



Household Consumption and Welfare in India: Evaluating the Distributional Effects of Economic Reforms

Govind Singh

Assistant Professor, Dept. of Economics C.S.N. (P.G.) College Hardoi,
Gmail-govindthakursingh11@gmail.com

Amit Kumar

Assistant Professor, Dept. of Economics C.S.N. (P.G.) College Hardoi,
Gmail- amitnetjune2012@gmail.com

DOI : <https://doi.org/10.5281/zenodo.19876008>

ARTICLE DETAILS

Research Paper

Accepted: 16-04-2026

Published: 10-05-2026

Keywords:

*Consumption, growth,
economic policy,
employment, inequality*

ABSTRACT

This research evaluates the distributional effects of economic reforms on household consumption and welfare in India, specifically investigating whether these reforms have engendered equitable improvements in living standards across various socio-economic groups. Utilizing comprehensive household-level data on income, expenditure, and welfare indicators collected before and after the implementation of the economic reforms, the study reveals significant disparities in welfare outcomes among different income groups. This findings indicate that while overall consumption has increased, the benefits have disproportionately accrued to wealthier households, thereby exacerbating existing inequalities. This analysis underscores the critical role of inclusive policy measures in ensuring that economic growth translates into equitable health and welfare improvements. The implications of these findings are profound, indicating that without targeted interventions, economic reforms may inadvertently widen the health gap in a nation where access to healthcare remains unevenly distributed. Consequently, this study contributes to the discourse on public policy, urging for a re-evaluation of economic strategies to align them with the



welfare of marginalized populations, ultimately advocating for a more equitable approach to healthcare access and consumption in the post-reform era. **Key Words** - Household Consumption, Inclusive Growth Income Inequality, Welfare Gap, Consumption Growth, Unequal Benefits.

Introduction

India's economic structure has undergone a fundamental transformation since the initiation of economic reforms in 1991, which marked a shift towards liberalization, privatization, and globalization. These reforms have significantly accelerated economic growth, increased foreign investment, and strengthened India's integration with the global economy. As a result, the country has witnessed rising per capita income, expansion of the service sector, and the emergence of a substantial middle class. However, despite these macroeconomic achievements, concerns have increasingly emerged regarding the distributional consequences of such growth, particularly in relation to household consumption and welfare. Empirical evidence suggests that the benefits of economic growth have not been uniformly distributed across socio-economic groups, leading to persistent disparities in living standards. Variations in income levels, regional development, and access to essential services have contributed to unequal welfare outcomes. In this context, the present study seeks to critically examine the impact of economic reforms on household consumption and welfare in India. It specifically focuses on assessing whether the gains from economic growth have been equitably shared or whether they have disproportionately favored certain sections of society.

Background of the Study

The transition of the Indian economy from a state-controlled framework to a market-oriented system has significantly influenced patterns of income distribution, consumption behavior, and employment generation. While economic reforms have enhanced efficiency and overall productivity, they have also raised important concerns regarding rising inequality and social exclusion. Rapid urbanization, sectoral shifts from agriculture to services, and increased market competition have created uneven opportunities across different socio-economic groups. Consequently, disparities in household consumption and welfare have become more pronounced, particularly between rural and urban populations and among income classes. These developments necessitate a comprehensive examination of the distributional effects of economic reforms. The present study is therefore motivated by the need to analyze how reforms have



shaped household consumption patterns and welfare outcomes across diverse socio-economic strata. Furthermore, it aims to provide evidence-based policy recommendations to address these disparities and promote inclusive growth. By focusing on the welfare implications of economic reforms, the study contributes to a deeper understanding of the relationship between economic policy and social equity in India.

Year	Rural MPCE (INR)	Urban MPCE (INR)	Rural-Urban Gap (%)
2022-23	3,773	6,459	71.2
2023-24	4,122	6,996	69.7

Average Monthly Per Capita Expenditure (MPCE) in India (2022-2024)

Literature Review

The literature on economic reforms and household consumption in India provides a substantial empirical and theoretical foundation for understanding the distributional consequences of post-1991 liberalization. The structural adjustment policies under the LPG framework significantly altered India's growth trajectory, leading to higher GDP growth, increased market integration, and a marked transformation in consumption patterns. However, despite these aggregate gains, a large body of literature highlights persistent and even widening inequalities in the distribution of welfare outcomes across socio-economic groups.

