

HEALTH DOSSIER 2021

Reflections on Key Health Indicators



PUDUCHERRY

DISTRICTS VISITED IN
COMMON REVIEW MISSIONS

Puducherry

Karaikal

PUDUCHERRY

1. BACKGROUND

1.1 Union Territory Profile

Puducherry is positioned^a 33rd Union territory in India by area, with a population of over 0.12 crore^b. The UT is divided into 4 districts as of 2021^c with an expected increase in population to 0.16 lakh by 2021^d. As per census 2011, the UT's Scheduled Caste population is 0.019 (15.73%). Around 31.66% of the population reside in rural areas, while the rest constitute the urban population. At present, no cities^e are covered under National Urban Health Mission. The total length of roads^f in Puducherry is 3,242 km (0.064%^g), in which, the length of the national highways is 64 km (0.1%^h).

A detail report on the key indicators is attached as Annexure 1

1.2 Demography

Puducherry's sex ratio at birth (823 females per 1000 males) is less than the national average of 899 females per 1000 males. The crude birth rate and the crude death rate in the UT has shown decline from 16.2 and 7.1 to 13.3 and 6.8, respectively (Annexure 2). The UT's literacy rate has improved from 81.2% (2001) to 85.8% (2011) with male & female literacy rates being 91.3% and 80.7% respectively. According to ESAG 2018 report, the Gross Enrolment Rateⁱ (GER) is 43.2% for higher education, 74.80% for senior secondary education (XI-XII), 88.95% for secondary education (IX-X), 85.64% for elementary education (I-VIII); and 84.79% for primary education (I-V).

1.3 Elderly

Population aging has profound social, economic, and political implications. In Puducherry, 1% of the elderly females living in rural areas, 13% of elderly females and 11.0% of elderly males in urban areas are

^a Among North-East UTs

^b Census 2011

^c RHS 2020

^d Census Population Projection 2019 Report

^e QPR NHM MIS Report as on 31 Dec 2020

^f Basic Road Statistics 2019, MoRTH

^g Percentage of total length of roads in State/UT

^h Percentage of total length of National Highways in the country

ⁱ Gross Enrolment Rate (GER): Total enrolment in a specific level of education, regardless of age, expressed as a percentage of the eligible official school-age population corresponding to the same level of education in a given school-year. School-age Population: Population of the age group which officially corresponds to the relevant level of education; senior secondary education is XI-XII, secondary is IX-X, primary is I-V and elementary is I-VIII

economically fully dependent on others. The illness (any deviation from the state of physical and mental well-being) perception among elderly men and women is 57% & 70% respectively, which are more than the national average of 31% for each (Elderly in India 2016).

2. HEALTH STATUS AT A GLANCE

2.1 Maternal Health

Puducherry has been able to provide RMNCHA+N^j services with major focus on primary and secondary care services under the NHM. Indicators for Antenatal care (ANC)^k, institutional deliveries, C sections, distribution of IFA^l tablets, follow up of high-risk pregnancies, provision of postnatal and newborn care have shown improvement since 2005 (NFHS 4 & 5). In Puducherry, 44% of women received 4 ANC check-ups (Annexure 1.4).

As per the NFHS 5 (Annexure 3) Karaikal reported good ANC coverage (88.3%), whereas, Yanam reported relatively poor ANC coverage of (79.8%). As reported in HMIS 2019-20, almost all deliveries took place in institutions, out of which 77% took place in public health facilities. Total percentage of C-sections is (31.9%) is higher than the WHO's standard (10-15%); and out of the total reported C-sections, about 48.9% are conducted at private facilities in the UT. Around 28.9% of women received their first postpartum check-up between 48 hours and 14 days (Annexure 1.4). Prevalence of Anaemia in women aged 15-49 years has increased from 52.4% (NFHS 4) to 55.1% (NFHS 5). Anaemia in females of reproductive age group is almost thrice when compared with men of similar age group (Annexure 2, figure 3).

Refer Annexure 3 for a detailed district wise comparison.

