POSHAN
Led by IFPRI
Partnerships and Opportunities to Strengthen and Harmonize Actions for Nutrition in India
Data Note
No. 25 | SEPTEMBER 2018

# Coverage of Nutrition and Health Interventions in ODISHA

## *Insights from the National Family Health Survey-4*

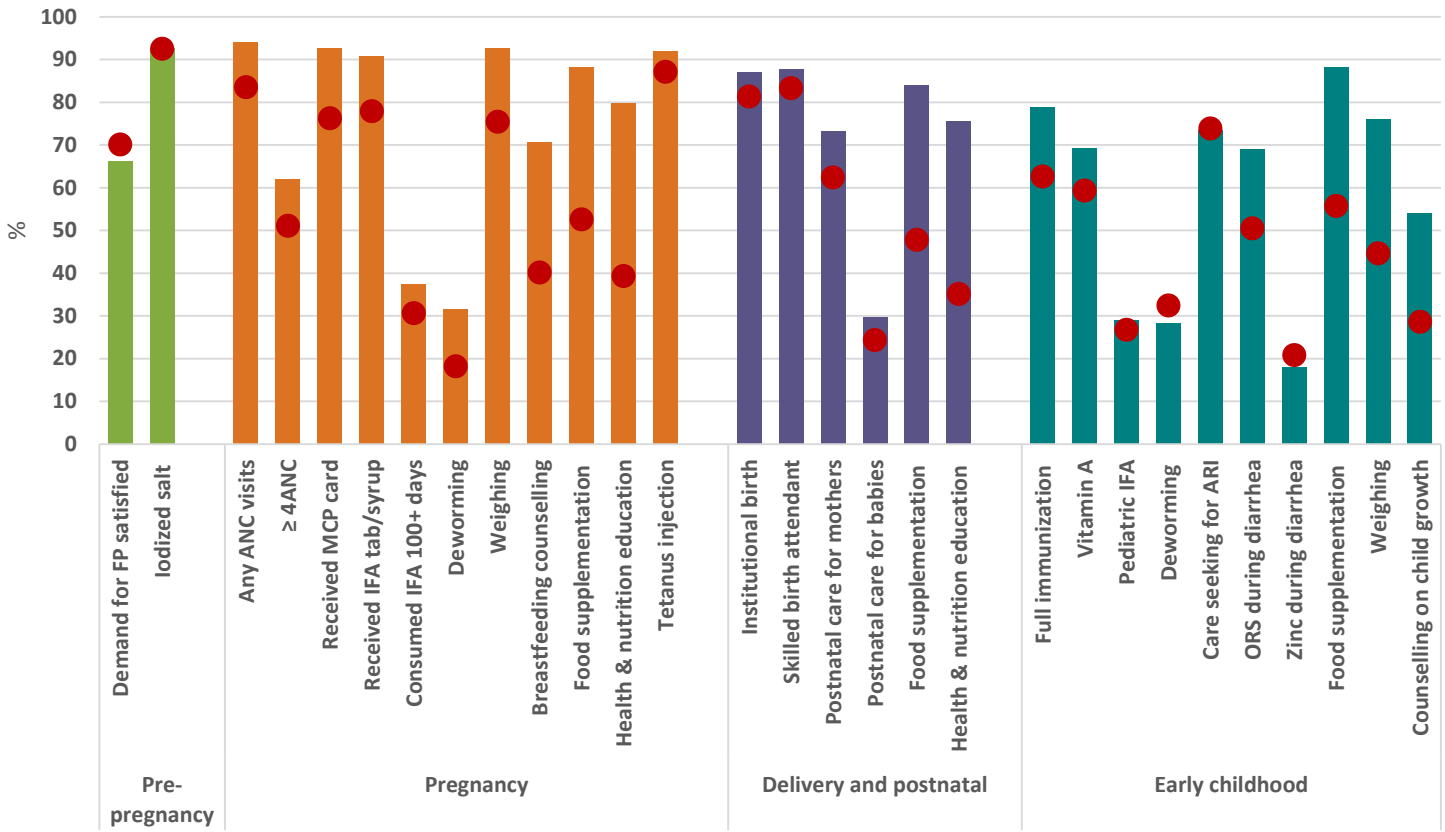
### ABOUT THIS DATA NOTE

Nutrition-specific interventions are aimed at improving the proximal food, health, and care environment for women and children during the first 1000 days. They can help improve maternal and child health, improve diets and other nutrition practices, and reduce infections. These interventions span pregnancy, postnatal, and early childhood periods and include food and micronutrient supplementation, nutrition education and/or counselling, growth monitoring and promotion, as well as routine immunization, deworming, and care during illness. At 90% coverage, these interventions can contribute to 20% reduction in stunting and 61% reduction in severe wasting[1].

India's policy framework for health and nutrition is robust and includes most evidence-based nutrition and health interventions. Two large-scale national program platforms – the Integrated Child Development Services and the National Health Mission together provide the public sector delivery platforms with the mandate to deliver these interventions across the country. India's efforts at scaling up nutrition interventions are now also supported by the National Nutrition Mission.

This *Data Note* describes the coverage of a set of key nutrition and health interventions. The findings here are based on data from the National Family Health Survey 2015-2016. Indicators to capture the coverage of the interventions here are all calculated for women (15-49 years) with a child under five years of age. All analyses are based on the last-born child for each woman and indicator definitions are provided in Annex 1 of this Note. For some indicators, age categories may vary.

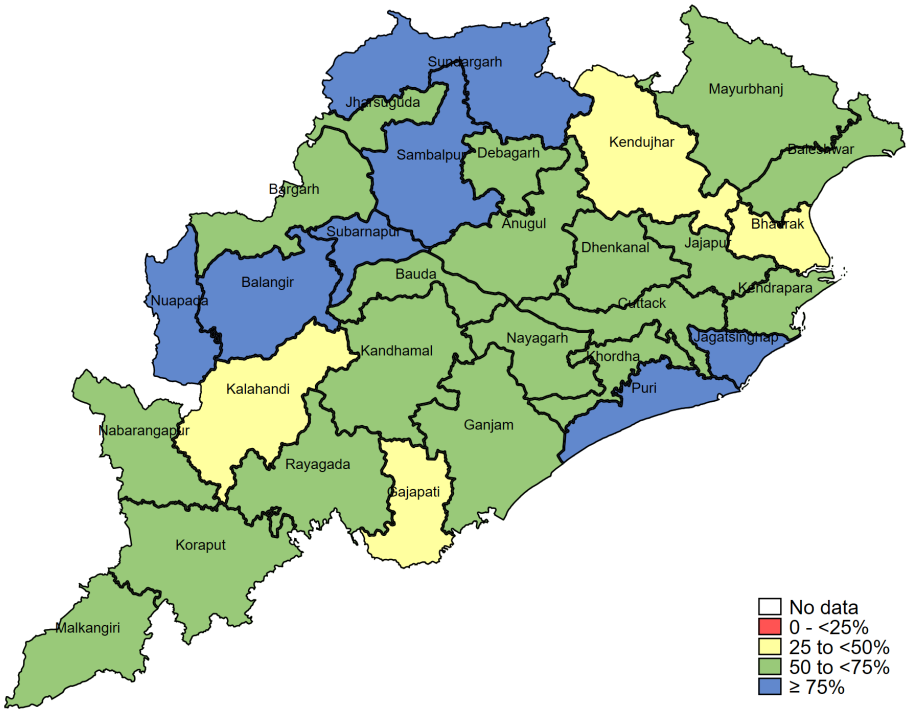
### FIGURE 1 Coverage of interventions across the continuum of care, in 2016




*Note: ANC = Antenatal care; ARI = Acute respiratory infection; FP = Family planning; IFA = Iron and folic acid; MCP = Mother and child protection; ORS = Oral rehydration salts; The bars represent state average, the dots represent India average.*
*Source: NFHS-4.*

[1]Bhutta, Z.A., J.K. Das, A. Rizvi, M.F. Gaffey, N. Walker, S. Horton, P. Webb, A. Lartey, R.E. Black, Lancet Nutrition Interventions Review G, et al. 2013. "Evidence-based interventions for improvement of maternal and child nutrition: what can be done and at what cost?" *The Lancet* 382(9890):452-477.

