



Labour Market Changes in Karnataka after COVID-19

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Abstract

The COVID-19 pandemic created an unprecedented shock to labour markets worldwide, severely affecting employment, income security, and labour mobility. In India, the impact varied across states depending on economic structure, sectoral composition, and policy response. Karnataka, one of India's fastest-growing states with a diversified economy, experienced significant labour market disruptions during the pandemic, followed by a gradual and uneven recovery. This paper examines the changes in Karnataka's labour market in the post-COVID period by analysing employment trends, unemployment rates, sectoral shifts, informal–formal workforce dynamics, migration patterns, and government policy interventions. Using secondary data from labour surveys, government reports, and existing literature, the study highlights both resilience and persistent challenges within the state's labour market. The findings suggest that while Karnataka has shown strong recovery in employment and labour force participation, issues such as high informality, skill mismatch, wage insecurity, and regional disparities continue to affect sustainable labour market growth.

Keywords: Labour Market, COVID-19, Employment Trends, Informal Sector, Migration, Unemployment, Skill Development, Karnataka Economy, Workforce Participation, Post-Pandemic Recovery

1. Introduction

The labour market is a central component of economic development, as it directly influences productivity, income distribution, living standards, and overall social welfare. Employment not only provides income but also determines access to social security, healthcare, and economic stability for households. Any large-scale economic disruption therefore has immediate and long-term consequences for employment patterns, wage levels, and labour mobility.

The COVID-19 pandemic, which began in early 2020, represented an unprecedented shock to labour markets across the world. In India, strict lockdowns, mobility restrictions, and the temporary shutdown of economic activities were implemented to contain the spread of the virus. While these measures were essential from a public health perspective, they resulted in a sharp economic contraction. Millions of workers experienced job losses, reduced working hours, and income insecurity, particularly those employed in the informal sector, which accounts for a majority of India's workforce.

Karnataka occupies a unique and significant position in India's economy due to its diversified economic structure. The state is a major hub for information technology and knowledge-based services, particularly in Bengaluru, while also having a strong presence in manufacturing, construction, agriculture, and allied activities. Karnataka attracts a large migrant workforce from within the state and from other parts of the country, making its labour market highly dynamic and mobile. Urban centres in the state are heavily dependent on informal and contract workers for construction, transport, domestic work, and service delivery.

The COVID-19 pandemic severely disrupted this structure. Lockdowns halted industrial production and service activities, leading to widespread job losses and reverse migration of workers. The crisis exposed several structural vulnerabilities of Karnataka's labour market, including heavy reliance on informal employment, inadequate social protection for migrant and casual workers, gender disparities in employment, and regional imbalances between urban and rural areas. In the post-pandemic period, the state faced the challenge of reviving employment while adapting to new economic realities such as digitalisation, remote work, and changing labour demand.

This study aims to analyse the impact of COVID-19 on Karnataka's labour market, focusing on employment losses, migration trends, sectoral shifts, and changes in labour force participation. It also examines government policy responses and post-COVID recovery patterns to understand how the state has attempted to rebuild a more resilient and inclusive labour market.

2. Review of Literature

A growing body of literature has examined the impact of the COVID-19 pandemic on labour markets at global, national, and regional levels. Early studies highlighted the severity of employment shocks caused by lockdowns and economic restrictions, noting that the pandemic led to one of the largest disruptions to labour markets in recent history. These studies found that job losses were concentrated in sectors requiring physical presence, such as construction, manufacturing, hospitality, retail trade, and transport.

Several researchers have emphasized that informal workers were the most vulnerable during the pandemic. Due to the absence of written contracts, job security, and social insurance, informal sector workers faced immediate income losses with limited access to institutional support. Studies also pointed out that self-employed workers, daily wage earners, and casual labourers were disproportionately affected, often exhausting savings and resorting to informal borrowing to meet basic needs.

