

Coverage of Nutrition and Health Interventions in INDIA

Insights from the National Family Health Surveys

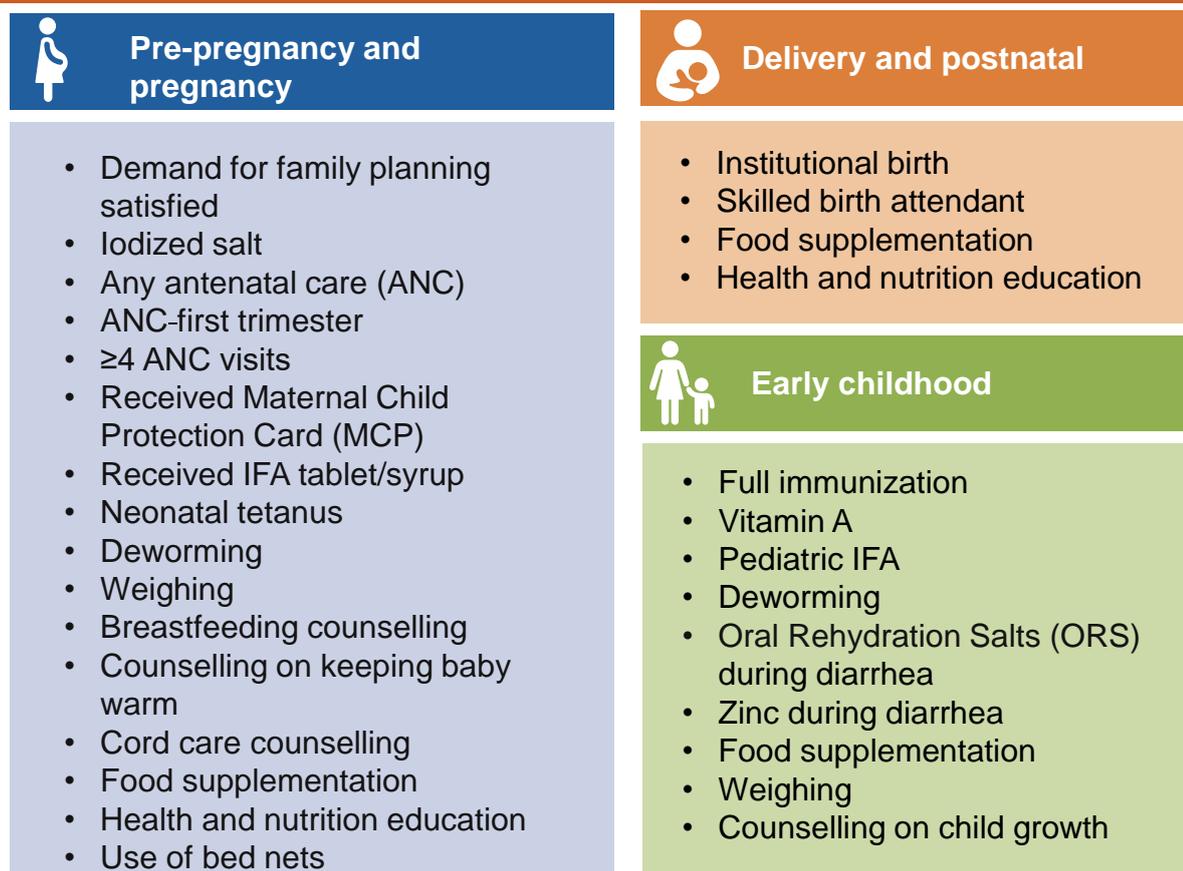
ABOUT THIS DATA NOTE

Nutrition-specific interventions are aimed at improving the food, health, and care environment for women and children during the first 1000 days. 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 wasting¹.

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 deliver these interventions across the country. India's efforts at scaling up nutrition interventions are now also bolstered by the National Nutrition Mission.

This Data Note describes the coverage of key nutrition and health interventions for which data are available in the National Family Health Surveys for 2015-2016 and 2019-2021. To examine coverage of interventions, indicators were created based on global definitions and making adaptations to Indian policy context where necessary. Data on women of reproductive age (15-49 years) with a child below five years of age from the most recent birth was used to compute these indicators. Indicator definitions are provided in Annex 1 of this Note.

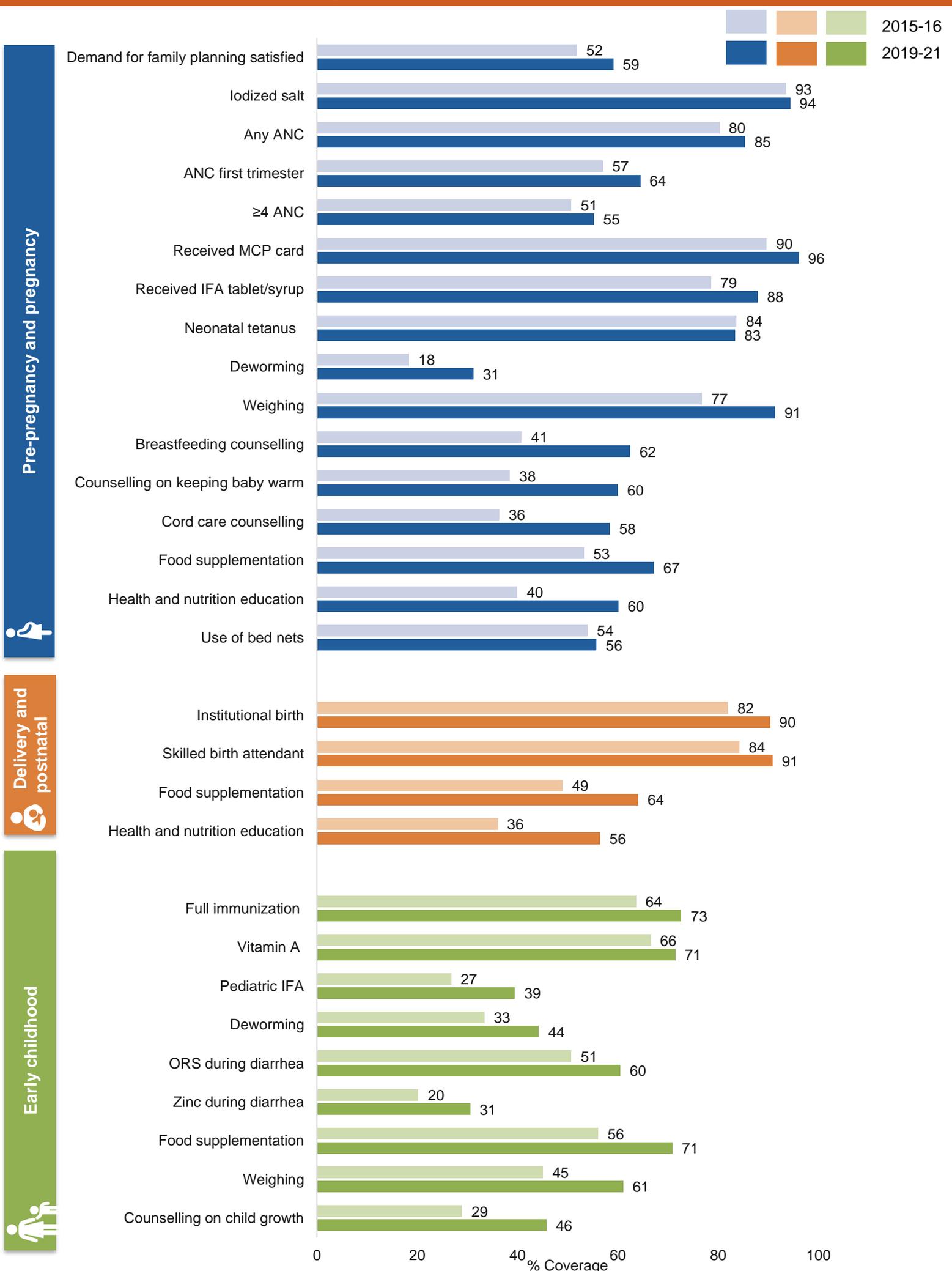
Figure 1: Interventions across the continuum of care



Adapted from Menon et al. 2020. Tracking India's Progress on Addressing Malnutrition and Enhancing the Use of Data to Improve Programs

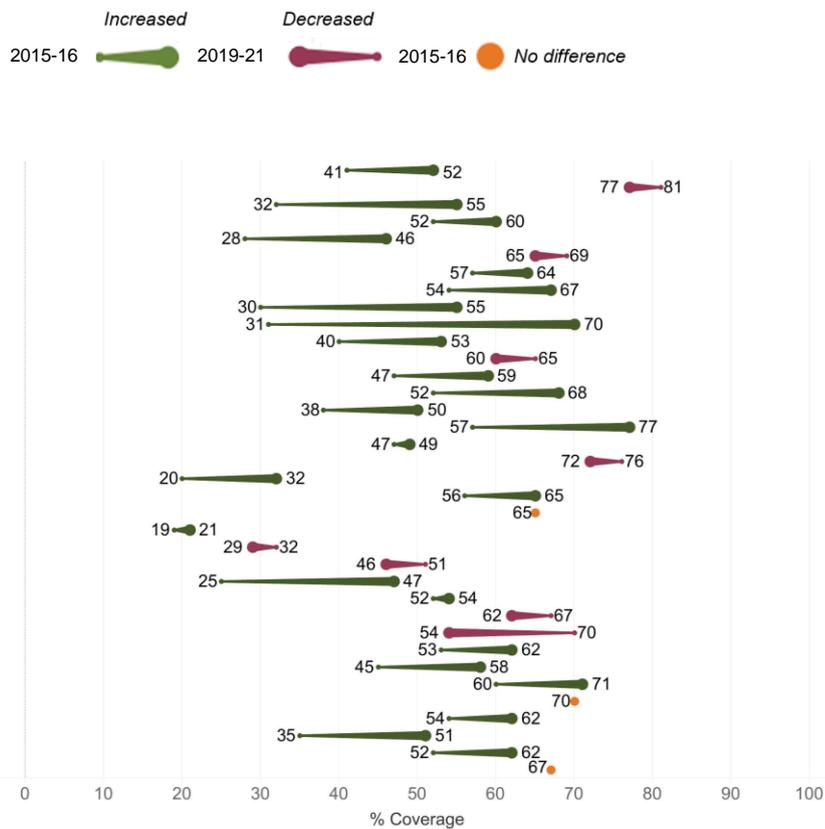
¹Bhutta et al. 2013 Evidence-based interventions for improvement of maternal and child nutrition: what can be done and at what cost?

Figure 2: National trends in coverage of interventions across continuum of care, 2015-16 and 2019-21



Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 ANC: Antenatal care; MCP: Mother child protection; IFA: Iron folic acid; ORS: Oral rehydration salts

Figure 3: State trends in coverage of demand for family planning satisfied, 2015-16 and 2019-21



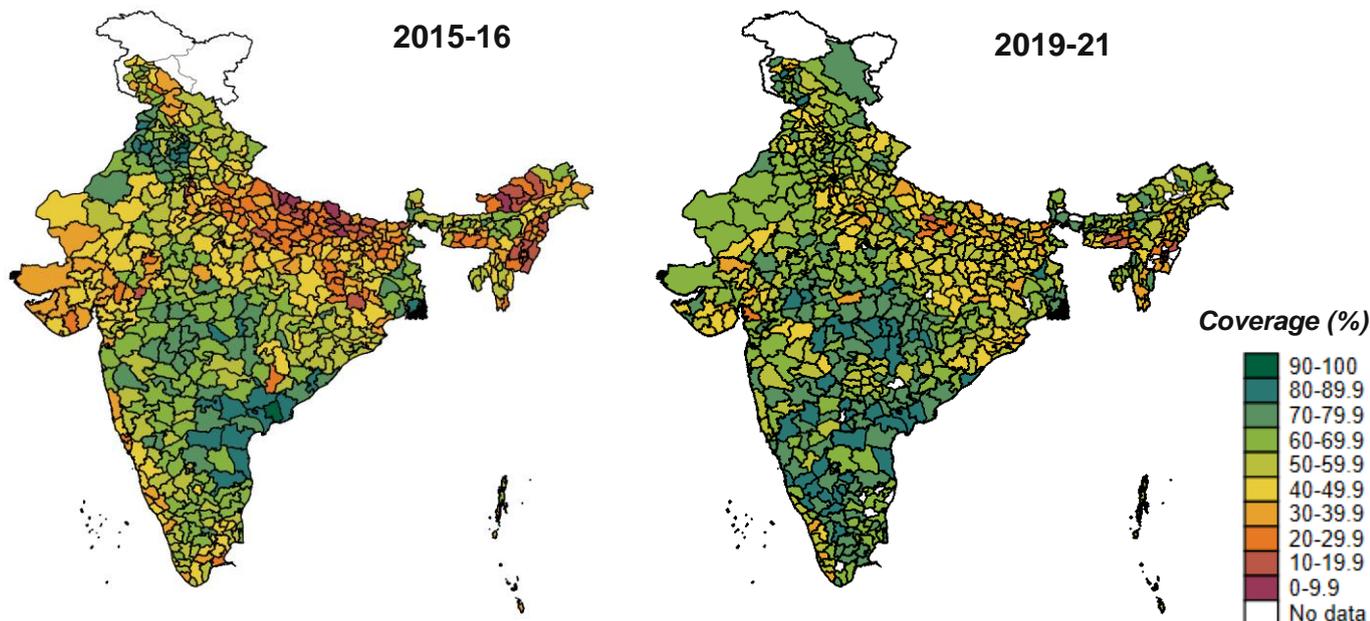
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Goa	+39
Dadra & Nagar Haveli And Daman & Diu	+25
Arunachal Pradesh	+23
Nagaland	+22
Karnataka	+20

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Punjab	-16
Puducherry	-5
Haryana	-5
Mizoram	-5
Meghalaya	-3

Map 1: Coverage of demand for family planning satisfied, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
East Kameng (AR)	+61
Jhabua (MP)	+57
Fatehpur (UP)	+56
Lower Subansiri (AR)	+51
Kannauj (UP)	+51

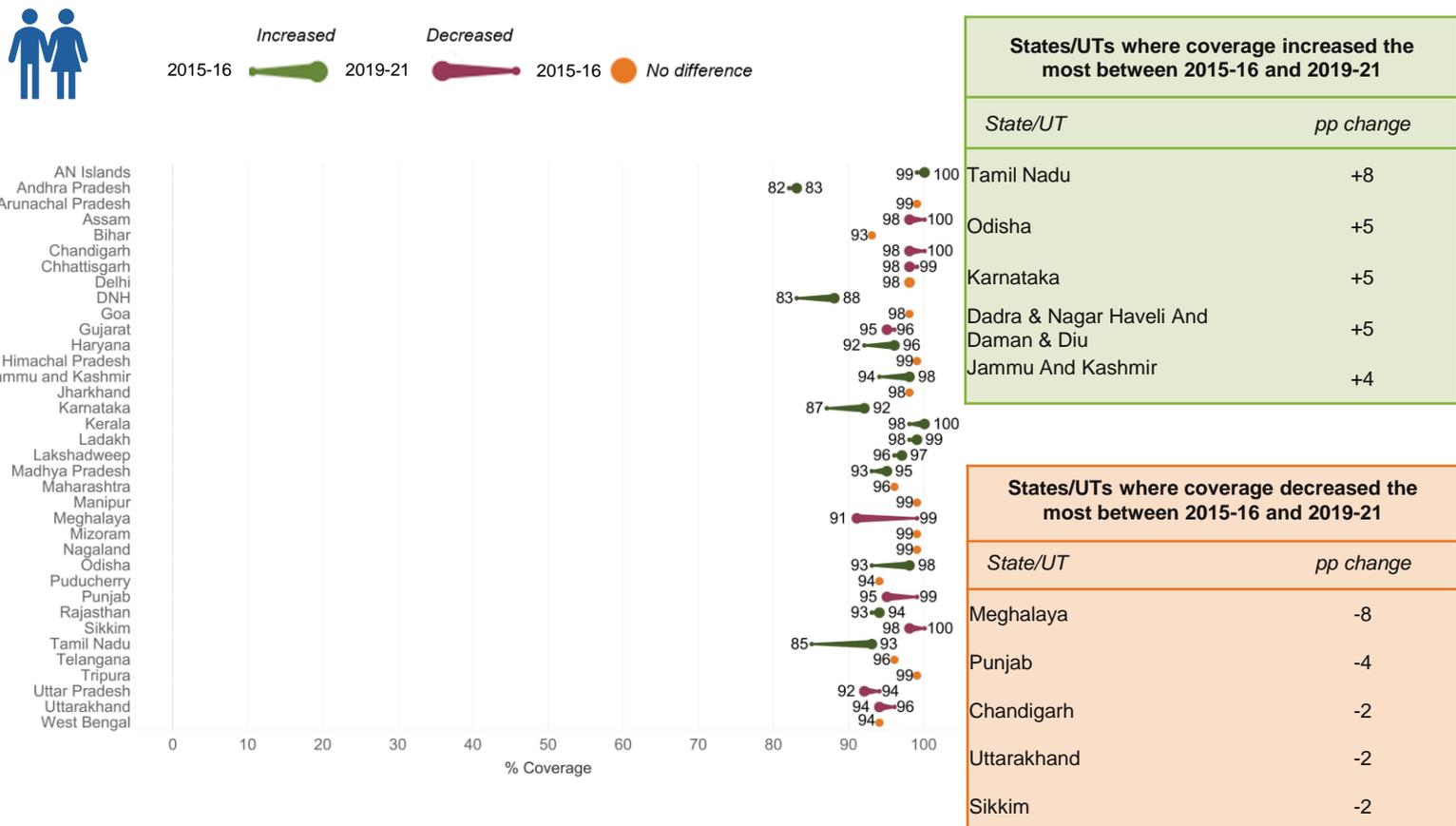
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Bathinda (PN)	-42
Faridkot (PN)	-31
Kapurthala (PN)	-31
Parbhani (MH)	-30
Hoshangabad (MP)	-30



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 4: State trends in coverage of iodized salt, 2015-16 and 2019-21



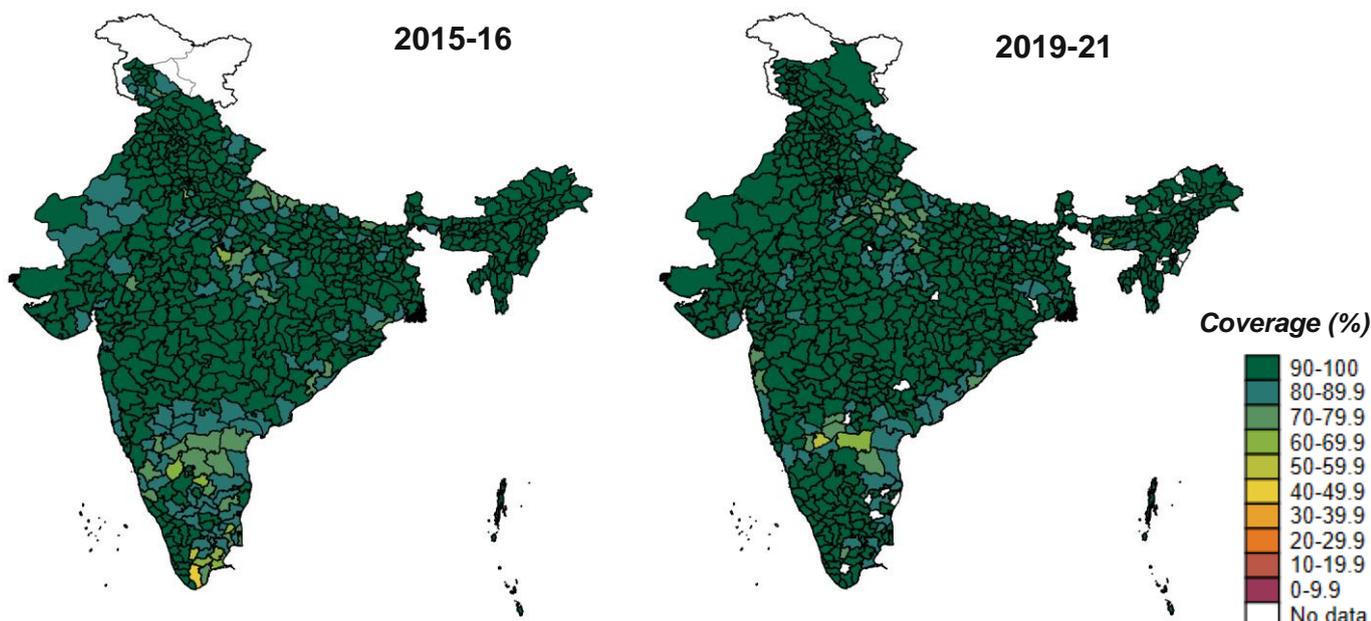
Map 2: Coverage of iodized salt, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21

District (state)	pp change
Tirunelveli (TN)	+43
Chikkaballapura (KA)	+30
Sivaganga (TN)	+29
Virudhunagar (TN)	+28
Tikamgarh (MP)	+27

Districts where coverage decreased the most between 2015-16 and 2019-21

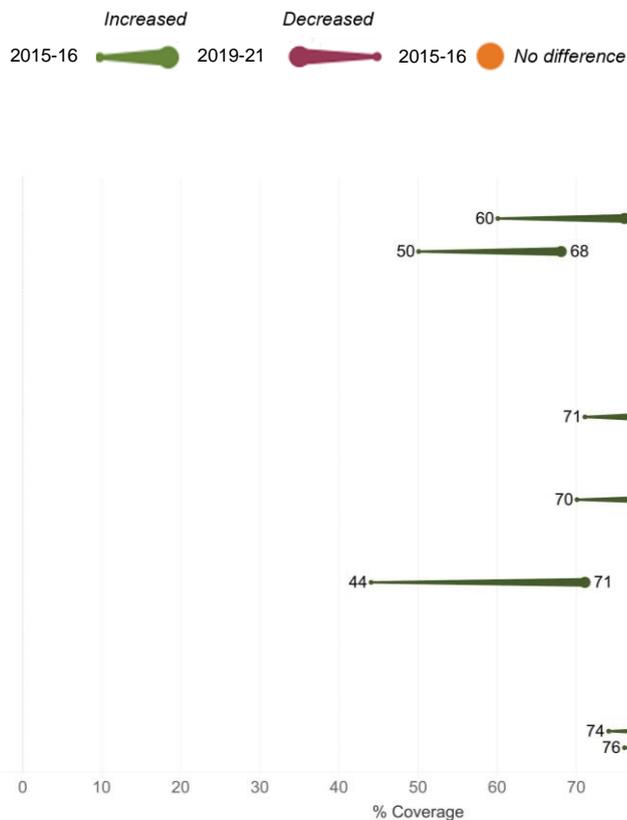
District (state)	pp change
Koppal (KA)	-36
Unnao (UP)	-22
Mainpuri (UP)	-22
Etah (UP)	-21
Bara Banki (UP)	-21



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 5: State trends in coverage of any ANC, 2015-16 and 2019-21



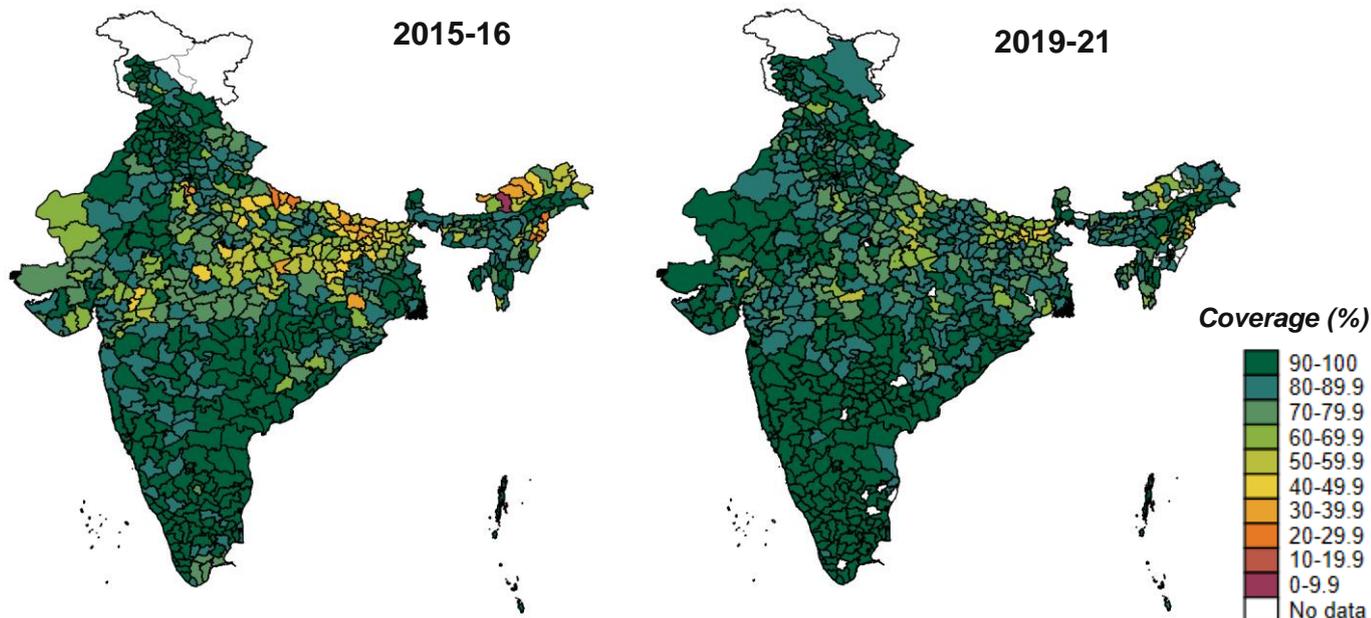
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Nagaland	+27
Bihar	+18
Arunachal Pradesh	+16
Dadra & Nagar Haveli And Daman & Diu	+14
Uttarakhand	+11

