its transformation into a modern fiscal planning tool.

(2) Theoretical foundations informed by Musgrave's (1959) three core government financial functions—allocation, redistribution, and stabilization.

(3) The classification of government budget structures, including balanced, surplus, and deficit budgets, and their implications for fiscal policy and governance.

(4) A comparative analysis of nine budgeting methodologies: static, flexible, functional, master, zero-based, participative, imposed, rolling, and annual budgeting.

### Data Sources

The study draws exclusively on secondary sources, including peer-reviewed journal articles, authoritative books in public finance and economics and reports from international financial institutions such as the World Bank, the International Monetary Fund (IMF) and national finance ministries. Key references include seminal works by Musgrave (1959), Wildavsky (1975), Schick (1966), Pyhrr (1973), and Shah (2007), which provide both theoretical insights and practical context for evaluating budgeting systems.

### Analytical Approach

This study employs document analysis and conceptual synthesis to evaluate diverse budgeting models and their applications. Each budgeting type is assessed regarding its design features, strategic purpose, implementation process, administrative challenges, and effectiveness in achieving core fiscal objectives such as transparency, accountability, adaptability and efficient resource allocation. Although the study does not incorporate quantitative methods, its qualitative focus enables in-depth contextual understanding, making it particularly relevant for policy evaluation, academic discourse and administrative reform. This methodological approach ensures that the study remains rigorous, literature-based and applicable to scholars, policymakers and practitioners aiming to enhance the theory and practice of public budgeting across various economic and political contexts.

## Results:

This research presents a multifaceted analysis of public budgeting, emphasizing both its theoretical foundations and practical implementations across diverse governance structures. The study yielded the following key findings:

### Evolution and Significance of Budgeting:

The historical trajectory of budgeting from 18th-century Britain to contemporary fiscal systems demonstrates its evolution from a simple financial statement into a comprehensive instrument for economic governance and policy execution. Today the budget functions as a central tool for national planning, fiscal accountability, and socioeconomic development.

### Core Governmental Functions of Budgeting:

Public budgets fulfill three primary financial functions:

**1.Economic Stability:** Maintaining inflation control, employment levels, and macroeconomic equilibrium.

**2. Economic Development:** Promoting infrastructure expansion, industrial growth, and increases in (GDP).

**3. Economic Welfare:** Enhancing quality of life through investments in public services such as health, education, and security.

The interdependence of these functions underscores the need for strategic and balanced budgeting.

## Budget Structures and Fiscal Policy:

The classification of government budgets into balanced, surplus, and deficit categories offers critical economic insights. While a balanced budget reflects fiscal discipline, real-world conditions especially in developing countries often necessitate deficit budgeting to support infrastructure and social welfare goals. This study highlights the tradeoffs between fiscal prudence and developmental imperatives.

## Comparative Evaluation of Budgeting Methodologies:

A critical analysis of nine budgeting approaches reveals varied levels of utility based on economic conditions and institutional capacity:

•Static and Annual Budgets provide predictability but lack flexibility.

•Flexible and Rolling Budgets offer adaptability in dynamic environments.

•Functional and Master Budgets enable sectorial coordination and holistic planning.

•Zero-Based Budgeting enhances cost justification but demands substantial administrative capacity.

•Participative Budgeting fosters democratic engagement and transparency while Imposed Budgeting can lead to bureaucratic inefficiencies and reduced accountability.

The research concludes that no single method is universally optimal, effectiveness depends on contextual alignment and implementation fidelity.

## Strategic Role in Governance and Development:

Budgeting functions as a strategic management tool, aligning national priorities with fiscal constraints. It facilitates resource optimization, enhances transparency, and strengthens public trust in institutions. The diversity of budgeting techniques highlights the necessity of context-sensitive approaches that integrate both top-down directives and bottom-up participation.

## Policy Implications:

Policymakers should emphasize adaptability, inclusiveness, and fiscal discipline in budget design and implementation. Participative and rolling budgeting approaches in particular can enhance responsiveness and legitimacy, especially in democratic and rapidly changing economies.

**Definition:** According to economics, if we define the term 'budget',

"It is a financial or fiscal plan document that outlines a government's expected income from various sources and expenditures incurred during a fiscal year."

It also includes estimates for revenue and expenditures for the new fiscal year and presents statistical data for revenue and expenses from the previous fiscal year.

In simpler words, a budget is a financial plan.

