

# DECCMA 5th Consortium Workshop at Kolkata, 30<sup>th</sup> August -2<sup>nd</sup> September 2016

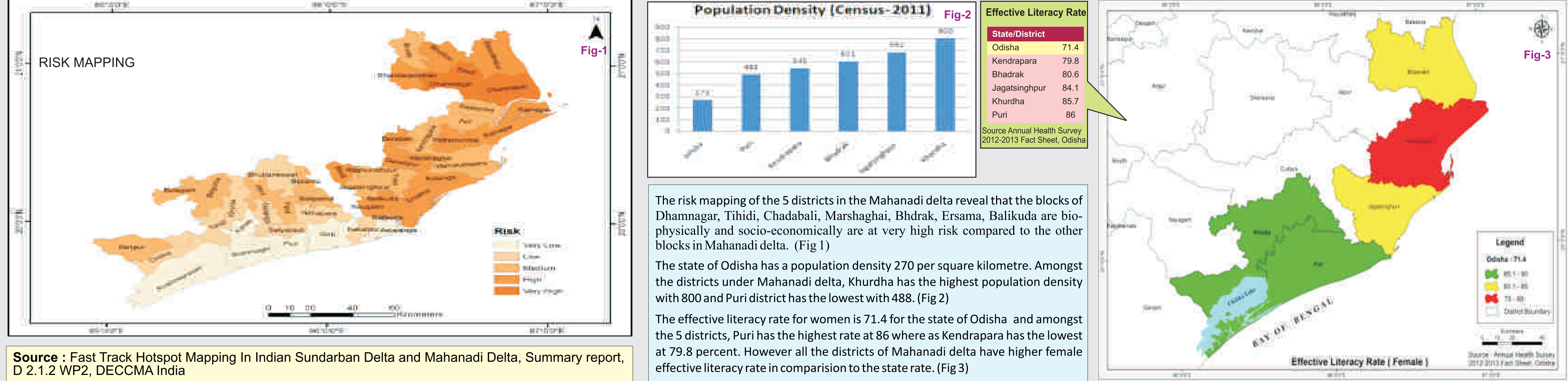
## Women in the Mahanadi Delta- Indicators of five districts.