A significant strand of literature focuses on migrant labour and labour mobility during the pandemic. Scholars documented large-scale reverse migration from urban centres to rural areas following the sudden shutdown of economic activities. This reverse migration exposed poor living conditions, lack of housing security, and limited access to healthcare for migrant workers in cities. At the same time, rural areas experienced increased pressure on employment opportunities, leading to underemployment and greater dependence on public employment programmes.

Gender-based analyses in the literature reveal that women experienced higher employment losses compared to men. Studies highlight that women were more likely to exit the labour force due to increased unpaid care work, closure of schools, and concentration in highly affected sectors such as domestic work, garments, and hospitality. Even during the recovery phase, women's labour force participation remained lower, indicating long-term scarring effects.

State-level and region-specific studies on Karnataka provide further insights into the differentiated impact of the pandemic. Research indicates that construction, hospitality, retail trade, transport, and small-scale manufacturing witnessed sharp employment contractions during lockdowns. In contrast, agriculture and allied activities served as a temporary buffer by absorbing displaced workers, particularly in rural areas. Studies also note that Karnataka's strong IT and digital services sector showed greater resilience, with remote work enabling faster recovery in skilled employment.

More recent literature focuses on post-COVID labour market recovery and structural transformation. While employment levels have improved with the reopening of the economy, scholars argue that recovery has been uneven across sectors, skill groups, and regions. There is growing consensus that the pandemic has intensified existing structural challenges such as informality, skill mismatch, youth unemployment, and unequal access to quality employment. These studies emphasize the need for targeted policy interventions, skill development, and stronger social protection systems to ensure sustainable and inclusive labour market recovery.

3. Impact of COVID-19 on Karnataka's Labour Market

Employment Shock and Job Losses

The immediate impact of COVID-19 on Karnataka's labour market was characterized by sudden and widespread job losses. Lockdowns led to the closure of factories, construction sites, small businesses, and service establishments. Daily wage earners, street vendors, domestic workers, and contract workers were among the worst affected, as their livelihoods depended on daily economic activity.

In addition to job losses, many workers faced **wage cuts, delayed salaries, reduced working hours, and unpaid leave**, further intensifying financial insecurity. Households with limited savings were pushed into debt, often relying on informal borrowing. Women workers were disproportionately affected, particularly in domestic work, garment manufacturing, and hospitality, where job losses were more persistent.

Small and medium enterprises (SMEs), which employ a large share of Karnataka's workforce, struggled with **liquidity shortages, disrupted supply chains, and declining consumer demand**. Many enterprises shut down permanently, while others adopted cost-cutting measures such as hiring freezes and layoffs. Urban employment hubs like Bengaluru, Mysuru, and Mangaluru witnessed sharp contractions in employment, especially in non-essential services.

Reverse Migration and Labour Mobility

One of the most visible effects of the pandemic was large-scale reverse migration. Migrant workers employed in construction, manufacturing, hospitality, and informal services returned to their native districts and states due to job losses, lack of social security, and uncertainty in urban centres. This exposed the **precarious living and working conditions of migrant labour**, including inadequate housing and access to healthcare.

The sudden outflow of migrant workers disrupted urban labour markets and delayed infrastructure projects, industrial production, and service delivery. At the same time, rural areas experienced a **surge in labour supply**, resulting in disguised unemployment and increased pressure on agricultural wages and productivity.

In the post-pandemic phase, labour mobility patterns have changed. Some workers have chosen **local employment, self-employment, or gig work**, while others are more hesitant to migrate without assurances of job security and welfare support. This has led to a rethinking of migration policies and urban labour planning.

4. Post-COVID Employment Trends

Unemployment and Workforce Participation

With the gradual lifting of restrictions and reopening of economic activities, Karnataka experienced a **slow but steady recovery in employment levels**. Unemployment rates declined as industries resumed operations and consumer demand improved. Labour force participation increased in both rural and urban areas, partly driven by **economic necessity**, with more household members seeking work to compensate for income losses.