## Financial functions of Govt:

A government of any country has to perform three basic financial functions:

**1. Economic stability:**

Which includes controlling inflation and deflation in the national economy as well as reducing the level of unemployment.

**2. Economic development:**

Which includes the development of a country's basic infrastructure, such as transportation, information, technology

and energy supply as well as providing incentives to specific industries to increase national economic growth or GDP (Gross Domestic Product), whether industrial or agricultural.

**3. Economic welfare:**

Which includes improving healthcare, education, security, defense, housing, and transportation facilities for the country's population. Any government needs income to run its affairs and fulfill these functions, so that it can successfully meet its expenses and provide these amenities to its citizens.

## Structure of Govt. Budget:

The government generates revenue from taxes, foreign investment, loans, aid and other sources, and spends it on various expenses.

There are three possible forms of Govt. Budget.

**Balanced Budget:**

If the government's income and expenditures are equal, then such a budget is called a 'Balanced Budget'.

In other words, a Balanced Budget is a situation where:

Government Revenue = Government Expenditures.

This means that the government is not borrowing or lending, and its income is sufficient to cover all its expenses. A Balanced Budget is often considered an ideal scenario, as it indicates fiscal responsibility and stability.

**Surplus Budget**:

'Surplus Budget' occurs when the government's revenue exceeds its expenditures.

Govt. Revenue > Govt. Expenditures

However, it is not considered a good condition by economists, as it indicates that the government is collecting too much taxes from the public but not spending enough on their welfare and economic development or economic growth.

However, in today's circumstances, it is unlikely for a country's budget to be in surplus.

**Deficit Budget:**

Similarly, when a country's expenses exceed its revenue, it is referred to as a 'Deficit Budget'.

Govt. Revenue < Govt. Expenditures

Developing countries often face the challenge of a deficit budget. To bridge this gap, governments rely on public debts, foreign loans, as well as aid. International organizations such as the IMF, World Bank, and other developed countries play a crucial role in providing loans to these countries. However, borrower countries have to face high interest rates and various conditions imposed by the lenders.

What is Budgeting?

The process of budget making is called "budgeting". The Ministry of Finance in a country, considering the statistics of the previous fiscal year and the goals and estimates of the new fiscal year, performs the budgeting process for the next fiscal period. For this purpose, the Ministry of Finance collects data from all important sectors of the country.

**Types of Budgeting**

In Economics, in the context of budgeting, there are 9 possible types of budgets.

**Static Budget:**

In a static budget, the allocations and estimates are made at the beginning of the fiscal year, and no changes are allowed later, regardless of any changes in the in economy or actual performance. This type of budget is often used in stable and predictable industries where there is little uncertainty or fluctuation in revenues and expenses.

A static budget offers efficiency and careful decision-making, but it lacks flexibility and adaptability if circumstances change during the fiscal year.

## Flexible Budget:

A flexible budget is a type of budget that can be adjusted or revised as needed to reflect changes in the business environment or actual performance. It is a dynamic budget that allows for flexibility and adaptability in response to changing circumstances during a financial period.
The advantages of flexible budget allow for changes in response to changing circumstances. It enables management to react to new opportunities and challenges, as well as make more informed decisions based on current data.
Drawbacks of flexible budget are lack of budgetary discipline, time and cost consuming. It is difficult in tracking performance to evaluate against budget sometimes.

## Functional Budget:

A functional budget is a type of budgeting that involves creating of separate budgets for each department or sector of an economy or an organization, based on their specific needs and goals. This approach categorizes budgets according to functional areas, such as production, marketing, research and development and administration etc.

## Master Budget:

A Master Budget is a collection of functional budgets, where separate budgets for all departments or sectors of the economy are combined into a single, comprehensive budget. This integrated budget includes all the financial plans and projections for the entire organization, presenting a unified financial blueprint.
For Example,
Master Budget = Production Budget + Marketing Budget + Development Budget +administration Budget ...etc.

## Zero-Based Budget (ZBB):

Zero-Based Budget (ZBB) is a budgeting approach that is introduced in 1970s. In this technique the budget is prepared by ignoring past financial data and solely considering current income and needs. It's a budget that is created from scratch, without any influence from the previous financial period. This approach is called Zero-Based Budgeting because it's like starting from the beginning or zero balance on current expenses and goals.

