



INDIA HUMAN DEVELOPMENT SURVEY

July 2019

Welcome to the India Human Development Survey Forum

A monthly update of socio-economic developments in India by the
IHDS research community

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Research Findings Based on IHDS Data

The newly elected Indian Government has set an ambitious goal for itself: to provide clean piped drinking water to every household by 2024! As a first step, the Ministries of Drinking Water and Sanitation, and of Water Resources and Ganga Rejuvenation, have been merged into the Jal Shakti Ministry. In this newsletter, we offer data from IHDS 2004-05 and 2011-12 to delineate the contours of the problem of water scarcity in the country as the Jal Shakti Ministry prepares to face this challenge. The IHDS data point to a substantial decline in the number of hours of water availability for households with piped water in metro cities and also show that households without indoor water sources spend substantial time collecting water. Undoubtedly, access to water is likely to emerge as the greatest challenge for India in the next decade. The time to act on it is now!

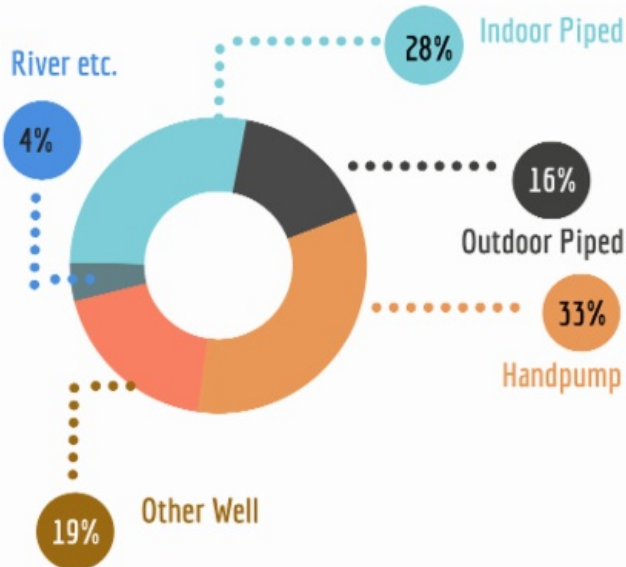
Drinking Water for a Thirsty Nation

IHDS Outlines the Challenges

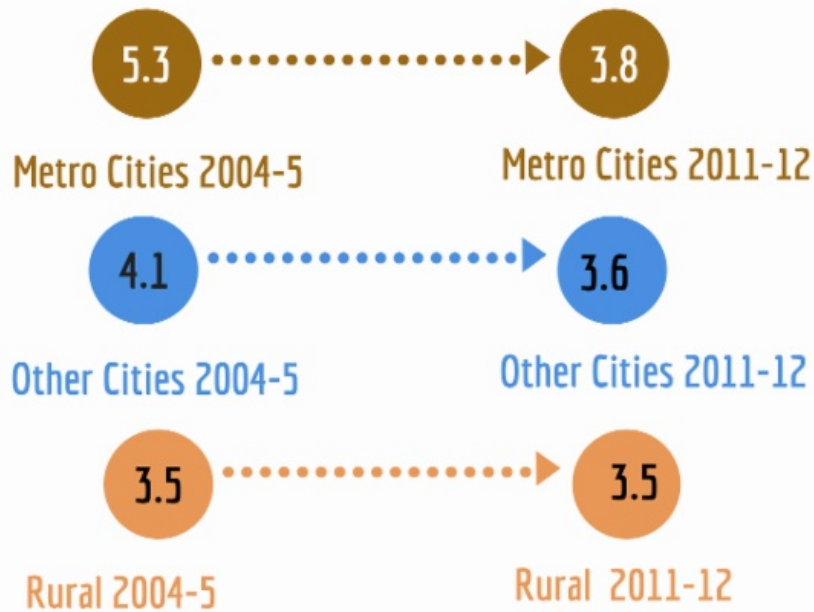
44%
households
have access
to piped
water

Piped water
access increased
barely 4%
between 2004-5
& 2011-12
Mostly in villages

Usual Source of Drinking Water 2011-12



Hours of Water Supply Declined (hours/day for those with piped water)



Average time spent by households 80 minutes per day
But 10% of households without indoor water source
spend as much as 3 hours per day

Men and Boys

Spend about 28 minutes
per day collecting water



Women and Girls

Spend about 52 minutes
per day collecting water



**What is the opportunity cost
of their time?**

Water Collection Imposes Enormous Time Burden

Households without
indoor piped water or
water well in their
homestead spend a lot
of time collecting
water and standing the
line

Jal Shakti Abhiyan Time to Focus on Water is Now

IHDS in the News

Ameen, Furquan. "Maratha Quota: What You Need to Know", *The Telegraph*, 7 July 2019. [Link](#).

Saikia, Nandita. "We Need to Change the Mindset that Women's Health Is Not Important." *The Telegraph*, 7 July 2019. [Link](#).

Haque, T. and D. Narasimha Reddy. "The many hues of inequality in India", *The Hindu BusinessLine*, 7 July 2019. [Link](#).

Recent Publications Using IHDS

Chiplunkar, Gaurav and Jeffrey Weaver. "Prevalence and Evolution of Dowry in India". Accessed on July 08, 2019. [Link](#).

Zeeshana, Geetilaxmi Mohapatrab and Arun Kumar Giric. "The Effects of Non-farm Enterprises on Farm Households' Income and Consumption Expenditure in Rural India". Accessed on July 08, 2019. [Link](#).

Deshpande, Ashwini and Apoorva Gupta. "Nakusha? Son Preference, 'Unwanted' Girls and Gender Gaps

in Education”. Accessed on June 27, 2019. [Link](#).

Azam, Mehtabul “Accounting for Growing Urban–Rural Welfare Gaps in India”. Accessed on June 27, 2019. [Link](#).

Li, Haibin and Wei-Jun Jean Yeung. “Educational Resilience among Asian Children in a Challenging Family Environment”. Accessed on June 27, 2019. [Link](#).

Naveen, Sundar. “Essay on K-12 Education in Developing Countries—Causes, Consequences and Impediments”. Accessed on June 27, 2019. [Link](#).

Cerina, Roberto and Raymond Duch. “Forecasting the Lok Sabha: Can Non-Representative Surveys Add Value?” *Working Paper*, Accessed on June 24, 2019. [Link](#).

About IHDS

The India Human Development Survey (IHDS) is a nationally representative, multi-topic survey of 41,554 households in 1503 villages and 971 urban neighbourhoods across India. The first round of interviews was completed in 2004-05; data are publicly available through ICPSR. A second round of IHDS re-interviewed most of these households in 2011-12 (N=42,152) and data for the same can be found here.

IHDS has been jointly organised by researchers from the University of Maryland and the National Council of Applied Economic Research (NCAER), New Delhi. Funding for the second round of this survey is provided by the National Institutes of Health, grants R01HD041455 and R01HD061048. Additional funding is provided by The Ford Foundation, IDRC and DFID.



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