## MAP 1 Percentage of women who received 4 or more ANC visits, by district, 2016

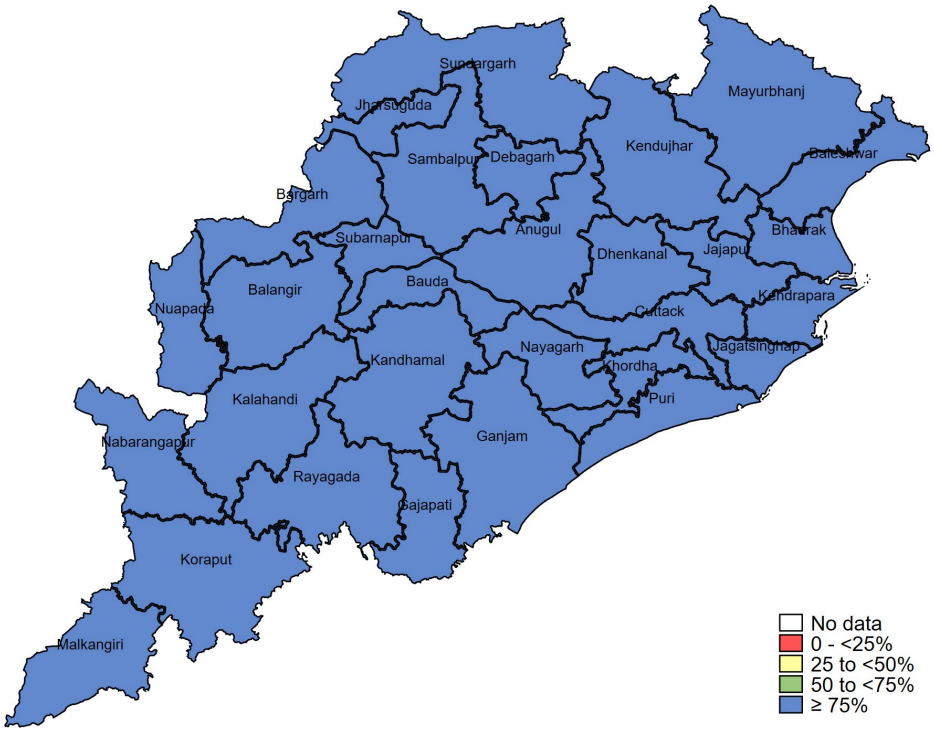



| Top 5 districts, % | |
|---|---|
| Subarnapur | 85.3 |
| Sambalpur | 82.9 |
| Puri | 81.8 |
| Sundargarh | 80.6 |
| Jagatsinghapur | 80.4 |

| Bottom 5 districts, % | |
|---|---|
| Bhadrak | 34.7 |
| Kendujhar | 40.0 |
| Kalahandi | 46.7 |
| Gajapati | 49.1 |
| Jajapur | 50.7 |

*Source: NFHS-4.*

## MAP 2 Percentage of women who were weighed during pregnancy, by district, 2016

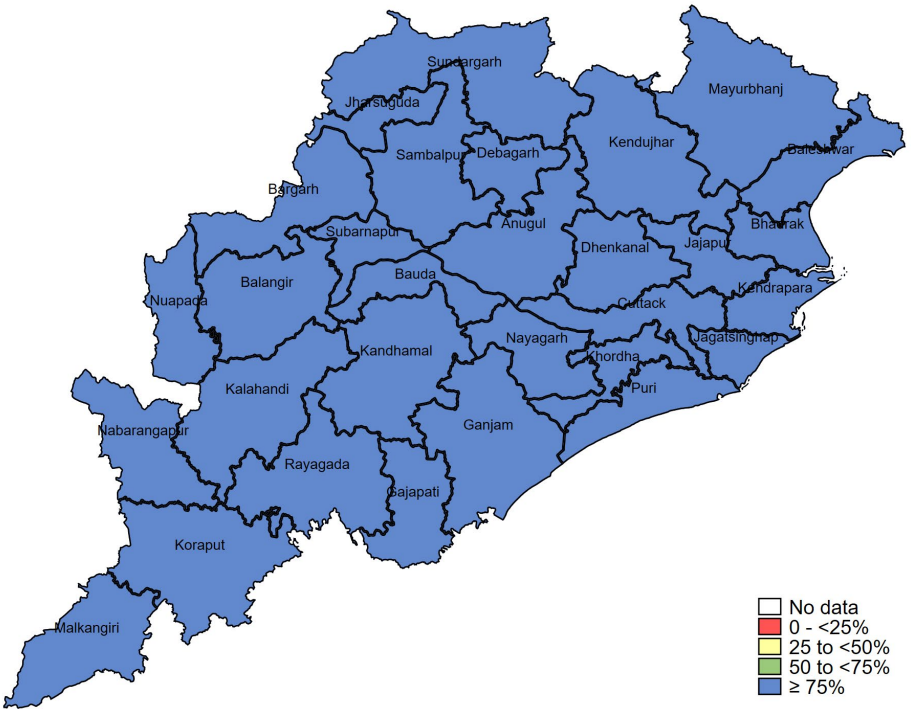



| Top 5 districts, % | |
|---|---|
| Sambalpur | 99.1 |
| Nuapada | 99.1 |
| Balangir | 99.0 |
| Bargarh | 98.8 |
| Jagatsinghapur | 98.6 |

| Bottom 5 districts, % | |
|---|---|
| Kendujhar | 78.6 |
| Jajapur | 81.6 |
| Rayagada | 83.2 |
| Bhadrak | 83.8 |
| Gajapati | 85.6 |

*Source: NFHS-4.*

## MAP 3 Percentage of women who received or bought any IFA during pregnancy, by district, 2016

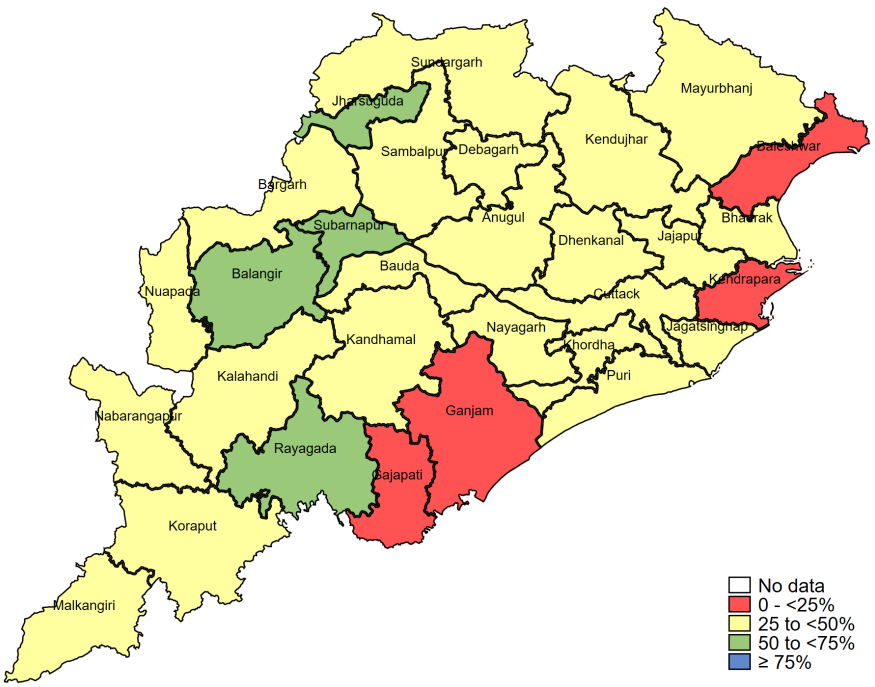



| Top 5 districts, % | |
|---|---|
| Debagarh | 97.2 |
| Balangir | 96.6 |
| Subarnapur | 95.9 |
| Jharsuguda | 95.4 |
| Sundargarh | 95.1 |

| Bottom 5 districts, % | |
|---|---|
| Ganjam | 81.4 |
| Bhadrak | 84.4 |
| Kendrapara | 86.2 |
| Nayagarh | 87.0 |
| Baleshwar | 87.8 |

*Source: NFHS-4.*

## MAP 4 Percentage of women who consumed IFA for 100+ days during pregnancy, by district, 2016

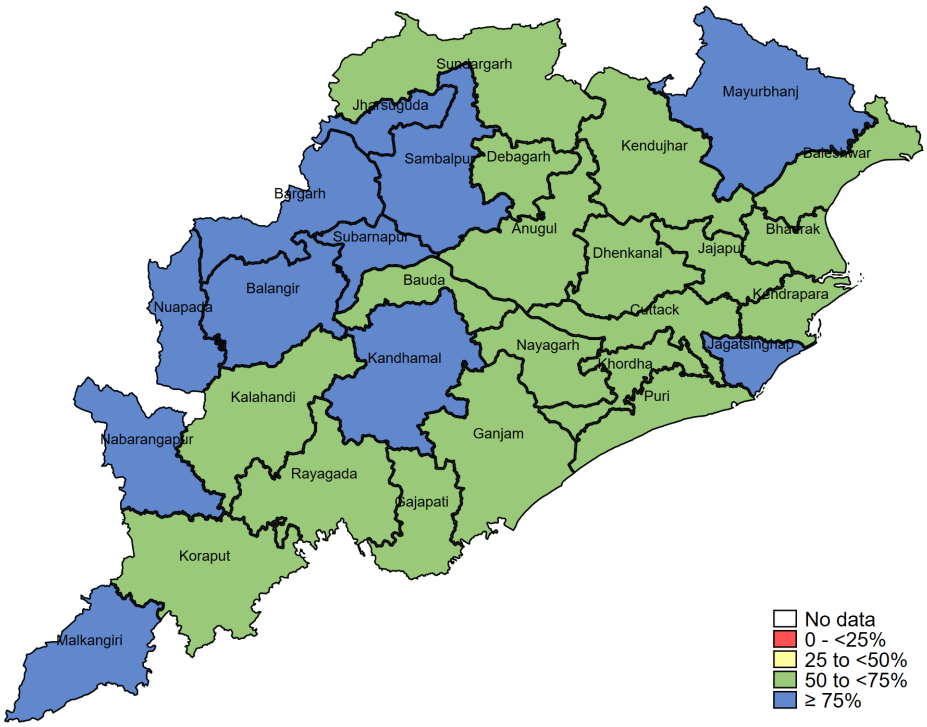



| Top 5 districts, % | |
|---|---|
| Rayagada | 52.5 |
| Subarnapur | 50.2 |
| Jharsuguda | 50.1 |
| Balangir | 50.0 |
| Puri | 48.9 |

| Bottom 5 districts, % | |
|---|---|
| Baleshwar | 18.3 |
| Gajapati | 22.6 |
| Ganjam | 23.7 |
| Kendrapara | 24.5 |
| Bhadrak | 29.0 |

