20 April 2021 | 11.00 AM BST

Findings from PPRC-BIGD 3rd Round Survey

ONE YEAR INTO THE COVID-19 CRISIS:

Poverty Dynamics & Household Realities Part I

Dr Hossain Zillur Rahman | Dr Imran Matin
Team Members

Atiya Rahman, Senior Research Associate  
Dr Imran Matin, Executive Director  
Dr Narayan Das, Senior Research Fellow  
Md. Saiful Islam, Research Associate  
Dr Sakib Mahmood, Research Fellow

Hossain Zillur Rahman, Executive Chairman  
Umama Zillur, Senior Research Associate  
Billal Hossain, Sr. Field Research Specialist  
Masudul Haque, Sr. Field Research Specialist  
Subodh Chandra Sarker, Data Manager
Presentation Structure

1. One year into COVID-19: Household economic realties
   2a. Deep dive: fragility of recovery
   2b. Deep dive: drivers of vulnerability
3. Predicaments of the ‘New Poor’
4. Depleted coping capacity: livelihoods realities in the second wave
5. Policy Messages
The Survey

Round 3
[Late recovery effects]

4-12 Apr
Round 1
[Lockdown effects]

Jun 20-Jul 2
Round 2
[Early recovery effects]

Mar 20
1st COVID case

8 Mar

1 June
Lockdown relaxation

11-31 Mar 21

Lockdown

Mar 20

2nd lockdown

June 20
Lockdown relaxation

Jun 20

2nd Wave

Round 3
[7,638 HHs are re-surveyed
6,099 (81%) successfully

3549 HHs 3 rounds
6,099 HHs 2 rounds
Respondent Profile

Average HH size: **4.93**

- **56%** Rural
- **43%** Urban-slum
- **1%** CHT

- **84%** Male
- **16%** Female

- 13% female headed HHs nationally
One Year Into Covid-19
Summary of Household Economic Realities
Per capita income **7%** below pre-COVID in March 2021

- Per capita daily income (BDT)
- Feb 2020's constant prices

- **February:** 116
- **June:** 65
- **March, 2021:** 107

- 7% drop compared to Feb 20
- 44% drop compared to Feb 20
Per capita income 14% still below pre-COVID level in urban slums in March 2021
8% of pre-COVID employed were still unemployed in March 2021

Employment status in Jun 2020 and Mar 2021
(of those employed in Feb 2020)
1 year from the crisis, around half were in their pre-covid occupation but 41% had to move to another occupation by March 2021

Employment status in **Jun 2020** and **Mar 2021** (of those employed in Feb 2020)

- **Rural**
  - 78% same job as Feb 20
  - 15% changed job
  - 7% no income source

- **Urban**
  - 75% same job as Feb 20
  - 10% changed job
  - 41% no income source
Unemployment rates remains high for skilled labour, salaried jobs and housemaids

% unemployed in June 20 and March 21 (of those employed in Feb 2020)
Notwithstanding limited income recovery, corresponding food expenditure recovery did not occur for urban slum sample.
Food Security Trends 1 year from crisis

- Food expenditure was **16.7% below** pre-covid levels in **urban slums**

- Severe food insecurity – households going hungry whole day at least once in last one month:
  - Rural: **1%**
  - Urban: **2.3%**

- Some improvement in diet diversity since June, 2020 but persistence of **long-term nutritional insecurity**:
  - 52% HHs had no **meat**
  - 72% had no **milk**
  - 40% had no **fruit**

In their weekly diet in March 2021
4% rise in extreme poverty among the study sample over the 1 year of covid crisis

<table>
<thead>
<tr>
<th>Month</th>
<th>Extreme poor</th>
<th>Moderate Poor</th>
<th>Vulnerable non-poor</th>
<th>Non-poor</th>
</tr>
</thead>
<tbody>
<tr>
<td>February (pre-COVID)</td>
<td>38</td>
<td>18</td>
<td>18</td>
<td>26</td>
</tr>
<tr>
<td>June</td>
<td>73</td>
<td>8</td>
<td>8</td>
<td>11</td>
</tr>
<tr>
<td>March 2021</td>
<td>42</td>
<td>16</td>
<td>17</td>
<td>25</td>
</tr>
</tbody>
</table>