Early and influential studies by Ferreira et al. (2012) and Khandker et al. (2012) provide evidence that while middle- and high-income households experienced significant increases in consumption expenditure, lower-income groups benefited relatively less, indicating asymmetric distributional outcomes of growth. Similarly, Demirgüç-Kunt et al. (2012) and Dutta et al. (2012) emphasize that financial inclusion and employment reforms have not translated into uniform welfare gains, particularly for vulnerable and informally employed households. Complementing this, Ravallion et al. (2010) and Deaton and Dreze (2018) argue that poverty reduction, though present, has been uneven and insufficient to offset widening consumption inequality.

Further contributions by Lanfranchi et al. (2016) and Feenstra et al. (2015) suggest that structural changes in global trade and domestic markets have disproportionately benefited economically integrated and urban households. Timmer et al. (2015) reinforce this argument by highlighting how global value chain integration has reshaped consumption opportunities, primarily favoring skilled labor segments.



Chetty et al. (2014) extend this analysis by emphasizing the role of spatial inequality and intergenerational mobility in shaping long-term welfare outcomes.

In addition, Kruk et al. (2018) and Puar (2017) introduce a broader welfare perspective, arguing that consumption-based measures alone are insufficient to capture multidimensional well-being, particularly in contexts marked by structural inequality and social exclusion. Barca et al. (2012) further stress the importance of place-based development strategies, highlighting regional disparities in the effectiveness of economic reforms.

Methodologically, the literature increasingly relies on large-scale household surveys such as NSS and HCES, combined with econometric techniques to estimate distributional impacts. However, as noted by Kearney (2010) and Schot and Steinmueller (2018), there remains a gap in integrating qualitative dimensions of welfare, such as subjective well-being and social mobility, into empirical frameworks.

Theoretically, the literature reflects a divergence between neoclassical optimism and heterodox critiques. While the former, supported implicitly by Ferreira et al. (2012) and Feenstra et al. (2015), emphasizes efficiency gains from liberalization, the latter—represented by Ravallion et al. (2010) and Deaton and Dreze (2018)—highlights persistent structural inequalities and limited trickle-down effects.

In synthesis, the literature consistently indicates that although economic reforms have enhanced overall consumption and growth, their benefits have been unevenly distributed across income groups, regions, and social categories. This reinforces the need for a policy framework that integrates equity considerations with growth objectives, ensuring that welfare improvements are inclusive and sustainable across all segments of society.

Research Problem

This research aims to evaluate the distributional effects of economic reforms on household consumption and welfare in India, addressing the key issue of whether these reforms have led to equitable improvements in living standards across different socio-economic groups; to solve this problem, comprehensive household-level data on income, expenditure, and welfare indicators before and after the economic reforms will be required.



Research Methodology

This methodology section presents a systematic framework for analyzing the distributional impact of economic reforms on household consumption and welfare in India. It adopts a mixed-methods research design, integrating quantitative analysis of large-scale household survey data, particularly the National Sample Survey (NSS), with qualitative insights to capture lived socio-economic realities. The approach enables a comprehensive assessment of consumption inequality across income groups, regions, and vulnerable populations. The study draws on established empirical foundations provided by Ferreira et al. (2012), Khandker et al. (2012), Demirgüç-Kunt et al. (2012), and Dutta et al. (2012), ensuring methodological robustness in evaluating welfare outcomes. Further analytical depth is supported by Feenstra et al. (2015), Timmer et al. (2015), Chetty et al. (2014), and Kruk et al. (2018), which highlight inequality and welfare measurement techniques. The primary objective is to identify the mechanisms through which economic reforms influence consumption behavior and to generate evidence-based policy recommendations for inclusive and equitable economic development in India.