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Sikkim	-10
Tripura	-9
Punjab	-9
Chhattisgarh	-6
Himachal Pradesh	-5

Map 3: Coverage of any ANC, by district, 2015-16 and 2019-21

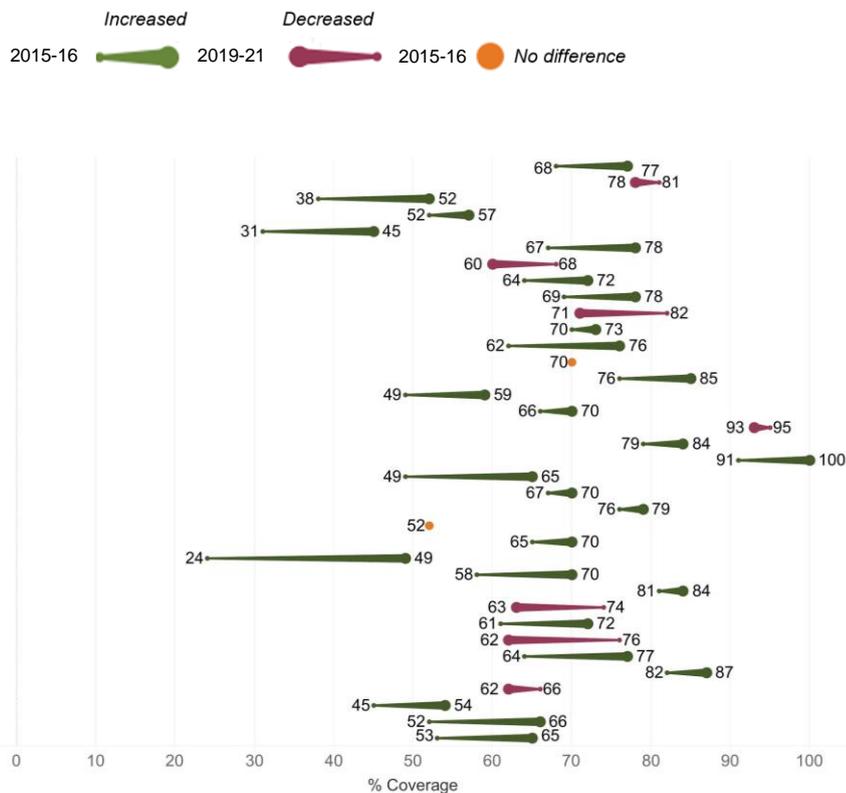
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
East Kameng (AR)	+67
Tawang (AR)	+56
Tikamgarh (MP)	+53
Vidisha (MP)	+48
Longleng (NL)	+47

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Kangra (HP)	-30
Ambala (HR)	-27
Chitrakoot (UP)	-22
Hoshangabad (MP)	-21
Bathinda (PN)	-20



pp: percentage point. ANC: Antenatal care. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]. Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 6: State trends in coverage of ANC in the first trimester, 2015-16 and 2019-21



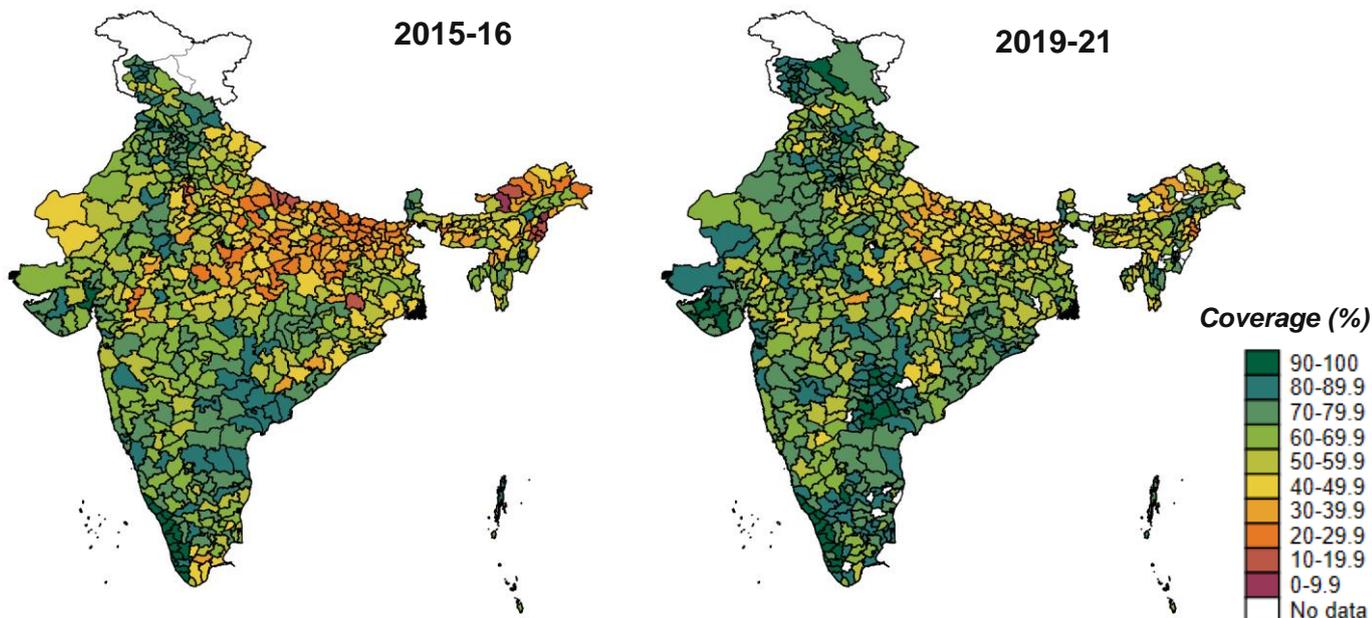
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Nagaland	+25
Madhya Pradesh	+16
Arunachal Pradesh	+14
Haryana	+14
Bihar	+14

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Sikkim	-14
Goa	-11
Punjab	-11
Chhattisgarh	-8
Tripura	-4

Map 4: Coverage of ANC in the first trimester, by district, 2015-16 and 2019-21

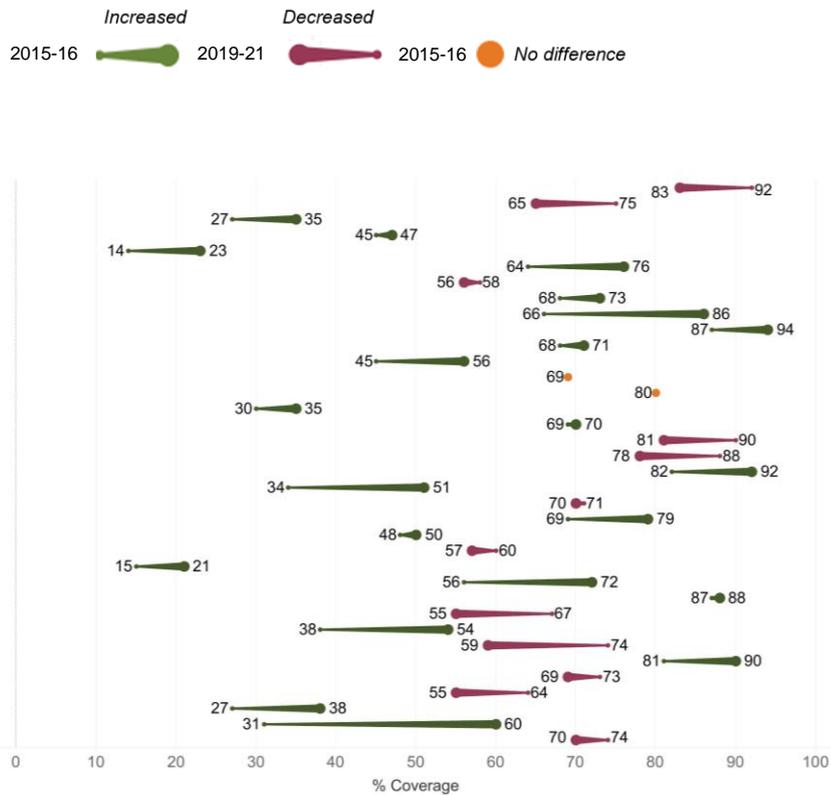
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Jhabua (MP)	+59
Vidisha (MP)	+54
Tikamgarh (MP)	+54
Mewat (HR)	+49
Tawang (AR)	+49

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Bathinda (PN)	-36
Kangra (HP)	-28
Kapurthala (PN)	-29
Mahesana (GL)	-27
Sangrur (PN)	-27



pp: percentage point. ANC: Antenatal care. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]. Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 7: State trends in coverage of ≥ 4 ANC, 2015-16 and 2019-21



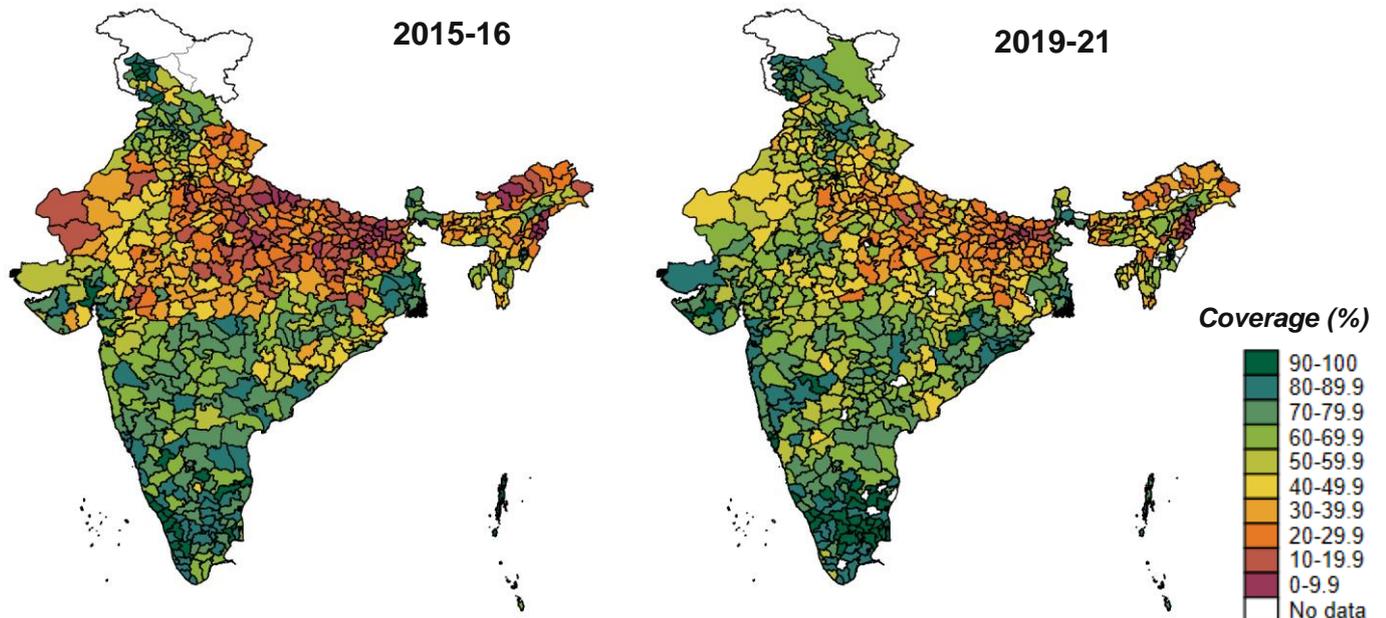
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Uttarakhand	+29
Dadra & Nagar Haveli And Daman & Diu	+20
Madhya Pradesh	+17
Odisha	+16
Rajasthan	+16

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Sikkim	-15
Punjab	-12
Andhra Pradesh	-10
Ladakh	-10
Tripura	-9

Map 5: Coverage of ≥ 4 ANC, by district, 2015-16 and 2019-21

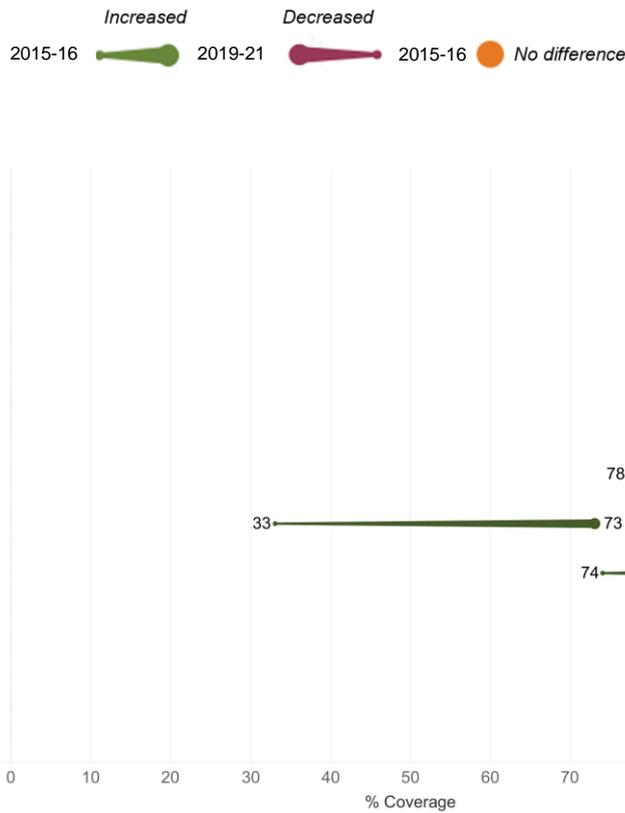
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Rudraprayag (UK)	+59
Amreli (GL)	+51
Chittaurgarh (RJ)	+50
Tikamgarh (MP)	+48
Barmer (RJ)	+47

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Kathua (JK)	-60
Sangrur (PN)	-41
Faridkot (PN)	-37
Parbhani (MH)	-33
Gulbarga (KA)	-32



pp: percentage point. ANC: Antenatal care. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]. Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 8: State trends in coverage of receipt of MCP card, 2015-16 and 2019-21



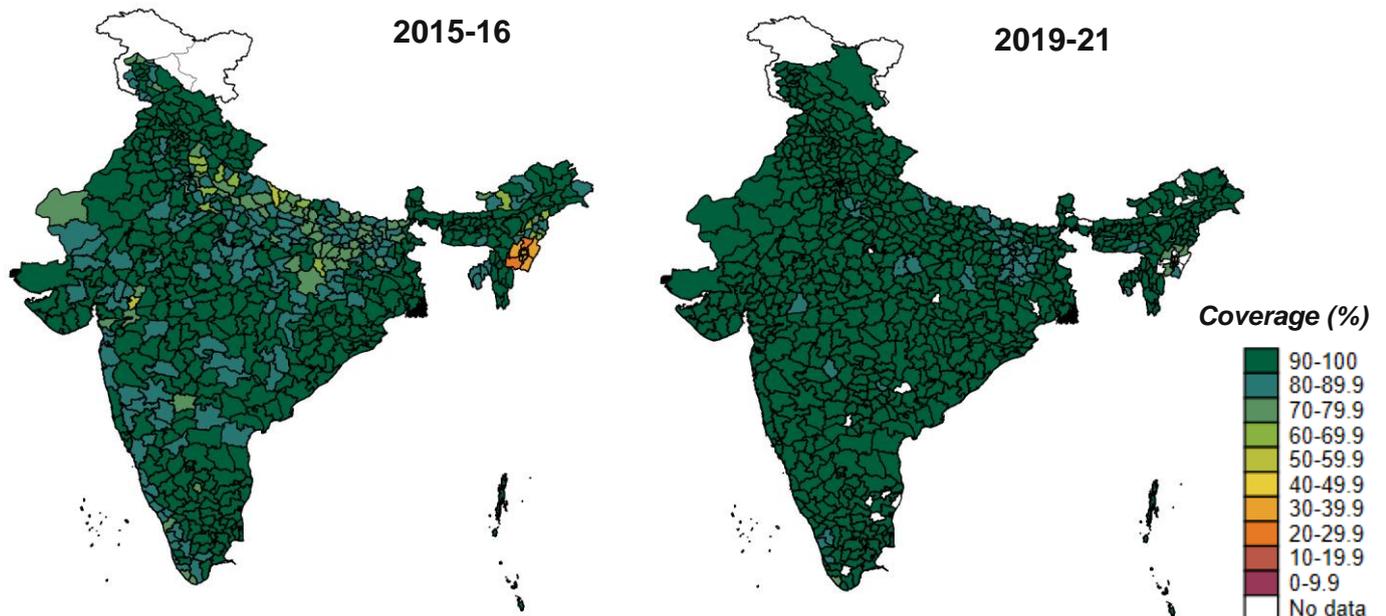
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Manipur	+40
Nagaland	+18
Uttar Pradesh	+16
Dadra & Nagar Haveli And Daman & Diu	+11
Tripura	+10

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Lakshadweep	-19
Sikkim	-4
Mizoram	-1
Meghalaya	-1

Map 6: Coverage of receipt of MCP card, by district, 2015-16 and 2019-21

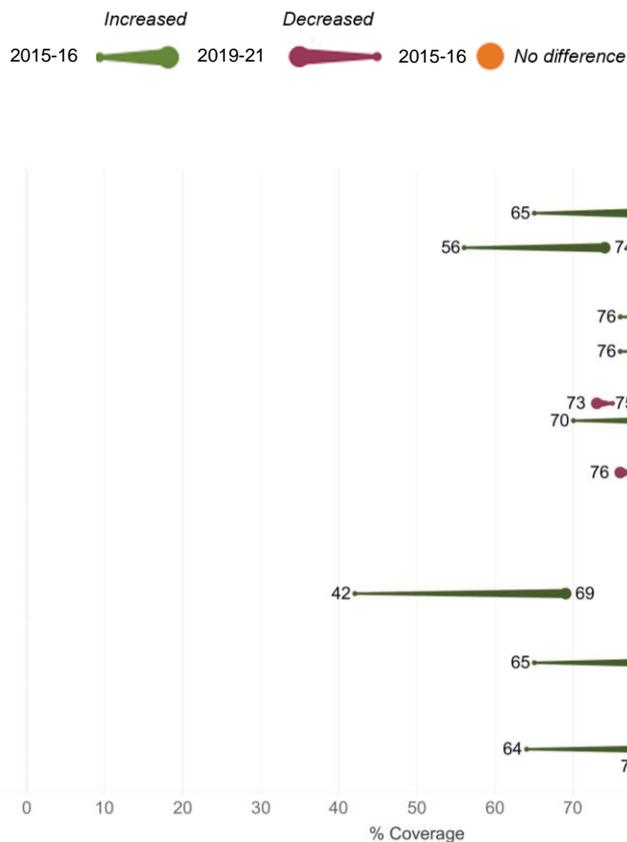
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Thoubal (MN)	+59
Churachandpur (MN)	+55
Chandel (MN)	+49
Ukhrul (MN)	+48
Senapati (MN)	+47

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Lakshadweep (LA)	-19
Dhar (MP)	-12
Hazaribagh (JH)	-7
East District (SK)	-7
Faridkot (PN)	-6



pp: percentage point. MCP: Mother child protection. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]. Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 9: State trends in coverage of receipt of IFA tablets/syrup, 2015-16 and 2019-21



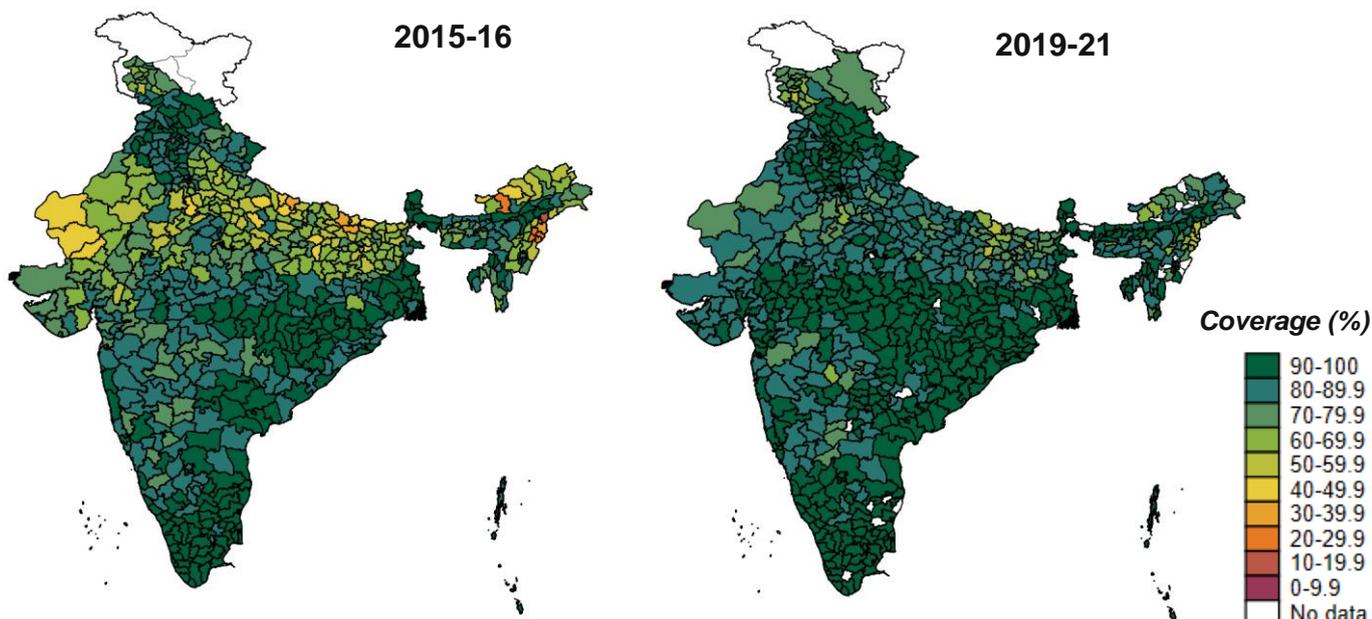
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Nagaland	+27
Uttar Pradesh	+21
Bihar	+18
Rajasthan	+17
Dadra & Nagar Haveli And Daman & Diu	+14

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Sikkim	-3
Jammu And Kashmir	-2
Ladakh	-2

Map 7: Coverage of receipt of IFA tablets/syrup, by district, 2015-16 and 2019-21

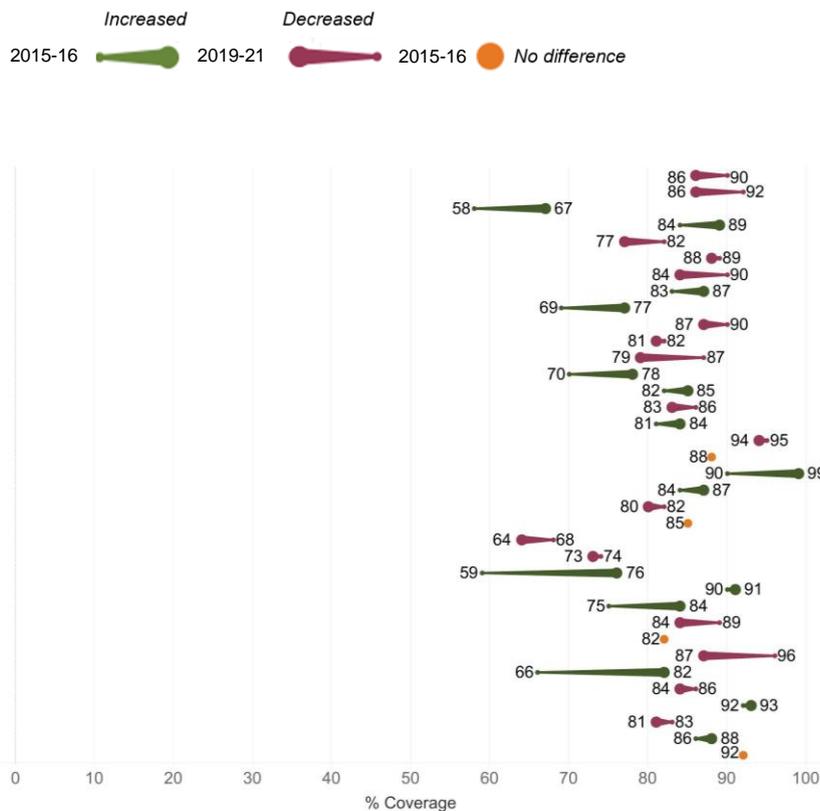
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Balrampur (UP)	+50
Longleng (NL)	+48
Zunheboto (NL)	+45
Barmer (RJ)	+41
Gonda (UP)	+40

