Young Lives study and new evidence on Youth labour market resilience during Covid-19

ILO, Employment Seminar
October 21st, 2020
Marta Favara, University of Oxford

Overview

1. Overview of Young Lives
2. Evidence from the Listening to Young Lives at Work: COVID-19 phone survey
   a) Impact on young people’s wellbeing
   b) Impact on youth labor market transitions
3. Youth employment resilience during COVID-19
4. Looking to the future: expanding our research agenda on employment and upcoming plans
Young Lives study

Young Lives: an overview

• Young Lives is a **mixed-methods multidisciplinary longitudinal** study initiated 20 years ago
• Core-funded by DFID (up to June 2018) and others (research foundations, international organizations, research grants etc..); new funding from FCDO for Young Lives at Work (2020-2025).
• **Improve understanding of the causes and consequences of child poverty** and to promote policy change in four developing countries: Ethiopia, India, Peru and Vietnam;
• **Studying the role of inequalities over the life-cycle** to explain skills development and learning, health and nutrition, access to labour markets, family formation, and exposure to risk and violence, through a gender lens.
• Provide evidence to **improve policies and practice**.
Structure of Young Lives survey

Listening to YLAW phone survey

Cumulative confirmed COVID-19 cases per million people
The number of confirmed cases is lower than the number of actual cases; the main reason for that is limited testing.
Country national lockdowns and restrictions

- Peru and India both implemented **stringent national lockdowns** in 2020.
  - Peru’s national lockdown took place between March 16th – 30th June (a total of 107 days)
  - India’s national lockdown took place between March 23rd – 8th June (a total of 75 days)

- In contrast to Peru and India, Vietnam only implemented a **relatively short 15-day national “lockdown”** in the beginning of April.

- During lockdowns, only essential services were permitted to continue, and educational institutions were closed.

The impact of the pandemic on young people’s wellbeing: some evidence from YL phone survey
1. Falling income and increasing expenses

- The social and economic effects of lockdowns are having a greater impact on young people than the prevalence of COVID-19 itself.

- Widespread reductions in income and increases in household expenses, particularly due to higher food prices, are more likely to impact those living in rural and the poorest households, though with some country variation.

2. Hunger: 1 in 6 household run out of food as effect of the pandemic (India and Ethiopia)
3. The unequal effect of school and university closures

There is a risk that many poorer students, particularly young men in rural areas, will be left behind and may never return to education.

In Peru, 16% of 19 year olds have dropped out of education for multiple reasons including cost of fees and lack of internet access.

A digital divide continues to exclude disadvantaged young people from accessing online learning.

In Ethiopia, less than 5% of students could access online learning during the national lockdown.

4. Alarmingly high levels of mental health issues, particularly in Peru and among young women

- In Peru, 40% of young people reported experiencing anxiety and 30% experienced symptoms of depression; compared to pre-pandemic average levels of depression of 18% for 18-27 year olds (2019 Demographic and Health Survey)

<table>
<thead>
<tr>
<th></th>
<th>Ethiopia</th>
<th>India</th>
<th>Peru</th>
<th>Vietnam</th>
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</thead>
<tbody>
<tr>
<td>Display symptoms of (at least)</td>
<td>17.87</td>
<td>11.06</td>
<td>40.86</td>
<td>9.32</td>
</tr>
<tr>
<td>mild anxiety</td>
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<tr>
<td>Display symptoms of (at least)</td>
<td>15.44</td>
<td>9.91</td>
<td>31.58</td>
<td>9.49</td>
</tr>
<tr>
<td>mild depression</td>
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</table>

- Young women reported significantly higher rates of anxiety and depression in Peru, India and Vietnam (no significant gender difference in Ethiopia)
Mental health is affected by COVID-19

- There is an association between adversity (economic and employment shocks) during the pandemic and rates of anxiety and depression.