*Source: NFHS-4.*

## MAP 5 Percentage of women who received breastfeeding counselling during pregnancy, by district, 2016

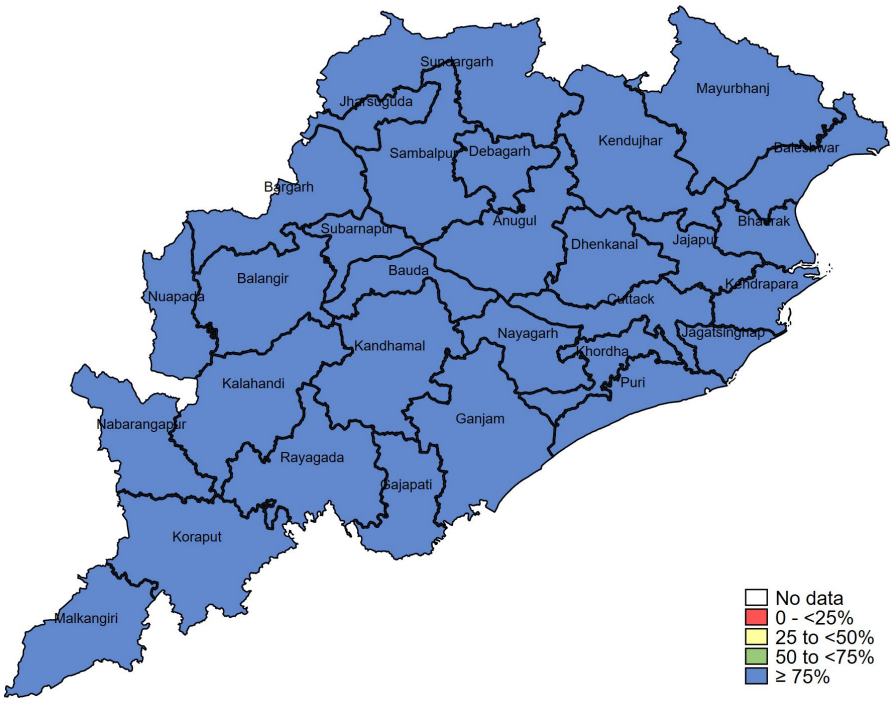



| Top 5 districts, % | |
|---|---|
| Bargarh | 88.9 |
| Mayurbhanj | 81.5 |
| Jharsuguda | 81.5 |
| Balangir | 80.5 |
| Subarnapur | 80.1 |

| Bottom 5 districts, % | |
|---|---|
| Bhadrak | 58.8 |
| Ganjam | 59.3 |
| Baleshwar | 62.1 |
| Kendujhar | 62.3 |
| Gajapati | 62.8 |

*Source: NFHS-4.*

## MAP 6 Percentage of women who received food supplements during pregnancy, by district, 2016

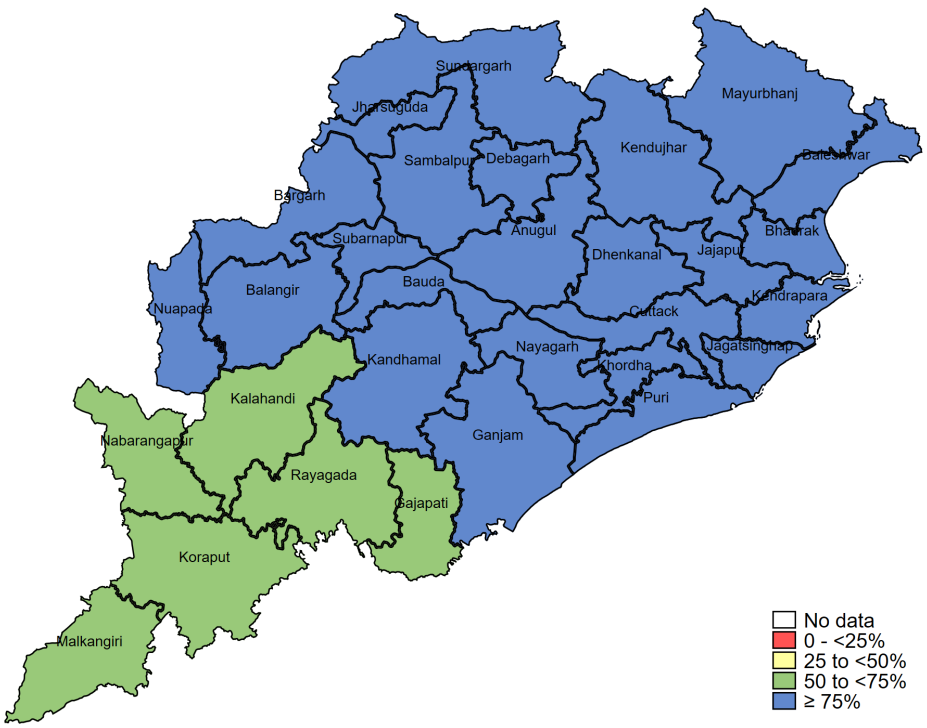



| Top 5 districts, % | |
|---|---|
| Kandhamal | 96.6 |
| Subarnapur | 96.3 |
| Baudh | 96.3 |
| Nuapada | 95.9 |
| Bargarh | 95.8 |

| Bottom 5 districts, % | |
|---|---|
| Bhadrak | 76.3 |
| Kendujhar | 80.5 |
| Ganjam | 81.0 |
| Baleshwar | 81.8 |
| Khordha | 82.2 |

*Source: NFHS-4.*

## MAP 7 Percentage of women who gave birth in a health facility, by district, 2016

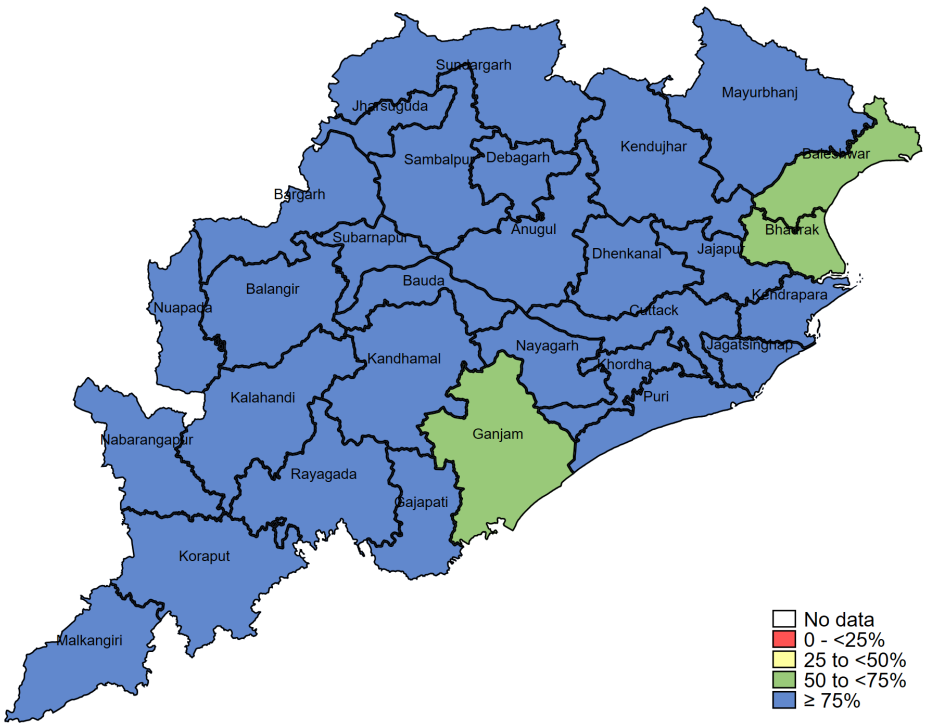



| Top 5 districts, % | |
|---|---|
| Jagatsinghapur | 98.5 |
| Puri | 98.1 |
| Jajapur | 95.5 |
| Cuttack | 95.2 |
| Jharsuguda | 95.1 |

| Bottom 5 districts, % | |
|---|---|
| Gajapati | 64.5 |
| Nabarangapur | 66.6 |
| Koraput | 68.4 |
| Malkangiri | 72.3 |
| Kalahandi | 73.6 |