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Udhampur (JK)	-21
Parbhani (MH)	-19
Kathua (JK)	-16
Mumbai Suburban (MH)	-11
South Garo Hills (ML)	-11



pp: percentage point. IFA: Iron folic acid. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]. Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 10: State trends in coverage of protection against neonatal tetanus, 2015-16 and 2019-21



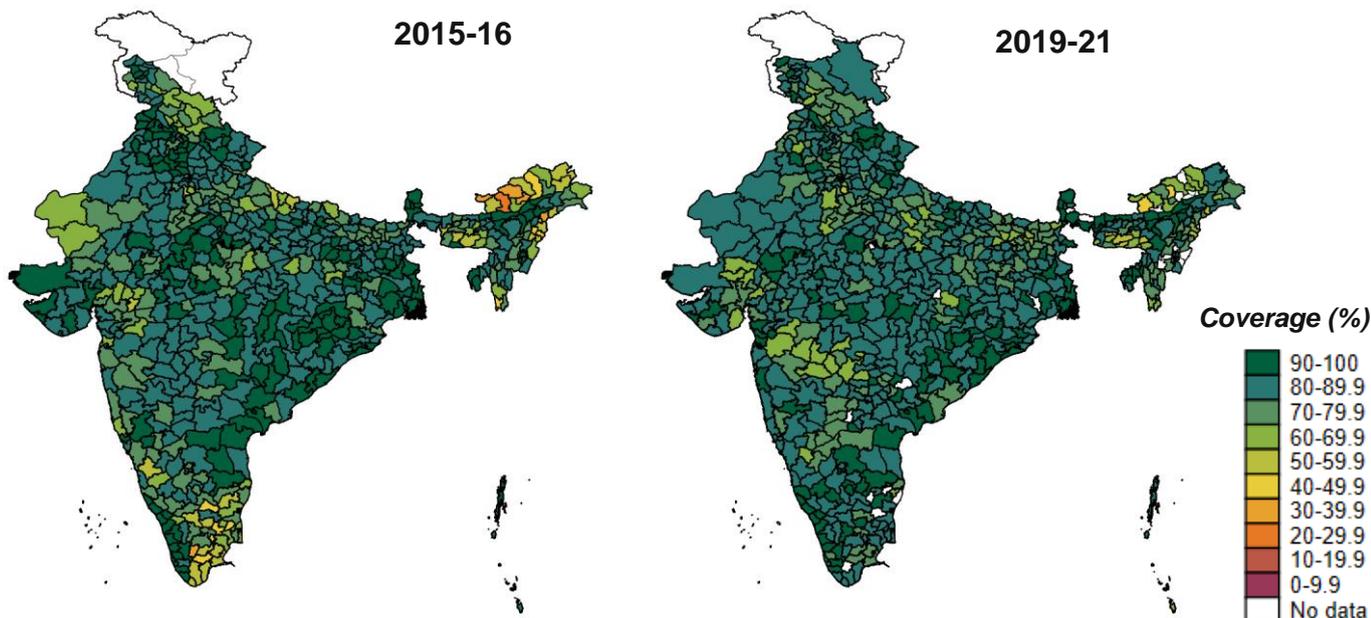
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Nagaland	+17
Tamil Nadu	+16
Arunachal Pradesh	+9
Lakshadweep	+9
Puducherry	+9

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Sikkim	-9
Haryana	-8
Chhattisgarh	-6
Andhra Pradesh	-6
Punjab	-5

Map 8: Coverage of protection against neonatal tetanus, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Theni (TN)	+53
Lower Subansiri (AR)	+43
Mon (NL)	+40
Dharmapuri (TN)	+40
Tiruvannamalai (TN)	+39

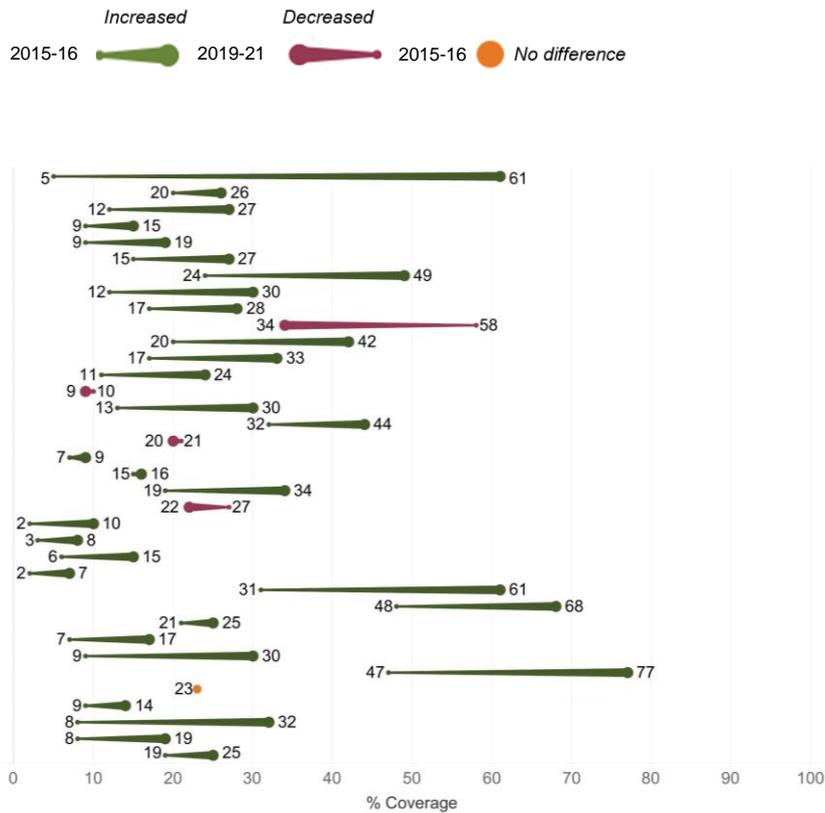
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Chitrakoot (UP)	-26
Kottayam (KL)	-23
South Garo Hills (ML)	-22
Patna (BR)	-22
Jind (HR)	-22



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 11: State trends in coverage of deworming, 2015-16 and 2019-21



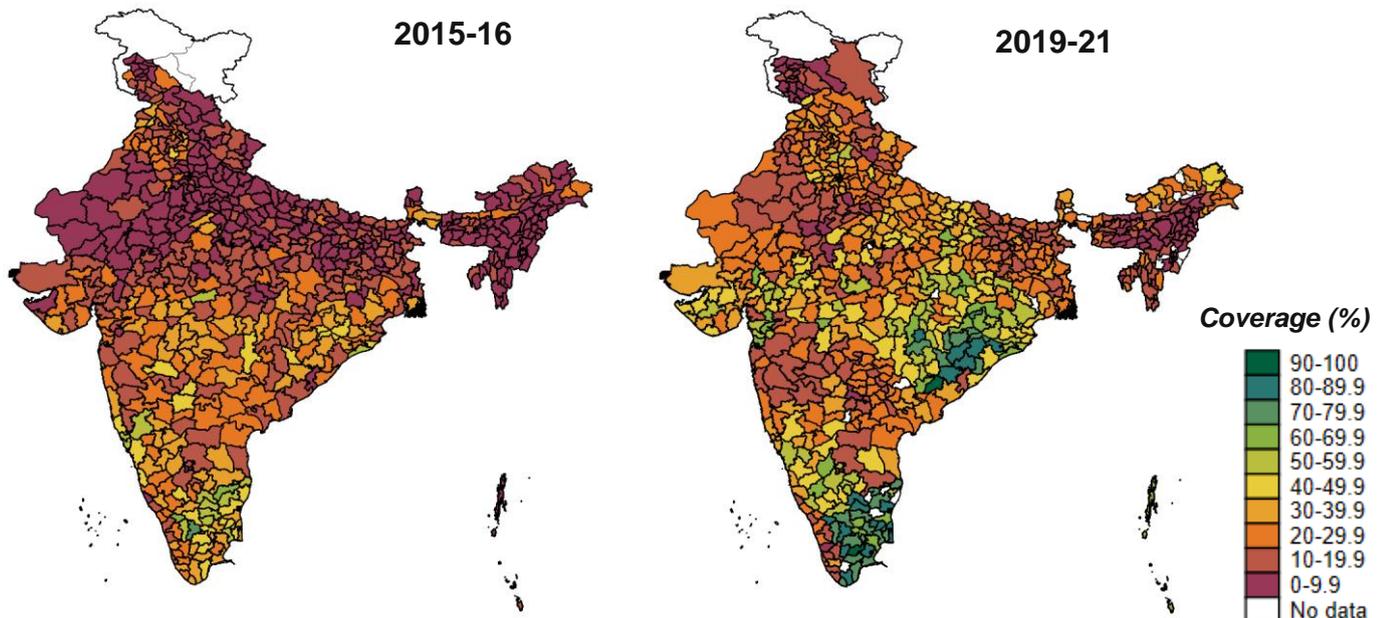
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Andaman And Nicobar Islands	+56
Tamil Nadu	+30
Odisha	+30
Chhattisgarh	+25
Uttar Pradesh	+24

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Goa	-24
Maharashtra	-5
Kerala	-1
Jammu And Kashmir	-1

Map 9: Coverage of deworming, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
North & Middle Andaman (AN)	+65
Kalahandi (OD)	+60
Sivaganga (TN)	+58
Uttar Bastar Kanker (CG)	+57
Malkangiri (OD)	+56

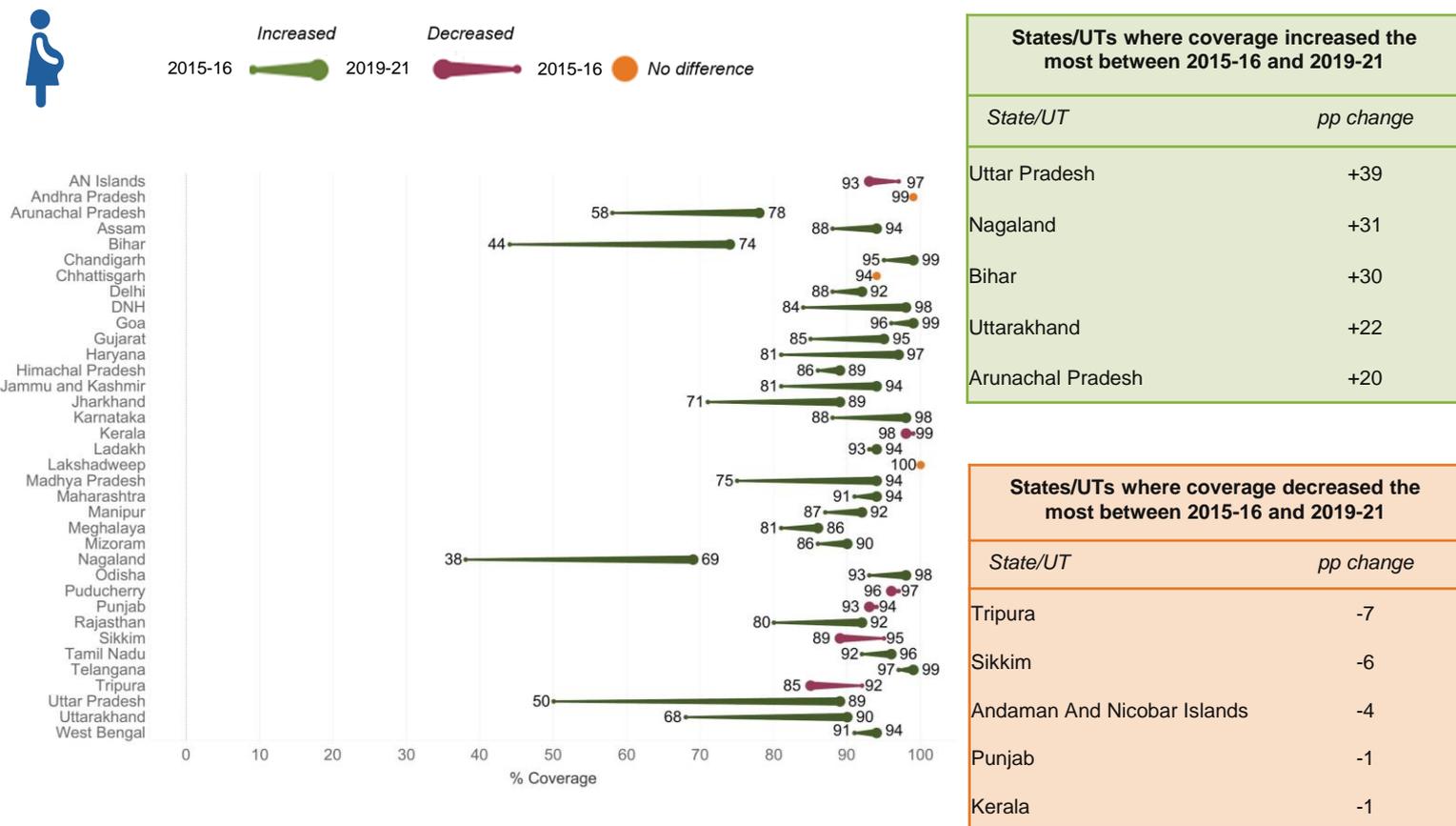
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Mahe (PD)	-35
Hoshangabad (MP)	-28
North Goa (GA)	-25
Mumbai (MH)	-24
Ernakulam (KL)	-24



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 12: State trends in coverage of weighing, 2015-16 and 2019-21



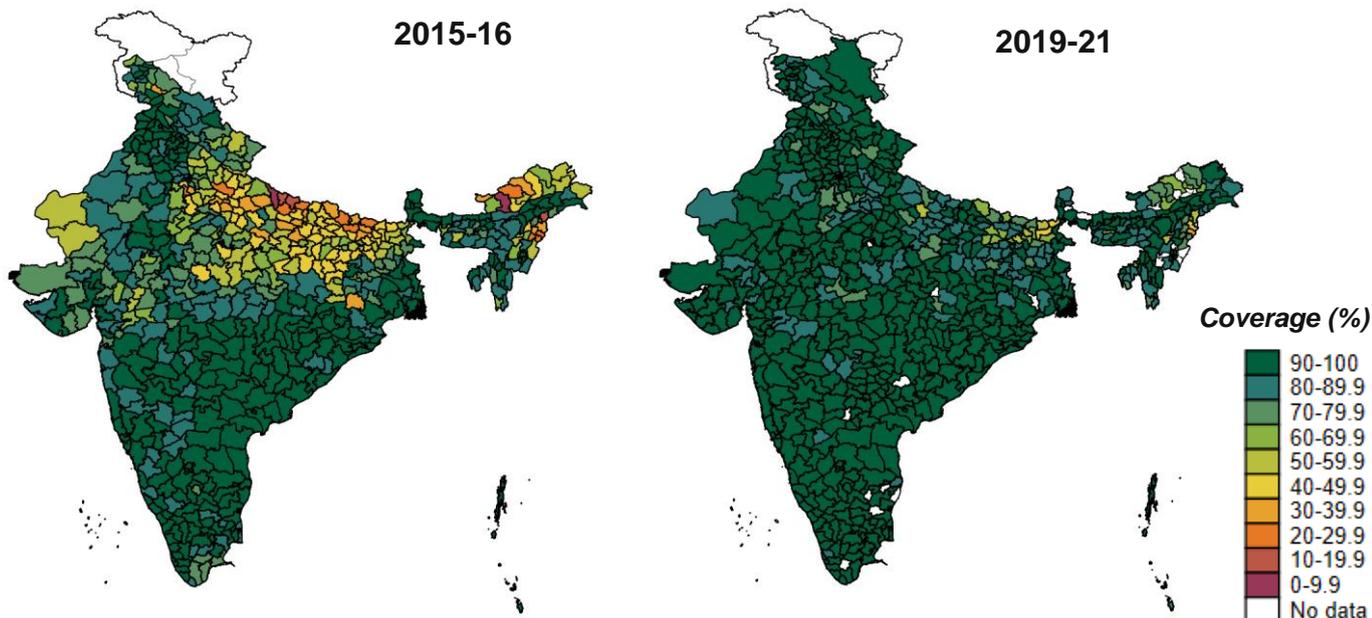
Map 10: Coverage of weighing, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21

District (state)	pp change
Shrawasti (UP)	+81
Balrampur (UP)	+73
East Kameng (AR)	+69
Bahraich (UP)	+68
Siddharthnagar (UP)	+64

Districts where coverage decreased the most between 2015-16 and 2019-21

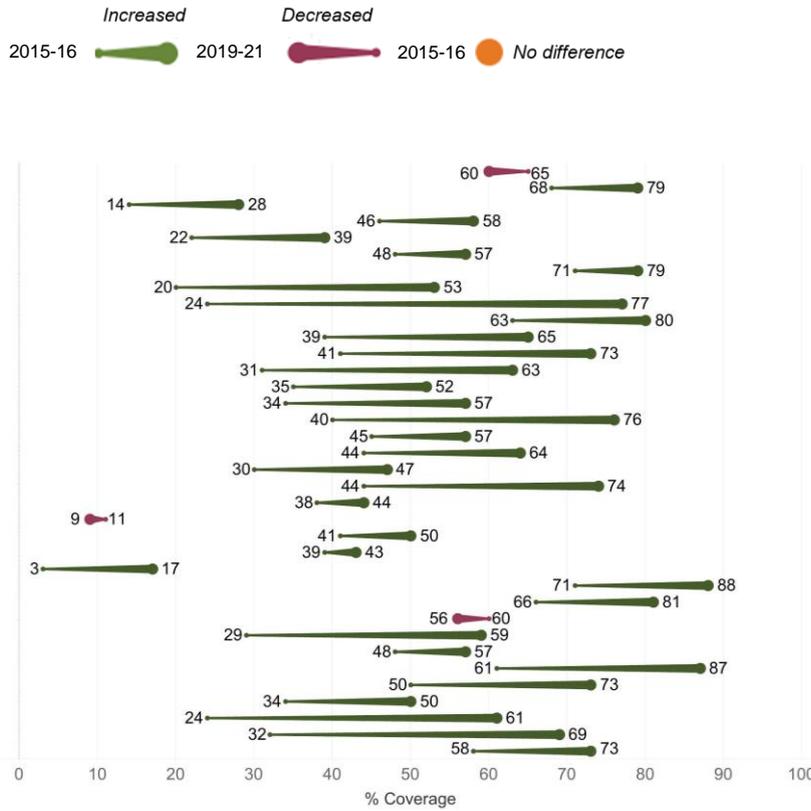
District (state)	pp change
Kangra (HP)	-20
Bathinda (PN)	-16
Hoshangabad (MP)	-16
Hamirpur (HP)	-15
Paschim Medinipur (WB)	-13



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 13: State trends in coverage of breastfeeding counselling, 2015-16 and 2019-21



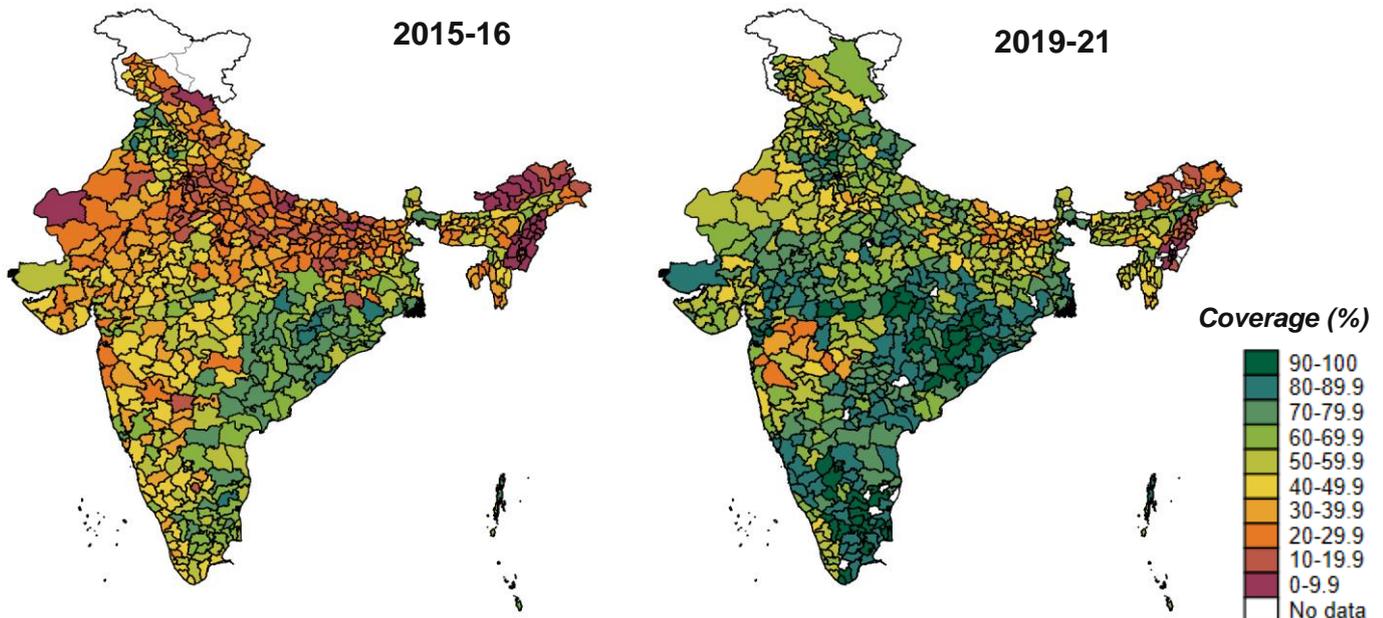
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Dadra & Nagar Haveli And Daman & Diu	+53
Uttarakhand	+37
Uttar Pradesh	+37
Karnataka	+36
Delhi	+33

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Andaman And Nicobar Islands	-5
Punjab	-4
Manipur	-2

Map 11: Coverage of breastfeeding counselling, by district, 2015-16 and 2019-21

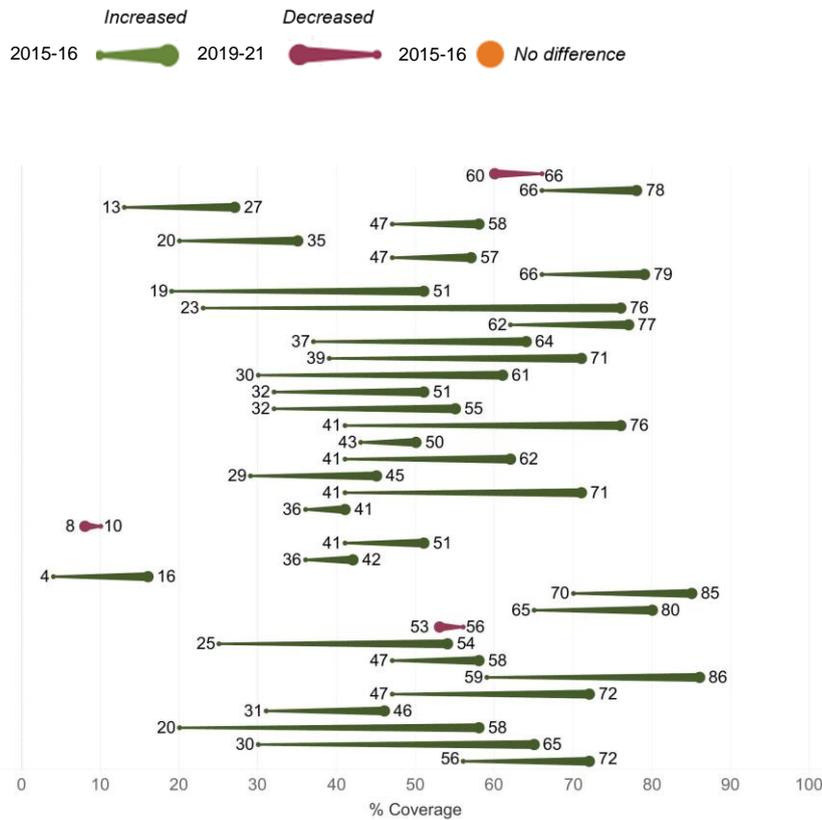
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Palwal (HR)	+64
Kanpur Nagar (UP)	+62
Sirmaur (HP)	+61
Shrawasti (UP)	+59
Balrampur (UP)	+59

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Tarn Taran (PN)	-34
Dhule (MH)	-25
Muktsar (PN)	-22
Korba (CG)	-21
Kaithal (HR)	-19



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 14: State trends in coverage of counselling on keeping baby warm, 2015-16 and 2019-21