![Rates of at least mild anxiety](chart)

Suffering from at least mild anxiety (%)

<table>
<thead>
<tr>
<th>Country</th>
<th>Reduced food consumption</th>
<th>Lost job during pandemic</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vietnam</td>
<td>10</td>
<td>5</td>
<td>30</td>
</tr>
<tr>
<td>India</td>
<td>15</td>
<td>8</td>
<td>25</td>
</tr>
<tr>
<td>Ethiopia</td>
<td>20</td>
<td>10</td>
<td>30</td>
</tr>
<tr>
<td>Peru</td>
<td>30</td>
<td>15</td>
<td>50</td>
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</tbody>
</table>

Source: Own depiction based Porter et al., 2021.

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Youth labour market transitions and resilience during Covid-19
Motivations and research questions

What we do investigate?
- We investigate the transition in and out of employment pre-pandemic and throughout the pandemic period.
- We investigate factors predicting young people’s ability (resilience) and inability (vulnerability) to cope with such a crisis.

Why is it important?
- The economic crisis has disproportionately hit young adults both in the education/training systems and in the labour market.
- Young people face short term effects but also long-term (permanent) scarring effects in their lifetime prospects.

How we do so?
- Assess the adjustment process of the youth labor market to Covid 19, emphasis on transitions.
- Data: individual-specific information throughout the respondent’s life and employment information collected pre-pandemic and throughout the pandemic period (in 3 LMICs who have a very different experience of the health, economic consequences of the pandemic and related restrictive measures).

Timeline of employment information available in YL COVID-19 Phone Survey

- **Wave 1**
  - Pre-COVID
  - Dec-Feb (PE, VN);
  - Jan-Feb (IN)

- **Wave 2**
  - Lockdown
  - Mar - June 2020 (PE, IN)
  - April 2020 (VN)

- **Wave 3**
  - (Aug-Oct, 2020; previous week)

- **Wave 4**
  - Employment between Call 2 and 3

- **Wave 5**
  - (Nov-Dec, 2020; previous week)

Analytical sample for the resilience analysis
- Sample restricted to those who reported “working” as the main activity pre-pandemic.
5. Lockdowns caused remarkably high job losses

- Job losses or suspension without pay were widespread - even in Vietnam, the least affected study country

- Remote working has been the exception, not the rule (between the lowest 1-2% in Ethiopia and the highest 15% in India)

- Employment reduced dramatically during the lockdown

- Post-lockdown employment bounced back, not at the pre-covid level yet

6. The youngest workers (employed pre-pandemic) are the ones struggling the most
7. Post-lockdown (temporary?) shift toward agriculture, self-employment and unpaid work

- Increasing numbers of young people working in agriculture (particularly young men, from rural and the poorest households)
- This may be driven by return to family farms to bring in more household income to meet urgent basic needs
- Marked shift towards self-employment (linked to the shift towards agriculture; hiding an increase in informality too?)
- Increase in unpaid work too
- Substantial decrease in earnings (form the main activity)
- Are those shifts temporary?

<table>
<thead>
<tr>
<th></th>
<th>Wave 1</th>
<th>Wave 3</th>
<th>Wave 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture</td>
<td>38.0**</td>
<td>46.8***</td>
<td>42.6**</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>7.18</td>
<td>5.65</td>
<td>6.58</td>
</tr>
<tr>
<td>Own-account workers</td>
<td>33.02</td>
<td>41.5***</td>
<td>37.6**</td>
</tr>
<tr>
<td>Unpaid</td>
<td>26.24</td>
<td>25.14***</td>
<td>26.81</td>
</tr>
<tr>
<td>Earnings (INR)</td>
<td>8047.35</td>
<td>2857.45***</td>
<td>8471.22</td>
</tr>
</tbody>
</table>

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</thead>
<tbody>
<tr>
<td>Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture</td>
<td>19.58</td>
<td>29.73***</td>
<td>24.68**</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>6.65</td>
<td>6.04</td>
<td>7.69</td>
</tr>
<tr>
<td>Own-account workers</td>
<td>13.25</td>
<td>18.48***</td>
<td>17.41***</td>
</tr>
<tr>
<td>Unpaid</td>
<td>14.11</td>
<td>23.38***</td>
<td>18.85**</td>
</tr>
<tr>
<td>Earnings (PEN)</td>
<td>945.84</td>
<td>600.22***</td>
<td>809.11***</td>
</tr>
</tbody>
</table>

