How to use CPDX

Harnessing Consumer Pyramids Household Survey dx

Consumer Pyramids Household Survey

&

Consumer Pyramids$_{dx}$

CMIE

Consumer Pyramids Household Survey (CPHS) **is**

– a pan-India household survey

– of a panel of sample households
– to capture fast-frequency measures of household well being
– CPHS is conducted over 3 Waves a year; continuously since 2014
– CPHS never stops. Households are surveyed everyday.

Record-level data from the survey is made available through a subscription of CPdx (Consumer Pyramids data extraction service).

Step 1: Visit consumerpyramidsdx.cmie.com **Step 2: Login**

CMIE Consumer Pyramids$_{dx}$

How We Do It Papers Partnerships Webinars   Request for Subscription Login

Surveyed over

240,000

households

Consumer Pyramids Household Survey
A continuous survey to measure household well-being in India

A longitudinal survey
large panel of sample households surveyed repeatedly over time

A fast-frequency survey
survey conducted comprehensively thrice every year

Wave in progress

31st   Jan-Apr
                2024

Response rate (%)

47.98   3-wave avg.
                65.22

Updated on: Feb 8 2024 6:00AM

A fast-frequency portrayal of living standards of Indian households

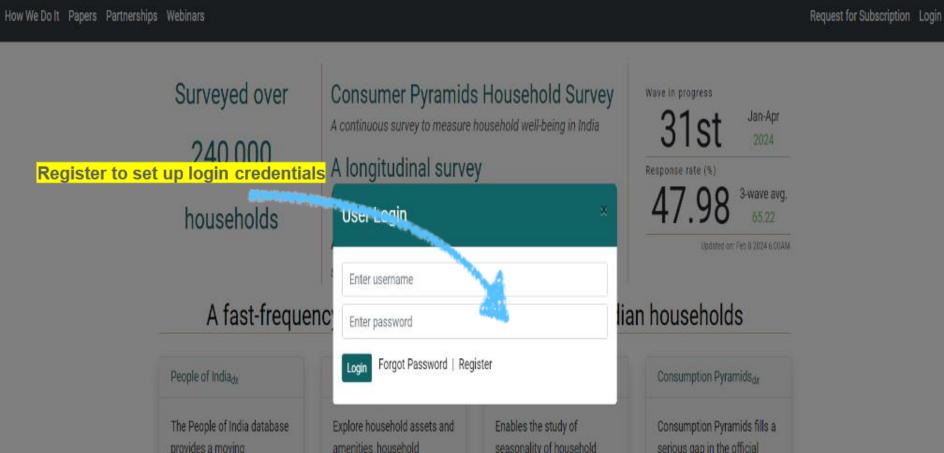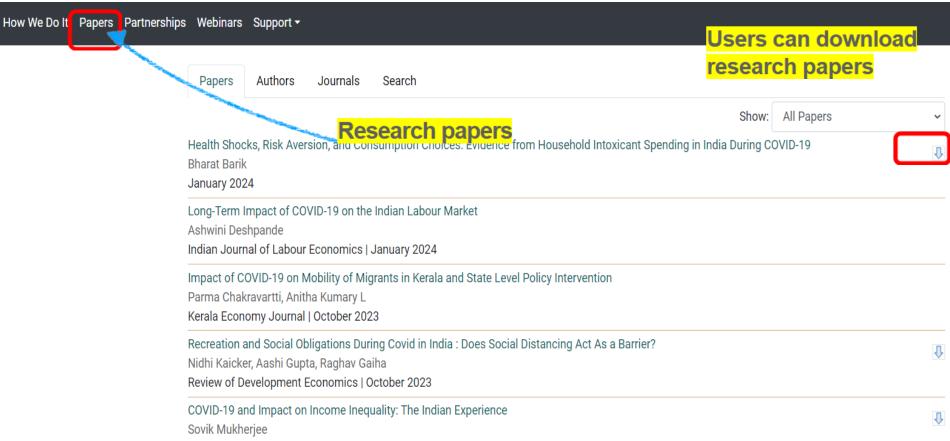| People of India$_{dx}$	Aspirational India$_{dx}$	Income Pyramids$_{dx}$	Consumption Pyramids$_{dx}$
The People of India database provides a moving kaleidoscope of the attributes and peculiarities of the Indian people.	Explore household assets and amenities, household sentiments, their perceptions and decisions regarding purchase of assets or to make investments.	Enables the study of seasonality of household incomes, volatility of incomes, growth in incomes, changing composition of household incomes and a lot more.	Consumption Pyramids fills a serious gap in the official Indian statistical system. It delivers fast-frequency data on consumption expenditure of households.