*Source: NFHS-4.*

## MAP 8 Percentage of women who received food supplements during lactation, by district, 2016

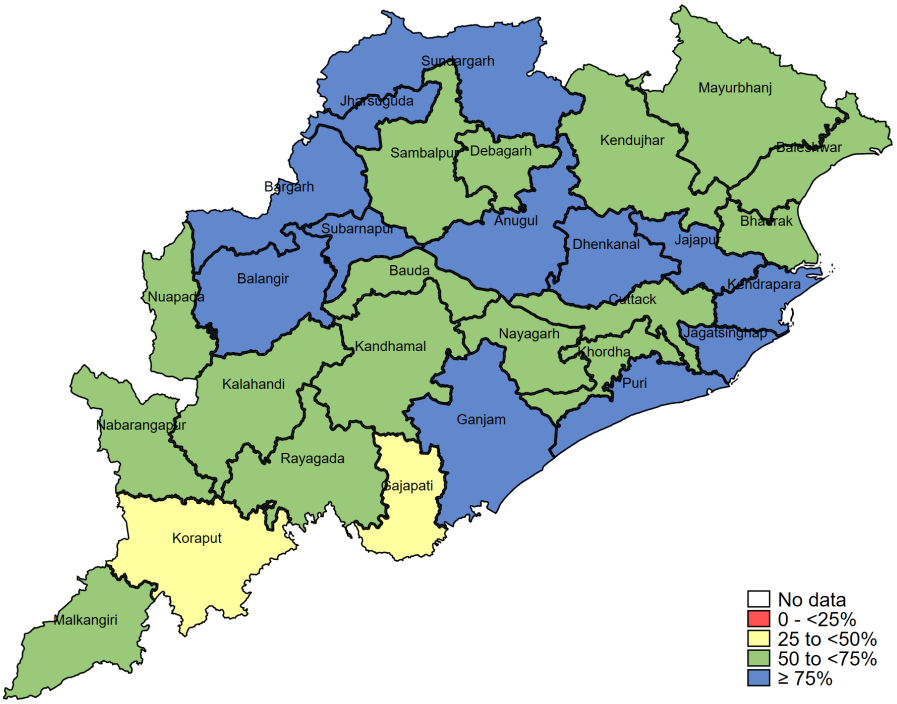



| Top 5 districts, % | |
|---|---|
| Bargarh | 96.5 |
| Baudh | 96.3 |
| Nuapada | 95.8 |
| Kandhamal | 94.0 |
| Balangir | 93.7 |

| Bottom 5 districts, % | |
|---|---|
| Baleshwar | 65.1 |
| Ganjam | 67.7 |
| Bhadrak | 71.6 |
| Kendujhar | 76.4 |
| Gajapati | 78.8 |

*Source: NFHS-4.*

## MAP 9 Percentage of mothers who received postnatal care within two days of childbirth, by district, 2016

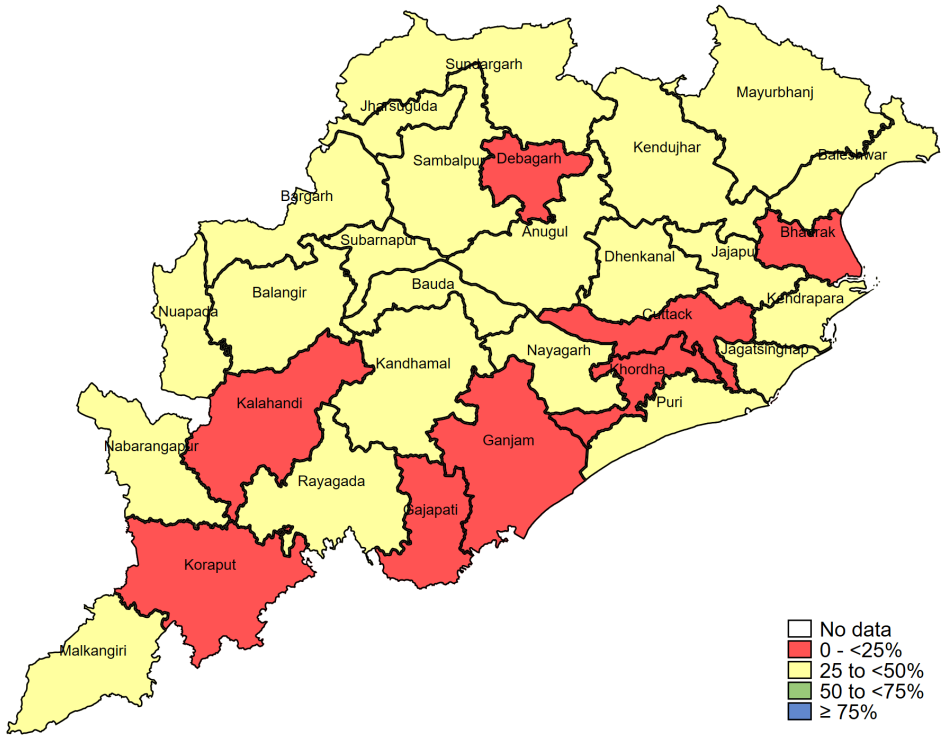



| Top 5 districts, % | |
|---|---|
| Puri | 92.8 |
| Jagatsinghapur | 92.6 |
| Jharsuguda | 88.6 |
| Subarnapur | 86.8 |
| Anugul | 85.2 |

| Bottom 5 districts, % | |
|---|---|
| Gajapati | 46.3 |
| Koraput | 48.8 |
| Kalahandi | 58.8 |
| Kendujhar | 58.9 |
| Bhadrak | 62.2 |

*Source: NFHS-4.*

## MAP 10 Percentage of children (0-59 months) who received postnatal care within two days of their birth, by district, 2016

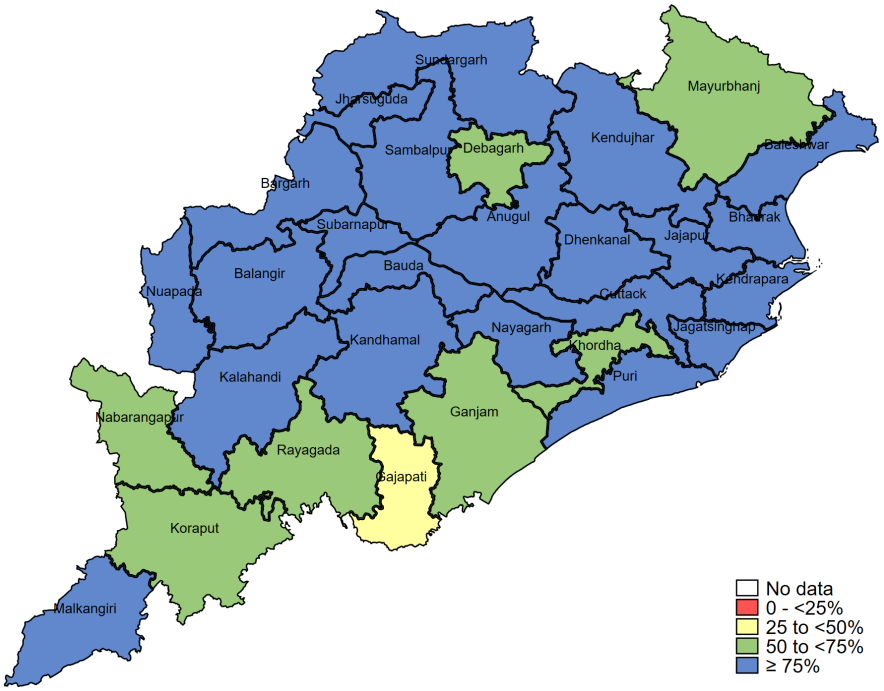



| Top 5 districts, % | |
|---|---|
| Jagatsinghapur | 46.9 |
| Subarnapur | 46.6 |
| Sundargarh | 41.1 |
| Malkangiri | 39.3 |
| Jajapur | 39.1 |

| Bottom 5 districts, % | |
|---|---|
| Kalahandi | 10.1 |
| Khordha | 12.6 |
| Cuttack | 14.3 |
| Koraput | 18.7 |
| Bhadrak | 18.9 |

