

# **DISTRICT NUTRITION PROFILE**

Led by IFPRI 🖔

## **SOUTH WEST KHASI HILLS | MEGHALAYA**

**MARCH 2022** 

## **About District Nutrition Profiles:**

District Nutrition Profiles (DNPs) are available for 707 districts in India. They present trends for key nutrition and health outcomes and their cross-sectoral determinants in a district. The DNPs are based on data from the National Family Health Survey (NFHS)-4 (2015-2016) and NFHS-5 (2019-2020). They are aimed primarily at district administrators, state functionaries, local leaders, and development actors working at



Figure 1: Map highlights district South West Khasi Hills in the state/UT of Meghalava

### Optimum fetal and child nutrition and development

#### **IMMEDIATE DETERMINANTS**

Breastfeeding, nutrient-rich foods, caregiving practices, low burden of infectious diseases

#### **UNDERLYING AND BASIC DETERMINANTS**

Women's status, sanitation and hygiene, food security, socioeconomic conditions

Source: Adapted from Black et al. (2008)

#### **NUTRITION-SPECIFIC INTERVENTIONS**

Service delivery to mothers and infants along the continuum of care, access to health facilities

#### INTERVENTIONS THAT AFFECT UNDERLYING AND BASIC **DETERMINANTS**

Women's empowerment, sanitation, agriculture, and social safety net programs

## What factors lead to child undernutrition?

Given the focus of India's national nutrition mission on child undernutrition, the DNPs focus in on the determinants of child undernutrition (Figure on the left). Multiple determinants of suboptimal child nutrition and development contribute to the outcomes seen at the district-level. Different types of interventions can influence these determinants. Immediate determinants include inadequacies in food, health, and care for infants and young children, especially in the first two years of life. Nutrition-specific interventions such as health service delivery at the right time during pregnancy and early childhood can affect immediate determinants. Underlying and basic determinants include women's status, household food security, hygiene, and socio-economic conditions. Nutrition-sensitive interventions such as social safety nets, sanitation programs, women's empowerment, and agriculture programs can affect underlying and basic determinants.

# District demographic profile, 2019-20

South West Khasi Hills



Sex ratio (females per 1,000 males) of the total population



Number of women of reproductive age (15-49 yrs)



Number of pregnant women



Number of live births



Total number of children under 5 vrs



Number of pregnant women

- 1. IFPRI estimates The headcount was calculated as the product of the undernutrition prevalence and the total eligible projected population for each district in 2019. Projected population for 2019 was estimated using Census 2011
- 2. NFHS-4 (2015-16) & NFHS-5 district & state factsheets (2019-20).

Citation: Singh. N., P.H. Nguyen, M. Jangid, S.K. Singh, R. Sarwal, N. Bhatia, R. Johnston, W. Joe, and P. Menon. 2022. District Nutrition Profile: South West Khasi Hills, Meghalaya. New Delhi, India: International Food Policy Research Institute.

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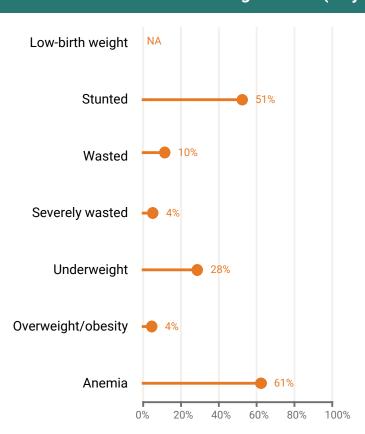












Meghalaya



## Burden on nutrition outcomes (2020)

Indicators	No. of children (<5 yrs)
Low-birth weight	NA
Stunted	NA
Wasted	NA
Severely wasted	NA
Underweight	NA
Overweight/obesity	NA
Anemia	NA
Total children	NA

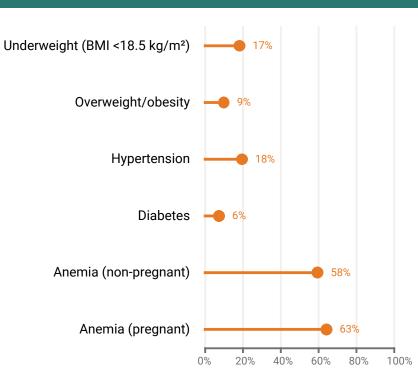
Note: NA refers to data is unavailable for a given round of NFHS data.

## Points of discussion:

- · What are the trends in undernutrition among children under five years of age (stunting, wasting, underweight, and anemia)?
- What are the trends in overweight/obesity among children under five years of age in the district?

