

**Life on the Margins: Measuring Disability in Disadvantaged Communities of Mumbai**

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# **Introduction**

Apnalaya is a non-profit organisation working towards the development of marginalised communities in Mumbai for the last 46 years. We seek to enable people and communities that work towards strengthening sustainable community development processes.

It has been more than a decade since Apnalaya launched its Disability program in informal settlements in Shivaji Nagar. Shivaji Nagar is a part of M East Ward, which is one of the poorest and most underserved areas in Mumbai. In 2017, in the response to an RTI application to learn about the number of People with Disabilities (PWD) living in M East Ward, the government returned a rather disturbingly low number. According to the government data, there are just about 1500 PWD in M East Ward. Apnalaya, on the other hand, has engaged with more than 1000 cases in Shivaji Nagar alone.

In order to tackle the confusion, Apnalaya undertook a pilot study in three slum clusters of Shivaji Nagar in 2018, which further confirmed its fear of massive undercounting of PWD.

As a consequence of undercounting, Disability receives far less attention and resources.

Given this context, we plan to undertake a full-fledged survey to arrive at a reliable number of PWD among the slum communities of Mumbai. The final report will provide a foundation for advocacy to facilitate basic services to PWD. The results from this effort may also inform the way the Census in general and that of PWD is conducted in India.

# **Objectives**

The study will aim to meet the following objectives in selected slum clusters of Mumbai:

1. To identify persons with observable disability based on the identification criteria of the government
2. To determine how many of these persons are officially registered as persons with disability
3. To identify the number of children who demonstrate development milestone based on disability risk factors
4. To identify existing availability of and access to service for persons with disability

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# **Indicative sample**

Here we present an indicative sample that we have calculated. The goal is to provide an example of the process that we would follow when deriving the final sample. We have calculated a sample for the overall M East Ward as well as only the slum population of M East Ward.

Additionally, we have assumed the importance of reporting along specific indicators, which significantly impacts the sample size (religion, age and gender). These could be changed or additional benchmarks added as well.

Finally, we have used individual persons as the unit of our sample, where is in the final study we could opt to use the household instead.

Please note that we will require more inputs and secondary research to arrive at a final sampling.

**Indicative sample for M East Ward- slum population**

For M East Ward – Slum Area, we have used 2011 Census data along with other research indicating that 77.5% of the Ward lives in slums. Religious Data was approximated using the following: Muslim: 80%; Hindu: 18%; Other: 2%. Data on “SC/ST” population available from Census.

At the time of actual sampling a more accurate demographic profile will have to be compiled.

*These samples are for 95% Confidence Level with a +/- 3 margin/error*

**Indicative sample for M East Ward - overall population**

For M East Ward, we have used 2011 Census data along with other research to calculate the overall population. Religious Data was approximated using the following: Muslim: 51%; Hindu: 47%; Other: 2%. Data on “SC/ST” population available from Census. Age groups were taken from Apnalaya data.

At the time of actual sampling, a more accurate demographic profile will have to be compiled.

Here we will have two primary cuts in the sample – socio-religious groups and age groups. Both groups will lead to a total sample of 10,293 responses.

*These samples are for 95% Confidence Level with a +/- 3 margin/error*

# **Scope of study**

Desk Research: Secondary research will be conducted on the following elements to guide the study:

* Population composition and demographic makeup of selected communities
* Socio-cultural considerations of target community
* International best practices to measure disability
* Efforts to map disability and disability service provision in India
* Service provision for persons with disabilities
* Measurement and service provision best practices from around the globe, particularly relevant and comparable communities

The findings from desk research will be used to shape and develop the study design, research tools and capacity building.

# **Study design**

* Framework Development: Outlining a framework to generate a conceptual structure of the study
* Sample Designing: Based on inputs derived from desk research and primary research (if required), map the populations of the selected localities
* Determining a representative sample that will allow the data to be reliably analysed based on selected indicators such as religion, sex, social group, location etc.
* Development of tools: Curate tools with the help of consultations with disability experts to revise the existing tools or create new tools wherever required

# **Data collection and collation**

* Data Collection Training: Provide training to data collection teams to make sure they align with the study objectives, observes ethics, improve understanding of collective, understanding and collating the data.
* Carry out observations during data collection in the pilot phase

# **Data review**

* Conducting spot checks and provide feedback to ensure accuracy and alignment with study objectives
* Cleaning and organising final data sets and following up with data collection teams for any missing data

# **Analysis and reporting**

* Analysing data using statistical measures as discussed during the study design
* Identifying the major findings and trends from the data analysis process
* Use primary and secondary data to create an elaborate report with will present the findings of the study in a consolidated format
* Create a presentation to showcase the high level study findings for easier consumption
* Provide policy briefs to guide advocacy and decision making on different areas

# **Timeline**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | | 2019 | | | |  |
|  | | June | July | Aug | Sep | Oct |
| Desk Research | |  |  |  |  |  |
| Study Design | Framework Development |  |  |  |  |  |
| Sample Designing |  |  |  |  |  |
| Tool Development |  |  |  |  |  |
| Data Collection | Data Collection Training |  |  |  |  |  |
| Data Collection |  |  |  |  |  |
| Data Review |  |  |  |  |  |
| Analysis and Reporting | Data Analysis |  |  |  |  |  |
| Reporting |  |  |  |  |  |