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<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>Services</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Agriculture</td>
<td>16.86</td>
<td>16.71</td>
<td>15.70</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>24.30</td>
<td>25.49</td>
<td>27.33*</td>
</tr>
<tr>
<td>Own-account workers</td>
<td>20.71</td>
<td>22.87</td>
<td>20.29</td>
</tr>
<tr>
<td>Unpaid</td>
<td>7.16</td>
<td>7.00</td>
<td>6.54</td>
</tr>
<tr>
<td>Earnings (VND)</td>
<td>6131.11</td>
<td>5498.07***</td>
<td>5949.90</td>
</tr>
</tbody>
</table>
Resilience

- ILO definition referring to resilience as the capacity to “resist, absorb, accommodate, adapt to, transform and recover from the effects of a hazard in a timely and efficient manner” (ILO, 2017).

- Work resilience: the ability of an individual to either
  - maintain their employment status throughout the crisis
  - or to recover post-lockdown if they lose their job during the lockdown.

- Work and income resilience: if they managed to remain in the same pre-Covid activity, during lockdown and post-lockdown, or had a different activity since pre-Covid with greater or equal earnings by post-lockdown.

Analytical sample

- Sample restricted to those who reported “working” as the main activity pre-pandemic.

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Work resilience – binary definition (1)

<table>
<thead>
<tr>
<th>Wave 1</th>
<th>Wave 2</th>
<th>Wave 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-lockdown</td>
<td>Lockdown</td>
<td>Post-lockdown</td>
</tr>
</tbody>
</table>

i. those who were continuously employed throughout the three periods;
Work resilience – binary definition (2)

i. those who lost employment during the lockdown but recovered after lockdown;

Work resilience – binary definition (3)

i. those who lost employment during the lockdown and did not recover after lockdown;
Work resilience – binary definition (4)

Wave 1 Pre-lockdown | Wave 2 Lockdown | Wave 3 Post-lockdown
--- | --- | ---
Employed | | Employed
Not employed | Employed | Not employed

ii. those who resist the lockdown but lost their employment post-lockdown;

Work resilience – multinomial definition (1)

Wave 1 Pre-lockdown | Wave 2 Lockdown | Wave 3 Post-lockdown
--- | --- | ---
Employed | | Employed
Not employed | Not employed | Employed

i. those who were continuously employed throughout the three periods;
**Work resilience – multinomial definition (2)**

<table>
<thead>
<tr>
<th>Wave 1</th>
<th>Wave 2</th>
<th>Wave 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-lockdown</td>
<td>Lockdown</td>
<td>Post-lockdown</td>
</tr>
</tbody>
</table>

- Employed
- Not employed

---

ii. those who **lost employment** during the lockdown *but recovered* after lockdown;

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**Work resilience – multinomial definition (3)**

<table>
<thead>
<tr>
<th>Wave 1</th>
<th>Wave 2</th>
<th>Wave 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-lockdown</td>
<td>Lockdown</td>
<td>Post-lockdown</td>
</tr>
</tbody>
</table>

- Employed
- Not employed

---

ii. those who **lost employment** during the lockdown *and did not recover* after lockdown;

iii. those who **resist the lockdown** but lost their employment post-lockdown;
Work and income resilience – binary definition (1)

i. those who were continuously employed throughout the three periods and end up in a same activity or in a different activity with ≥ earnings

Work and income resilience – binary definition (2)

ii. those who lost employment during the lockdown but recovered after lockdown; and end up in a same activity or in a different activity with ≥ earnings
ii. those who lost employment during the lockdown and did not recover after lockdown;

iii. those who resist the lockdown but lost their employment post-lockdown;
ii. those who lost employment during the lockdown \textit{and did not recover} after lockdown;

iii. those who resist the lockdown but lost their employment post-lockdown;

iv. Those who were continuously working but in a different and less paid activity

v. those who lost employment during the lockdown \textit{and did recover} after lockdown but in a lower paid activity;
**Prevalence of resilient workers in the YL sample**