*Source: NFHS-4.*

## MAP 11 Percentage of children (12-23 months) who were fully immunized, by district, 2016

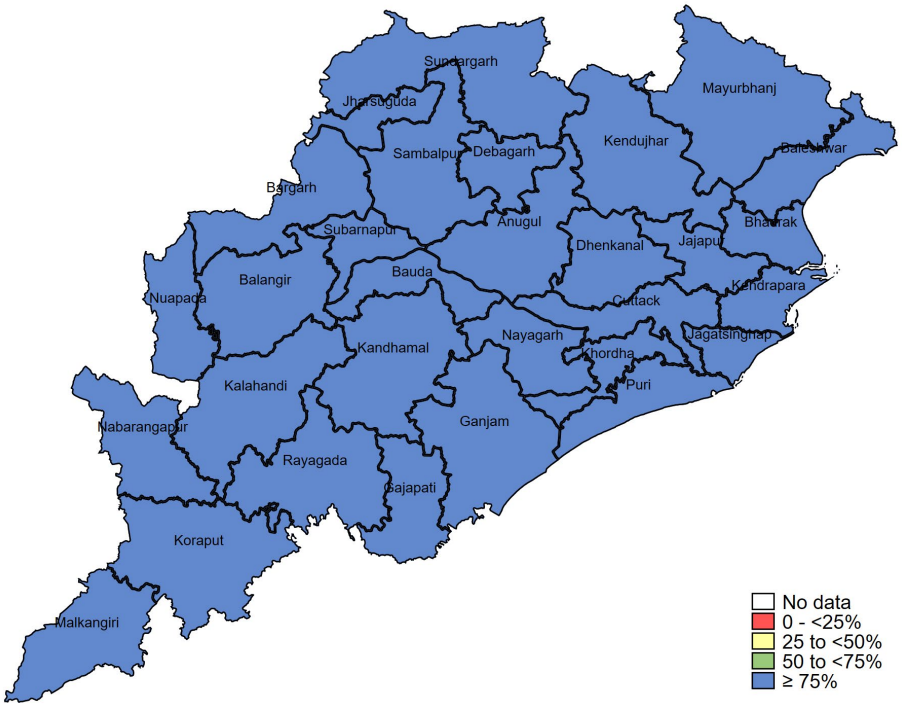



| Top 5 districts, % | |
|---|---|
| Baudh | 95.5 |
| Balangir | 92.9 |
| Jajapur | 91.5 |
| Subarnapur | 90.4 |
| Dhenkanal | 88.8 |

| Bottom 5 districts, % | |
|---|---|
| Gajapati | 47.2 |
| Ganjam | 54.1 |
| Koraput | 67.0 |
| Debagarh | 68.7 |
| Rayagada | 71.2 |

*Source: NFHS-4.*

## MAP 12 Percentage of children (6-35 months) who received food supplements, by district, 2016

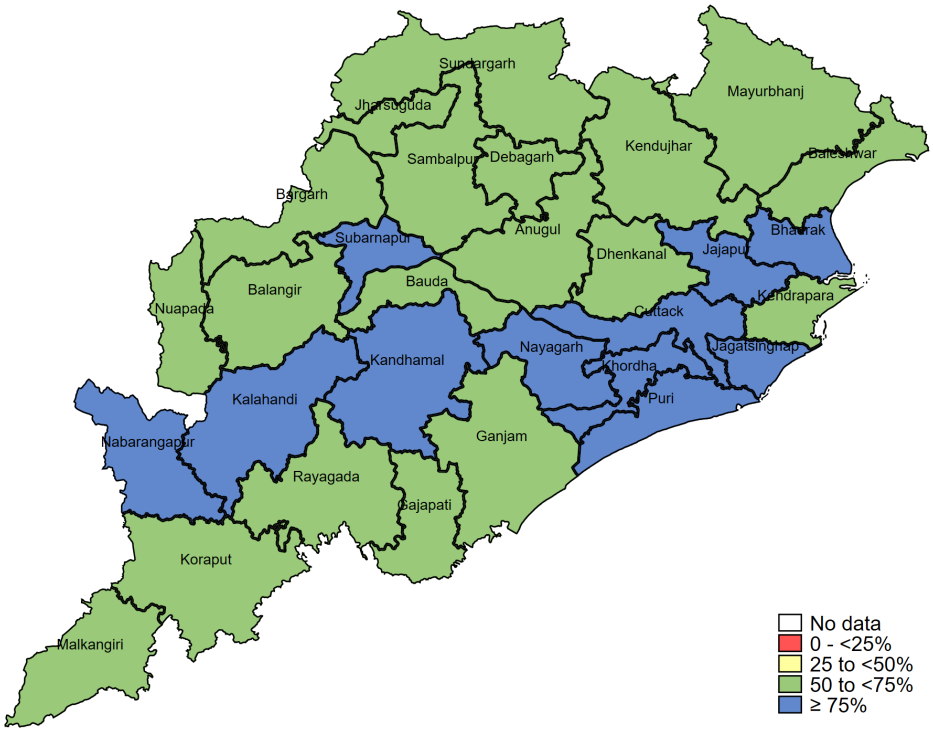



| Top 5 districts, % | |
|---|---|
| Baudh | 97.4 |
| Kandhamal | 96.7 |
| Nayagarh | 96.2 |
| Subarnapur | 96.1 |
| Jagatsinghapur | 96.1 |

| Bottom 5 districts, % | |
|---|---|
| Ganjam | 78.4 |
| Kendujhar | 80.0 |
| Sundargarh | 80.2 |
| Khordha | 80.8 |
| Rayagada | 80.8 |

*Source: NFHS-4.*

## MAP 13 Percentage of children (6-59 months) who received vitamin A supplements, by district, 2016

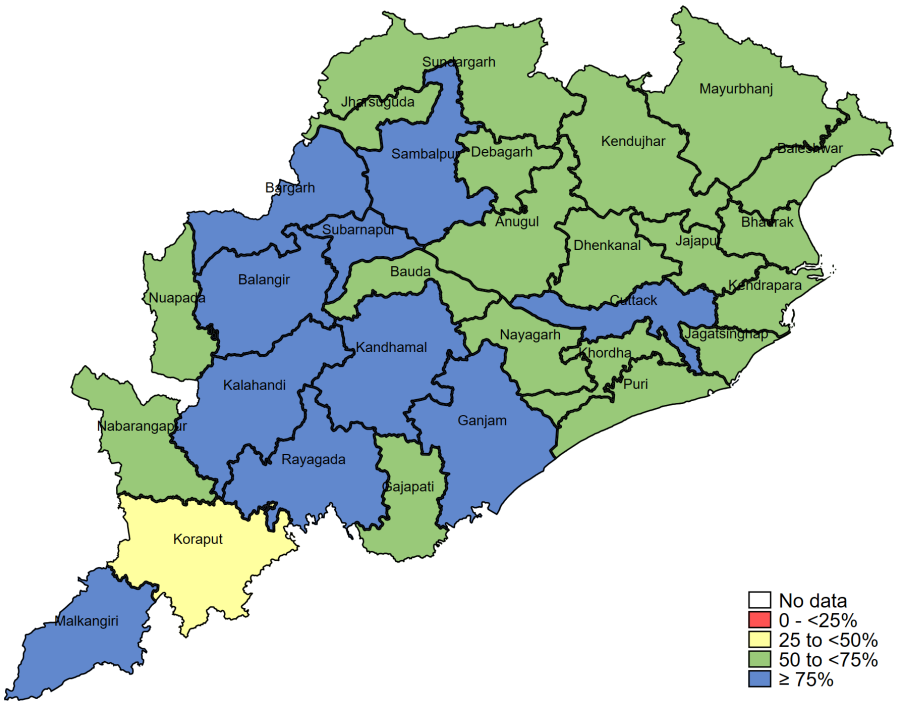



| Top 5 districts, % | |
|---|---|
| Puri | 82.6 |
| Jagatsinghapur | 81.9 |
| Nayagarh | 81.4 |
| Cuttack | 79.8 |
| Kandhamal | 79.2 |

| Bottom 5 districts, % | |
|---|---|
| Gajapati | 51.3 |
| Ganjam | 52.6 |
| Balangir | 53.6 |
| Sambalpur | 53.6 |
| Koraput | 56.0 |