Name & Institute: Jasmine Giri, Sansristi, Bhubaneswar, Odisha

### ABSTRACT

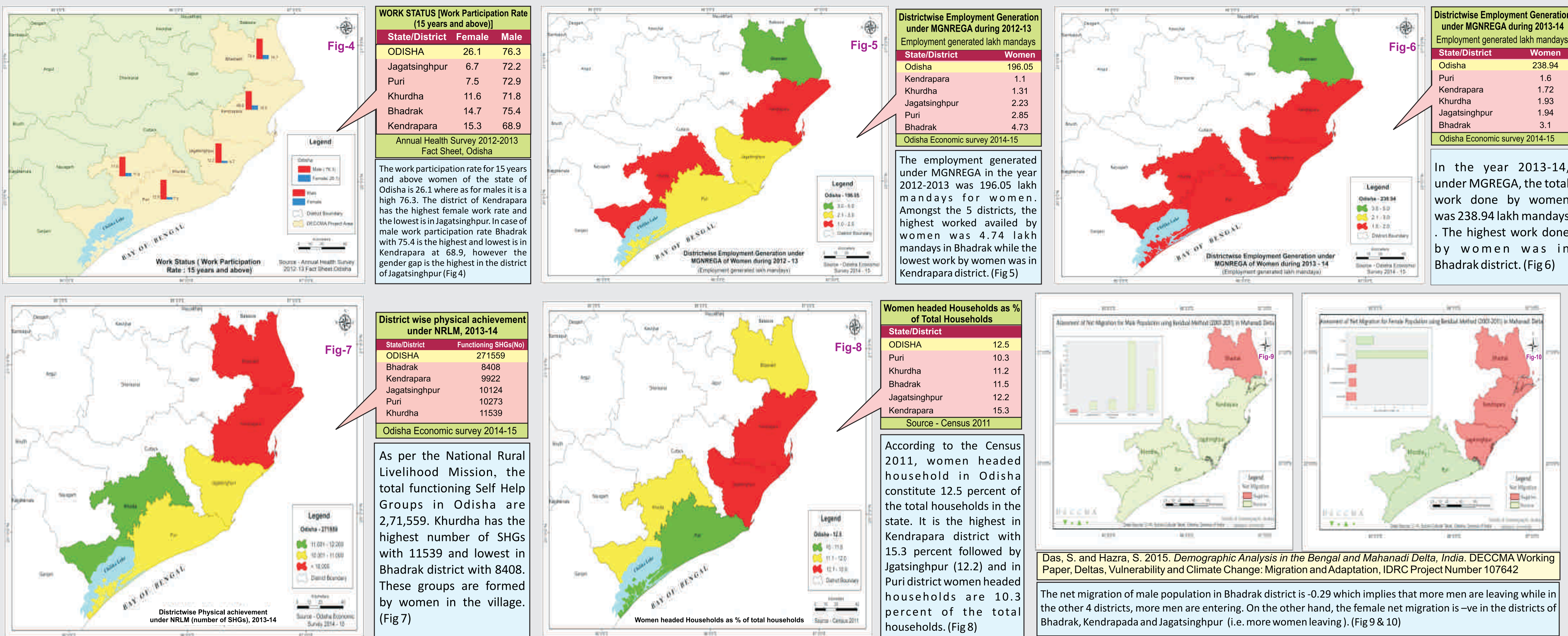
The risk level in the 5 districts of the Mahanadi delta viz Puri, Khurdha, Kendrapada, Jagatsinghpur and Bhadrak , where the sending area survey has been conducted, range from very low to very high. This risk assessment has been based on the multi hazard incidences, exposure, sensitivity and adaptability factors. But the gender component is absent in the risk assessment. However gender analysis is a strong component of the sending areas survey and thus it is prudent that the indicators related to the situation of the women be looked into to understand the co relations (if any) to the risk and the situation of girls and women. Some of the important indicators are women headed households (one of the cause being male migration), access to resources and livelihood and nutritional status of women. Mapping the indicators from secondary sources would reveal the district variation and the poster will present some of the indicators on the situation of women against the backdrop of the risk level of the district.

### BACKGROUND



Source : Fast Track Hotspot Mapping In Indian Sundarban Delta and Mahanadi Delta, Summary report, D 2.1.2 WP2, DECCMA India