**Table. Percentage of work and work and income resilient, by country (YC+OC)**

<table>
<thead>
<tr>
<th></th>
<th>India</th>
<th>Peru</th>
<th>Vietnam</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Work resilient</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resilient</td>
<td>0.89</td>
<td>0.75</td>
<td>0.85</td>
</tr>
<tr>
<td>Not resilient</td>
<td>0.11</td>
<td>0.25</td>
<td>0.15</td>
</tr>
<tr>
<td><strong>Multinomial resilience</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Continuously working</td>
<td>0.60</td>
<td>0.39</td>
<td>0.52</td>
</tr>
<tr>
<td>Recovered from job loss</td>
<td>0.30</td>
<td>0.36</td>
<td>0.33</td>
</tr>
<tr>
<td>Lost job and did not recovered</td>
<td>0.11</td>
<td>0.25</td>
<td>0.15</td>
</tr>
<tr>
<td><strong>Work and income resilient</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resilient</td>
<td>0.58</td>
<td>0.52</td>
<td>0.75</td>
</tr>
<tr>
<td>Not resilient</td>
<td>0.42</td>
<td>0.48</td>
<td>0.25</td>
</tr>
<tr>
<td>N</td>
<td>742</td>
<td>593</td>
<td>1169</td>
</tr>
</tbody>
</table>

**Predictors of resilience**

- Demographic characteristics
- HH characteristics
- Work experience
- Pre-covid employment
- Education completed
- Skills

Round 1 Age 8
Round 2 Age 12
Round 3 Age 15
Round 4 Age 18
Round 5 Age 22
Phone survey Age 25
Empirical strategy

To estimate the predictor of post lockdown work (and income) resilience, we estimate the following model (1) for each country:

$$R_{ic} = \beta_1 X_i + \beta_2 HH_i + \beta_3 Skills_i + \beta_4 Edu_i + \beta_5 Work_i + \delta Clust_{i} + \epsilon_i$$

- Sex
- Ethnicity (mother’s native language is Spanish in Peru)
- Cognitive skills (math score, R5)
- Non-cognitive skills (self-efficacy, self-esteem, R5)
- Number of grades completed (call2)
- #Year of experience (pre-pandemic, R4, R5)
- (pre-pandemic) Econ sector
- Own-account workers/wage worker (pre-pandemic)
- Cluster fixed effect (call2)

Work resilience: who kept their jobs?

1. Female workers: **across all countries women less likely to be work resilient than men** (difference of 8 percentage points (pps) in IN and VN, 20 pps in PE)

2. Younger workers (18-19 yrs old) are **less resilient than 25-26 year old workers** (difference of 6 pps in VN and 15 pps in PE). Younger workers likely to have less work experience and may bear costs of the pandemic for longer

3. Self-employed: **pre-pandemic own-account workers more resilient than wage earners** (8 pps in IN and 18 pps in PE; no significant difference in VN)

4. Pre-pandemic economic sectors: across all countries, **young people working in those economic sectors that were severely impacted by the pandemic are less work resilient**, particularly in VN

5. Skills are **weakly related to work resilience**: cognitive skills only marginally associated with higher probability to be work resilient in IN and similarly for self-esteem in VN.
Who kept their job and income?

• Similar results as for work resilience: **female and young workers most affected**
  • Female workers less work and income resilient than male workers BUT this is only significant in PE (13 pps difference)
  • Younger workers (18-19 yrs old) less work and income resilient in VN (8 pps) and in PE (18 pps)

• Self-employed: **pre-pandemic own-account workers better able to maintain income** (beside their job) than wage earners in the 3 countries

• Pre-pandemic economic sectors: **young people working in those economic sectors that were severely impacted by the pandemic are less work and income resilient** in VN and PE, and the opposite in IN.

• Skills are weakly related to work and income resilience: only cognitive skills are marginally associated with higher work and income resilience in IN (no correlation with soft skills)

Who recovered employment and who kept their jobs throughout?

• **Female workers**: across all countries, women less likely to get back to work after losing their job during lockdown than men, particularly in PE and IN (in PE female workers 18% less likely to recover jobs than male counterparts)

• Younger workers less likely to recover jobs and less likely to be working continually through the pandemic than older workers

• **Pre-pandemic own-account workers and workers in rural areas** more likely to be working continuously than wage earners and those living in urban areas

• **Skills seems to play a stronger role** in helping workers to keep their job throughout the lockdown and post lockdown in PE (maths skills) and VN (maths and self-esteem skills)
Lockdown increased the gender gap in employment: women’s employment has been disproportionally affected.

