

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 the district-level.

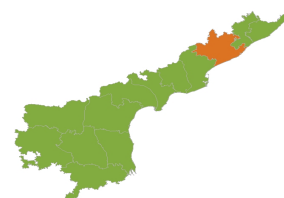


Figure 1: Map highlights district Visakhapatnam in the state/UT of Andhra Pradesh



Source: Adapted from Black et al. (2008)

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

Visakhapatnam



915/1,000

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



1,333,702

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



74,408

Number of pregnant women



69,012

Number of live births



321,147

Total number of children under 5 yrs



66,134

Number of pregnant women

Source:

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).

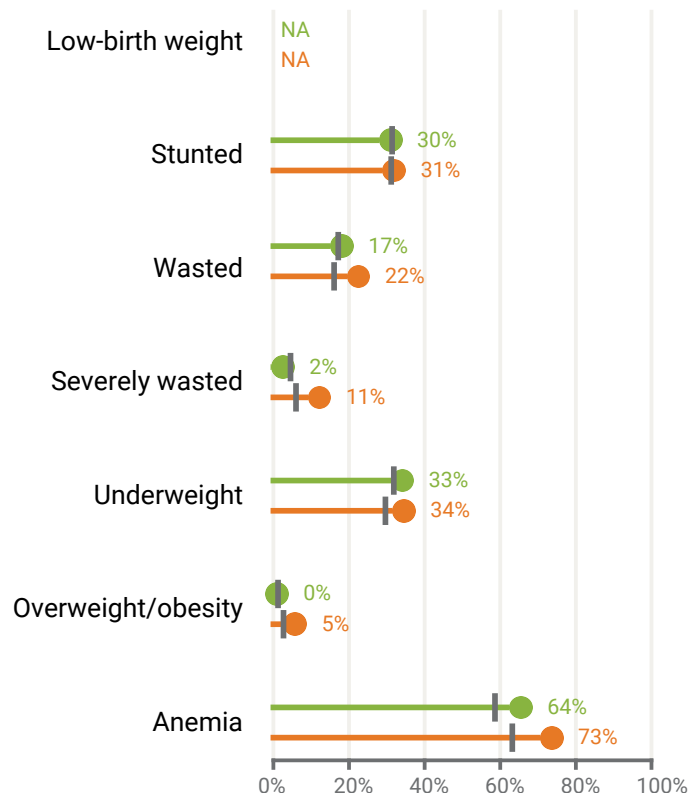
Citation: Singh, N., P.H. Nguyen, M. Jangid, S.K. Singh, R. Sarwal, N. Bhatia, R. Johnston, W. Joe, and P. Menon. 2022. District Nutrition Profile: Visakhapatnam, Andhra Pradesh. New Delhi, India: International Food Policy Research Institute.

Acknowledgement: Financial support was provided by the Bill & Melinda Gates Foundation through POSHAN, led by the International Food Policy Research Institute. We thank Amit Jena (Independent Researcher) for design and programming support.

The state of nutrition outcomes among children (<5 years)

Visakhapatnam

Andhra Pradesh



2016

2019

Burden on nutrition outcomes (2020)

Indicators	No. of children (<5 yrs)
Low-birth weight	NA
Stunted	99,427
Wasted	69,143
Severely wasted	35,968
Underweight	107,681
Overweight/obesity	15,383
Anemia	209,471
Total children	321,147