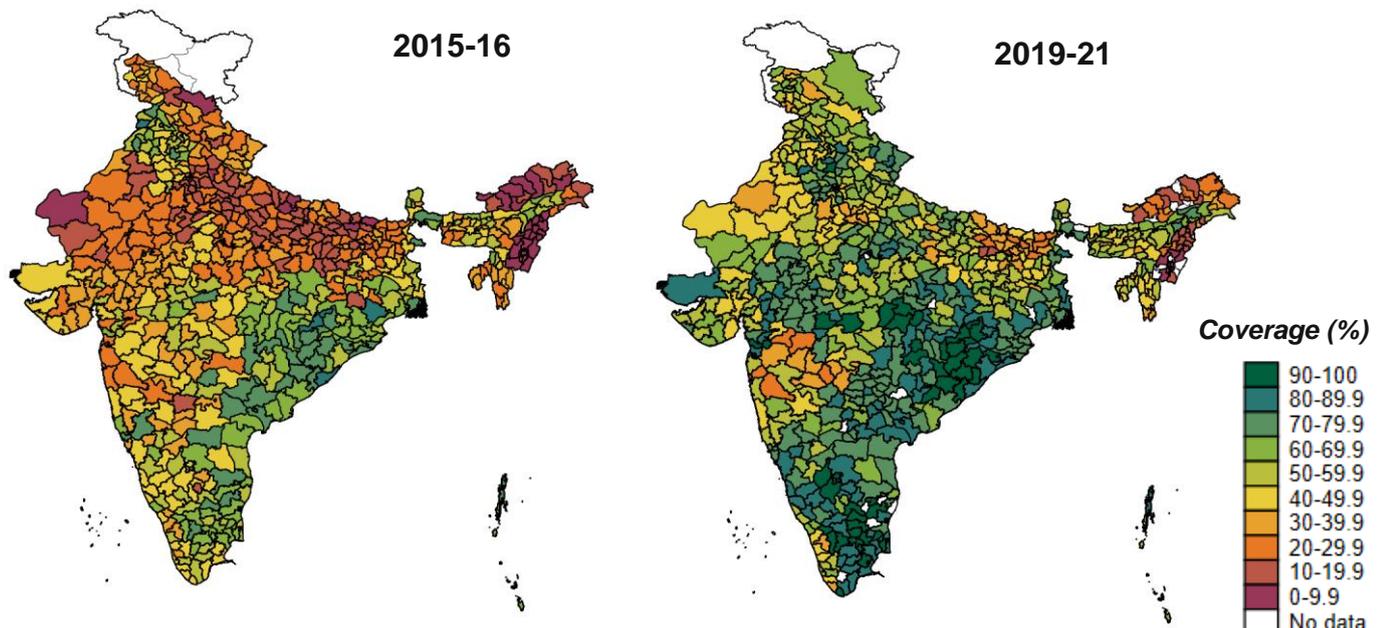
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Dadra & Nagar Haveli And Daman & Diu	+53
Uttar Pradesh	+38
Karnataka	+35
Uttarakhand	+35
Delhi	+32

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Andaman And Nicobar Islands	-6
Punjab	-3
Manipur	-2

Map 12: Coverage of counselling on keeping baby warm, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Kanpur Nagar (UP)	+64
Sirmaur (HP)	+61
Kannauj (UP)	+61
Kaushambi (UP)	+60
Balrampur (UP)	+60

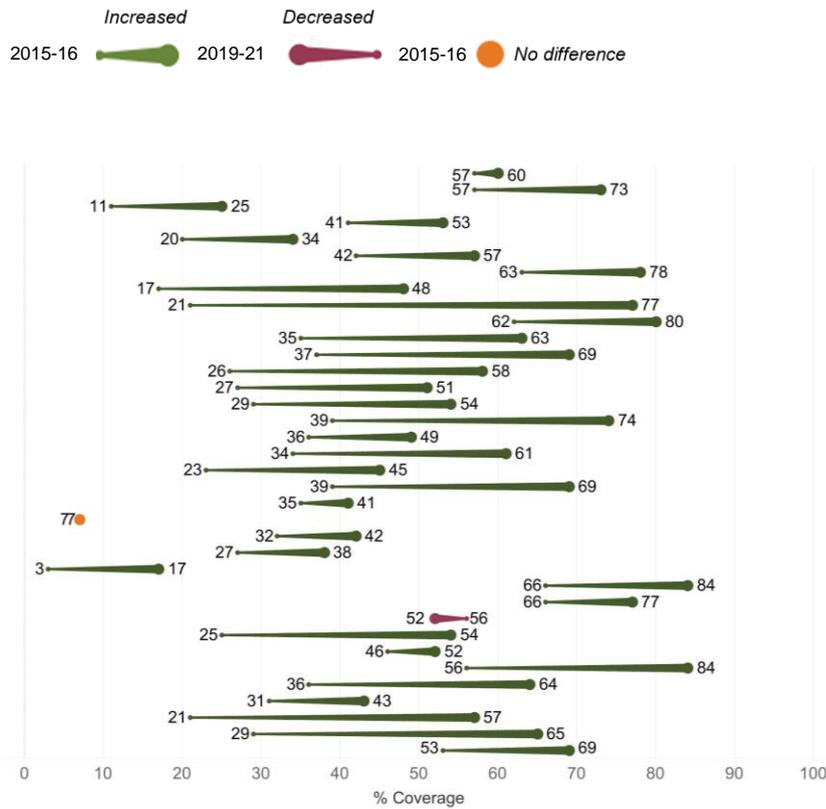
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Tarn Taran (PN)	-32
Dhule (MH)	-24
Korba (CG)	-22
Muktsar (PN)	-22
Sangrur (PN)	-18



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 15: State trends in coverage of cord care counselling, 2015-16 and 2019-21



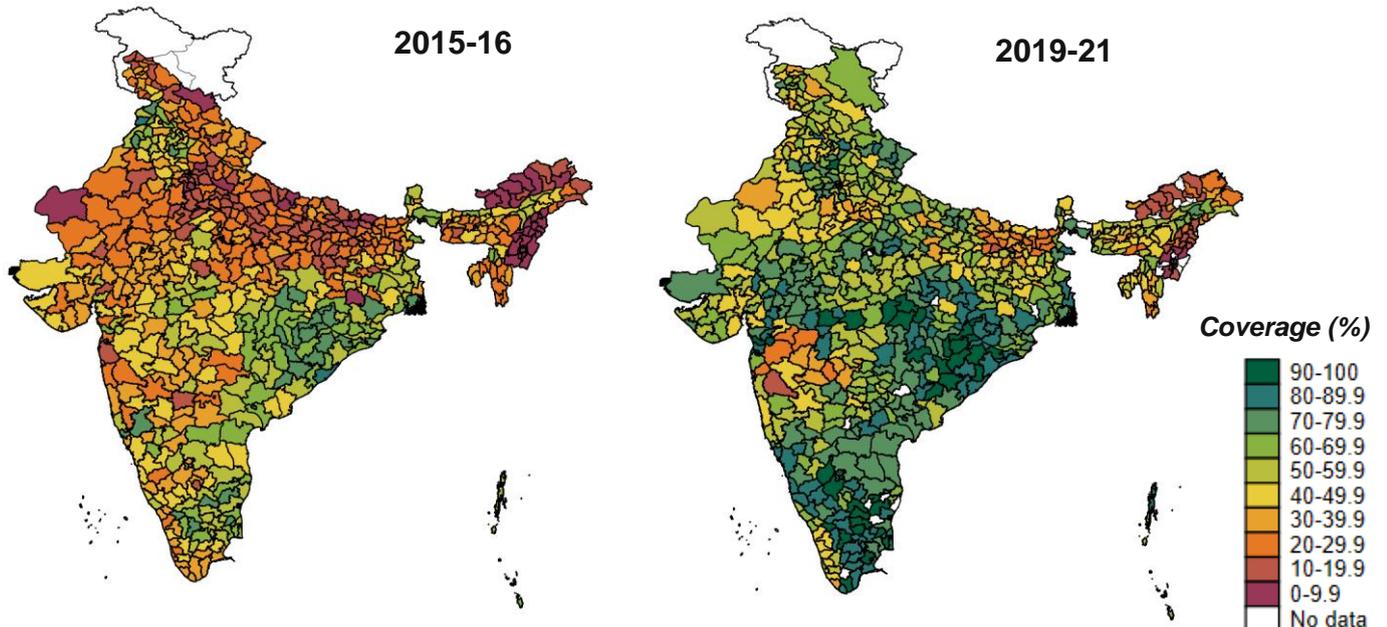
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Dadra & Nagar Haveli And Daman & Diu	+56
Uttar Pradesh	+36
Karnataka	+35
Uttarakhand	+36
Himachal Pradesh	+32

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Punjab	-4

Map 13: Coverage of cord care counselling, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Palwal (HR)	+64
Sirmaur (HP)	+62
Sidhi (MP)	+62
Kanpur Nagar (UP)	+60
Kannauj (UP)	+60

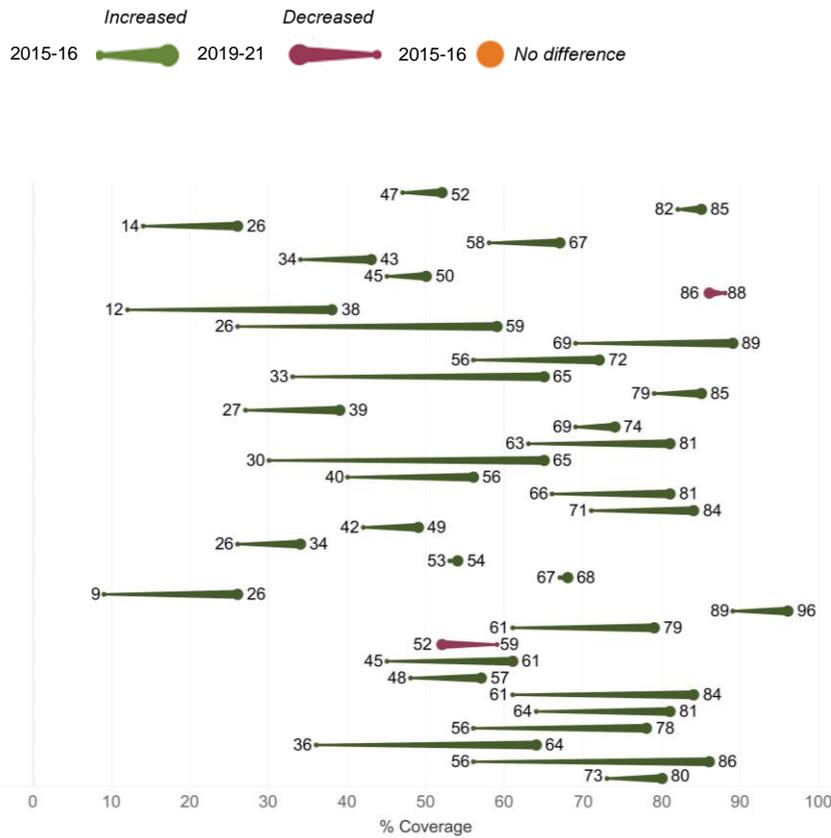
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Tarn Taran (PN)	-31
Korba (CG)	-26
Faridkot (PN)	-24
Dhule (MH)	-20
Muktsar (PN)	-18



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 16: State trends in coverage of food supplementation, 2015-16 and 2019-21



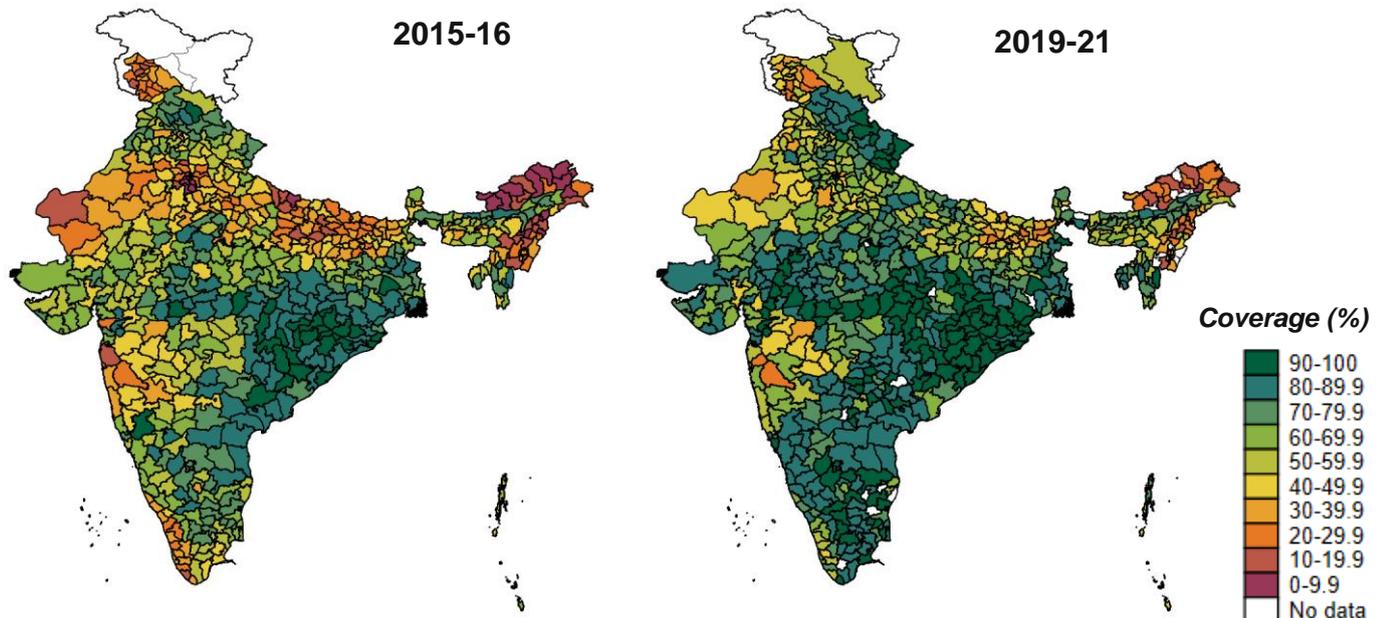
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Kerala	+35
Dadra & Nagar Haveli And Daman & Diu	+33
Haryana	+32
Uttarakhand	+30
Uttar Pradesh	+28

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Punjab	-7
Chhattisgarh	-2

Map 14: Coverage of food supplementation, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Balrampur (UP)	+65
Shrawasti (UP)	+64
Gurgaon (HR)	+62
Palwal (HR)	+59
Kanniyakumari (TN)	+55

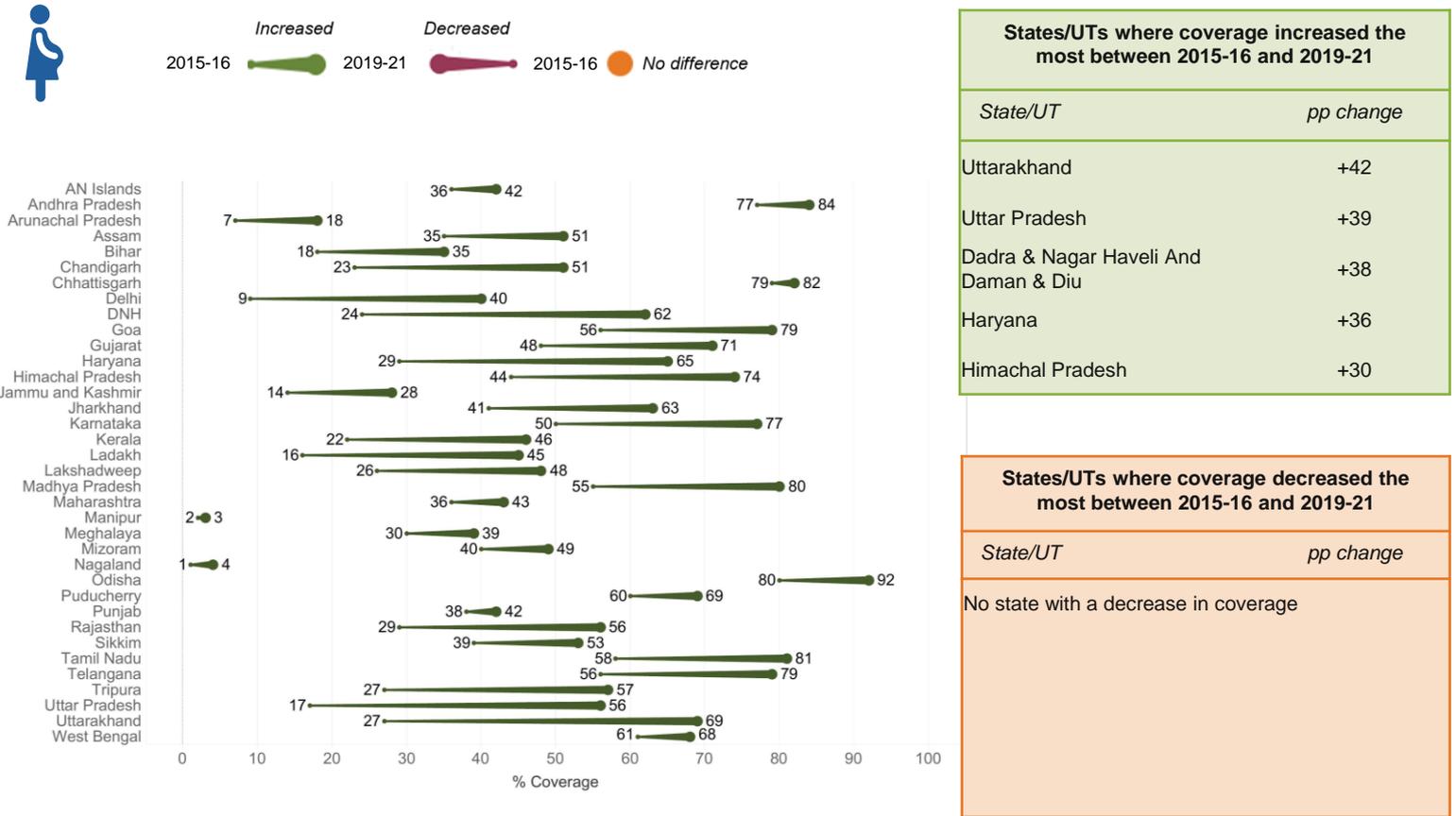
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Faridkot (PN)	-35
Sangrur (PN)	-22
Korba (CG)	-21
Bathinda (PN)	-20
Tarn Taran (PN)	-17



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 17: State trends in coverage of health and nutrition education, 2015-16 and 2019-21



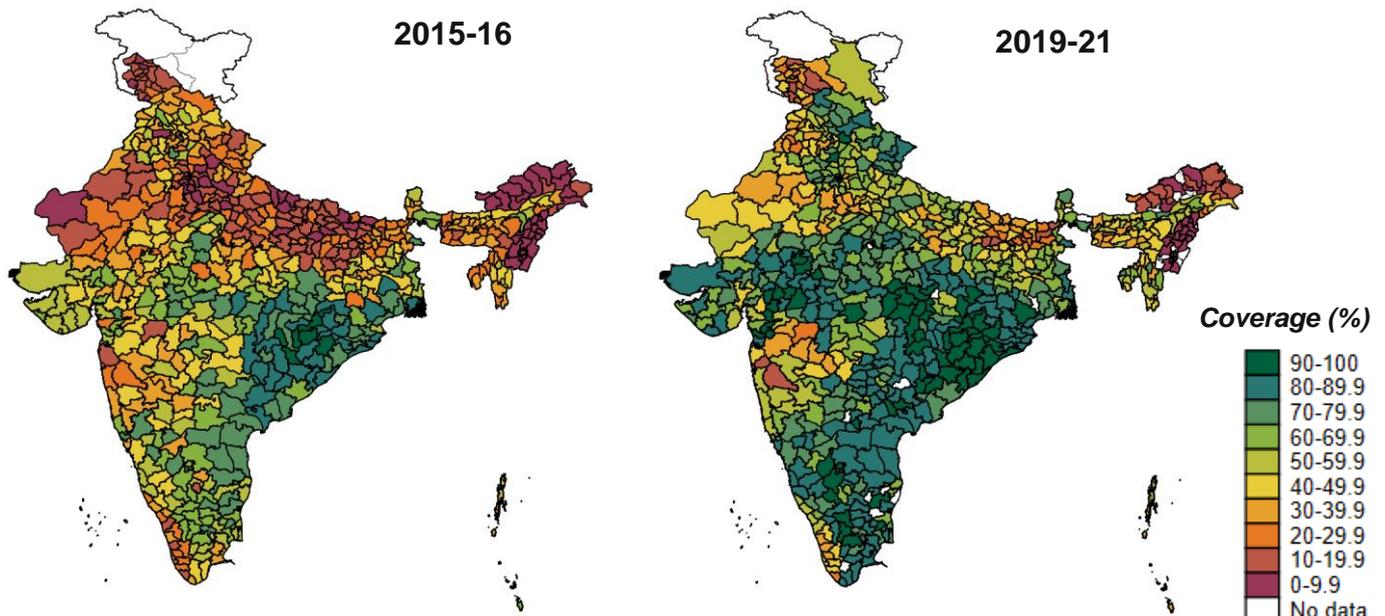
Map 15: Coverage of health and nutrition education, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21

District (state)	pp change
Hamirpur (UP)	+69
Auraiya (UP)	+68
Gurgaon (HR)	+67
Jalaun (UP)	+64
Rudraprayag (UK)	+64

Districts where coverage decreased the most between 2015-16 and 2019-21

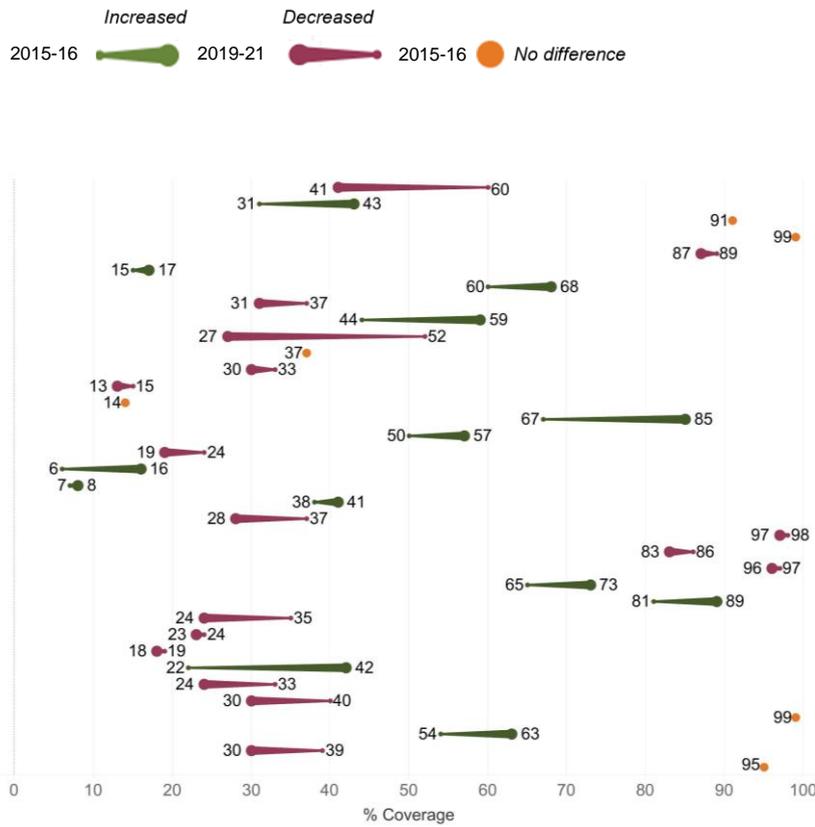
District (state)	pp change
Nicobars (AN)	-24
South Twenty Four Parganas (WB)	-20
Purnia (BR)	-17
Kaithal (HR)	-17
Korba (CG)	-16



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 18: State trends in coverage of use of bed nets, 2015-16 and 2019-21