Change in poverty status of the sample over time (% of HHs in each income group)
Deep Dive:
Fragile Recovery
Income
Rural-urban disparity in recovery

**Per capita daily income (BDT, Feb 2020 constant prices)**

<table>
<thead>
<tr>
<th></th>
<th>February</th>
<th>June</th>
<th>March, 2021</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rural</td>
<td>106</td>
<td>61</td>
<td>108</td>
</tr>
<tr>
<td>Urban</td>
<td>124</td>
<td>69</td>
<td>107</td>
</tr>
<tr>
<td>CHT</td>
<td>101</td>
<td>74</td>
<td>95</td>
</tr>
</tbody>
</table>

**Urban upper poverty line**

**Rural upper poverty line**
Per capita income recovery from 2020 severe income drop better for poor compared to non-poor

*Poverty grouping by Feb 2020 income status
Income still below pre-COVID levels for all occupations except agriculture

Income recovery weaker for transport worker, skilled labour, small business and rickshaw-puller

% change in income from pre-COVID levels by occupation

- Agriculture: 12%
- Transport worker: -33%
- Skilled labour: -48%
- Unskilled labour: -43%
- Factory worker: -50%
- Salaried job: -18%
- Small business: -16%
- Rickshaw puller: -49%
- Housemaid: -48%

June, 2020: blue bars
March, 2021: red bars
Migration
### Persistent Trend in Reverse Migration

27.3% urban slum dwellers migrated in last one year

<table>
<thead>
<tr>
<th>17.5% migrated and ALREADY RETURNED</th>
<th>20.5% migrated before June (Early Migrants)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9.8% stayed back</td>
<td>6.8% migrated after June (Late Migrants)</td>
</tr>
</tbody>
</table>

Net reverse migration from urban over 1 year: 9.8%
Migration pattern

**Early Migrants**
- Nearly half (47%) of the early migrant were non-poor before the pandemic
- Majority (57%) of early migrants moved to other cities

**Late Migrants**
- One-third (61%) of late migrant were poor before the pandemic
- Majority (60%) of late migrants moved to villages

**Reverse Migration by Cities**
- From **Dhaka**: 33.4% - 22.5% = **10.9%**
- **Chottogram**: 20.3% - 13.8% = **6.5%**
- **other cities**: 27.4% - 16.2% = **11.2%**
Deep Dive:
Drivers of Vulnerability
Labor Market
### Employment challenges