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

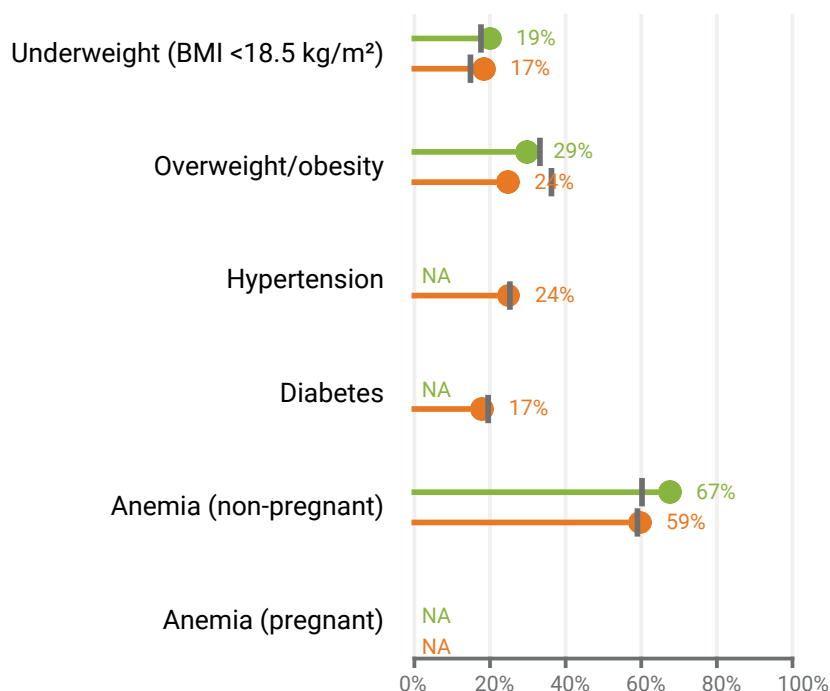
Points of discussion:

- 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)

Visakhapatnam

Andhra Pradesh



2016

2019

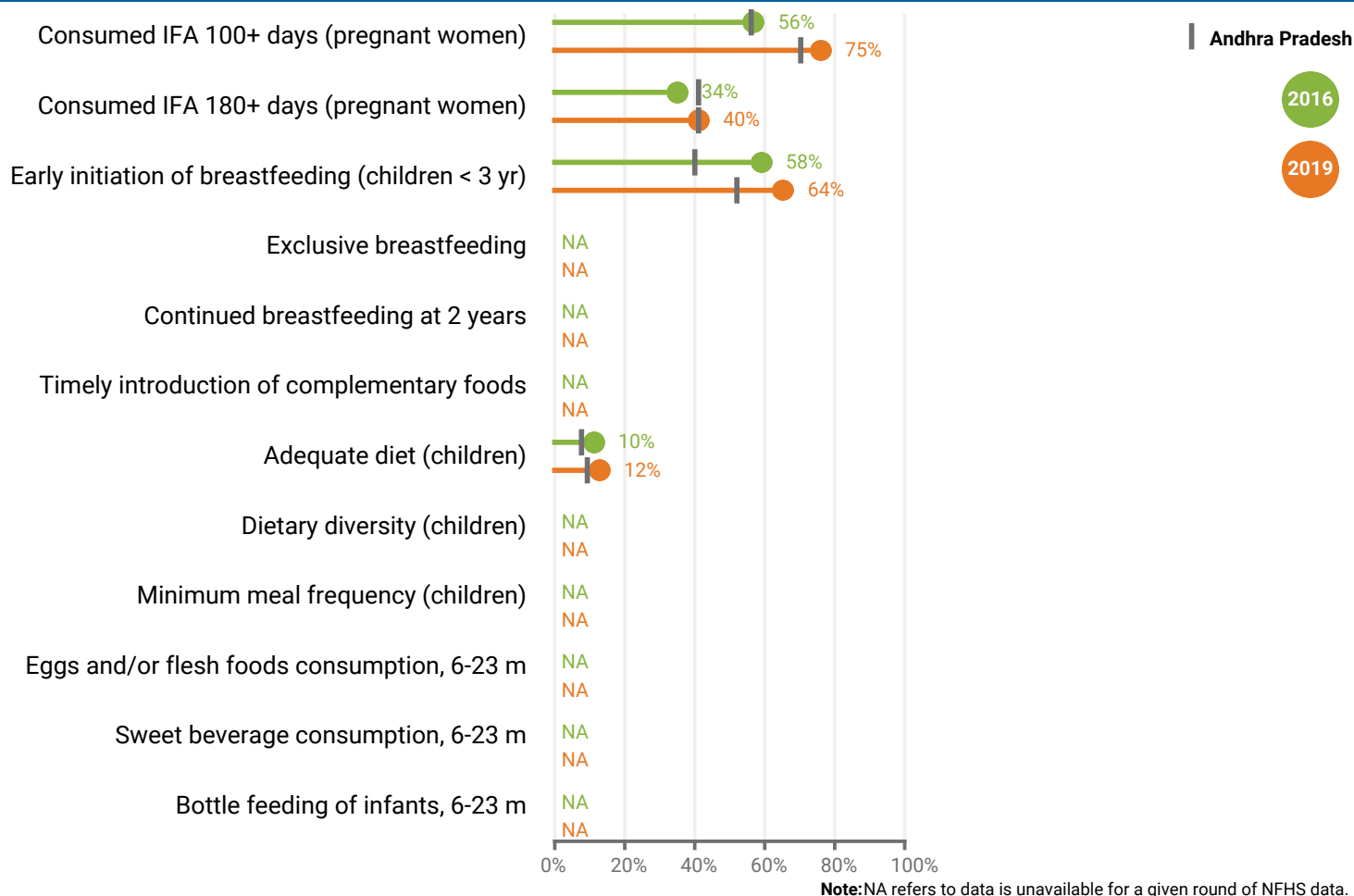
Burden on nutrition outcomes (2020)