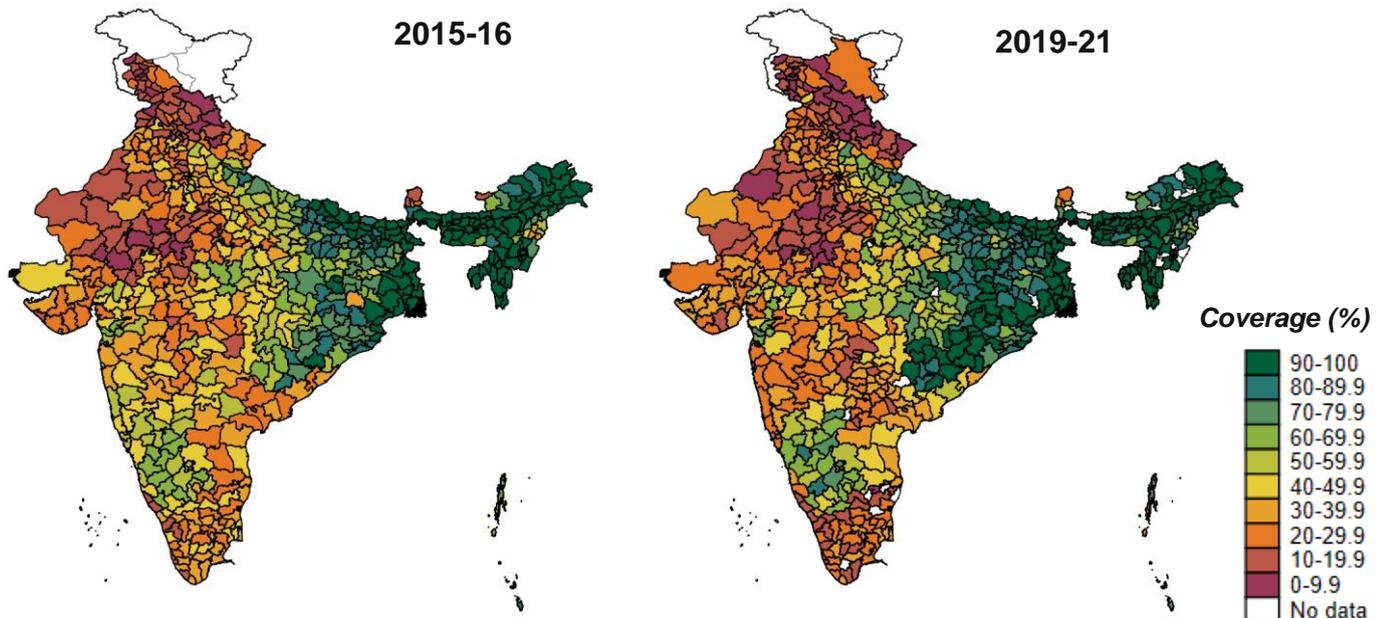
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Sikkim	+20
Jharkhand	+18
Dadra & Nagar Haveli And Daman & Diu	+15
Andhra Pradesh	+12
Ladakh	+10

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Goa	-25
Andaman And Nicobar Islands	-19
Puducherry	-11
Telangana	-10
Maharashtra	-9

Map 16: Coverage of use of bed nets, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Tawang (AR)	+48
Pashchimi Singhbhum (JH)	+46
Phek (NL)	+40
Narayanpur (CG)	+40
Lalitpur (UP)	+39

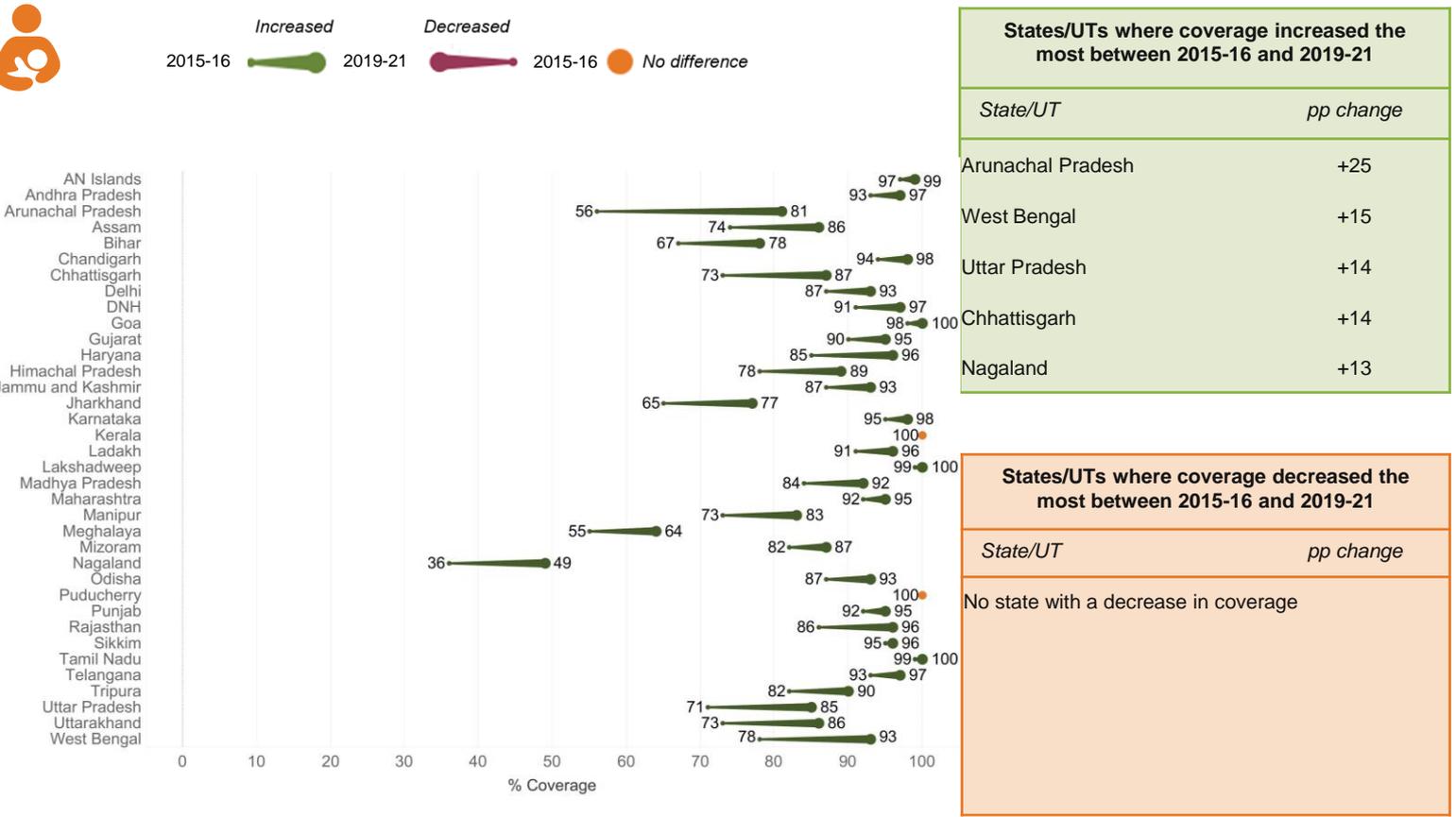
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Theni (TN)	-34
Vidisha (MP)	-30
Dharmapuri (TN)	-30
South Andaman (AN)	-27
Tiruvannamalai (TN)	-27



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 19: State trends in coverage of institutional birth, 2015-16 and 2019-21



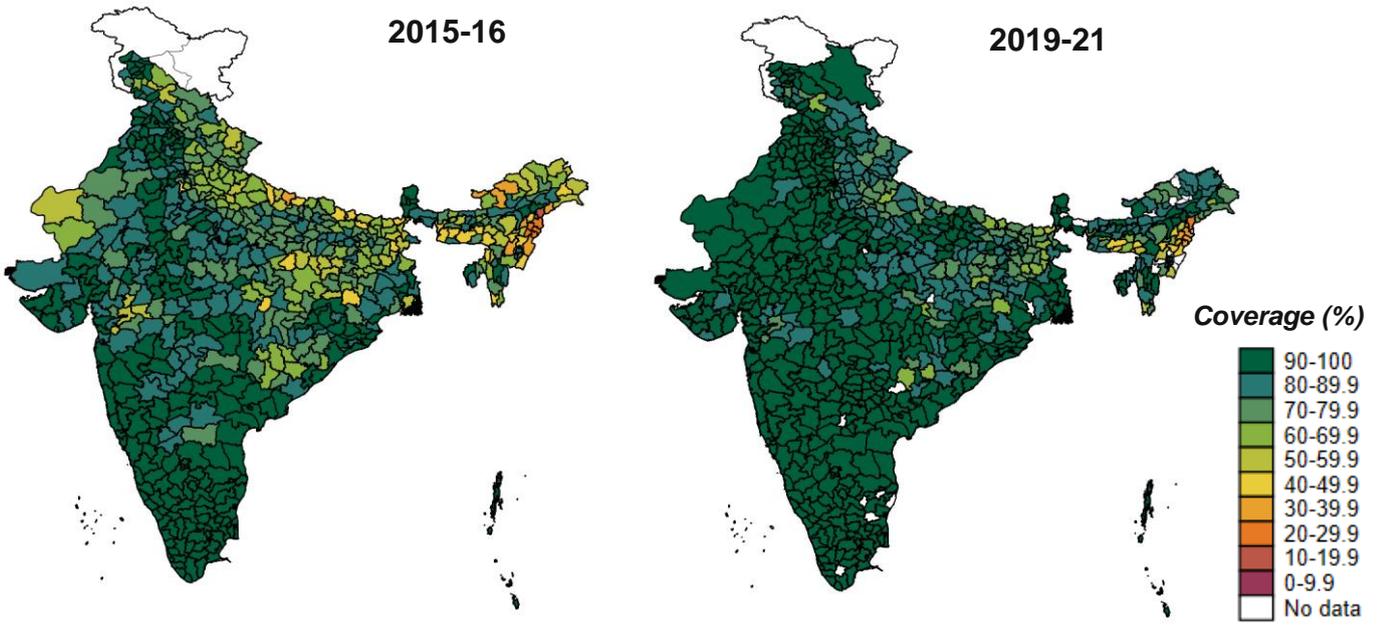
Map 17: Coverage of institutional birth, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21

District (state)	pp change
Tawang (AR)	+51
East Kameng (AR)	+47
Kabeerdham (CG)	+44
Jaisalmer (RJ)	+40
Balrampur (UP)	+40

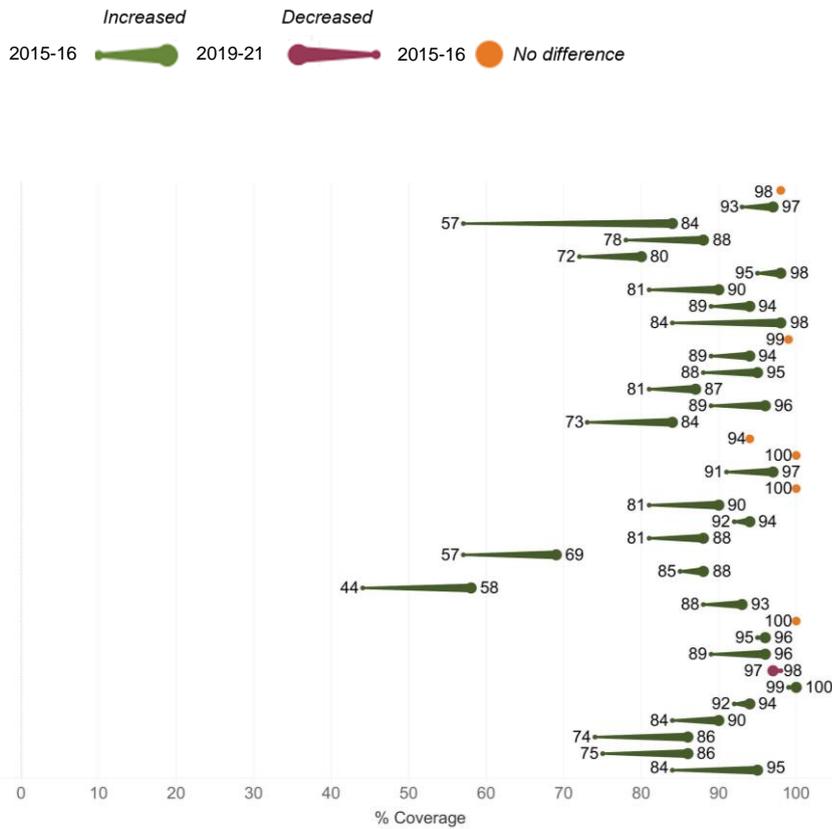
Districts where coverage decreased the most between 2015-16 and 2019-21

District (state)	pp change
Bijapur (CG)	-13
Kamrup Metropolitan (AA)	-5
Anugul (OD)	-5
Jalandhar (PN)	-3
East Khasi Hills (ML)	-4



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 20: State trends in coverage of skilled birth attendant, 2015-16 and 2019-21



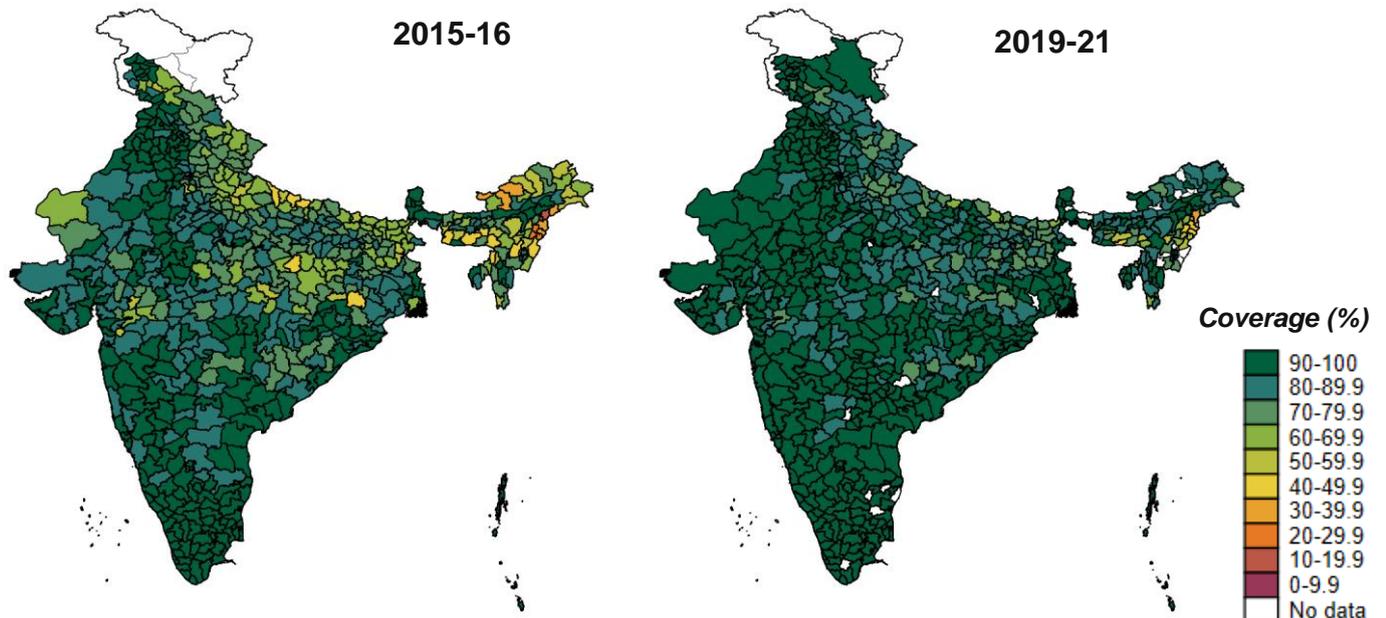
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Arunachal Pradesh	+27
Dadra & Nagar Haveli And Daman & Diu	+14
Nagaland	+14
Uttar Pradesh	+12
Meghalaya	+12

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Sikkim	-1

Map 18: Coverage of skilled birth attendant by district, 2015-16 and 2019-21

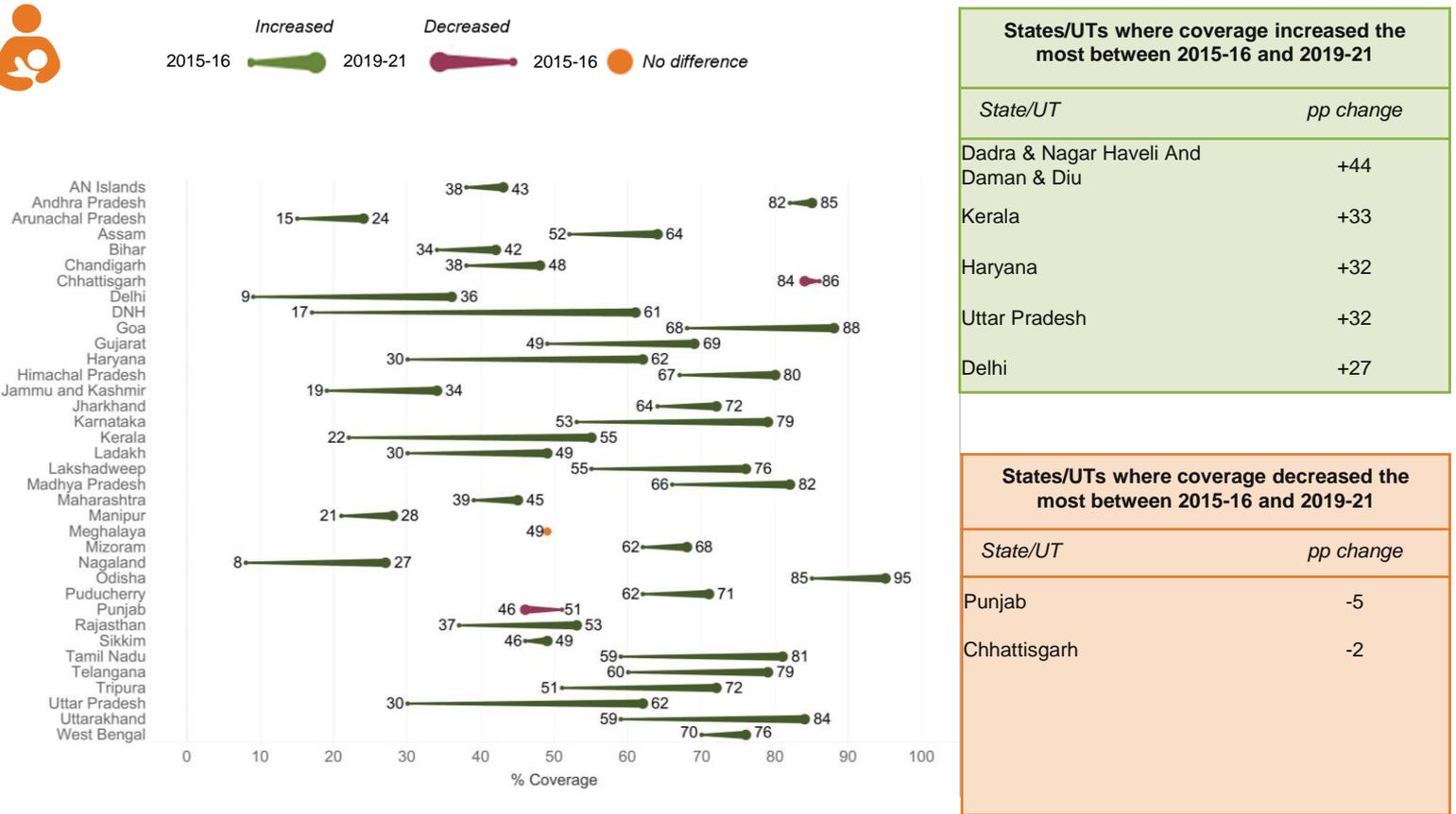
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Tawang (AR)	+53
East Kameng (AR)	+47
Karimganj (AA)	+37
Alirajpur (MP)	+35
Shrawasti (UP)	+34

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Yamunanagar (HR)	-13
Mokokchung (NL)	-11
Bijapur (CG)	-10
Davanagere (KA)	-9
Rayagada (OD)	-8



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 21: State trends in coverage of food supplementation, 2015-16 and 2019-21



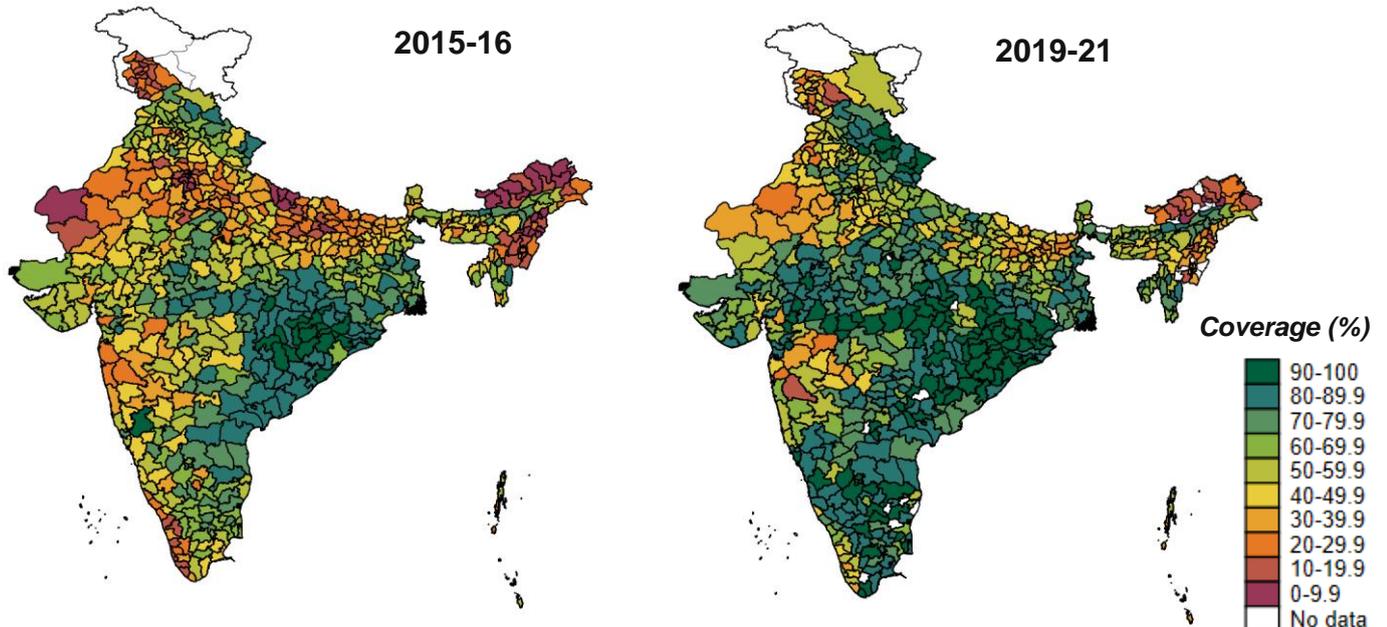
Map 19: Coverage of food supplementation, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21

District (state)	pp change
Shrawasti (UP)	+67
Balrampur (UP)	+64
Gurgaon (HR)	+59
Kanniyakumari (TN)	+57
Siddharthnagar (UP)	+56

Districts where coverage decreased the most between 2015-16 and 2019-21

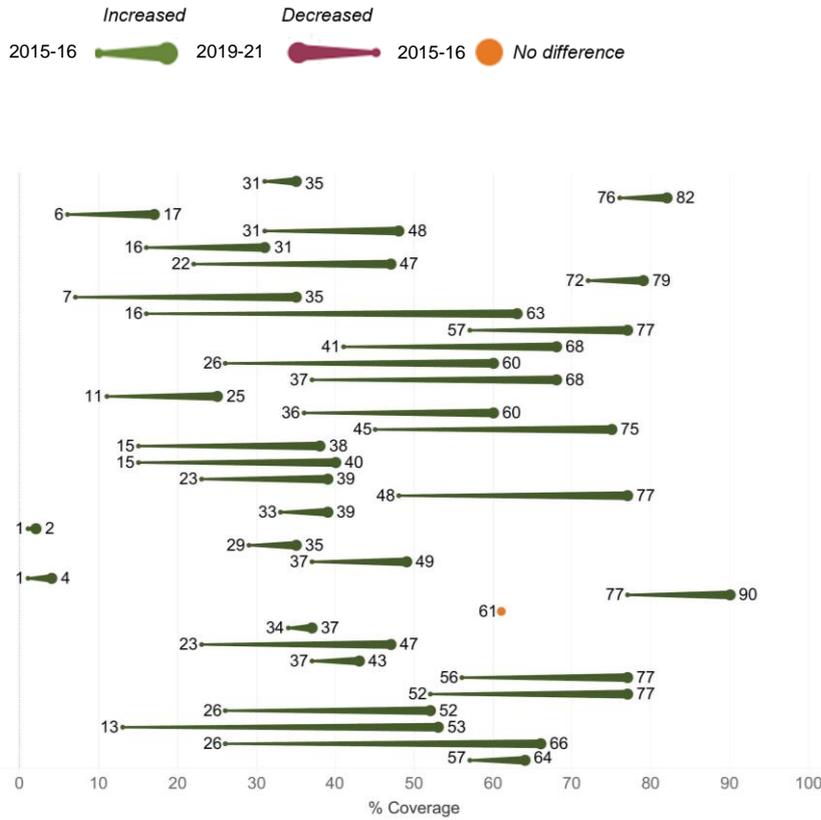
District (state)	pp change
Faridkot (PN)	-35
Udalguri (AA)	-28
Korba (CG)	-27
Janjgir - Champa (CG)	-27
Sangrur (PN)	-24



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 22: State trends in coverage of health and nutrition education, 2015-16 and 2019-21