## Participative Budgeting or Negotiated Budgeting:

Participative budgeting is a budgeting method that involves various stakeholders, such as citizens, residents, or all members of an organization, in the budgeting process. The aim of this approach is to increase transparency, accountability, and community participation in budgeting decisions. In simple words, this budgeting method involves seeking input from all levels of management, both top and bottom, in estimating revenues and expenditures, making everyone a part of the budgeting process.
Imposed Budgeting:
In this budgeting method, only top-level management of a country or organization is involved in the budgeting process and the budget is imposed on lower-level management without participation. Imposed budgeting is the opposite of participative budgeting, where all stakeholders are involved in the budgeting process.

## Rolling Budget:

A Rolling Budget or Budget Rollover is also known as a Continuous Budget or Rolling Forecast that takes into account previous statics and aligns with future estimations to create a new budget for the next fiscal period. Majority of countries and organizations use Rolling Budgeting.

## Annual Budget:

An Annual Budget is a financial plan or statement which a country or organization prepares for a financial year, outlining its

estimated income and expenditures. It's a tool used by individuals, businesses, and governments to manage finances, allocate resources and achieve financial goals.

**Conclusion:**

A budget can be viewed as a dual-entry financial plan, where one side represents a countries or organization's income and the other outlines its current and future developmental expenditures. It serves as a crucial tool for ensuring a balanced allocation of resources within a specific fiscal period, typically one year.

In essence, budgeting is a fundamental pillar of economic planning and public administration. It not only reflects a government's priorities and financial health but also serves as a roadmap for national development and welfare. From static to flexible, and participative to imposed budgeting, each type offers unique advantages and challenges depending on the economic context and governance structure.

A well-prepared budget ensures transparency, resource optimization, and fiscal discipline, enabling governments to achieve economic stability, promote growth, and improve public services. Therefore, understanding the theory and practice of public budgeting is essential for policymakers, economists, and citizens alike, as it shapes the trajectory of national progress and the overall well-being of the population.

**Recommendations:**

In light of the comprehensive theoretical and practical examination of public budgeting presented in this study, the following recommendations are offered to strengthen the design, implementation, and outcomes of budgetary systems in contemporary governance:

•**Adopt Integrated Budgeting Frameworks:**

Governments should move toward adopting hybrid budgeting models that combine the strengths of various approaches such as zero-based, rolling, and performance-based budgeting to enhance adaptability, fiscal discipline, and strategic alignment with national development priorities.

•**Institutionalize Participative Budgeting:**

To improve accountability, transparency, and responsiveness, participative budgeting mechanisms should be formally embedded within public financial management systems. This includes facilitating stakeholder engagement through legal mandates, civic forums, and digital participatory platforms.

•**Invest in Capacity Building and Technical Training:**

Successful budgeting reforms require the continuous development of human capital. Public institutions should prioritize training programs and technical support for financial managers, policy analysts, and administrative staff to improve budget formulation, execution, and monitoring capacities.

•**Prioritize Outcome-Oriented Budgeting Practices:**

Public budgeting should emphasize results-oriented frameworks that link resource allocation to measurable social and economic outcomes. This approach ensures that public spending is aligned with performance benchmarks, service delivery targets, and national policy objectives.

•**Strengthen Legal and Institutional**: Frameworks for Fiscal Responsibility Establishing sound fiscal rules, independent oversight bodies, and transparent reporting standards can help governments manage deficits, reduce fiscal imbalances, and promote long-term macroeconomic stability.

**•Leverage Digital Technologies for Transparency and Efficiency:**
Digital innovations, including e-budgeting platforms and real-time expenditure tracking systems, should be integrated into the budgeting process to improve efficiency, data accuracy, public access, and anti-corruption efforts.

**•Tailor Budgeting Approaches to National Contexts:**
Budgeting models should not be universally applied without consideration of contextual factors such as political structures, economic volatility, administrative capacity, and institutional maturity. A contextualized approach ensures relevance and practical effectiveness.

**•Implement Continuous Monitoring and Evaluation Mechanisms:**
Governments should institutionalize regular performance reviews, audits, and impact assessments to ensure the ongoing relevance and effectiveness of budgeting practices. This also allows for timely adjustments in response to emerging challenges.

**•Promote Inclusive and Gender-Responsive Budgeting:**
In pursuit of equitable public finance, budgeting processes should incorporate gender-sensitive and inclusion-focused frameworks to address the needs of underrepresented populations and ensure fair distribution of resources.

Encourage Further Empirical and Comparative Research
There is a need for ongoing scholarly investigation into the real-world outcomes of different budgeting models across diverse political and economic systems. Comparative studies and empirical analyses can offer valuable insights for policy refinement and innovation in public budgeting.

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