*Source: NFHS-4.*

## MAP 14 Percentage of children (0-59 months) with diarrhea who received ORS, by district, 2016

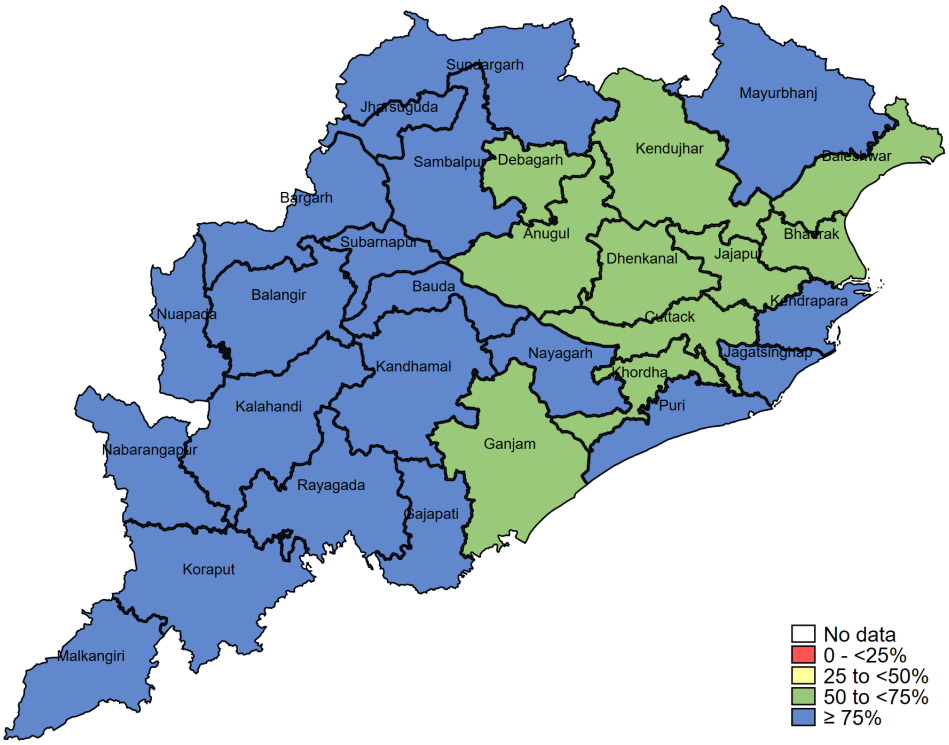



| Top 5 districts, % | |
|---|---|
| Bargarh | 100 |
| Kalahandi | 95.0 |
| Malkangiri | 93.7 |
| Balangir | 85.3 |
| Sambalpur | 82.8 |

| Bottom 5 districts, % | |
|---|---|
| Koraput | 48.8 |
| Puri | 56.7 |
| Kendujhar | 57.4 |
| Mayurbhanj | 58.9 |
| Khordha | 59.8 |

*Source: NFHS-4.*

## MAP 15 Percentage of children (0-59 months) who were weighed in the last 12 months, by district, 2016

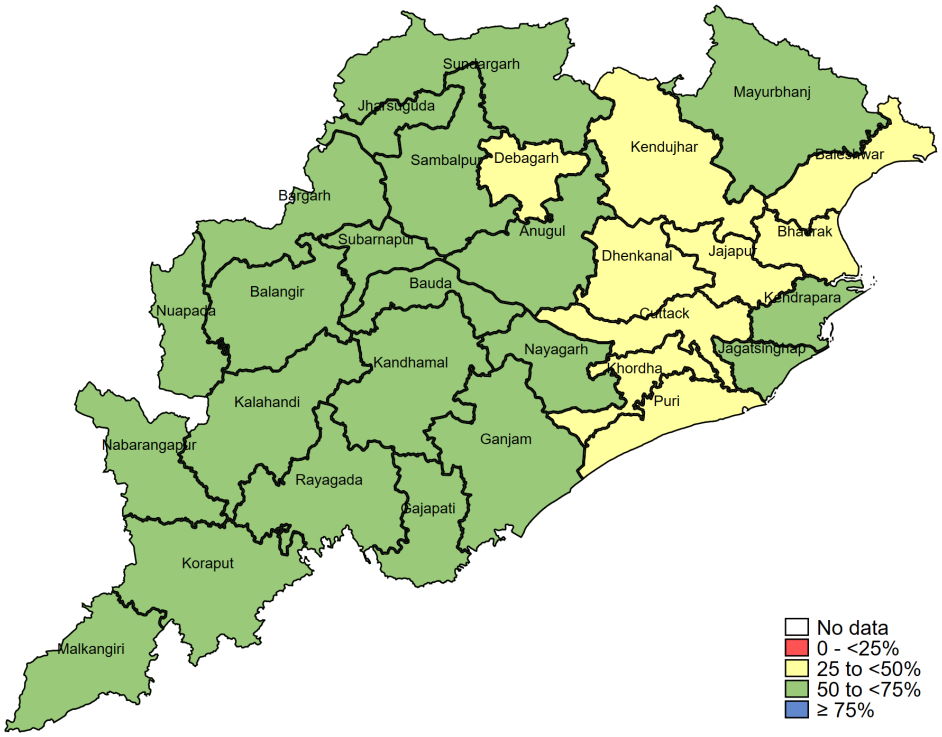



| Top 5 districts, % | |
|---|---|
| Kandhamal | 90.0 |
| Subarnapur | 87.3 |
| Nayagarh | 86.0 |
| Bargarh | 85.5 |
| Kendrapara | 84.8 |

| Bottom 5 districts, % | |
|---|---|
| Baleshwar | 63.6 |
| Bhadrak | 64.4 |
| Kendujhar | 66.6 |
| Jajapur | 67.5 |
| Cuttack | 67.5 |

*Source: NFHS-4.*

## MAP 16 Percentage of mothers with children (0-59 months) who were counselled about child growth after their child was weighed, by district, 2016




| Top 5 districts, % | |
|---|---|
| Subarnapur | 74.5 |
| Malkangiri | 67.8 |
| Nuapada | 65.5 |
| Kendrapara | 64.8 |
| Sundargarh | 64.6 |

| Bottom 5 districts, % | |
|---|---|
| Bhadrak | 34.5 |
| Kendujhar | 41.8 |
| Puri | 42.4 |
| Cuttack | 42.9 |
| Baleshwar | 43.10 |