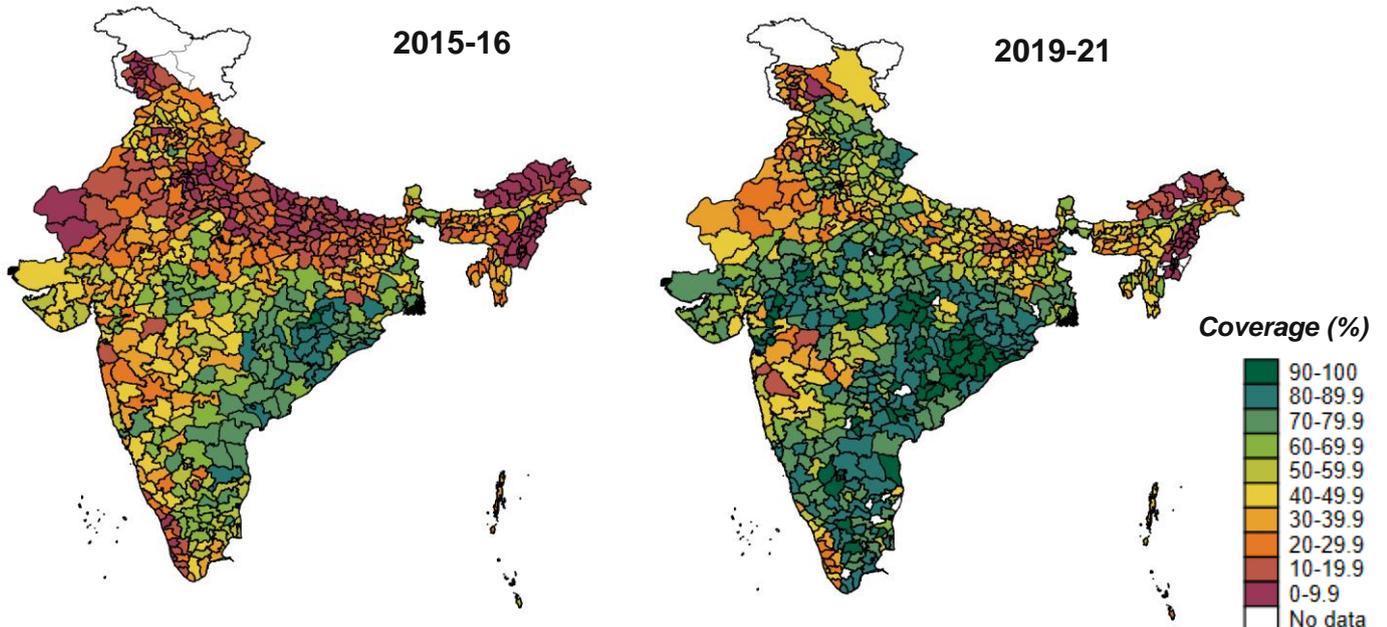
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Dadra & Nagar Haveli And Daman & Diu	+47
Uttar Pradesh	+40
Uttarakhand	+40
Haryana	+34
Himachal Pradesh	+31

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
No state with a decrease in coverage	

Map 20: Coverage of health and nutrition education, by district, 2015-16 and 2019-21

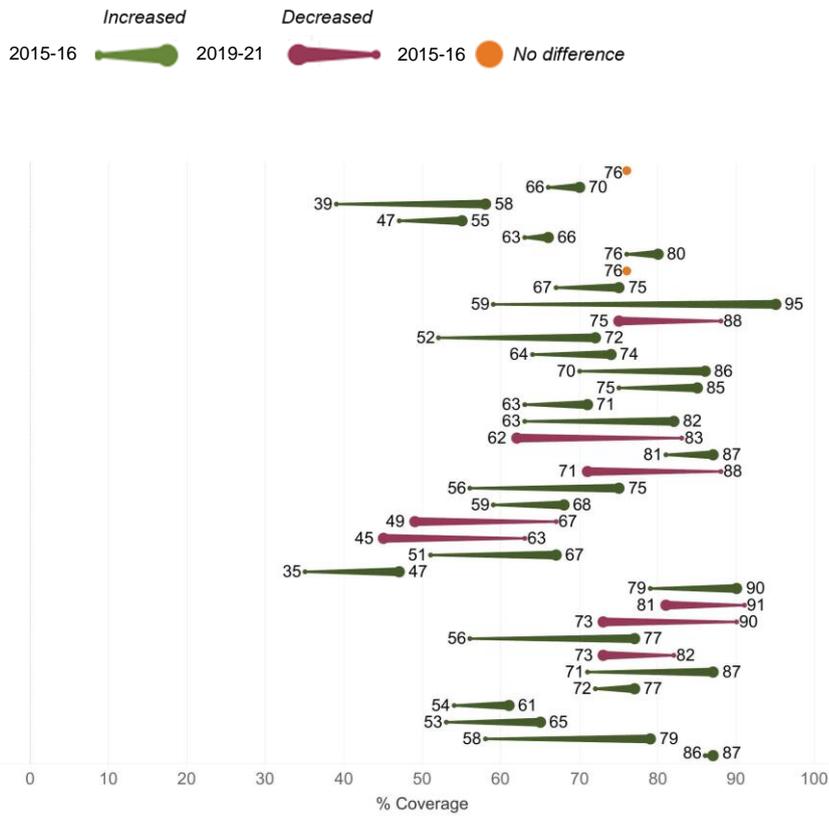
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Hamirpur (UP)	+75
Auraiya (UP)	+71
Kaushambi (UP)	+67
Sitapur (UP)	+64
Jalaun (UP)	+64

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Nicobars (AN)	-33
Dhule (MH)	-25
Kaithal (HR)	-20
Korba (CG)	-21
Janjgir - Champa (CG)	-20



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 23: State trends in coverage of full immunization, 2015-16 and 2019-21



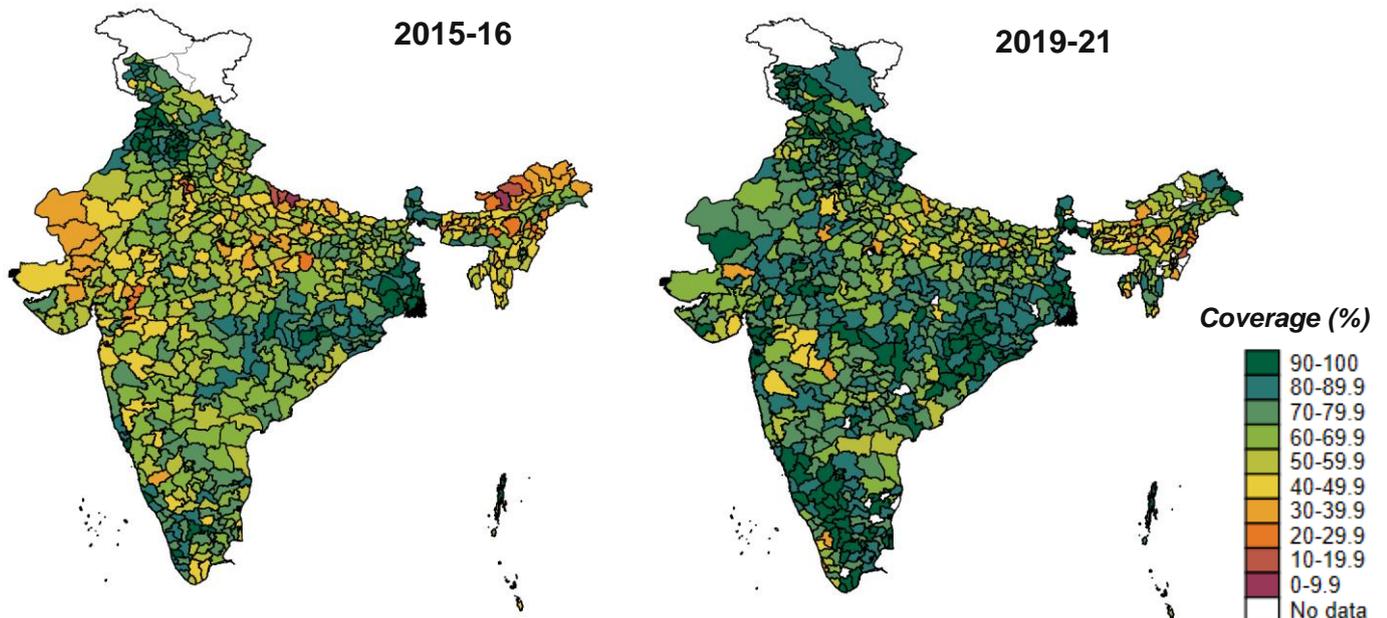
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Dadra & Nagar Haveli And Daman & Diu	+36
Uttarakhand	+21
Rajasthan	+21
Gujarat	+20
Karnataka	+19

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Kerala	-21
Meghalaya	-18
Manipur	-18
Punjab	-17
Lakshadweep	-17

Map 21: Coverage of full immunization, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Jhabua (MP)	+60
Mysore (KA)	+58
Barmer (RJ)	+56
Anjaw (AR)	+56
Alirajpur (MP)	+55

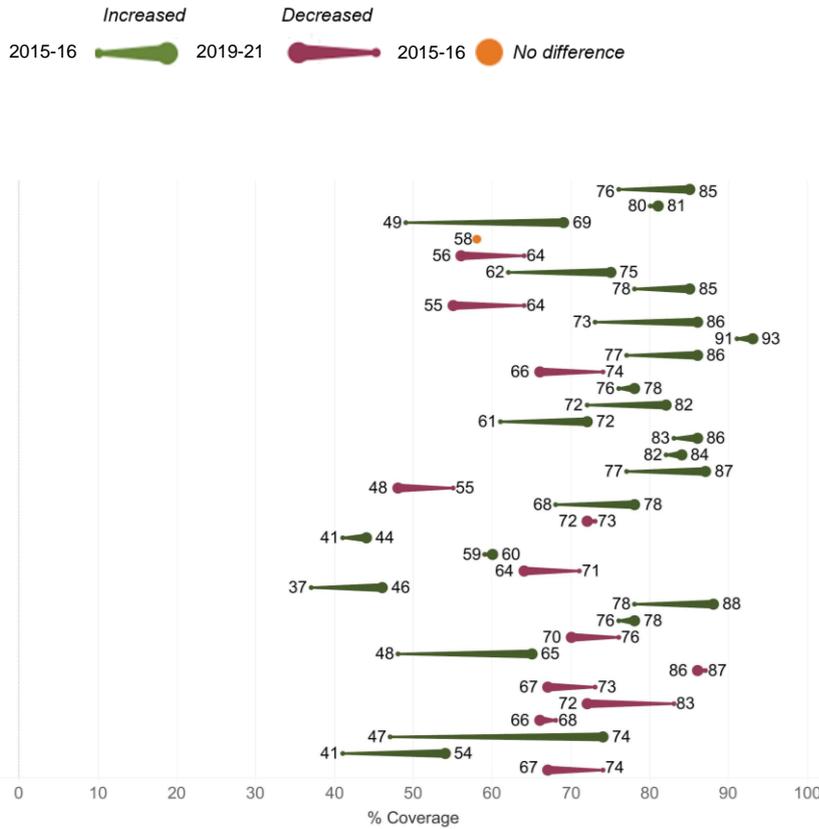
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Palakkad (KL)	-54
Alappuzha (KL)	-51
Bishnupur (MN)	-46
Muktsar (PN)	-46
East Khasi Hills (ML)	-46



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 24: State trends in coverage of Vitamin A supplementation, 2015-16 and 2019-21



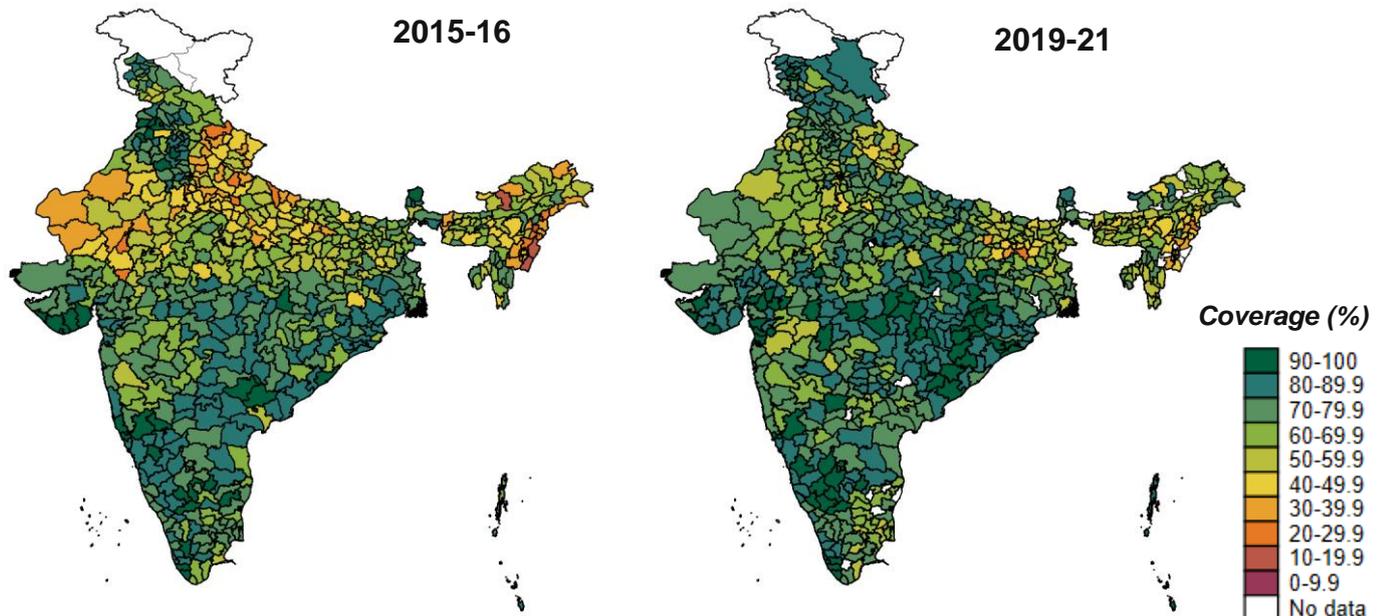
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Uttar Pradesh	+27
Arunachal Pradesh	+20
Rajasthan	+17
Chandigarh	+13
Dadra & Nagar Haveli And Daman & Diu	+13

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Telangana	-11
Delhi	-9
Bihar	-8
West Bengal	-7
Mizoram	-7

Map 22: Coverage of Vitamin A supplementation, by district, 2015-16 and 2019-21

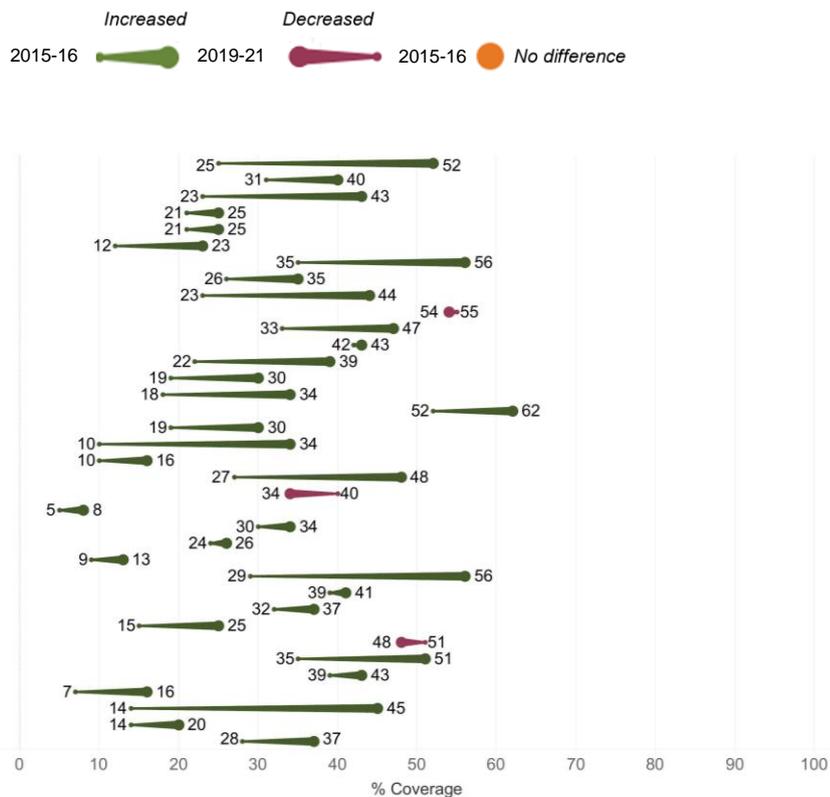
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Bareilly (UP)	+60
Shrawasti (UP)	+51
Mau (UP)	+51
Bahraich (UP)	+48
Farrukhabad (UP)	+47

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Bhojpur (BR)	-28
Muksar (PN)	-28
Moga (PN)	-28
Nawada (BR)	-28
Panipat (HR)	-26



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 25: State trends in coverage of pediatric IFA, 2015-16 and 2019-21



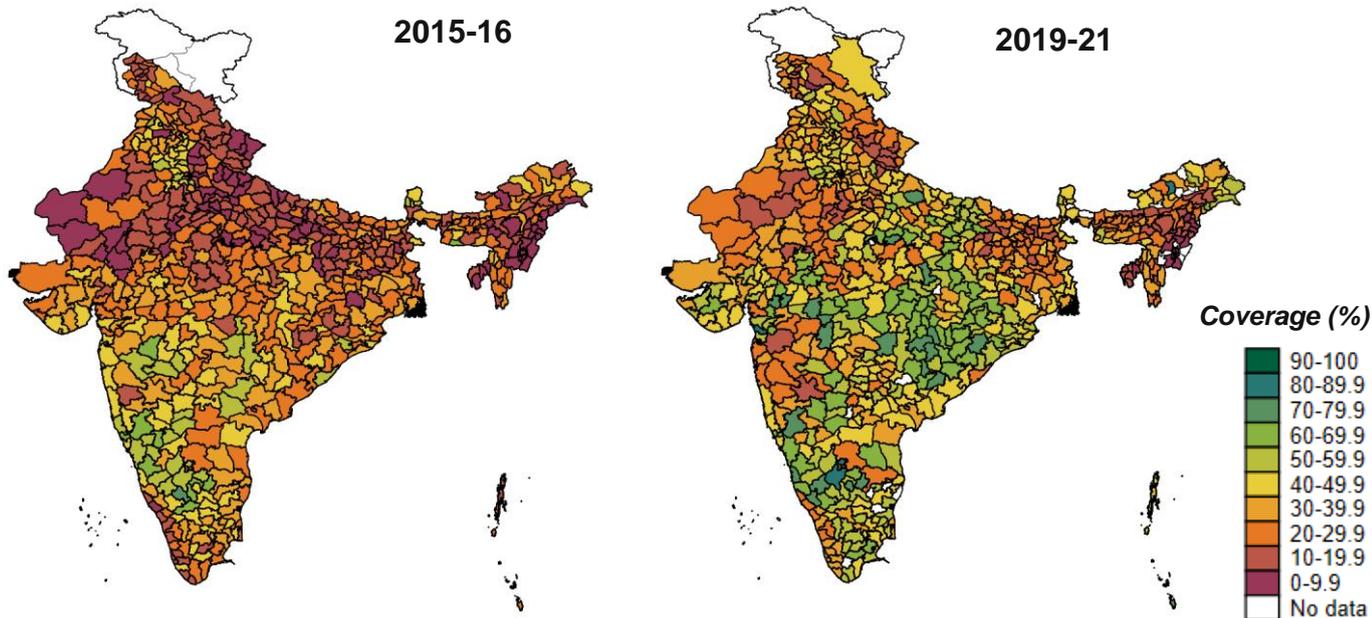
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Uttar Pradesh	+31
Andaman And Nicobar Islands	+27
Odisha	+27
Ladakh	+24
Madhya Pradesh	+21

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Maharashtra	-6
Sikkim	-3
Goa	-1

Map 23: Coverage of pediatric IFA, by district, 2015-16 and 2019-21

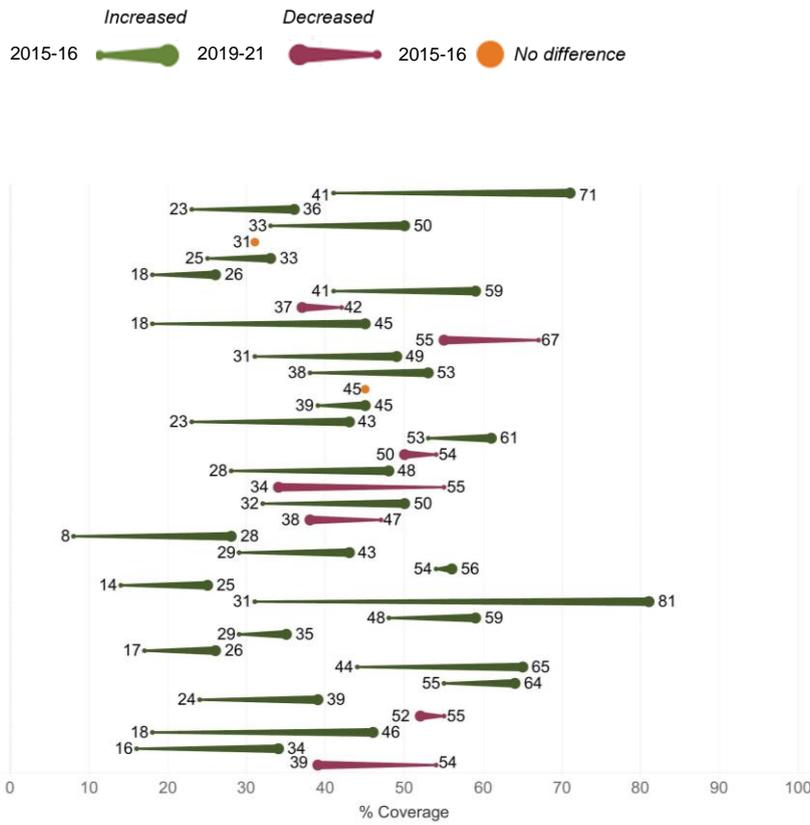
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Banda (UP)	+65
Mahoba (UP)	+65
Jhansi (UP)	+61
Shahdol (MP)	+58
Sant Kabir Nagar (UP)	+58

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Srikakulam (AP)	-36
Aurangabad (MH)	-32
Ahmadnagar (MH)	-28
Mahe (PD)	-27
Udalguri (AA)	-25



pp: percentage point. IFA: Iron folic acid. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]. Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 26: State trends in coverage of deworming, 2015-16 and 2019-21



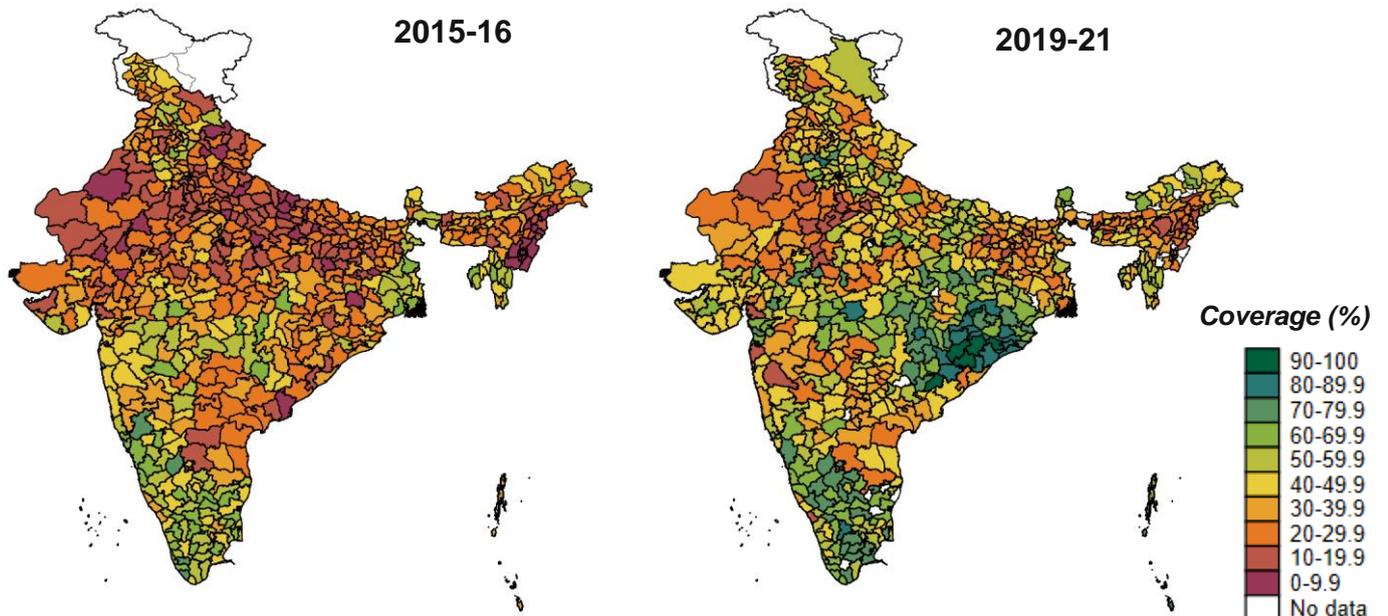
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Odisha	+50
Andaman And Nicobar Islands	+30
Uttar Pradesh	+28
Dadra & Nagar Haveli And Daman & Diu	+27
Sikkim	+21