Step 2: Type in your Login credentials

Consumer Pyramids_{dx}

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Register to set up login credentials

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User Login   ✕

Enter username

Enter password

Login   Forgot Password | Register

lian households

People of India_{dx}

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seasonality of household

Consumption Pyramids_{dx}

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Step 3: How we do it: Provides documentations pertaining to the survey

How We Do It   Papers   Partnerships   Webinars   Support ▾

All documentations

Sr. No.	Title	Date	Section	
1	Survey Design and Sample	17 Nov 2020	Survey Design	📄
2	Sample Survival & Response Rate	12 Mar 2020	Survey Design	📄
3	Weights	11 Nov 2020	Survey Design	📄
4	Revised Weights	04 Sep 2023	Survey Design	📄
5	Member Roster	14 Feb 2021	Survey Design	📄
6	Survey Execution	17 Mar 2020	Survey Execution	📄
7	CPHS execution during the lockdown of 2020	19 Aug 2020	Survey Execution	📄
8	The Questionnaire	31 Mar 2020	Questions & Indicators	📄
9	Data-capture Screens	17 Mar 2020	Questions & Indicators	List
10	Description of indicators	12 Mar 2020	Questions & Indicators	List
11	Gender & Age	18 Sep 2021	Questions and Indicators	📄

Step 4- Papers: Provides access to research papers written using CPdx

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Users can download research papers

| Papers | Authors | Journals | Search |

Show: [All Papers ▾]

Research papers

Health Shocks, Risk Aversion, and Consumption Choices: Evidence from Household Intoxicant Spending in India During COVID-19
Bharat Barik
January 2024

⇩

Long-Term Impact of COVID-19 on the Indian Labour Market
Ashwini Deshpande
Indian Journal of Labour Economics | January 2024

Impact of COVID-19 on Mobility of Migrants in Kerala and State Level Policy Intervention
Parma Chakravartti, Anitha Kumary L
Kerala Economy Journal | October 2023

Recreation and Social Obligations During Covid in India : Does Social Distancing Act As a Barrier?
Nidhi Kaicker, Aashi Gupta, Raghav Gaiha
Review of Development Economics | October 2023

⇩

COVID-19 and Impact on Income Inequality: The Indian Experience
Sovik Mukherjee

⇩

Step 5- Webinars: Research Webinar on CPdx

How We Do It   Papers   Partnerships   Webinars   Support ▾

Date	Title	Series
13 Apr 2023	Sweet Cash: Is Healthcare a No... ...men in Developing Countries? Shubhangi Agarwal, Somdeep Chatterjee, Chirantan Chatterjee	Research Seminar
19 Jan 2023	Land-Holding Inequality and Responses to Government Interventions Anindya S. Chakrabarti, Abhishek Shaw, Sawan Rathi	Research Seminar
15 Dec 2022	Covid-19 Pandemic and Food Security in India Nidhi Kaicker, Aashi Gupta, Raghav Gaiha	Research Seminar
03 Nov 2022	Does co-residence with parents-in-law reduce women's employment in India? Rajshri Jayaraman, Bisma Khan	Research Seminar
27 Oct 2022	Financial Inclusion and Household Welfare: An Entropy-Based Consumption Diversification Approach Manisha Chakrabarty, Subhankar Mukherjee	Research Seminar

Click ion the topic to view details on the webinar

CMIE provides platform for researchers to present their papers to research community

<mark>Step 6-</mark> Webinars: Research Webinar on CPdx

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- ✦ **Introduction**
- ✦ Paper
- ✦ Discussant Slides
- ✦ YouTube Link
- ✦ Q&A

Participants

48

Title: Sweet Cash: Is Healthcare a Normal Good for Women in Developing Countries?

Authors: Shubhangi Agarwal, Somdeep Chatterjee, Chirantan Chatterjee

Discussant: Aparajita Dasgupta

We conducted the 27th Consumer Pyramids Research Seminar on **April 13 2023** at 7 PM IST

Event Summary:

Somdeep Chatterjee (IIM Calcutta) presented his paper on income elasticity of women's healthcare demand in developing countries. The paper is co-authored by (University of Essex).