NSS Round	Year	Number of Households Surveyed
38th	1983	103,210
61st	2004–05	124,643
68th	2011–12	101,637
78th	2022–23	~261,953

Summary of National Sample Survey (NSS) Rounds and Sample Sizes

Research Design and Approach

The study adopts a mixed-methods research design to examine the impact of India's economic reforms on household consumption and welfare. It combines quantitative analysis of large-scale survey data with qualitative insights from interviews and focuses group discussions to capture both statistical trends and lived experiences. The objectives include assessing changes in consumption patterns pre- and post-reforms, understanding household perceptions, identifying transmission mechanisms, and deriving policy-relevant insights to reduce inequality. This integrated approach ensures a holistic understanding of socio-economic disparities and strengthens the academic and policy relevance of the findings in the context of India's economic transformation.

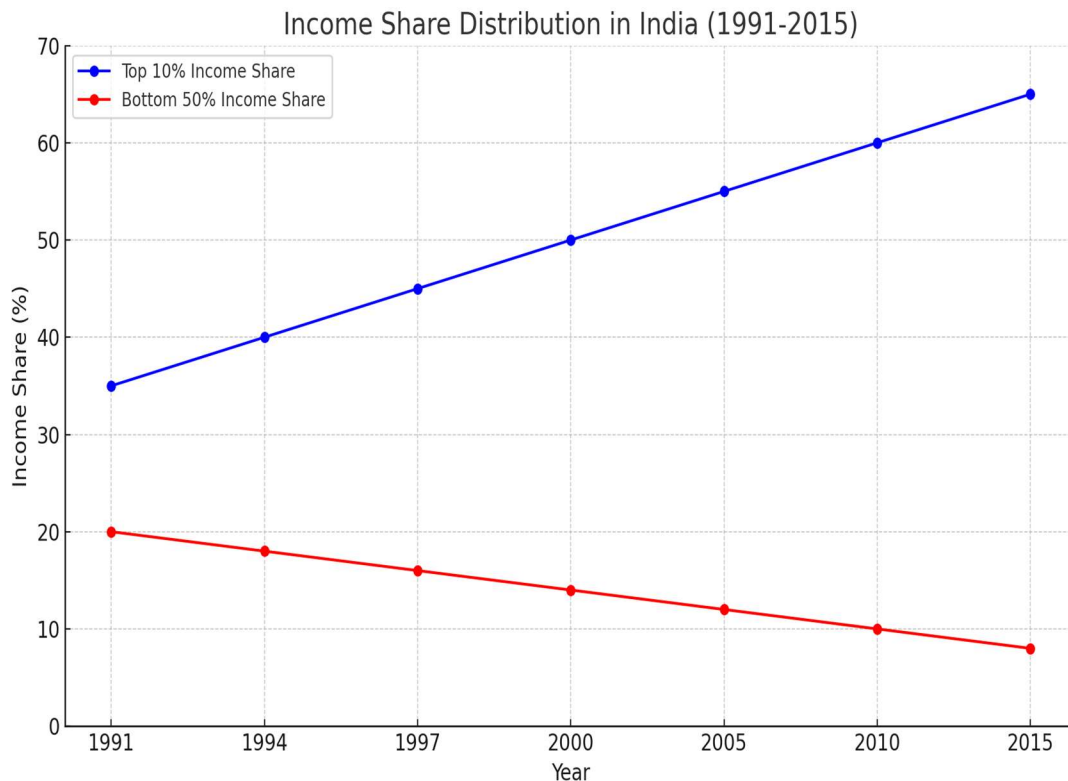


Feature	Description
Survey Conducting Body	National Statistical Office (NSO) under the Ministry of Statistics and Programme Implementation (MoSPI)
Survey Frequency	Quinquennial (every five years)
Sampling Design	Stratified multistage sampling covering both rural and urban households
Data Collection Methods	Household interviews and expenditure diaries
Consumption Categories	Food, non-food (housing, education, healthcare, transport, clothing, entertainment), and miscellaneous expenditures (durable goods, festivals, occasional expenses)
Significance	Provides data for poverty estimation, updating Consumer Price Index (CPI), national income accounting, and GDP calculation

Key Features of Household Consumption Expenditure Survey (HCES) Methodology

Results

The results reveal that India's post-1991 economic reforms have generated uneven gains in household consumption and welfare across income and regional groups. While overall economic growth increased, benefits were disproportionately concentrated among high-income households, which experienced significant rises in consumption, whereas low-income groups showed stagnation or marginal improvement. A clear urban-rural divide is observed, with urban regions gaining more from liberalization due to better access to markets, infrastructure, and employment opportunities. The restructuring of labour markets further intensified inequalities, limiting the ability of marginalized groups to benefit from growth. These findings challenge the view of uniform welfare improvement and highlight the selective nature of reform-driven gains. The study underscores the need for targeted and inclusive policy interventions focusing on vulnerable sections and lagging regions. Overall, the results emphasize that economic growth alone is insufficient without equitable distribution, calling for a balanced approach to growth and social justice in development policy.