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Lakshadweep	-21
West Bengal	-15
Goa	-12
Maharashtra	-9
Delhi	-5

Map 24: Coverage of deworming, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Kalahandi (OD)	+71
Jharsuguda (OD)	+70
Gajapati (OD)	+67
Koraput (OD)	+65
Banda (UP)	+64

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
South Twenty Four Parganas (WB)	-37
Mumbai Suburban (MH)	-37
Kinnaur (HP)	-34
Mahe (PD)	-31
Pune (MH)	-31

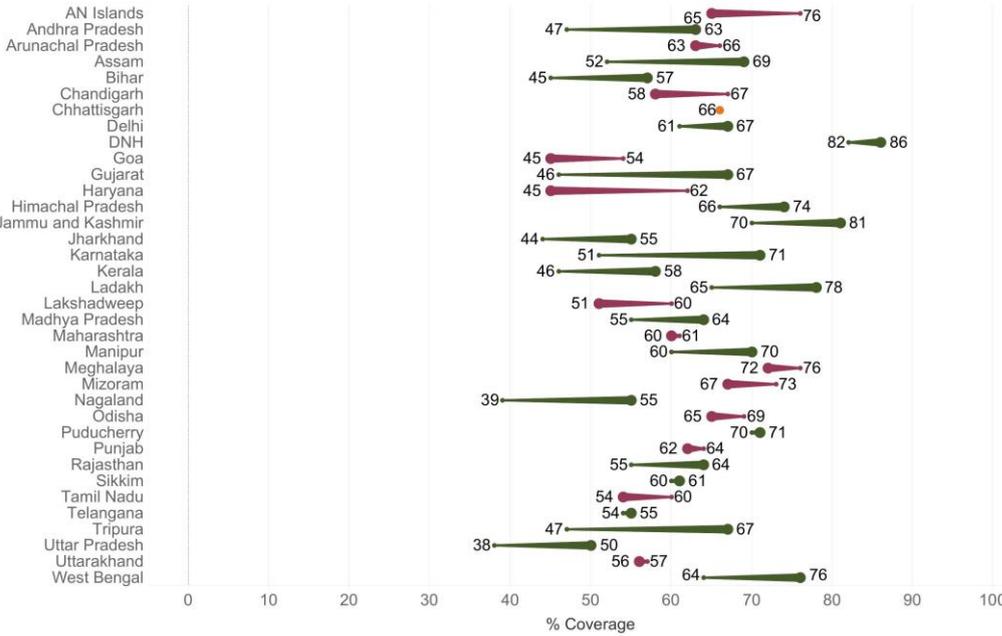


pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 27: State trends in coverage of ORS during diarrhea, 2015-16 and 2019-21



▶ Increased
▶ Decreased
● No difference
 2015-16 2019-21



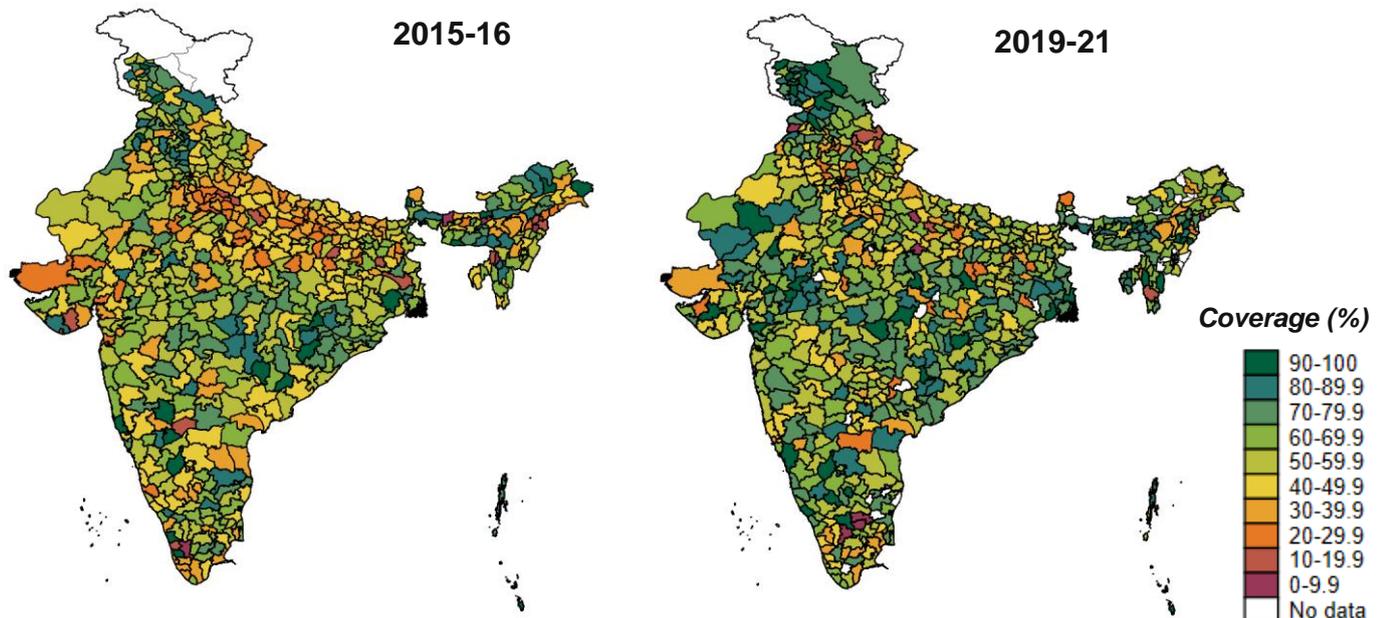
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Gujarat	+21
Tripura	+20
Karnataka	+20
Assam	+17
Nagaland	+16

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Haryana	-17
Andaman And Nicobar Islands	-11
Lakshadweep	-9
Chandigarh	-9
Goa	-9

Map 25: Coverage of ORS during diarrhea, by district, 2015-16 and 2019-21

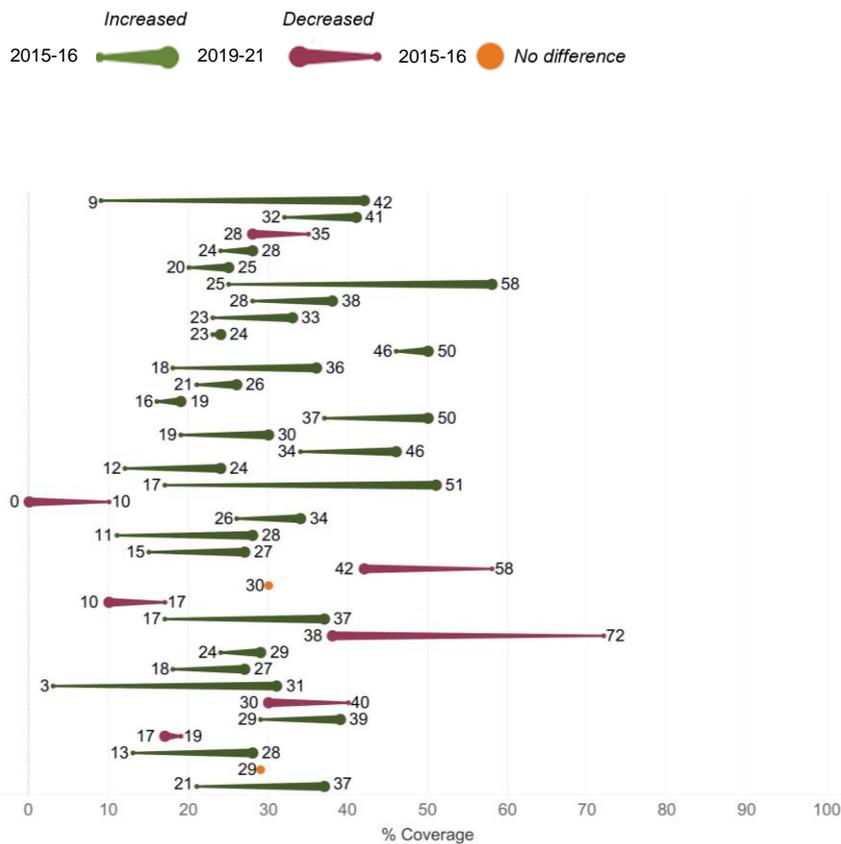
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Darrang (AA)	+100
Mokokchung (NL)	+89
Zunheboto (NL)	+88
Idukki (KL)	+75
Bangalore (KA)	+68

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Tarn Taran (PN)	-87
Mumbai Suburban (MH)	-80
Yanam (PD)	-76
Salem (TN)	-65
Ambala (HR)	-64



pp: percentage point. ORS: Oral rehydration salts. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]. Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 28: State trends in coverage of Zinc during diarrhea, 2015-16 and 2019-21



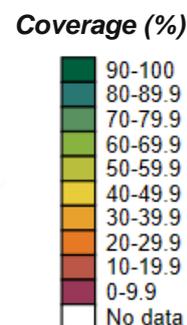
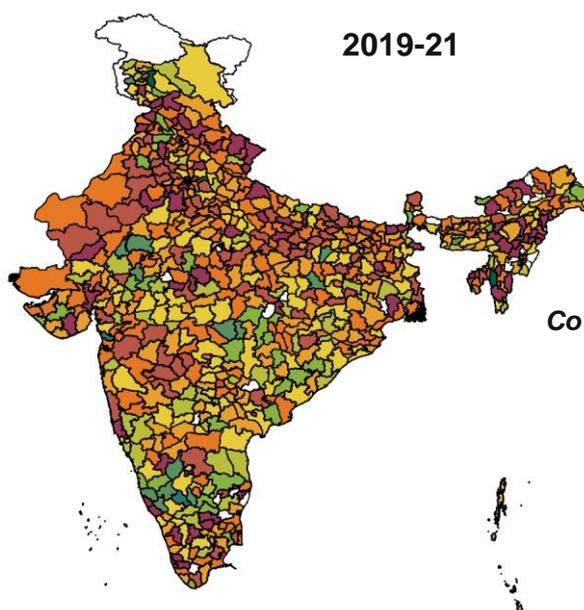
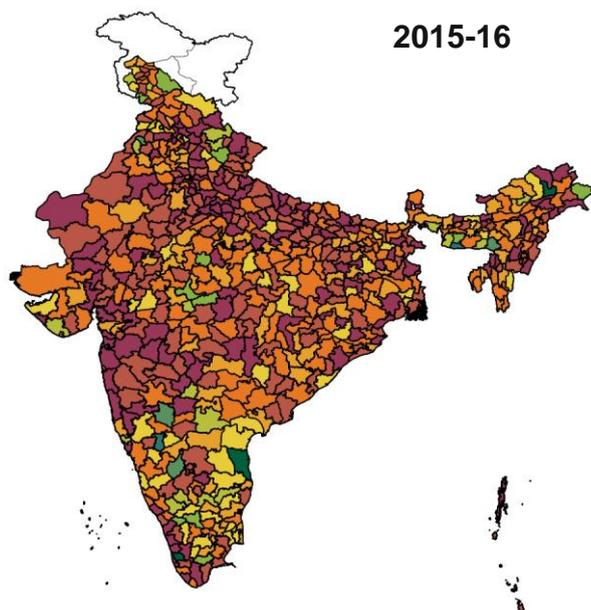
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Ladakh	+34
Andaman And Nicobar Islands	+33
Chandigarh	+33
Sikkim	+28
Odisha	+20

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Puducherry	-34
Meghalaya	-16
Tamil Nadu	-10
Lakshadweep	-10
Arunachal Pradesh	-7

Map 26: Coverage of Zinc during diarrhea, by district, 2015-16 and 2019-21

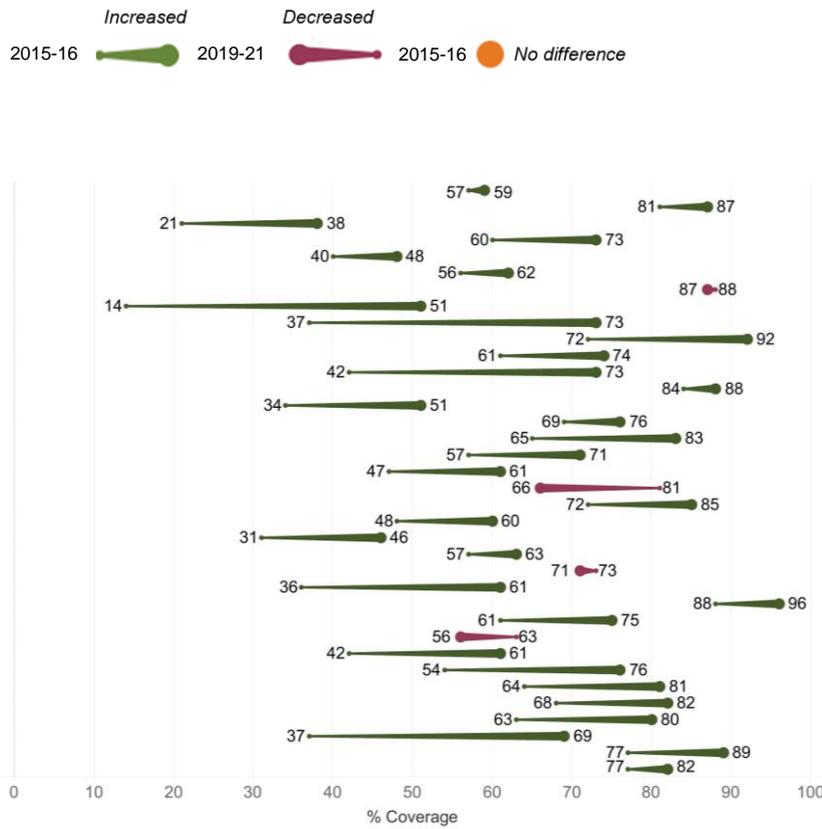
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Navsari (GL)	+79
Mamit (MZ)	+80
Anantnag (JK)	+71
Chandrapur (MH)	+69
Bhandara (MH)	+67

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Kottayam (KL)	-92
Faridkot (PN)	-59
Yanam (PD)	-49
Chennai (TN)	-49
Sehore (MP)	-49



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 29: State trends in coverage of food supplementation, 2015-16 and 2019-21



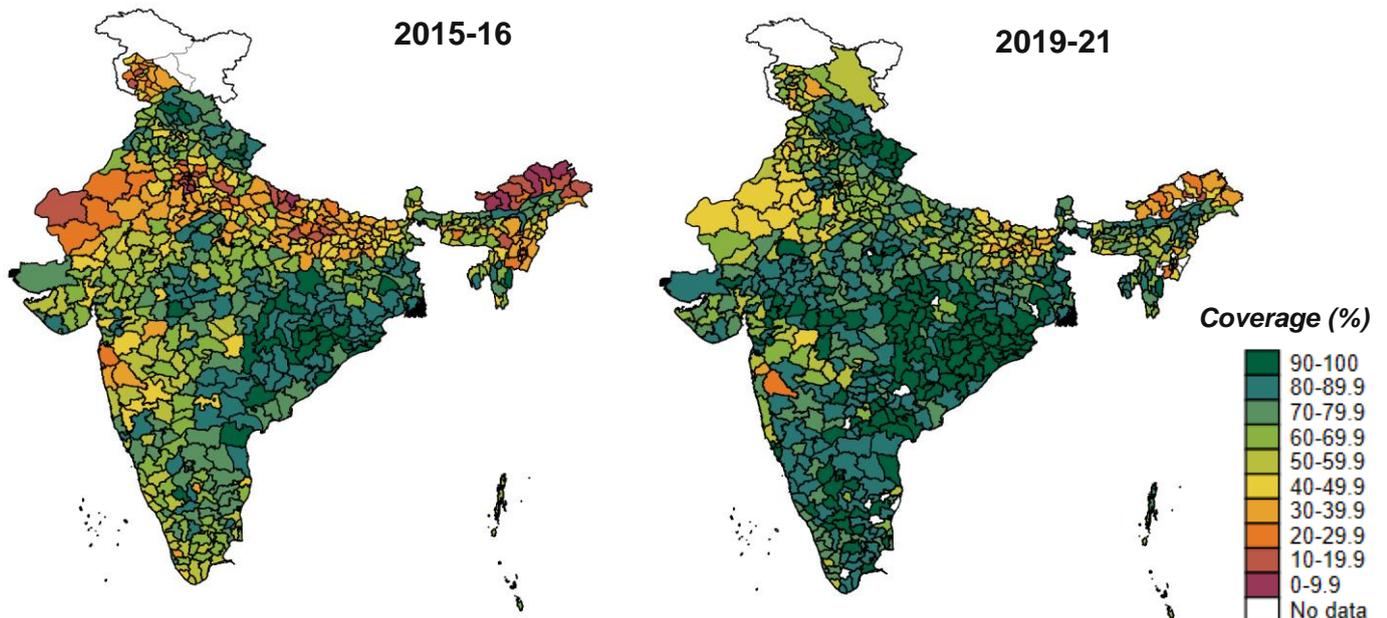
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Delhi	+37
Dadra & Nagar Haveli And Daman & Diu	+36
Uttar Pradesh	+32
Haryana	+31
Nagaland	+25

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Lakshadweep	-15
Punjab	-7
Mizoram	-2
Chhattisgarh	-1

Map 27: Coverage of food supplementation, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Palwal (HR)	+70
Balrampur (UP)	+61
Shrawasti (UP)	+60
Jaunpur (UP)	+58
Jhajjar (HR)	+58

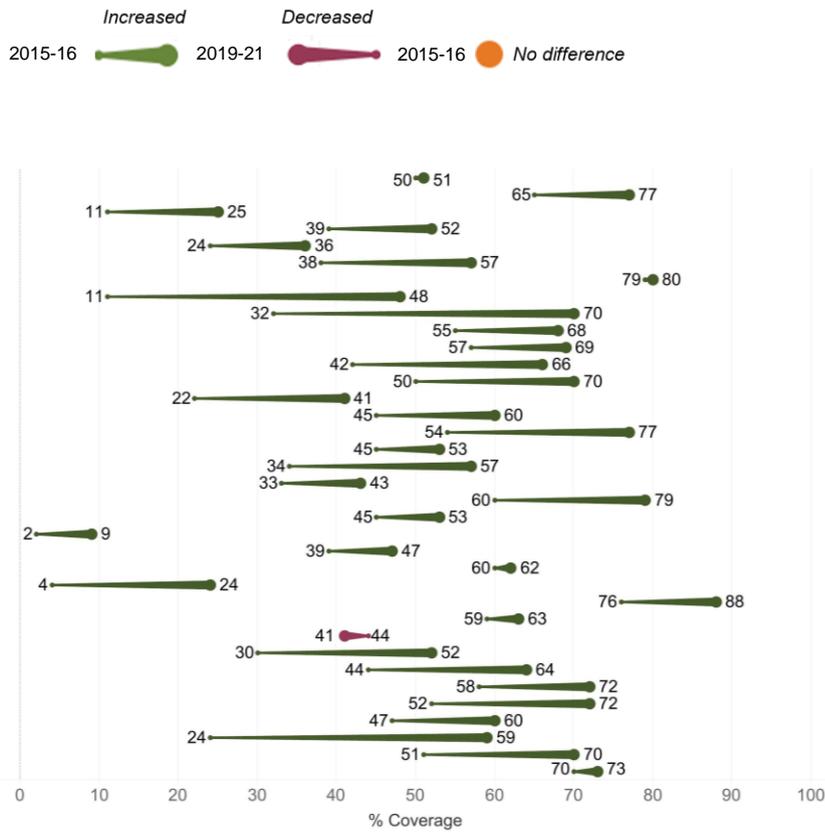
Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Faridkot (PN)	-28
Muksar (PN)	-24
Korba (CG)	-22
Janjgir - Champa (CG)	-20
Mansa (PN)	-20



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]

Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 30: State trends in coverage of weighing, 2015-16 and 2019-21



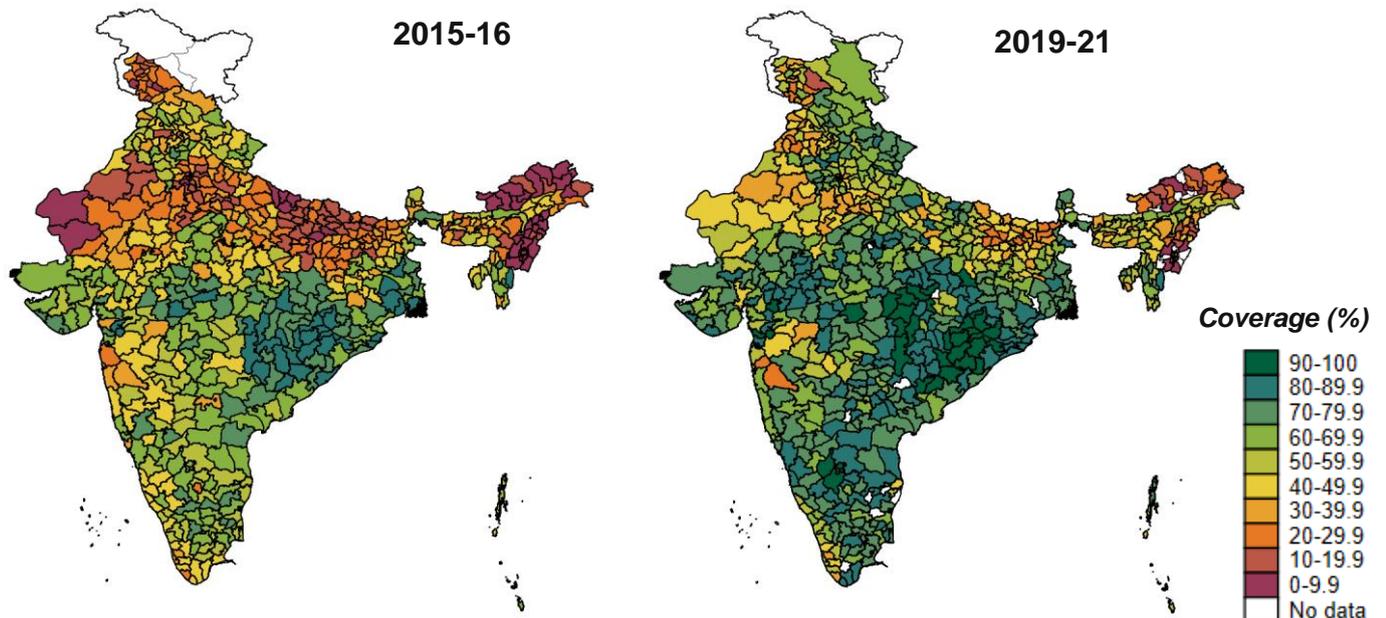
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Dadra & Nagar Haveli And Daman & Diu	+38
Delhi	+37
Uttar Pradesh	+35
Haryana	+24
Ladakh	+23

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Punjab	-3

Map 28: Coverage of weighing by district, 2015-16 and 2019-21

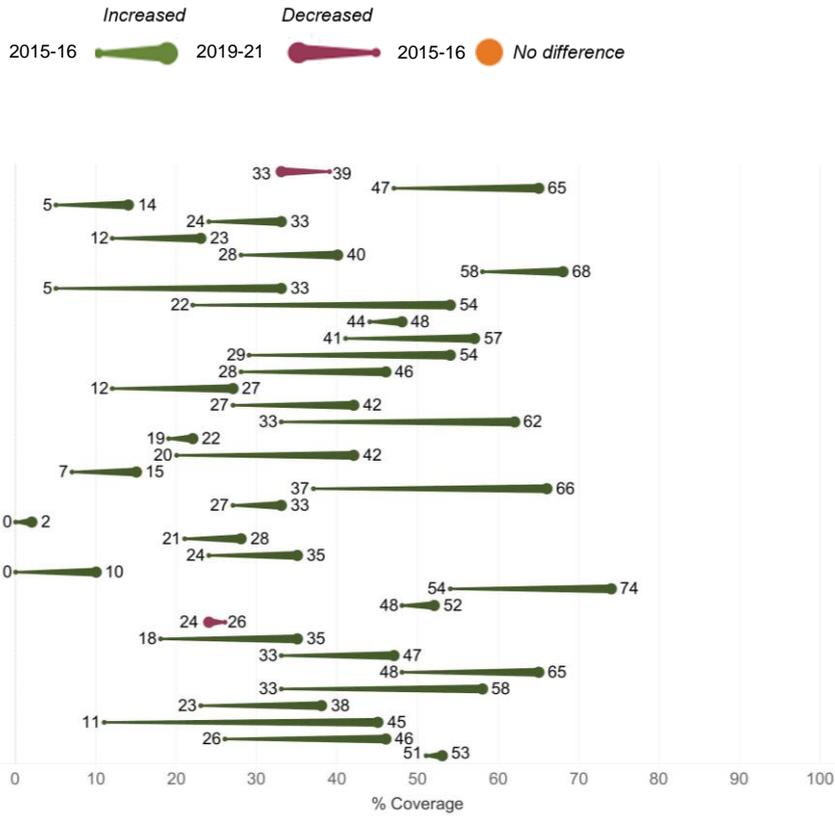
Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Siddharthnagar (UP)	+63
Kaushambi (UP)	+61
Shrawasti (UP)	+59
Banda (UP)	+57
Gurgaon (HR)	+57