#### Occupational Shift in 1 Year

<table>
<thead>
<tr>
<th></th>
<th>Agriculture</th>
<th>Transport worker</th>
<th>Skilled Labour</th>
<th>Unskilled labour</th>
<th>Factory Worker</th>
<th>Salaried Job</th>
<th>Small Business</th>
<th>Unemployed</th>
<th>Rickshaw puller</th>
<th>Housemaid</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>47</td>
<td>4</td>
<td>2</td>
<td>24</td>
<td>0</td>
<td>4</td>
<td>9</td>
<td>7</td>
<td>1</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Transport worker</td>
<td>2</td>
<td>60</td>
<td>2</td>
<td>11</td>
<td>0</td>
<td>4</td>
<td>5</td>
<td>4</td>
<td>12</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Skilled Labour</td>
<td>2</td>
<td>2</td>
<td>34</td>
<td>25</td>
<td>1</td>
<td>8</td>
<td>11</td>
<td>15</td>
<td>2</td>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>Unskilled labour</td>
<td>10</td>
<td>3</td>
<td>11</td>
<td>53</td>
<td>0</td>
<td>4</td>
<td>10</td>
<td>7</td>
<td>2</td>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>Factory Worker</td>
<td>2</td>
<td>2</td>
<td>7</td>
<td>10</td>
<td>55</td>
<td>13</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Salaried Job</td>
<td>3</td>
<td>3</td>
<td>6</td>
<td>12</td>
<td>1</td>
<td>55</td>
<td>6</td>
<td>11</td>
<td>3</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Small Business</td>
<td>6</td>
<td>2</td>
<td>5</td>
<td>14</td>
<td>1</td>
<td>5</td>
<td>58</td>
<td>7</td>
<td>2</td>
<td>1</td>
<td>100</td>
</tr>
<tr>
<td>Unemployed</td>
<td>9</td>
<td>3</td>
<td>5</td>
<td>10</td>
<td>1</td>
<td>6</td>
<td>7</td>
<td>56</td>
<td>1</td>
<td>2</td>
<td>100</td>
</tr>
<tr>
<td>Rickshaw puller</td>
<td>0</td>
<td>18</td>
<td>2</td>
<td>16</td>
<td>0</td>
<td>2</td>
<td>7</td>
<td>5</td>
<td>50</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>Housemaid</td>
<td>2</td>
<td>0</td>
<td>4</td>
<td>6</td>
<td>1</td>
<td>3</td>
<td>3</td>
<td>35</td>
<td>0</td>
<td>46</td>
<td>100</td>
</tr>
</tbody>
</table>
- Sticky unemployment rate for women, 5 times higher than men in March
- Both men and women tried to switch jobs
- Re-entry challenges for women due to economic and non-economic factors

% with same job as Feb 20, shifted to another job, and no income source
(of those employed in Feb 2020)

<table>
<thead>
<tr>
<th></th>
<th>March 2021</th>
<th>June 2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Female</td>
<td>36%</td>
<td>64%</td>
</tr>
<tr>
<td>Male</td>
<td>52%</td>
<td>77%</td>
</tr>
</tbody>
</table>

- Same job as Feb 20
- Shifted to another job
- No income source
Non-food Expenditure Burden
Urban Non-food expenditure burden

- 98% rise in non-food expenditure burden between June 2020 and March 2021
- Significant rise in all items: Rent – 46%, Health – 81%, Transportation – 104%, Utility – 51%
Predicaments of the ‘New Poor’
PPRC-BIGD Study on economic impact of the Covid crisis first coined the term ‘new poor’ in April, 2020 to dramatize a new reality of a significant number of households above the poverty line slipping back into poverty.

This band of people included various occupational groups who make up the numerically large mostly urban middle class with informal occupations - rickshaw-pullers, drivers, security guards, maids, small and medium businesses, transport workers, restaurant workers, private school teachers, fixed-income salaried persons etc. 

The ‘new poor’ are finding it most difficult to return to pre-covid occupations and income levels are in danger of stuck in a poverty trap. 1 year from the crisis, 50% of the ‘new poor’ remain stuck in poverty.
‘new poor’ phenomenon is more prevalent in urban areas

59% in Urban and 44% in rural
Pre-COVID vulnerable non-poor are below poverty line

% of Pre-COVID VNP below poverty line

- June, 2020
- March, 2021
Despite some recovery between June, 2020 and March, 2021, national estimate of ‘new poor’ still stands in March 2021 at 14.75% which translates into a population of 24.5 million.
Depleted Coping Capacity on the Brink of 2nd Wave
Saving depletion
Saving depletion in both urban and rural

- **Rural**:
  - February: 19,588 BDT per HH
  - June: 14,917 BDT per HH
  - Drop: 24%

- **Urban-slum**:
  - February: 18,847 BDT per HH
  - March, 2021: 13,515 BDT per HH
  - Drop: 11%

**Note**: BDT per HH (Bangladeshi Taka per Household).
Debt Accumulation
% of HHs taking loan **doubled** from pre-COVID level across rural, urban, and CHT

HH level debt amount **almost double** from pre-COVID across rural, urban, and CHT

![Bar chart showing the increase in debt amount across different areas.](image-url)
% of HHs taking loan **doubled** from pre-COVID level across all income categories