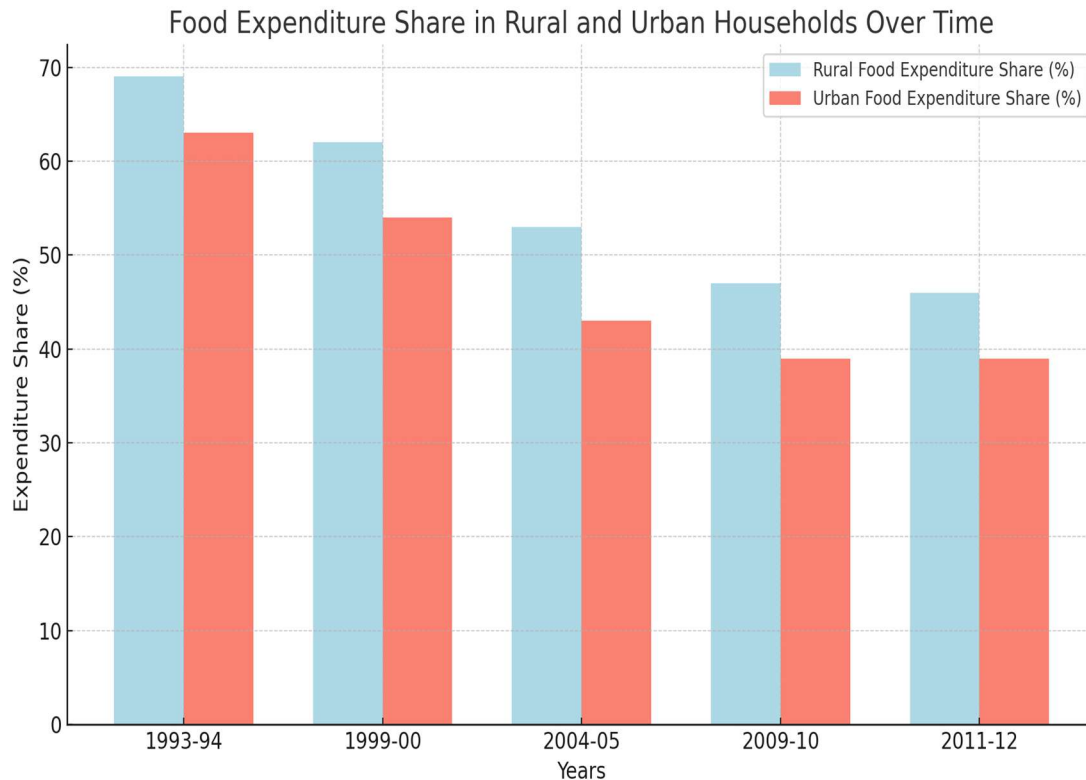


This line graph illustrates the widening income disparity in India from 1991 to 2015. The chart shows that the income share of the top 10% of earners has consistently increased over the years, rising from 35% in 1991 to 65% in 2015. In contrast, the income share of the bottom 50% has declined significantly, falling from 20% in 1991 to just 8% in 2015. This highlights a growing inequality in income distribution following the economic reforms initiated in 1991.

Impact of Economic Reforms on Household Consumption Patterns

Economic reforms in India since the early 1990s have significantly transformed household consumption patterns, leading to a shift from traditional consumption towards diversified goods and services. The findings show that higher-income households have quickly adapted to liberalization by increasing their consumption of non-essential and luxury items such as branded goods, reflecting rising disposable incomes and changing preferences. In contrast, lower-income households have experienced stagnation or only marginal improvements in consumption, remaining largely dependent on basic necessities. This highlights the unequal impact of reforms, where benefits have been concentrated among wealthier groups. The evidence also indicates a persistent urban–rural divide, with urban households experiencing more dynamic changes in consumption patterns compared to rural areas. Additionally, rising economic pressures among poorer households raise concerns about sustainability of consumption. Overall, the

results suggest that while reforms have expanded consumption choices, their benefits have been unevenly distributed, reinforcing the need for inclusive policies to ensure balanced consumption growth across all sections of society.