*Source: NFHS-4.*

# DASHBOARD: Coverage of nutrition-specific interventions, by district, 2016

| <25% | 25-<50% | 50-<75% | ≥75% |
|---|---|---|---|

| State/District | | ODISHA | Anugul | Balangir | Baleshwar | Bargarh | Baudh | Bhadrak | Cuttack | Debagarh | Dhenkanal | Gajapati | Ganjam | Jagatsinghapur | Jajapur | Jharsuguda | Kalahandi | Kandhamal | Kendrapara | Kendujhar | Khordha |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pre-pregnancy | Demand for FP satisfied | 66.2 | 64.1 | 69.7 | 53.1 | 68.6 | 60.3 | 47.8 | 57.1 | 49.1 | 67.0 | 77.0 | 68.8 | 59.9 | 65.1 | 73.4 | 68.2 | 67.1 | 67.9 | 52.2 | 63.1 |
| | Iodized salt | 92.7 | 89.5 | 98.5 | 79.8 | 99.1 | 90.4 | 95.9 | 94.6 | 93.3 | 98.3 | 76.8 | 91.3 | 99.1 | 99.3 | 98.3 | 96.2 | 95.3 | 95.4 | 92.0 | 94.3 |
| Pregnancy | Any ANC visits | 94.2 | 98.7 | 99.7 | 93.2 | 99.3 | 98.0 | 89.4 | 95.4 | 93.3 | 98.2 | 88.9 | 94.5 | 98.7 | 86.5 | 98.9 | 92.7 | 95.3 | 95.3 | 80.2 | 95.0 |
| | ≥4ANC | 62.0 | 68.4 | 76.5 | 57.3 | 63.5 | 73.4 | 34.7 | 51.0 | 58.4 | 69.9 | 49.1 | 51.3 | 80.5 | 50.7 | 74.4 | 46.7 | 65.1 | 53.2 | 40.0 | 60.4 |
| | Received MCP card | 92.7 | 96.6 | 98.7 | 84.0 | 98.2 | 98.7 | 88.1 | 94.7 | 91.5 | 96.4 | 84.0 | 90.7 | 95.2 | 93.8 | 96.1 | 94.9 | 93.7 | 90.7 | 87.0 | 90.8 |
| | Received IFA tab/syrup | 90.7 | 92.3 | 96.6 | 87.8 | 92.7 | 93.8 | 84.5 | 89.1 | 97.2 | 92.7 | 89.0 | 81.4 | 92.3 | 94.0 | 95.5 | 90.9 | 93.4 | 86.3 | 91.5 | 88.4 |
| | Consumed IFA 100+ days | 37.4 | 38.3 | 50.1 | 18.3 | 43.5 | 42.6 | 29.0 | 31.3 | 35.2 | 36.9 | 22.7 | 23.8 | 47.0 | 45.0 | 50.2 | 33.4 | 45.8 | 24.5 | 46.5 | 34.5 |
| | Deworming | 31.7 | 39.0 | 36.1 | 15.1 | 27.2 | 42.5 | 14.5 | 30.2 | 38.5 | 37.2 | 20.3 | 17.8 | 47.1 | 36.8 | 34.5 | 22.0 | 37.8 | 20.2 | 26.3 | 27.1 |
| | Weighing | 92.7 | 97.4 | 99.0 | 91.8 | 98.9 | 96.6 | 83.9 | 94.1 | 91.3 | 95.3 | 85.7 | 92.7 | 98.7 | 81.6 | 98.6 | 91.4 | 94.3 | 94.7 | 78.6 | 92.4 |
| | Breastfeeding counselling | 70.7 | 70.7 | 80.6 | 62.1 | 88.9 | 69.5 | 58.9 | 63.8 | 63.6 | 69.8 | 62.8 | 59.4 | 76.9 | 66.1 | 81.5 | 74.1 | 75.7 | 68.0 | 62.3 | 67.8 |
| | Food supplementation | 88.3 | 93.9 | 94.9 | 81.9 | 95.8 | 96.4 | 76.4 | 83.5 | 87.8 | 89.4 | 85.8 | 81.1 | 93.5 | 86.5 | 90.9 | 88.9 | 96.6 | 93.4 | 80.5 | 82.2 |
| | Health & nutrition education | 79.8 | 82.2 | 90.2 | 70.4 | 95.5 | 81.9 | 56.6 | 72.1 | 75.2 | 74.3 | 77.5 | 72.1 | 88.4 | 72.3 | 90.4 | 80.3 | 90.5 | 84.5 | 64.1 | 75.4 |
| | Tetanus injection | 92.1 | 98.3 | 98.4 | 88.4 | 96.7 | 97.7 | 84.8 | 90.5 | 92.4 | 98.2 | 90.2 | 88.4 | 96.3 | 90.7 | 92.6 | 89.1 | 94.6 | 92.7 | 81.0 | 92.0 |
| Delivery & postnatal | Institutional birth | 87.1 | 91.9 | 87.0 | 94.3 | 93.7 | 82.3 | 88.6 | 95.2 | 85.7 | 91.6 | 64.5 | 93.4 | 98.6 | 95.5 | 95.2 | 73.7 | 75.2 | 94.0 | 76.7 | 85.3 |
| | Skilled birth attendant | 87.7 | 93.9 | 91.3 | 87.9 | 92.7 | 87.2 | 86.5 | 94.0 | 87.0 | 94.5 | 70.0 | 93.1 | 96.7 | 94.4 | 93.3 | 76.2 | 78.7 | 95.5 | 75.3 | 83.9 |
| | Postnatal care for mothers | 73.3 | 85.3 | 78.5 | 72.2 | 79.9 | 73.8 | 62.3 | 68.8 | 71.2 | 81.9 | 46.4 | 76.7 | 92.6 | 79.3 | 88.6 | 58.8 | 68.9 | 83.4 | 59.0 | 71.0 |
| | Postnatal care for babies | 29.5 | 38.2 | 39.1 | 28.6 | 28.9 | 33.3 | 18.9 | 14.4 | 24.6 | 35.7 | 20.4 | 21.7 | 46.9 | 39.2 | 31.3 | 10.2 | 37.7 | 28.7 | 28.9 | 12.7 |
| | Food supplementation | 84.0 | 91.9 | 93.7 | 65.2 | 96.5 | 96.3 | 71.6 | 82.3 | 85.6 | 86.7 | 78.8 | 67.7 | 90.1 | 86.2 | 89.6 | 90.6 | 94.1 | 82.9 | 76.5 | 81.1 |
| | Health & nutrition education | 75.5 | 77.3 | 87.1 | 56.5 | 92.9 | 83.6 | 51.5 | 70.2 | 72.7 | 72.8 | 70.5 | 60.3 | 86.1 | 71.8 | 87.8 | 80.9 | 87.4 | 73.3 | 62.0 | 75.8 |
| Early childhood | Full immunization | 78.8 | 88.6 | 92.9 | 80.2 | 81.1 | 95.6 | 88.4 | 79.9 | 68.8 | 88.8 | 47.2 | 54.1 | 85.7 | 91.6 | 80.0 | 88.3 | 75.9 | 78.1 | 77.3 | 72.6 |
| | Vitamin A | 69.3 | 63.9 | 53.6 | 62.3 | 70.1 | 61.4 | 75.7 | 79.9 | 70.2 | 65.8 | 51.3 | 52.7 | 81.9 | 78.9 | 71.6 | 77.5 | 79.3 | 59.6 | 74.9 | 77.8 |
| | Paediatric IFA | 29.0 | 18.2 | 20.4 | 26.8 | 26.9 | 23.7 | 28.4 | 31.8 | 30.6 | 20.2 | 23.8 | 19.4 | 45.1 | 40.7 | 24.5 | 24.6 | 30.3 | 24.5 | 33.9 | 27.8 |
| | Deworming | 28.3 | 24.2 | 29.2 | 30.5 | 20.7 | 33.1 | 23.1 | 27.8 | 34.8 | 25.9 | 16.9 | 17.3 | 38.4 | 37.7 | 22.5 | 21.5 | 33.2 | 23.3 | 30.9 | 22.6 |
| | Care seeking for ARI | 73.5 | 77.3 | 66.3 | 70.0 | 74.1 | 74.2 | 76.9 | 75.3 | 67.2 | 84.0 | 90.0 | 70.5 | 83.6 | 75.3 | 76.2 | 67.9 | 77.5 | 80.1 | 57.1 | 71.5 |
| | ORS during diarrhea | 68.9 | 69.2 | 85.4 | 70.4 | 100 | 71.7 | 71.4 | 76.7 | 65.7 | 73.7 | 66.1 | 78.9 | 74.0 | 63.5 | 64.5 | 95.1 | 75.6 | 65.0 | 57.4 | 59.8 |
| | Zinc during diarrhea | 17.9 | 43.2 | 19.1 | 4.3 | 17.2 | 30.7 | 17.5 | 31.4 | 9.0 | 7.9 | 16.8 | 0.0 | 35.2 | 20.6 | 2.6 | 39.9 | 26.9 | 5.5 | 16.0 | 10.5 |
| | Food supplementation | 88.1 | 91.9 | 95.1 | 84.0 | 95.0 | 97.5 | 84.8 | 87.9 | 88.7 | 87.8 | 87.9 | 78.4 | 96.1 | 89.6 | 89.2 | 92.5 | 96.7 | 94.3 | 80.0 | 80.8 |
| | Weighing | 75.9 | 72.4 | 82.1 | 63.7 | 85.5 | 80.6 | 64.4 | 67.5 | 70.9 | 70.2 | 78.6 | 68.2 | 84.7 | 67.5 | 83.4 | 83.2 | 90.1 | 84.8 | 66.6 | 69.6 |
| | Counselling on child growth | 53.9 | 53.1 | 64.5 | 43.1 | 60.4 | 57.4 | 34.6 | 42.9 | 44.4 | 48.5 | 57.6 | 53.9 | 57.8 | 45.5 | 63.6 | 59.0 | 60.5 | 64.9 | 41.8 | 46.8 |