HH level debt amount **almost double** from pre-COVID across all income groups

Amount of debt per HHs in **February**, **June** and **March 2021** (BDT)

- Extreme-poor: 22429 BD in Feb 89% rise to 35282 BD in June, 98% rise to 42499 BD in March
- Moderate poor: 22356 BD in Feb 89% rise to 34977 BD in June, 98% rise to 44302 BD in March
- Vulnerable non-poor: 26624 BD in Feb 89% rise to 39332 BD in June, 98% rise to 49512 BD in March
- Non-poor: 38187 BD in Feb 89% rise to 52427 BD in June, 98% rise to 63023 BD in March
Debt proportion in annual income level almost double from pre-COVID

![Bar chart showing debt as proportion of annual income by category and time period.]
Decrease in Social and Institutional Supports to meet food security

<table>
<thead>
<tr>
<th>% of HHs</th>
<th>Help from friend/relative</th>
<th>Help from neighbor/local people</th>
<th>Help from employer</th>
<th>Help from government</th>
<th>Help from NGO</th>
</tr>
</thead>
<tbody>
<tr>
<td>June, 2020</td>
<td>12</td>
<td>5</td>
<td>1</td>
<td>9</td>
<td>3</td>
</tr>
<tr>
<td>March, 2021</td>
<td>13</td>
<td>2</td>
<td>2</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>
Policy Implications
One year into Covid crisis: 7 Highlights

- **Fragile recovery**: Recovery from the economic shock of April-May, 2020 remains very fragile. *Rural resilience* – 1.9% rise in income – contrasts with *urban fragility* – March 2021 income 13.7% below pre-covid.

- **Deepening poverty**: There was 4% rise in extreme poverty within the study sample. Despite some recovery, national estimate of ‘new poor’ in March 2021 stood at 14.7% which translates into a population of 24.5 million.
• **Occupational recovery** concentrated in **unskilled** sectors. 41% in both rural and urban sectors had to move to less skilled sectors.

• **Women doubly burdened** – unemployment rate among female-headed households 5 times higher than men, women also face greater re-entry constraints into labour markets.

• **Three drivers of vulnerability** during covid crisis: Uncertainty of **preferred employment**, Non-food expenditure burdens – 98% rise in urban areas between June 2020 and March, 2021, and near-absence of social protection support – help from government – 9% to 2%, NGOs - 3% to 1%, employer – 1% to 0%, and local community – 5% to 2% - all declined between June, 2020 and March 2021.
Highlights contd.

• **Reverse migration** becoming an entrenched trend – Net rate from urban low-income settlements over 1 year 9.8%. Initial trend was ‘new poor’ to less-expensive cities, later poor and extreme poor to villages.

• Households face 2nd wave crisis with significantly **depleted coping capacity** - savings depleted by 24% and 11% in rural and urban respectively, **debt burden doubled** between June, 2020 and March 2021 for most groups. It is worth remembering that income drop for the poor and vulnerable was above 70% immediately after the 1st wave in March-April, 2020.
Four Policy Messages

Bangladesh is facing 2nd wave with incomplete and fragile recovery on one hand and significantly depleted household coping capacity on the other. Avoiding 2020 type income shock is critical. ‘Smart’ lockdown to avoid such a new income shock is both a health and an economic priority.

Social protection is playing only a token role in covid response but is a critical priority. Parallel to existing safety nets, urgent need for specific new and significant programs for urban poor and ‘new poor’ with effective targeting and leveraging technology.
Policy Messages contd.

Agriculture has been critical to economic recovery during covid crisis. A policy mind-set shift towards strengthening rural regeneration and a holistic approach to supporting agriculture is a key lesson from the covid crisis.

With occupational recovery concentrated in unskilled sectors, ‘new poor’ and women caught in emerging poverty trap due to vulnerability of the ‘meso-economy’ including CSME sector, a targeted and ‘big-push’ is necessary. PPRC-BIGD study calls for an urgent national CSME recovery action plan.