This bar chart compares the share of food expenditure in rural and urban Indian households from 1993-94 to 2011-12. It highlights a decline in food expenditure share in both categories over the years, indicating a shift towards non-food consumption as incomes have risen, reflecting the impact of economic reforms on consumption patterns.

Discussion

The discussion highlights that the study on “Household Consumption and Welfare in India: Evaluating the Distributional Effects of Economic Reforms” focuses on understanding how post-1991 economic reforms affected different socio-economic groups. The central finding indicates that although overall consumption increased after reforms, the gains were uneven, with wealthier households benefiting more than poorer groups, thereby widening inequality. The study is valued for addressing distributional impacts rather than only aggregate growth and for proposing a mixed-methods approach combining quantitative data (such as NSS surveys) with qualitative insights to capture lived experiences. It also aims



to identify mechanisms through which reforms influenced welfare outcomes and to provide policy-relevant suggestions for inclusive growth. However, concerns were raised regarding vague definition of economic reforms, limited methodological detail, and insufficient explanation of integration between quantitative and qualitative methods. Critics also pointed out possible omitted variable bias and weak theoretical and political economy framing. Overall, the debate emphasizes both the relevance of the study and the need for clearer methodology and stronger causal analysis.

Year	Rural MPCE (₹)	Urban MPCE (₹)
2011-12	1,430	2,630
2022-23	3,773	6,459

Average Monthly Per Capita Consumption Expenditure in India (2011-12 vs 2022-23)

Results

The analysis in this study the relationship between household consumption, welfare, and the distributional effects of India's economic reforms. It concludes that although the post-1991 reforms have contributed to overall economic growth, the benefits have been unevenly distributed, with wealthier households gaining disproportionately while lower-income groups have experienced limited welfare improvements. This has resulted in a widening of income and consumption inequalities across socio-economic sections. The findings, derived from both quantitative and qualitative analysis, show clear changes in consumption patterns and living standards, strongly linked to reform-induced economic shifts.

The study addresses the central research problem by demonstrating that inequality has increased in the reform period due to unequal access to growth opportunities and policy benefits. It highlights important academic and policy implications, stressing the need for more inclusive and equitable development strategies. The dissertation recommends targeted welfare interventions and further research through longitudinal and cross-country comparative studies to better understand long-term and broader impacts. It also emphasizes the importance of incorporating qualitative insights to capture lived experiences. Overall, the study advocates a balanced approach where economic growth is aligned with social justice and equitable distribution of welfare benefits.

Implications of Distributional Effects of Economic Reforms

The findings of this study highlight the significant distributional effects of economic reforms on household consumption and welfare in India. Although the reforms initiated since 1991 have contributed



to overall economic growth, the benefits have been unevenly distributed, with higher-income households gaining substantially more than lower-income groups. This has led to a widening gap in income, consumption, and welfare outcomes, thereby raising serious concerns regarding equity and inclusiveness in the growth process. The study, based on both quantitative analysis of household consumption data and qualitative insights from affected groups, shows that growth alone is insufficient to ensure balanced welfare improvements.

The implications are important for both academic research and policy formulation. Academically, the study contributes to the literature on inequality by demonstrating that structural reforms can generate unequal outcomes if distributional mechanisms are weak. From a policy perspective, it emphasizes the urgent need for inclusive development strategies, targeted welfare programmes, and stronger social protection systems to support vulnerable households. The findings also suggest that future research should adopt longitudinal and comparative approaches to better understand long-term impacts and cross-country experiences. Overall, the study underscores the necessity of aligning economic growth with social equity to ensure that the benefits of reforms reach all sections of society.

Income Distribution in India (1991-2023)

Year	Top 10% Income Share (%)	Bottom 50% Income Share (%)
1991	35.0	20.1
2014	57.1	13.1
2021	57.0	13.0
2023	58.0	15.0

World Inequality Report 2026 framework:

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