Source: NFHS-4

# DASHBOARD: Coverage of nutrition-specific interventions, by district, 2016

| <25% | 25-<50% | 50-<75% | ≥75% |
|---|---|---|---|

| State/District | | Koraput | Malkangiri | Mayurbhanj | Nabarangapur | Nayagarh | Nuapada | Puri | Rayagada | Sambalpur | Subarnapur | Sundargarh |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Pre-pregnancy | Demand for FP satisfied | 75.3 | 73.5 | 58.2 | 72.0 | 70.0 | 65.6 | 70.8 | 70.5 | 69.8 | 72.0 | 67.1 |
| | Iodized salt | 89.9 | 91.1 | 78.3 | 87.3 | 90.7 | 98.3 | 99.4 | 80.4 | 96.8 | 98.6 | 97.8 |
| Pregnancy | Any ANC visits | 94.0 | 92.8 | 95.0 | 95.2 | 92.5 | 99.4 | 96.5 | 83.6 | 100 | 97.8 | 96.7 |
| | ≥4ANC | 58.4 | 69.3 | 71.9 | 70.4 | 58.1 | 75.7 | 81.8 | 59.3 | 83.0 | 85.3 | 80.7 |
| | Received MCP card | 93.1 | 91.7 | 90.7 | 89.5 | 97.2 | 97.7 | 94.5 | 91.9 | 97.8 | 98.8 | 92.2 |
| | Received IFA tab/syrup | 88.2 | 90.1 | 94.5 | 90.2 | 87.1 | 94.3 | 93.4 | 91.2 | 93.0 | 95.9 | 95.2 |
| | Consumed IFA 100+ days | 32.3 | 39.9 | 36.1 | 36.3 | 39.0 | 43.7 | 49.0 | 52.5 | 43.9 | 50.3 | 42.7 |
| | Deworming | 33.7 | 34.9 | 39.4 | 42.8 | 34.4 | 33.6 | 53.1 | 41.1 | 34.8 | 45.9 | 35.9 |
| | Weighing | 93.3 | 91.8 | 94.7 | 93.8 | 91.3 | 99.1 | 96.5 | 83.2 | 99.2 | 97.1 | 95.8 |
| | Breastfeeding counselling | 73.4 | 77.9 | 81.6 | 76.2 | 73.0 | 76.8 | 66.5 | 72.0 | 75.4 | 80.1 | 72.5 |
| | Food supplementation | 91.8 | 91.2 | 88.9 | 94.8 | 92.5 | 96.0 | 88.2 | 90.0 | 92.3 | 96.4 | 86.8 |
| | Health & nutrition education | 87.2 | 85.3 | 82.1 | 90.6 | 84.4 | 90.4 | 80.0 | 86.1 | 86.5 | 88.5 | 84.2 |
| | Tetanus injection | 90.2 | 89.3 | 91.5 | 91.2 | 91.0 | 97.9 | 96.1 | 89.8 | 97.7 | 95.7 | 97.1 |
| Delivery & postnatal | Institutional birth | 68.4 | 72.4 | 88.8 | 66.6 | 93.0 | 84.3 | 98.1 | 73.7 | 92.3 | 94.3 | 90.5 |
| | Skilled birth attendant | 73.9 | 79.2 | 89.1 | 71.1 | 93.7 | 86.2 | 97.3 | 81.3 | 92.6 | 95.4 | 90.9 |
| | Postnatal care for mothers | 48.8 | 69.5 | 74.1 | 67.9 | 74.5 | 70.9 | 92.9 | 68.3 | 74.3 | 86.9 | 78.8 |
| | Postnatal care for babies | 18.8 | 39.4 | 34.1 | 35.5 | 34.9 | 35.7 | 36.8 | 38.8 | 27.0 | 46.6 | 41.2 |
| | Food supplementation | 81.3 | 89.4 | 83.6 | 93.2 | 88.3 | 95.8 | 85.9 | 86.2 | 86.1 | 93.5 | 86.4 |
| | Health & nutrition education | 77.1 | 83.7 | 80.0 | 88.3 | 77.7 | 88.4 | 78.5 | 80.5 | 80.9 | 87.8 | 82.4 |
| Early childhood | Full immunization | 67.0 | 76.5 | 72.4 | 72.1 | 85.9 | 83.4 | 88.0 | 71.3 | 75.1 | 90.5 | 85.8 |
| | Vitamin A | 56.1 | 69.9 | 73.7 | 77.8 | 81.5 | 59.5 | 82.9 | 71.8 | 53.7 | 78.2 | 66.4 |
| | Paediatric IFA | 24.2 | 43.5 | 32.2 | 30.3 | 48.7 | 14.9 | 33.8 | 42.7 | 21.1 | 50.6 | 29.4 |
| | Deworming | 20.9 | 40.9 | 33.4 | 28.9 | 43.0 | 27.6 | 33.9 | 38.2 | 17.8 | 50.9 | 32.5 |
| | Care seeking for ARI | 72.0 | 66.7 | 84.7 | 60.1 | 73.1 | 83.8 | 73.9 | 72.2 | 88.2 | 85.4 | 71.7 |
| | ORS during diarrhea | 48.8 | 93.8 | 58.9 | 62.3 | 64.2 | 62.7 | 56.8 | 75.7 | 82.9 | 77.6 | 71.2 |
| | Zinc during diarrhea | 40.7 | 13.8 | 20.0 | 32.5 | 23.4 | 30.8 | 10.9 | 23.1 | 22.9 | 24.9 | 30.3 |
| | Food supplementation | 88.6 | 84.5 | 89.4 | 89.9 | 96.3 | 92.5 | 92.2 | 80.8 | 90.1 | 96.2 | 80.2 |
| | Weighing | 80.6 | 79.7 | 78.8 | 83.6 | 86.0 | 83.8 | 77.4 | 77.4 | 82.5 | 87.3 | 78.6 |
| | Counselling on child growth | 61.9 | 67.9 | 53.6 | 57.6 | 63.2 | 65.6 | 42.5 | 61.1 | 60.1 | 74.5 | 64.7 |

Source: NFHS-4

## Summary of findings

- ***High coverage (≥75%):*** Sustained efforts are required to maintain the high coverage for the following interventions:
  - *Before & during pregnancy*: iodized salt, ANC visits, MCP card, IFA provision, weighing, food supplementation, tetanus toxoid injection.
  - *Delivery & postnatal*: institutional births, skilled birth attendant, food supplementation, health & nutrition education.
  - *Early childhood*: full immunization, food supplementation, weighing.

- ***Low coverage (<50%):*** The state should focus efforts on increasing coverage of the following interventions:
  - *Before & during pregnancy:* consuming 100+ IFA, deworming.
  - *Delivery & postnatal*: postnatal care for babies.
  - *Early childhood*: IFA supplementation, deworming, zinc during diarrhea.

- ***Missed opportunities:*** Coverage of postnatal care is higher for mothers than for babies. Weight monitoring during childhood often does not involve counselling on child growth.

## ANNEX 1 Definition of indicators used in the analyses

| Indicators | Definition |
|---|---|
| **Pre-pregnancy** | |
| Demand for FP satisfied | Percentage of women (15-49 years) who have their need for family planning satisfied with modern methods. |
| Iodized salt | Percentage of households with children under 5 years of age using iodized salt. |
| **Pregnancy** | |
| Any ANC visits | Percentage of women (15-49 years) with children under 5 years of age who were attended by any trained provider ever or at least once, when they were pregnant with their youngest child. |
| ≥ 4ANC | Percentage of women (15-49 years) with children under 5 years of age who were attended by any trained provider 4 or more times, when they were pregnant with their youngest child. |
| Received MCP card | Percentage of women (15-49 years) with children under 5 years of age who received the Mother and Child Protection card after pregnancy registration, when they were pregnant with their youngest child. |
| Received IFA | Percentage of women (15-49 years) with children under 5 years of age who received or bought any IFA tablets/syrup, when they were pregnant with their youngest child. |
| Consumed IFA for 100+ days | Percentage of women (15-49 years) with children under 5 years of age who consumed IFA tablets/syrup for 100 days or more, when they were pregnant with their youngest child. |
| Deworming | Percentage of women (15-49 years) with children under 5 years of age who received any deworming drug, when they were pregnant with their youngest child. |
| Weighing | Percentage of women (15-49 years) with children under 5 years of age who were weighed when they were pregnant with their youngest child. |
| Breastfeeding counselling | Percentage of women (15-49 years) with children under 5 years of age who received advice on breastfeeding from any provider, when they were pregnant with their youngest child. |
| Food supplementation | Percentage of women (15-49 years) with children under 5 years of age who received food supplements from the *anganwadi center* (AWC), when they were pregnant with their youngest child. |
| Health & nutrition education | Percentage of women (15-49 years) with children under 5 years of age who received health and nutrition education from the AWC, when they were pregnant with their youngest child. |
| Tetanus injection | Percentage of women (15-49 years) with children under 5 years of age who received at least 2 TT injections when they were pregnant with their youngest child. |
| **Delivery and postnatal care** | |
| Institutional birth | Percentage of women (15-49 years) with children under 5 years of age who delivered their youngest child in a health facility. |
| Skilled birth attendant | Percentage of women (15-49 years) with children under 5 years of age who were attended by skilled health personnel when they delivered their youngest child. |
| Postnatal care for mothers | Percentage of women (15-49 years) with children under 5 years of age who received postnatal care, while in facility or at home, two days after they delivered their youngest child. |
| Postnatal care for babies | Percentage of last-born children (0-59 months) in the last 5 years, who received postnatal care within two days after they were born. |
| Food supplementation | Percentage of women (15-49 years) with children under 5 years of age who received food supplements from the AWC, when they were breastfeeding their youngest child. |
| Health & nutrition education | Percentage of women (15-49 years) with children under 5 years of age who received health and nutrition education from the AWC, when they were breastfeeding their youngest child. |
| **Early childhood** | |
| Full immunization | Percentage of last-born children (12-23 months) in the last 5 years who received one dose of BCG vaccine, three doses of polio vaccine, three doses of DTP3 vaccine, and one dose of measles vaccine. |
| Vitamin A | Percentage of last-born children (6-59 months) in the last 5 years, who received vitamin A supplements in the six months preceding the survey. |
| Pediatric IFA | Percentage of last-born children (6-59 months) in the last 5 years, who received iron supplements in the last 7 days prior to the survey. |
| Deworming | Percentage of last-born children (12-59 months) in the last 5 years, who received albendazole or any other deworming drug in the last 6 months prior to the survey. |
| Care seeking for ARI | Percentage of last-born children (0-59 months) in the last 5 years, with suspected ARI symptoms in the last two weeks, who were taken to a health care provider. |
| ORS during diarrhea | Percentage of last-born children (0-59 months) in the last 5 years, with diarrhea in the last two weeks, who received ORS. |
| Zinc during diarrhea | Percentage of last-born children (2-59 months) in the last 5 years, with diarrhea in the last two weeks who received zinc. |
| Food supplementation | Percentage of last-born children (6-35 months) in the last 5 years, who received food supplements from the AWC in the last 12 months prior to the survey. |
| Weighing | Percentage of last-born children (0-59 months) in the last 5 years, who were ever weighed in the last 12 months. |
| Counselling on child growth | Percentage of women (15-49 years) with children under 5 years of age, who were counselled about their youngest child's growth after they were weighed in the last 12 months prior to the survey. |

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### ABOUT POSHAN

Partnerships and Opportunities to Strengthen and Harmonize Actions for Nutrition in India (POSHAN) is a multi-year initiative that aims to support the use of data and evidence in decision-making for nutrition in India. It is supported by the Bill & Melinda Gates Foundation and led by IFPRI in India.

### ABOUT DATA NOTES

POSHAN Data Notes focus on data visualization to highlight geographic and/or thematic issues related to nutrition in India. They draw on multiple sources of publically available data.

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