# The state of nutrition outcomes among women (15-49 years)

## **South West Khasi Hills**



# Meghalaya



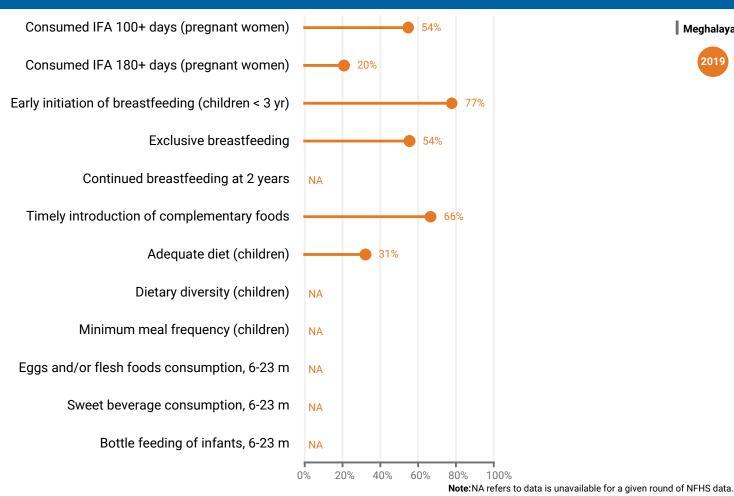
## Burden on nutrition outcomes (2020)

Indicators	No. of women (15-49 yrs)
Underweight	NA
Overweight/obesity	NA
Hypertension	NA
Diabetes	NA
Anemia (non-preg)	NA
Anemia (preg)	2,562
Total women (preg)	4,055
Total women	NA

Note: NA refers to data is unavailable for a given round of NFHS data.

### Points of discussion:

- What are the trends in underweight and anemia among women (15-49 yrs) in the district?
- · What are the trends in overweight/obesity and other nutrition-related non-communicable diseases in the district?



Meghalaya

## Points of discussion:

- · What are the trends in infant and young child feeding (timely initiation of breastfeeding, exclusive breastfeeding, timely initiation of c omplementary feeding, and adequate diet)? What can be done to improve infant and young child feeding?
- What are the trends in IFA consumption among pregnant women in the district? How can the consumption be improved?
- What additional data are needed to understand diets and/or other determinants?

## **South West Khasi Hills** Underlying determinants Women with ≥10 years of education Meghalaya Women 20-24 years married before the age of 18 Women 15-19 years with child or pregnant HHs with improved sanitation facility 90% HHs with improved drinking water source Safe disposal of feces NA HHs with below poverty line (BPL) card NA HHs with health insurance 72% 0% 20% 40% 60% 80% 100% Note: NA refers to data is unavailable for a given round of NFHS data.

## Points of discussion:

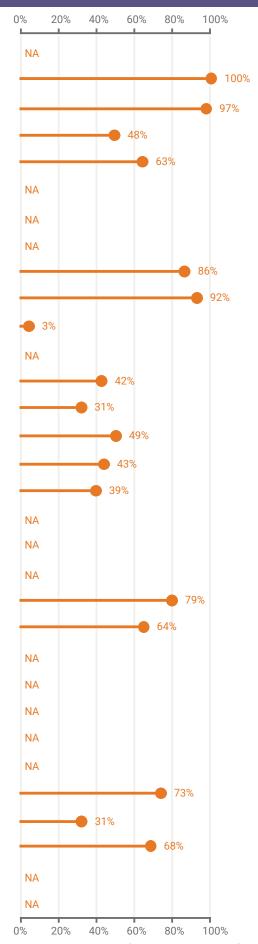
- · How can the district increase women's literacy, and reduce early marriage, if needed?
- · How does the district perform on providing drinking water and sanitation to its residents? Since sanitation and hygiene play an important role in improving nutrition outcomes, how can all aspects of sanitation be improved?
- · How can programs that address underlying and basic determinants (education, poverty, gender) be strengthened?
- · What additional data are needed on food systems, poverty or other underlying determinants?

Demand for FP satisfied lodized salt Pregnancy registered (MPC card) ANC first trimester > 4 ANC visits Weighing Birth preparedness counselling Breastfeeding counselling Tetanus injection Received IFA tab/syrup Deworming Food supplementation Institutional birth Financial assistance (JSY) Skilled birth attendant Postnatal care for mothers Postnatal care for babies Food supplementation Health & nutrition education Health checkup (ICDS) Full immunization Vitamin A Pediatric IFA Deworming Food supplementation (6-35 months) Weighing Counselling on child growth ORS during diarrhea Zinc during diarrhea

Careseeking for ARI

Preschool at AWC

Health checkup from AWC



Note: NA refers to data is unavailable for a given round of NFHS data.

### Points of discussion:

- How does the district perform on health and nutrition interventions along the continuum of care? Does it adequately provide both prenatal and postnatal services to women of reproductive age, pregnant women, new mothers and newborns?
- How has access to health and ICDS services changed over time (food supplementation, health and nutrition education and health checkups)?