Indicators	No. of women (15-49 yrs)
Underweight	232,598
Overweight/obesity	317,288
Hypertension	318,888
Diabetes	226,329
Anemia (non-preg)	781,683
Anemia (preg)	NA
Total women (preg)	74,408
Total women	1,333,702

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?

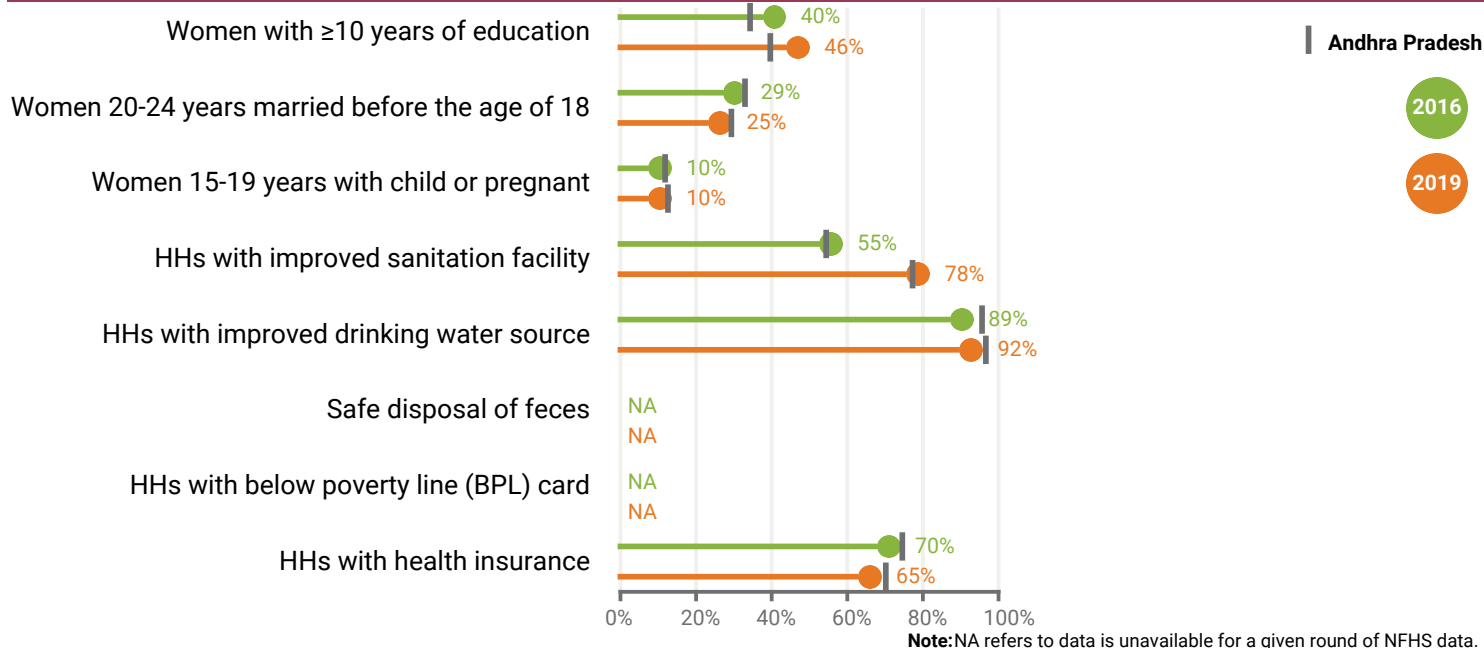


Points of discussion:

- What are the trends in infant and young child feeding (timely initiation of breastfeeding, exclusive breastfeeding, timely initiation of complementary 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?