Why were women most affected?

- “Women with Children Last? Unpacking the Post-lockdown Employment Recovery of Young Women in the Global South”, Scott, Freund, Favara, Porter, Sanchez (forthcoming): investigates two possible explanations:
  - **Women are more likely to be employed in contact-intensive sectors**, such as hospitality, severely affected by covid related restrictions - however, **we found no evidence** that this is one of the mechanism at play.
  - **Women tend to have greater responsibility for childcare and domestic work**, and that time dedicated to these activities has increased since the outbreak, in particular due to school closures - **we found this explains a substantive part of the gender gap in employment recovery post lockdown**.
## Policy considerations

- **Protecting quality jobs**: risk that informality and poorly paid jobs are leading the employment recovery. What is the right policy mix (e.g. job recovery schemes including skills development / active labour market policies for young workers)?

- **Protecting the most vulnerable**: ensure policies target and support most vulnerable segments of the labour force, particularly female and younger workers. When do we need specific youth interventions or will recovering LM in general improve their prospects? Do typical interventions such as first job, first business still matter?

- ** Longer term impacts**: What do we do with the (potential) long-term scars?

- **More evidence needed on how the labour demand** (together with the labour supply) **adjusts to shocks**

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## Young Lives-upcoming plans
Upcoming plans

On data collection
1. New face-to-face (F2F) round in 2023 (and 2025)
2. New horizons of data collection: subject to availability of funds in 2022 we have plans to:
   - Collect biomarkers for a subset of the YL children.
   - Initiate data collection for a new birth cohort (COVID-19 cohort study).

On research:
3. Expand the research agenda on youth employment (the role of foundational cognitive skills for employability)
4. New areas of research: food security, mental health, domestic violence

Further analysis on youth employment

- Investigate long(-ish)-term effects and (any) evidence of scarring (exploiting call 5 data)

- Subjective Treatment Effect: a new method to estimate the “true” impact of the pandemic in absence of a valid counterfactual.

- (More on the) Heterogeneous impacts of the pandemic:
  - identifying how the most vulnerable have responded to the pandemic
  - identifying how the nature of young people’s jobs have changed over the course of the pandemic

- Skills for employability and the role of foundational cognitive skills and competencies
Young Lives is a collaborative partnership between research institutes, universities and NGOs in the four study countries and the University of Oxford.

Young Lives at Work is funded by UK aid from the Foreign, Commonwealth and Development Office (FCDO).

We are hugely grateful to our collaborators, research teams, wider staff and funders.

Special thanks to the children and families who participate in Young Lives, without whom this study would not exist.
Key features
**SAMPLING DESIGN (1)**

Ethiopia

Four stages sampling process:
1. Regions (Amhara, Oromia, SNNPR, Tigray and Addis Ababa, accounting for 96% of national population)
2. Woredas (districts) (3-5 districts in each regions, 20 in total) with a balanced representation of poor and less poor hh, urban and rural)
3. Kebele (at least 1 for each woredas)
4. 100 young children (born in 2001-02) and 50 older children (born in 1994-5) were selected within those sites.

Criteria to select districts:
1. Districts with food deficit profile
2. Districts which capture diversity across regions and ethnicities in both urban and rural areas
3. Manageable costs in term of tracking for the future rounds

Comparing with DHS and WMS 2000:
- Poor hh are over-sampled, but YL covers the diversity of children in the country including up to 75% percentile of the Ethiopian population.

**SAMPLING DESIGN (2)**

India

Four stages sampling process:
1. Regions (Coastal Andhra, Rayalaseema, and Telangana
2. Districts
3. 20 sentinel sites (mandal)
4. 100 young children (born in 2001-02) and 50 older children (born in 1994-5) were randomly selected within those sites.