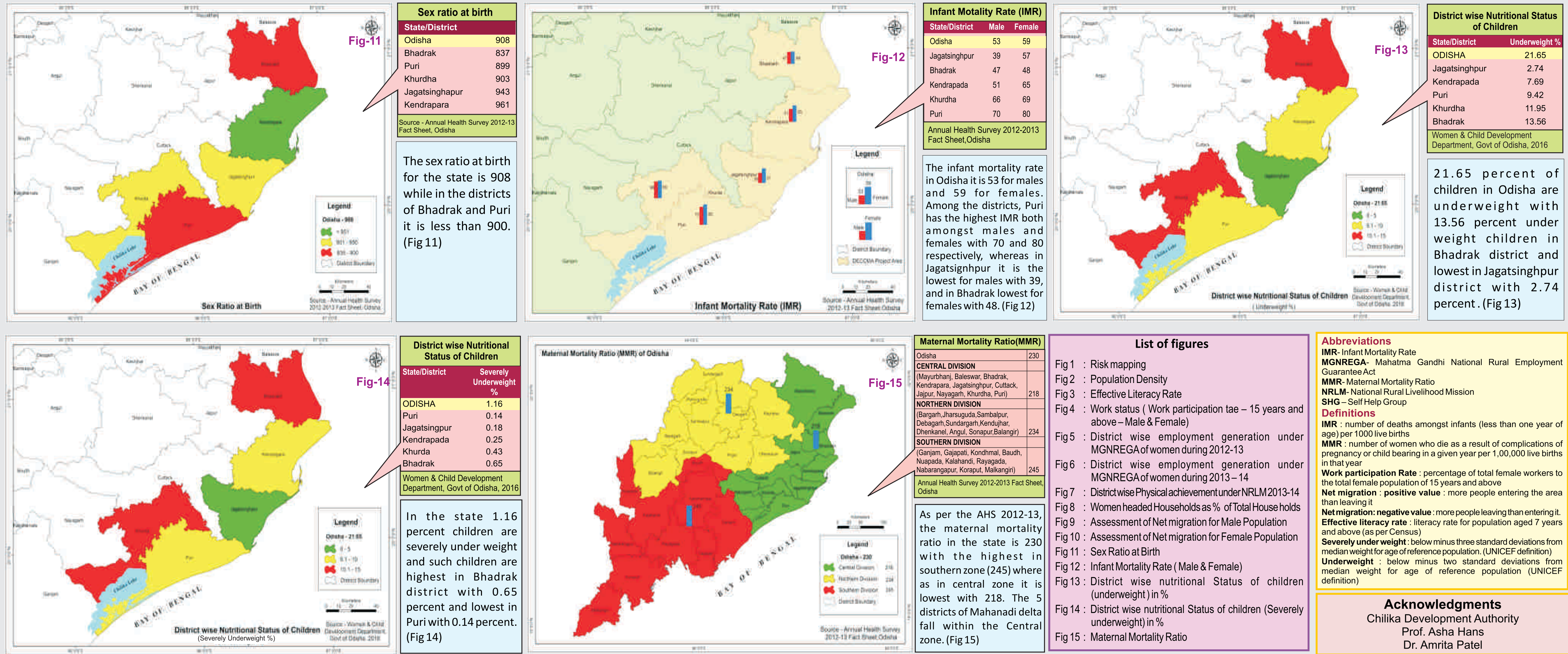
### ACCESS TO LIVELIHOODS



Das, S. and Hazra, S. 2015. Demographic Analysis in the Bengal and Mahanadi Delta, India. DECCMA Working Paper, Deltas, Vulnerability and Climate Change: Migration and Adaptation, IDRC Project Number 107642

The net migration of male population in Bhadrak district is -0.29 which implies that more men are leaving while in the other 4 districts, more men are entering. On the other hand, the female net migration is -ve in the districts of Bhadrak, Kendrapada and Jagatsinghpur (i.e. more women leaving ). (Fig 9 & 10)

### NUTRITIONAL STATUS



#### List of figures

- Fig 1 : Risk mapping
- Fig 2 : Population Density
- Fig 3 : Effective Literacy Rate
- Fig 4 : Work status ( Work participation rate – 15 years and above – Male & Female)
- Fig 5 : District wise employment generation under MGNREGA of women during 2012-13
- Fig 6 : District wise employment generation under MGNREGA of women during 2013 – 14
- Fig 7 : District wise Physical achievement under NRLM 2013-14
- Fig 8 : Women headed Households as % of Total Households
- Fig 9 : Assessment of Net migration for Male Population
- Fig 10 : Assessment of Net migration for Female Population
- Fig 11 : Sex Ratio at Birth
- Fig 12 : Infant Mortality Rate ( Male & Female)
- Fig 13 : District wise nutritional Status of children (underweight) in %
- Fig 14 : District wise nutritional Status of children (Severely underweight) in %
- Fig 15 : Maternal Mortality Ratio

#### Abbreviations

IMR- Infant Mortality Rate  
MGNREGA- Mahatma Gandhi National Rural Employment Guarantee Act  
MMR- Maternal Mortality Ratio  
NRLM- National Rural Livelihood Mission  
SHG – Self Help Group  
**Definitions**  
IMR : number of deaths amongst infants (less than one year of age) per 1000 live births  
MMR : number of women who die as a result of complications of pregnancy or child bearing in a given year per 1,00,000 live births in that year  
Work participation Rate : percentage of total female workers to the total female population of 15 years and above  
Net migration : positive value : more people entering the area than leaving it  
Net migration : negative value : more people leaving than entering it  
Effective literacy rate : literacy rate for population aged 7 years and above (as per Census)  
Severely underweight : below minus three standard deviations from median weight for age of reference population. (UNICEF definition)  
Underweight : below minus two standard deviations from median weight for age of reference population (UNICEF definition)

#### Acknowledgments

Chilika Development Authority  
Prof. Asha Hans  
Dr. Amrita Patel