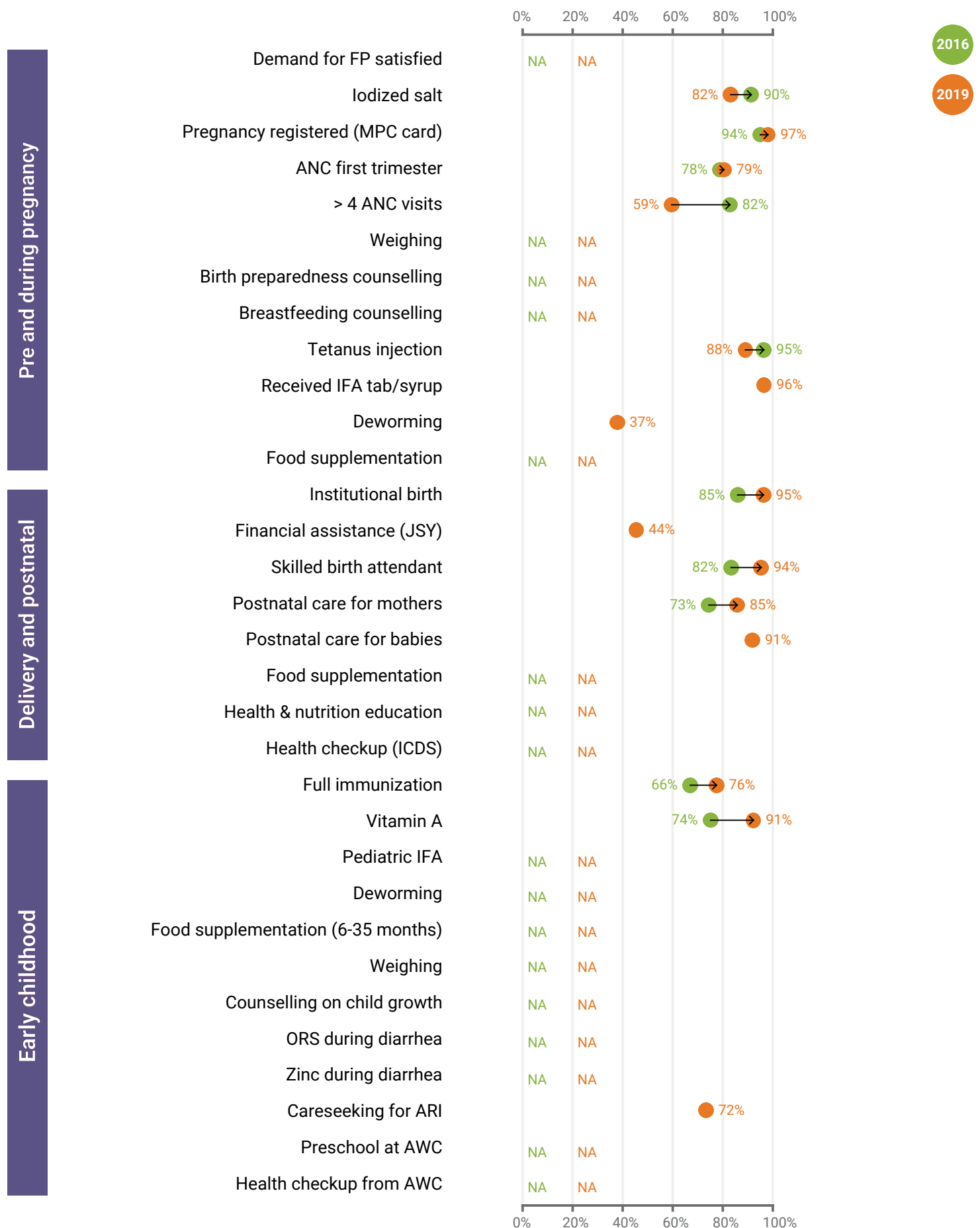
Underlying determinants

Visakhapatnam



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?



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)?