<mark>Paper, Author slides, Discussant slides, Youtube link etc can be downloaded</mark>

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Wave in progress

32nd   May-Aug
2024

Response rate (%)

64.62   3-wave avg.
55.05

Updated on: Aug 1 2024 6:00AM

A fast-frequency portrayal of living standards of Indian households

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Data on

1.30 mln

people

since 2014

People of India$_{dx}$
Delivers record-level data on over a million people

Fast-frequency longitudinal survey
Three comprehensive surveys of same sample every year

Tracks attributes over time
Every person in database uniquely identified across surveys

Unemployment rate (%)

7.9

Labour participation rate (%)

41.3

30-day moving average as of 04 Aug 2024

A moving kaleidoscope of the attributes of Indian people

Identity	Employment	Time-use	Health and finance
The People of India database provides information on individual members of the sample households. It includes for each member, identity information such as gender, age, marital status, relation with household head, education, state-of-origin, religion and caste. It also includes status on and	The database provides detailed data on occupation, nature of occupation and industry of operation. It provides data on employment / unemployment status, duration of employment / unemployment status, type of employment in terms of being full-time or part-time, employment arrangement in	People of India offers a fairly detailed view of the way Indians spend their time in terms of work and leisure. Time spent on work is distinguished between work for family and work for employer, as an unpaid trainee or as a volunteer. Time on leisure is captured in terms of outdoor sports,	This database captures self-declared health status, medication and hospitalisation of individual members of the sample households. It provides information on whether members of the households have access to bank accounts, demat accounts, credit cards, life insurance

Consumer Pyramids$_{dx}$ People of India$_{dx}$

We Do It   Papers   Webinars   Data Download   Support ▾

Wave	Click on desired Wave and Format to Download	Sample	Responses
Jan-Apr 2024	CSV | TXT	926,109	450,147
Sep-Dec 2023	CSV | TXT	866,474	494,264
May-Aug 2023	CSV | TXT	887,604	549,336
Jan-Apr 2023	CSV | TXT	881,795	699,932
Sep-Dec 2022	CSV | TXT	876,694	631,771
May-Aug 2022	CSV | TXT	875,372	614,437
Jan-Apr 2022	CSV | TXT	875,026	662,310
Sep-Dec 2021	CSV | TXT	877,049	669,103
May-Aug 2021	CSV | TXT	876,006	584,287
Jan-Apr 2021	CSV | TXT	867,822	645,938
Sep-Dec 2020	CSV | TXT	859,608	616,485
May-Aug 2020	CSV | TXT	855,808	383,592
Jan-Apr 2020	CSV | TXT	854,355	557,729
Sep-Dec 2019	CSV | TXT	851,786	724,904

CPdx crash course

Accepted data

1. RESPONSE_STATUS == "Accepted"
    Select households for whom there is valid data

2. MEMBER_STATUS == "Member of the household" OR "Immigrated"
    If using member-level data, select members within households for whom there is
    valid data

CPdx crash course

Missing data

1. "Data Not Available" or -99
   Recorded where the indicator is applicable for a given person but the data is not available due to household or member non-response.

2. "Not Applicable" or -100
   Recorded where the question is not applicable to the household or member.

CPdx crash course

Identifiers

1. `HH_ID`
   Unique household ID, consistent across time and files

2. `MEM_ID`
   Unique member ID, consistent across time and files

3. `HH_ID & MEM_ID`
   Unique person ID

CPdx crash course

Weights

CPdx has *many different* weights:

They exist to let you choose the group over which you wish to compute a population estimate. This can depend on

❑ Region
❑ Time-period
❑ Unit
❑ Read our documentation on Weights for more

CPdx crash course-Weights and Reised Weights

- First Weights were developed in 2013 based on 2011 census.

- CPdx weights were increasingly getting inflated over time since these grow in geometrical progression.

- It is assumed that the rate of growth of the population is slowing down compared to past growth rates. To arrest this progressively increasing inflation in the weights, new weights were released.

- As per the earlier population projections made by CMIE, India's population was estimated to have grown at 1.64 per cent per annum during 2011-2021. Now, according to the new projections made by CMIE, India's population is estimated to have grown at 1.33 per cent per annum during 2011-2021.

CPdx crash course- Reised Weights

- The new projections made by CMIE using its old projections and the new adjustment factor implies that India's total population as of 1st March 2023 was 1,382 million. This is close to the 1,363 million estimate as per the projections by the Technical Group of the Registrar of Census for the same day.

- CMIE released Revised Weights from Wave 29 and these are represented as R_ in CPdx data files.

- CMIE has re-upload all the past CPdx datasets with the additional R_ indicators inserted in them.

- Read our documentation on Weights for more details.

Thank you