# **Budget**

|  |  |  |
| --- | --- | --- |
| PHASE | NO. OF WORKING DAYS | AMOUNT (IN INR) |
| Desk Research | 10 | 65,000 |
| Study Design | 15 | 97,500 |
| Data Collation | 20 | 1,30,000 |
| Analysis & Reporting | 45 | 2,92,500 |
| Sub Total I | 90 | 5,85,000 |

**Budget for Data Collection Agency**

|  |  |  |  |
| --- | --- | --- | --- |
| PHASE | UNIT COST | UNITS | AMOUNT |
| Data collection | 75 | 10,293 | 7,71,975 |
| Supervision fee | 25% of data collection | | 1,92,994 |
| Sub Total II | | | 9,64,969 |
| Total (sub total I+II) | | | 15,49,969 |
| Grand Total (with 18% GST) | | | 18,28,963 |

**The Launch Event:**

Apnalaya has been working on disability (one of its many health initiatives) for almost a decade, with a service based initiative. However, some of the most impactful success stories in the past years has strengthened our hopes and motivated us to expand it further.

*Life on the Margins: Measuring Disability in Disadvantaged Communities of Mumbai* will be launched on 3rd December, 2019- International Day of Persons with Disabilities. It is a distinctive study outlining the disquieting issue of undercounting of Persons with Disabilities in India. Such an issue of undercounting further confirms societal and governmental reservations against PWD i.e. to exclude them from “mainstream” population and deny their visibility. With the release of this issue, we hope for a positive shift in advocacy and policy making on PWD.

We recognise the importance of a successful launch event; especially of a crucial study like this. The event will be attended by disability experts, NGOs working in the space of disability, policy makers and people from concerned ministries from all over the country to further discuss issues concerning disability in India. Reputed media personnel will be invited to cover the event and sufficiently promote the event to increase awareness around the topic of undercounting PWD in India.

This launch will mark another opportune moment towards the creation of an inclusive and egalitarian society. We are confident that this study will support the introduction of some foundational modifications at the programmatic and advocacy level to generate required services for PWDs in the spheres of education, health, accessibility and human rights in general. The study will aim to positively alter how disability is defined, how many categories of disability types are covered in government data collection, and how development milestones are determined in census collection among others.

We have known CalvinKare for their quality work and contribution towards the community. The CSR activities of CalvinKare are widely applauded in the development sector. Given your experience in social issues in India, we believe that your presence at the launch event will further enrich the discussion on the topic.

We are enclosing a budget on the launch event. We will be endlessly grateful if you agree to support us on this imperative cause.

Please find the budget in the following page.

**Budget for the Launch Event**:

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **CBM - Disability** |  | **Budget - 3rd December 2019** | | | | | **Remarks** |
| **Sr No** | **Particulars** | **Unit** | **Rate** | **Need** | | **Frequency** | **Total Cost** |  |
| **Section A) Launch** | | |  | | | | |  |
|  | **Event Launch** |  |  |  | |  | **Rs. 495,000** |  |
| 1 | Launch Venue | Venue | Rs. 100,000 | 1 | | 1 | Rs. 100,000 |  |
| 2 | Food and Beverages | Refreshment | Rs. 1,500 | 150 | | 1 | Rs. 225,000 |  |
| 3 | Backdrop | IEC | Rs. 20,000 | 1 | | 1 | Rs. 20,000 |  |
| 4 | Branding through menus, badges, signage and through digital media (Designing) | IEC | Rs. 100,000 | 1 | | 1 | Rs. 100,000 |  |
| 5 | Sound systems and staging for Launch | AV | Rs. 50,000 | 1 | | 1 | Rs. 50,000 |  |
| 6 | Air Fares for Delegates coming from different parts of the country | Air travel | Rs. 8,000 | 10 | | 1 | Rs. 80,000 |  |
| 7 | One Night Stay for Delegates coming from different parts of the country | Stay | Rs. 10,000 | 10 | | 1 | Rs. 100,000 |  |
| 8 | External Vendor for Emceeing the event | Vendor | Rs. 100,000 | 1 | | 1 | Rs. 100,000 |  |
| 9 | Photography and Video | Vendor | Rs. 20,000 | 1 | | 1 | Rs. 20,000 |  |
| 10 | Insurance for the event | Insurance | Rs. 10,000 | 1 | | 1 | Rs. 10,000 |  |
| 11 | Design of Report | Design | Rs. 50,000 | 1 | | 1 | Rs. 50,000 |  |
| 12 | Printing of Reports | Printing | Rs. - | 150 | | 1 | Rs. - | It should be covered through Vyasa Arts |
| 13 | Travel for Delegates (Local) | Travel | Rs. 1,000 | 10 | | 1 | Rs. 10,000 |  |
|  | **Sub Total (Part I)** | |  | | | | **Rs. 495,000** |  |
|  |  | **A) Subtotal** |  |  | |  | **Rs. 495,000** |  |
|  | **Section B) Overall supervision** |  |  |  | |  | Rs. - |  |
| 1 | Overall Launch Management | Person | Rs. 3,500 | 1 | | 1 | Rs. 3,500 |  |
| 2 | Coordination and communicating with delegates and other stakeholders | Person | Rs. 5,000 | 1 | | 1 | Rs. 5,000 |  |
|  |  | **B) Subtotal** |  |  | |  | **Rs. 8,500** |  |
|  | **C) Admin Cost (10% on Section A and B)** |  |  |  | |  | Rs. - |  |
| 1 | Admin and Accounts Cost | |  |  |  | | Rs. 50,350 |  |
|  | **Grand Total** |  |  |  | |  | **Rs. 553,850** |  |
|  |  |  |  |  | |  |  |  |