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Sangrur (PN)	-27
Mansa (PN)	-24
Korba (CG)	-23
Faridkot (PN)	-20
Muktsar (PN)	-17



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 31: State trends in coverage of counselling on child growth, 2015-16 and 2019-21



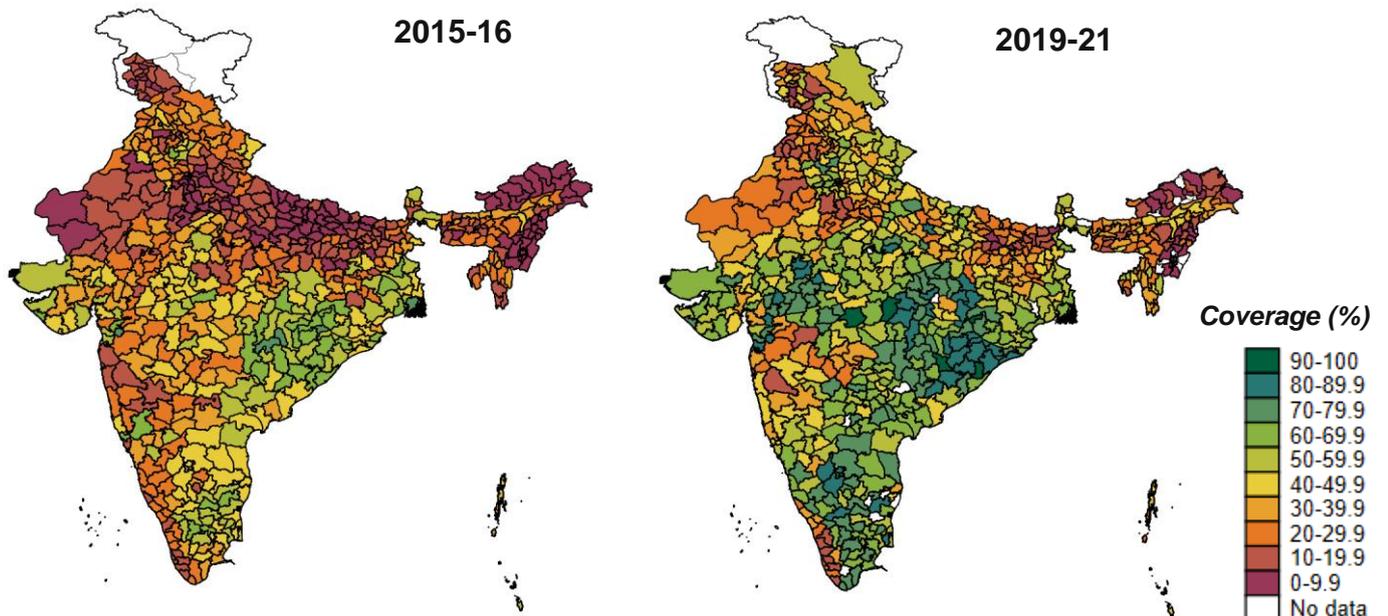
States/UTs where coverage increased the most between 2015-16 and 2019-21	
State/UT	pp change
Uttar Pradesh	+34
Dadra & Nagar Haveli And Daman & Diu	+32
Madhya Pradesh	+29
Karnataka	+29
Delhi	+28

States/UTs where coverage decreased the most between 2015-16 and 2019-21	
State/UT	pp change
Andaman And Nicobar Islands	-6
Punjab	-2

Map 29: Coverage of counselling on child growth, by district, 2015-16 and 2019-21

Districts where coverage increased the most between 2015-16 and 2019-21	
District (state)	pp change
Banda (UP)	+66
Kaushambi (UP)	+65
Siddharthnagar (UP)	+61
Jhabua (MP)	+60
Sidhi (MP)	+60

Districts where coverage decreased the most between 2015-16 and 2019-21	
District (state)	pp change
Kaithal (HR)	-26
Hoshangabad (MP)	-24
Hoshiarpur (PN)	-20
Puruliya (WB)	-18
Sangrur (PN)	-17



pp: percentage point. Source: NFHS-4 and NFHS-5 unit-level data [IFPRI estimates]
 Note: We estimated changes in coverage between 2015-16 and 2019-21 among the comparable districts i.e., 575 of 707 districts in India.

Figure 32: Coverage of interventions during pre-pregnancy and pregnancy, by state, 2019-21

State Name	20-<40%		40-<60%		60-<80%		≥80%		Not Available							
	Demand for family planning satisfied by modern methods	Iodized salt	Any ANC	ANC during first trimester	≥4 ANC	Received MCP card	Received IFA during pregnancy	Tetanus injection	Deworming during pregnancy	Weighed during ANC	Breastfeeding counselling	Counseling on keeping baby warm	Cord care counselling	Food supplementation during pregnancy	Health & nutrition education during pregnancy	Use of mosquito nets during pregnancy
India	59.0	94.3	85.3	64.4	55.2	95.0	87.8	83.3	31.2	91.3	62.4	59.9	58.3	67.2	60.0	55.7
Islands	51.8	100.0	92.6	77.0	83.4	98.9	95.8	86.1	61.0	93.1	60.2	60.4	59.5	52.0	41.9	41.1
Andhra Pradesh	77.4	82.9	95.3	78.0	64.6	96.5	94.2	86.3	26.5	99.3	78.8	78.1	72.8	85.0	83.8	43.3
Arunachal Pradesh	54.6	99.4	76.1	52.1	35.0	95.6	77.7	67.4	27.4	78.1	27.6	27.1	25.4	26.3	18.3	91.2
Assam	60.5	98.4	85.1	56.6	47.1	98.9	92.5	89.0	14.6	94.4	58.4	58.0	53.3	67.0	50.7	99.4
Bihar	45.8	93.2	67.8	44.7	22.9	89.7	74.2	76.9	19.1	73.9	38.8	34.9	33.8	43.4	34.7	87.4
Chandigarh	65.0	97.9	94.6	77.5	76.4	97.8	94.8	88.3	26.5	99.4	56.8	56.8	57.4	49.9	50.7	16.9
Chhattisgarh	64.3	98.3	85.6	60.1	55.8	97.4	93.4	83.7	48.8	94.5	79.3	79.0	77.5	86.0	82.2	67.9
Delhi	66.8	97.9	86.9	71.6	73.2	94.0	94.0	86.8	30.2	92.2	53.5	51.4	47.7	38.1	39.9	31.1
Goa	70.3	97.9	98.6	70.6	93.6	99.8	99.7	86.8	33.5	99.0	79.8	76.7	79.6	89.1	78.6	26.6
Gujarat	53.3	94.8	86.2	72.7	70.9	97.8	89.0	81.3	41.9	94.8	64.9	64.1	63.2	71.8	70.5	36.8
Haryana	59.9	96.4	87.2	76.4	56.5	96.8	92.0	79.4	33.5	97.0	72.9	70.5	69.1	64.7	64.9	29.8
Himachal Pradesh	59.0	99.2	85.7	70.1	68.5	98.8	97.6	78.0	23.8	88.8	63.0	61.1	58.5	84.6	74.1	12.6
Jammu And Kashmir	67.7	98.0	94.2	85.5	80.2	97.3	72.6	84.6	8.8	93.8	52.0	51.4	50.6	38.6	28.4	13.7
Jharkhand	49.6	97.5	79.5	59.3	34.8	91.7	83.9	82.8	30.2	88.8	56.9	55.0	54.4	73.9	63.2	84.6
Karnataka	76.6	91.8	96.9	70.0	70.2	97.6	88.8	83.5	44.5	98.0	76.1	75.9	74.2	81.5	77.4	57.1
Kerala	49.1	99.5	98.0	93.4	81.3	91.2	98.0	93.5	19.8	97.9	56.8	50.1	48.8	65.0	46.2	19.0
Ladakh	72.5	98.9	92.3	83.7	77.5	98.2	76.2	87.6	9.5	93.9	63.9	62.1	61.2	56.1	45.5	15.6
Lakshadweep	32.4	97.4	100.0	100.0	92.0	77.5	97.7	98.9	16.1	100.0	46.8	45.0	44.8	80.8	47.7	8.3
Madhya Pradesh	64.8	95.3	80.6	64.7	50.6	96.6	92.8	86.9	34.4	94.3	73.7	71.0	69.5	84.0	80.5	41.0
Maharashtra	64.6	96.1	92.9	70.1	70.2	95.4	85.9	79.5	22.5	94.3	44.5	41.5	41.0	48.5	42.5	28.0
Manipur	21.0	99.4	92.2	79.3	79.2	73.2	92.6	84.9	9.6	91.8	8.6	8.5	7.5	33.8	3.4	97.4
Meghalaya	28.5	91.2	84.0	52.0	50.5	93.3	84.9	64.1	8.4	85.7	50.5	50.7	41.6	54.0	38.6	83.3
Mizoram	45.8	99.1	86.4	70.1	56.8	96.0	88.3	72.8	14.5	90.4	43.4	42.4	37.6	68.3	49.3	96.5
Nagaland	47.2	99.4	70.7	48.6	20.7	92.4	68.7	76.1	7.4	69.3	17.5	16.5	16.6	25.6	4.2	73.3
Odisha	53.7	98.2	90.3	70.4	72.5	99.5	97.3	91.2	60.9	98.3	87.6	85.4	83.8	95.7	91.6	89.0
Puducherry	61.5	94.2	96.2	83.9	88.3	98.8	99.1	83.5	67.8	96.5	80.9	80.5	77.2	78.7	68.6	23.6
Punjab	54.4	95.4	86.0	62.7	54.9	96.9	88.7	83.7	25.2	93.4	55.8	53.0	52.1	51.5	41.8	23.3
Rajasthan	62.5	94.4	89.3	72.4	53.7	98.2	82.2	82.2	17.3	92.4	58.9	53.7	53.5	61.0	55.6	18.0
Sikkim	58.1	98.4	83.7	61.6	58.7	94.8	94.0	87.1	29.7	89.5	57.4	57.9	51.6	56.7	53.0	42.4
Tamil Nadu	70.7	92.7	95.3	76.7	89.9	98.9	98.7	82.4	76.9	96.2	86.8	86.1	83.8	83.8	80.8	23.5
Telangana	70.1	96.0	97.0	86.8	69.2	96.8	90.9	84.0	22.5	99.2	73.1	72.3	64.4	81.1	78.7	30.3
Tripura	62.1	99.3	83.7	62.1	54.5	93.0	90.6	93.1	14.2	84.8	50.1	45.7	43.1	78.0	56.8	99.2
Uttar Pradesh	51.0	92.4	81.7	54.4	38.4	95.8	84.5	81.4	32.2	88.9	61.1	57.8	57.3	64.3	55.9	62.7
Uttarakhand	62.5	93.6	87.3	66.0	60.0	97.3	89.4	88.3	19.4	90.3	68.7	64.6	64.8	85.9	69.2	30.4
West Bengal	67.3	94.1	84.2	65.0	69.8	98.5	96.0	91.6	25.3	94.0	72.5	72.0	68.9	80.0	68.0	95.0

ANC: Antenatal care; MCP: Mother child protection; IFA: Iron folic acid.
Source: NFHS-5 unit-level data [IFPRI estimates].

Figure 33: Coverage of interventions during delivery, postnatal, and early childhood, by state, 2019-21

State Name	20-<40%		40-<60%		60-<80%		≥80%		Not Available				
	Insti-tional deliv-ery	Skilled birth attend-ant	Food supple-mentation dur-ing breastfeed-ing	Health and nutri-tion educa-tion dur-ing breastfeed-ing	Full immu-nization (12-23m)	Vitamin A supple-mentation (9-35m)	Pediatric IFA (6-35m)	De-worming dur-ing early child-hood (12-36m)	ORS dur-ing diar-rhea	Zinc dur-ing diar-rhea	Food supple-mentation (6-35m)	Weighed dur-ing early child-hood	Counselling on child growth
India	90.2	90.8	64.0	56.4	72.6	71.4	39.4	44.2	60.4	30.5	70.8	61.0	45.7
Andaman And Nicobar Islands	98.9	97.5	43.2	35.2	76.1	84.9	51.8	70.7	65.1	42.0	58.8	50.8	32.9
Andhra Pradesh	97.3	96.6	84.7	82.2	70.3	80.9	39.8	35.6	62.5	41.0	87.0	76.7	64.8
Arunachal Pradesh	81.1	84.1	23.6	17.3	57.9	69.0	42.8	49.7	62.7	28.4	38.4	24.9	14.2
Assam	86.1	88.0	63.6	47.9	54.9	57.8	24.7	31.3	69.0	28.1	73.3	52.4	33.4
Bihar	77.7	80.2	41.8	31.2	65.7	56.1	25.3	32.6	57.3	24.9	48.3	36.3	22.9
Chandigarh	97.6	97.8	47.5	47.1	80.4	75.1	23.3	25.6	57.7	57.7	62.4	57.2	39.6
Chhattisgarh	87.1	89.9	83.8	79.4	75.5	84.8	56.1	59.4	66.1	38.4	87.3	79.8	67.6
Delhi	93.0	94.3	35.5	35.3	74.9	54.7	34.8	37.4	66.9	33.0	51.3	47.6	32.7
Goa	99.7	99.2	88.4	76.6	74.9	93.1	53.9	55.2	45.3	50.5	92.2	67.7	47.6
Gujarat	95.4	94.1	69.0	67.6	71.8	85.8	47.3	49.0	67.3	35.6	74.3	69.4	56.5
Haryana	96.1	95.4	62.3	60.1	73.7	66.3	43.1	53.1	45.0	26.4	72.6	66.2	53.6
Himachal Pradesh	89.1	87.4	80.1	67.9	85.5	78.4	39.1	45.0	74.2	18.6	88.4	70.0	45.6
Jammu And Kashmir	93.2	95.8	33.6	24.8	85.2	82.2	30.1	45.1	81.0	50.0	51.4	41.3	27.4
Jharkhand	77.1	83.6	72.2	60.2	71.1	71.6	33.9	43.1	55.2	29.7	75.8	59.9	42.4
Karnataka	97.7	94.4	79.2	74.8	82.4	86.3	62.3	60.5	70.8	45.6	83.0	76.6	62.0
Kerala	99.9	99.9	55.0	37.9	61.9	84.0	30.5	49.5	57.9	24.3	71.5	52.6	22.3
Ladakh	95.5	97.3	48.7	39.6	87.1	87.5	33.9	47.6	78.3	51.1	61.1	57.3	42.1
Lakshadweep	100.0	100.0	76.2	38.9	71.2	47.8	15.7	34.1	50.6	0.0	66.1	43.0	15.0
Madhya Pradesh	91.8	90.4	82.3	77.5	74.5	78.5	48.5	50.4	64.2	34.2	85.2	78.9	66.1
Maharashtra	95.4	94.3	44.8	38.8	67.5	72.2	34.4	37.8	60.1	27.5	60.1	53.3	33.4
Manipur	82.6	87.7	28.2	1.9	49.1	44.1	8.0	28.3	69.7	26.9	46.1	9.4	2.0
Meghalaya	63.5	69.1	49.1	35.4	44.6	60.4	33.8	42.6	72.2	42.0	63.2	46.8	28.1
Mizoram	86.7	88.4	67.6	49.0	66.9	63.8	25.6	55.8	67.3	29.6	71.4	61.9	35.0
Nagaland	48.5	58.2	26.8	3.6	46.8	45.7	12.8	25.0	55.5	9.9	60.9	24.4	10.1
Odisha	93.2	92.5	94.7	89.8	90.0	87.7	56.0	80.5	65.2	37.3	96.3	88.4	74.2
Puducherry	99.9	99.8	70.6	61.3	81.1	77.6	41.3	59.1	71.2	38.1	74.6	63.0	51.7
Punjab	95.3	95.9	46.1	36.7	72.6	69.7	36.8	35.5	61.8	28.8	56.1	40.6	23.7
Rajasthan	95.8	96.2	53.2	46.8	76.5	64.9	24.5	25.6	64.3	27.1	60.7	52.0	34.6
Sikkim	96.1	97.5	49.1	43.2	72.5	86.0	48.3	65.3	60.5	31.5	75.9	64.1	46.8
Tamil Nadu	99.7	99.9	81.0	77.4	87.2	67.4	50.5	64.4	53.5	30.2	81.5	72.1	64.9
Telangana	97.5	94.0	79.1	76.8	76.8	72.2	42.6	38.5	54.7	38.9	81.6	71.9	58.3
Tripura	90.4	90.4	72.4	52.3	61.0	66.0	15.8	51.7	66.6	17.2	79.7	59.9	38.3
Uttar Pradesh	85.4	86.2	61.5	53.3	64.6	74.0	45.1	46.4	50.2	27.8	69.2	58.6	45.1
Uttarakhand	85.6	85.6	83.8	65.6	79.0	53.9	20.3	33.9	55.6	28.9	89.4	70.4	46.0
West Bengal	92.6	94.8	75.7	64.2	86.8	66.7	36.5	39.2	75.7	36.7	82.3	72.6	53.4

Summary

Coverage of most nutrition and health interventions improved between 2016 and 2021 across the continuum of care in India.

Pre-conception and pregnancy: Coverage of iodized salt reached 94% by 2021 and demand for family planning satisfied to 59%. Although ANC coverage reached 85%, ≥ 4 ANC visits remained below 60%. Coverage of IFA receipt reached 88%, but deworming remained low at 31%. Coverage of counseling on various topics improved to 58-62%.

Delivery and postnatal: Institutional deliveries reached 90% and births attended by skilled providers increased to 91% in 2021. Coverage of food supplementation was at 56% and health and nutrition education at 64%.

Early childhood: Coverage of full immunization and Vitamin A supplementation increased to 71% and 73%, respectively in 2021. However, coverage of pediatric IFA and deworming remained below 45%. Coverage of weighing and counselling after weighing improved to 46% and 61%, respectively.

Number of states with changes in coverage of interventions between 2015-16 and 2019-21

Interventions	Coverage increased	Coverage decreased	Coverage unchanged
Pre-conception and pregnancy			
Demand for FP satisfied	25	8	3
Iodized salt	13	9	14
Any ANC	21	14	1
ANC in first trimester	27	7	2
≥ 4 ANC	22	12	2
Received MCP card	31	4	1
Received IFA	31	3	2
Neonatal tetanus	15	17	4
Deworming	31	4	1
Weighing	27	6	3
Breastfeeding counselling	33	3	0
Counselling on keeping baby warm	33	3	0
Cord care counselling	34	1	1
Food supplementation	34	2	0
Health and nutrition education	36	0	0
Use of bed nets	13	17	6
Delivery and postnatal			
Institutional birth	34	0	2
Skilled birth attendant	29	1	6
Food supplementation	33	2	1
Health and nutrition education	35	0	1
Childhood			
Full immunization	26	8	2
Vitamin A	23	12	1
Pediatric IFA	33	3	0
Deworming	27	7	2
ORS during diarrhea	22	13	1
Zinc during diarrhea	27	7	2
Food supplementation	32	4	0
Weighing	35	1	0
Counselling on child growth	34	2	0

Annex 1: Indicator definition

Intervention	Definition
Pre-pregnancy and pregnancy	
Demand for family planning satisfied	Percentage of women aged 15-49 years with youngest child below five years with demand for family planning satisfied by modern methods.
Iodized salt	Percentage of households with youngest child below five years with iodized salt.
Any ANC	Percentage of women aged 15-49 years who received antenatal care (ANC) from any skilled provider during pregnancy for the most recent live birth in the five years preceding the survey.
ANC first trimester*	Percentage of women aged 15-49 years who received antenatal care (ANC) from a skilled provider during the first trimester for the most recent birth in the five years preceding the survey.
≥ 4ANC*	Percentage of women aged 15-49 years who received 4 or more antenatal care (ANC) visits from a skilled provider for the most recent birth in the five years preceding the survey.
Received MCP card*	Percentage of women aged 15-49 years who received mother and child protection card (MCP) during pregnancy for the most recent birth in the five years preceding the survey.
Received IFA tablet/syrup	Percentage of women aged 15-49 years who received iron folic acid (IFA) (given or purchased) during pregnancy for the most recent live birth in the five years preceding the survey.
Neonatal tetanus	Percentage of women aged 15-49 years who received two or more tetanus injections for the most recent birth in the five years preceding the survey.
Deworming- pregnancy	Percentage of women aged 15-49 years who took deworming medication during pregnancy for the most recent live birth in the five years preceding the survey.
Weighing*	Percentage of women aged 15-49 who were weighed during pregnancy for the most recent birth in the five years preceding the survey.
Breastfeeding counselling*	Percentage of women aged 15-49 years who met with a community health worker in the last three months of pregnancy for the most recent birth in five years preceding the survey and were advised on breastfeeding.
Counselling on keeping baby warm*	Percentage of women aged 15-49 years who met with a community health worker in the last three months of pregnancy for the most recent birth in five years preceding the survey and were advised on keeping the baby warm.
Cord care counselling*	Percentage of women aged 15-49 years who met with a community health worker in the last three months of pregnancy for the most recent birth in five years preceding the survey and were advised on cord care.
Food supplementation*	Percentage of women aged 15-49 years with youngest child below five years who received food supplements from ICDS during pregnancy.
Health & nutrition education*	Percentage of women aged 15-49 years with youngest child below five years who received health and nutrition education from ICDS during pregnancy.
Use of bed nets*	Percentage of women aged 15-49 years who slept under a treated bed net during pregnancy of the most recent live birth in the five years preceding the survey.
Delivery and postnatal	
Institutional birth	Percentage of live births in the five years preceding the survey to women aged 15-49 years in a health facility for the most recent live birth.
Skilled birth attendant	Percentage of live births years in the five years preceding the survey to women aged 15-49 that were assisted by a skilled provider.
Food supplementation*	Percentage of women aged 15-49 years with youngest child below five years who received supplementary food from ICDS during breastfeeding.
Health & nutrition education*	Percentage of women aged 15-49 years with youngest child under five years who received health and nutrition education from ICDS during breastfeeding.
Early childhood	
Full immunization	Percentage of children aged 12-23 months who received all basic vaccines at any time before the survey according to either the vaccination card or mother's report.
Vitamin A*	Percentage of children aged 9-35 months who received vitamin A supplements in the six months preceding the survey.
Pediatric IFA*	Percentage of children aged 6-36 months who were given iron supplements in the seven days preceding the survey.
Deworming*	Percentage of children aged 12-36 months who received deworming medication in the six months preceding the survey.
ORS during diarrhea	Percentage of living children below five years with diarrhea who were given fluid made from oral rehydration salts (ORS) or pre-packaged ORS fluid.
Zinc during diarrhea	Percentage of living children below five years with diarrhea who were given zinc.
Food supplementation*	Percentage of children aged 6-35 months who received food supplements from ICDS in the twelve months preceding the survey.
Weighing*	Percentage of children below five years who were weighed at an anganwadi centre (AWC) or ICDS centre in the twelve months preceding the survey.
Counselling on child growth*	Percentage of mothers with children below five years who received counselling from an ICDS/anganwadi worker or auxiliary nurse midwife (ANM) after they were weighed at an AWC in the twelve months preceding the survey.

Abbreviation list

Abbreviations	State/UT Name
AP	Andhra Pradesh
AN	Andaman & Nicobar Islands
AR	Arunachal Pradesh
AS	Assam
BR	Bihar
CH	Chandigarh
CG	Chhattisgarh
DNH	Dadra & Nagar Haveli and Daman & Diu
DL	Delhi
GA	Goa
GJ	Gujarat
HR	Haryana

Abbreviations	State/UT Name
HP	Himachal Pradesh
JK	Jammu & Kashmir
JH	Jharkhand
LA	Ladakh
LD	Lakshadweep
KA	Karnataka
KL	Kerala
MP	Madhya Pradesh
MH	Maharashtra
MN	Manipur
ML	Meghalaya
MZ	Mizoram

Abbreviations	State/UT Name
NL	Nagaland
OD	Odisha
PY	Puducherry
PN	Punjab
RJ	Rajasthan
SK	Sikkim
TN	Tamil Nadu
TL	Telangana
TR	Tripura
UP	Uttar Pradesh
UK	Uttarakhand
WB	West Bengal

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ABOUT POSHAN

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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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