Criteria followed:
1. Uniform distribution across regions
2. One poor and one non-poor district in each region (based on economic, human development and infrastructure indicators)

Comparison to the DHS 1998/9:
- YLs hh seem to be slightly wealthier than the average household in Andhra Pradesh. Despite these biases YL sample covers the diversity of children in poor households in Andhra Pradesh
**SAMPLING DESIGN (3)**

**Peru**

**Sampling process:**
1. Sample frame at district level excluding the top 5% richest district based on poverty map 2001.
2. Districts divided in population groups ordered by poverty index and randomly selected to cover rural, urban, peri-urban coastal, mountain and amazon areas (random selection proportional to district population).
3. Within the selected districts a village was randomly chosen.
4. Within each village the street blocks were counted and randomly numbered to select the starting point.

**Comparison to the DHS 2000:**
YL cover the diversity of children and hh in Peru.

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**SAMPLING DESIGN (4)**

**Vietnam**

**Four stages sampling process:**
1. Regions (5/8 regions, North-East region, Red River Delta, City, South Central Coast, Mekong Delta).
2. Provinces (5 in total, 1 per region, Lao Cai, Hung Yen, Da Nang, Phu Yen, Ben Tre).
3. Sentinel sites (4 commune per province, 2 poor, 1 average and 1 above-average commune).
4. 100 young children (born in 2001-02) and 50 older children (born in 1994-5) were selected within those sites.

**Criteria followed (to rank communes):**
1. Development of infrastructure.
2. Percentage of poor households in the commune.

**Comparison to the DHS and VHLSS 2002:**
The urban sector is under-represented (in terms of population and the level of development). YL includes hh with an average less access to basic services and slightly poorer than the average in Vietnam. YL sample covers the diversity of children in the country.
Listening to YLAW: COVID-19 phone survey

**Call 1**
Getting-in-touch call (June/July 2020)
- Household Roster
- COVID-19 related knowledge
- Protective behaviors
- Impact on education
- Impact on health
- Impact on economic activities

**Call 2**
Main survey call (Aug/Oct 2020)
- COVID-19: Behaviors and risk perceptions
- Socio-economic status
- Economic shocks since the outbreak
- Food security
- Health
- Education
- Time use during the lockdown
- Employment and earnings (pre-outbreak, during lockdown and past 7 days)
- Subjective well-being and mental health
- Domestic violence (India and Peru only)

**Call 3**
Follow up call (Nov/Dec 2020)
- Education
- Food security
- Mental health
- Employment and earnings (since call 2, past 7 days)
- Trust, solidarity, collective action and cooperation
- Violence (India and Peru only)

**Call 4**
Getting-in-touch call (August 2021)
- Migration
- Marital status
- Roster and household characteristics
- Pregnancies
- COVID-19 infections
- COVID-19 vaccinations
- GPS online survey pilot

**Call 5**
Main survey call (Oct/Dec 2021)
- COVID-19: Infection and vaccinations
- Socio-economic status
- Economic changes
- Social programmes
- Food security
- Anthropometrics
- PERU-MRC module
- Education
- Employment and earnings
- Trust, attitudes, family planning
- Subjective wellbeing and mental health
- Data Matching Consent
- GPS online survey

**Total attrition rates**

<table>
<thead>
<tr>
<th></th>
<th>Call 1</th>
<th>Call 2</th>
<th>Call 3</th>
<th>Call 4</th>
<th>Call 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>% 2001 sample</td>
<td>% 2001 tracking sample</td>
<td>% 2001 sample</td>
<td>% 2001 tracking sample</td>
<td>% 2001 sample</td>
<td>% 2001 tracking sample</td>
</tr>
<tr>
<td>ETHIOPIA</td>
<td>12.4%</td>
<td>17.7%</td>
<td>8.5%</td>
<td>18.7%</td>
<td>9.6%</td>
</tr>
<tr>
<td>INDIA</td>
<td>6.5%</td>
<td>8.9%</td>
<td>2.3%</td>
<td>8.8%</td>
<td>2.2%</td>
</tr>
<tr>
<td>PERU</td>
<td>10.8%</td>
<td>24.0%</td>
<td>5.1%</td>
<td>25.1%</td>
<td>6.4%</td>
</tr>
<tr>
<td>VIETNAM</td>
<td>5.1%</td>
<td>14.7%</td>
<td>9.6%</td>
<td>16.0%</td>
<td>11.1%</td>
</tr>
<tr>
<td>TOTAL</td>
<td>8.7%</td>
<td>16.2%</td>
<td>6.4%</td>
<td>17.0%</td>
<td>7.3%</td>
</tr>
<tr>
<td></td>
<td>10,764</td>
<td>9,880</td>
<td>9,785</td>
<td>9,384</td>
<td>9,067</td>
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</table>
### Employment information available in YL Round 5 & Phone Survey