However, the recovery remained uneven. **Youth unemployment and educated unemployment continued to pose challenges**, as fresh graduates faced limited job opportunities. Women's workforce participation recovered more slowly due to increased domestic responsibilities and reduced availability of suitable jobs. Informal employment absorbed a significant portion of returning workers, indicating a recovery in quantity rather than quality of employment.

4.2 Sectoral Shifts in Employment

The post-COVID period brought significant sectoral realignment in Karnataka's labour market:

- **Agriculture** acted as a fallback sector, absorbing surplus labour, though often at low productivity and wages.

- **Service sector growth**, particularly in IT, digital platforms, fintech, and e-commerce, accelerated due to remote work, digital transactions, and online service delivery.
- **Gig and platform-based employment** expanded in areas such as food delivery, ride-hailing, and freelance digital services, offering flexibility but limited social security.
- **Manufacturing and construction** recovered gradually but remained vulnerable to global supply disruptions, rising input costs, and fluctuating demand.

These changes reflect a **structural transformation toward technology-driven and skill-intensive employment**, increasing the importance of education and continuous skill upgrading.

5. Informal and Formal Employment Dynamics

Despite economic recovery, informal employment continues to dominate Karnataka's labour market. A majority of workers remain engaged in **casual labour, contract work, home-based work, and self-employment**, often without written contracts or social protection. Many workers who lost formal jobs during the pandemic were forced to accept informal work at lower wages and reduced job security.

At the same time, there has been a gradual expansion of formal employment through **start-ups, industrial corridors, MSME revival, and public sector hiring**. Digitalisation of business processes and labour registration has supported formalisation efforts, but progress remains slow. Bridging the gap between informal and formal employment remains crucial for ensuring decent work conditions, income stability, and long-term economic resilience.

6. Government Policy Responses

Skill Development Initiatives

Recognizing the need for workforce adaptability, the Karnataka government strengthened skill development programmes focusing on **vocational training, reskilling, and upskilling**. Emphasis was placed on digital literacy, advanced manufacturing skills, and emerging areas such as artificial intelligence, automation, renewable energy, and electric mobility. Partnerships with industry and educational institutions aimed to reduce skill mismatch and improve employability among youth.

Welfare Measures for Workers

The state expanded welfare measures for unorganised and vulnerable workers through **direct benefit transfers, food security schemes, health insurance coverage, and housing assistance**. Special attention was given to migrant workers, construction workers, and street vendors. These interventions helped cushion income shocks, though challenges related to identification, registration, and outreach persisted.

Labour Reforms and Institutional Changes

Labour law reforms introduced during the recovery phase sought to enhance **ease of doing business, labour market flexibility, and industrial competitiveness**. While employers highlighted efficiency gains and investment potential, trade unions raised concerns about dilution of labour rights, longer working hours, and weakened collective bargaining. Balancing economic growth with worker protection remains a key policy challenge.

7. Challenges and Future Prospects

Despite signs of recovery, Karnataka's labour market continues to face structural challenges:

- Persistent dominance of informal and insecure employment
- Skill mismatch between education outcomes and labour market needs
- Regional and sectoral inequalities in job creation
- Low female labour force participation

- Limited social security coverage for informal and gig workers

Future labour market resilience will depend on **inclusive growth strategies, targeted employment generation, expansion of social protection systems and sustained investment in education and skill development**. Strengthening labour institutions and promoting equitable access to opportunities will be critical for ensuring long-term economic stability in post-COVID Karnataka.

Conclusion

The COVID-19 pandemic significantly reshaped Karnataka's labour market, causing initial disruption followed by gradual recovery and structural adjustment. While employment levels and participation rates have improved, long-term challenges related to informality, inequality, and job quality persist. Policymakers must focus on creating sustainable, inclusive, and skill-oriented employment opportunities to ensure long-term labour market stability in Karnataka.

References

1. Periodic Labour Force Survey (PLFS), Government of India
2. Economic Survey of Karnataka
3. Ministry of Labour and Employment Reports
4. Academic studies on COVID-19 and labour markets in India
5. State Government policy documents on skill development