<table>
<thead>
<tr>
<th>Round 5</th>
<th>Call 1</th>
<th>Call 2</th>
<th>Call 3</th>
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<tbody>
<tr>
<td>Employment status in the last year</td>
<td>Employment status in the last year</td>
<td>Employment status in the last week</td>
<td>Employment status since Call 2</td>
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<tr>
<td>Employment status in the last week</td>
<td>Employment status before the pandemic</td>
<td>Employment status in the last week</td>
<td>Work modality since Call 2</td>
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<tr>
<td>Whether seeking work</td>
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<td>Whether seeking work</td>
<td>Employment modality in the last week</td>
</tr>
<tr>
<td>Reasons for inactivity</td>
<td>Employment status in the last week</td>
<td>Reasons for inactivity</td>
<td>Type of sector and activity</td>
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<tr>
<td>Job satisfaction</td>
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<td>Type of sector and activity</td>
<td>Employer</td>
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<td>Reservation wage</td>
<td>Employment status in the last week</td>
<td>Employer</td>
<td>Details of payment</td>
</tr>
<tr>
<td>Type of sector and activity</td>
<td>Employment status in the last week</td>
<td>Details of payment</td>
<td>Length of employment (in last year)</td>
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<td>Employer</td>
<td>Employment status in the last week</td>
<td>Length of employment (in last year)</td>
<td>Contract and insurance status</td>
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<td>Details of payment</td>
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<td>Contract and insurance status</td>
<td>Migration for work</td>
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<td>Task content</td>
<td>Employment status in the last week</td>
<td>Migration for work</td>
<td>Work during lockdown</td>
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<tr>
<td>Firm size</td>
<td>Employment status in the last week</td>
<td>Work during lockdown</td>
<td>Reasons for not working during lockdown</td>
</tr>
<tr>
<td>Non-wage benefits (including contract and insurance)</td>
<td>Employment status in the last week</td>
<td>Work during lockdown</td>
<td>Work modality during lockdown</td>
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<tr>
<td>Length of employment</td>
<td>Employment status in the last week</td>
<td>Work during lockdown</td>
<td>Details of payment</td>
</tr>
<tr>
<td>Work-related training</td>
<td>Employment status in the last week</td>
<td>Work-related training</td>
<td></td>
</tr>
</tbody>
</table>

### Households tend to resort to more traditional gender roles at times of stress

During lockdown, young women took on more household and caring responsibilities; young men left education to support hard-pressed households.

*In India, 67% of young women undertook both increased childcare and household duties during lockdown compared to only 37% of young men.*
A graphical illustration of in-out of employment transition over periods

Figure Sequential plots of employment status over periods

India

Vietnam

Peru

Figure Sequential plots of employment status over periods

India

Vietnam

Peru

Legend:
- Not employed
- Employed
- Gain earnings
- Loss earnings
- Same earnings
- Same work/activity
School closures during 2020

- **In Peru**, lockdown restrictions were relaxed between July-September. Although there were no official lockdowns for the remainder of 2020, a number of restrictions remained in place from October, including, crucially, the physical closure of educational institutions at all levels (with the exception of some rural schools) and childcare services.

- **In India**, relaxation of restrictions took place through a number of phases. The government permitted schools to reopen from the 15th October 2020.
  - In Telangana, educational institutions remained closed throughout all of 2020.
  - In Andhra Pradesh, educational institutions reopened in a phased manner, with classes 9-12 returning on 2nd November, class 8 returning on 23rd November and classes 6-7 returning on December 14th. Classes 1-5 only reopened in the beginning of February 2021.
  - Throughout the gradual opening, attending physical classes was staggered and schools were only open for half-days.

- **In Vietnam**, lower and higher secondary schools reopened on May 4 and primary schools reopened on May 11.
  - Schools then closed for the end of the academic year and reopened in early September as usual.