2.2 Newborn, Infant & Child Health

Puducherry has shown a significant decline in IMR from 28 (2005) to 9 (2019). As per the NHFS 5, the lowest SRB (884) in the UT is reported in Karaikal, while the highest (1202) is reported in Mahe.

Full vaccination^m coverage for children between 12-23 months of age has shown a decline from 92.8% (NFHS 4) to 89.7% (NFHS 5). The nutritional status within the UT has wide variation. For under 5- stunting, Mahe reported a high burden (48.2) and Puducherry reported a low burden (17) in the UT; whereas for under -5 wasting, Karaikal reported a high burden (15.3) and Mahe reported a low burden (7.3). In the UT, exclusive breastfeeding of children under 6 months has shown an improvement from 45.5% (NFHS 4) to 64.8% (NFHS 5).

2.3 Family Planning

As per the NFHS 5 report, the total unmet need in Puducherry is reported as 10.5%, while the unmet need for spacing is 3.2%. Yanam district reported the lowest total unmet need (1.2%), while Puducherry reported the highest (11.4%) in the UT. Approximately 62.1% of married women reported to avail any modern method of family planning in the UT (NFHS 5), with sterilization acceptance being 53.8% among females and 0.3% among males.

^j Reproductive, Maternal, Newborn, Child, Adolescent Health & Nutrition

^k Antenatal Check up

^l Iron Folic Acid Tablets

^m NFHS 5 State/UT Factsheet based on information from vaccination card only

2.4 Communicable Diseases

Puducherry has 4 IDSP units functionalⁿ. As per QPR reports, for TB, the annualized total case notification rate is 292% and NSP^o success rate is 83% as opposed to the national average of 163% and 79%, respectively. For NLEP^p, the reported prevalence rate of 0.22 per 10,000 population is less than the national average of 0.61. In FY 2019-20, with 3 deaths from Dengue, while none due to Malaria or Kala Azar are reported.

2.5 Non-Communicable Diseases (NCDs) and Injuries

In NFHS 5, it is reported that as high as 2.6% of women and 14.8% of men used any kind of tobacco, while 0.3% of women and 27.7% of men consumed alcohol. Puducherry is positioned 27th in the country for the total number of fatal road accidents with respect to other States and UTs (Annexure 1.4).

2.6 Health Care Financing

Puducherry's Net UT Domestic Product (NSDP) for FY 2018-19 is ₹ 33,598 crores. The UT is positioned 6th out of 32 States/UTs in terms of per capita^q of ₹ 2,20,461.

2.7 Health Infrastructure

As per the recent RHS data, the number of SCs, PHCs and CHCs have increased since 2005 (Annexure 2, Figure 6). Currently, there are 53 SCs, 24 PHCs, and 4 CHCs in place, against the required 93 SCs, 15 PHCs and 3 CHCs in rural areas. There are 15 UPHCs in place against the required 22 UPHCs. In addition to that, Puducherry has 5 DHs, 3 SDHs and 2 government medical colleges.

Under the Government of India flagship Ayushman Bharat Program, a total of 126 primary healthcare facilities (82 SHCs, 43 PHC & 1 UPHC) have been upgraded and are currently operational as Health & Wellness Centres (HWCs) to deliver Comprehensive Primary Health Care (as on 22nd Dec 2021, Annexure 1.3).

In Puducherry, 4 districts are equipped with MMUs under the NRHM, while none under the NUHM. Puducherry has 57% of required ASHAs in position under the NUHM. The doctor to staff nurse ratio in place is 1:3, with 11 public health providers (MO, specialists, staff nurse & ANM) per 10,000 population. Recent data (Annexure 1.3) reveals that out of 1000 population who availed services from public health facilities, 5478.4 availed (events) OPD services, while 119.2 availed (events) IPD services.

ⁿ QPR NHM MIS Report (Status as on 01.03.2020)

^o New Smear Positive

^p National Leprosy Eradication Programme

^q Directorate of Economics & Statistics

ANNEXURE 1: KEY INDICATORS

1.1 UT Profile^r

Indicator	Puducherry 2011 ¹	India
Total Population (In Crore)	0.12	121.08
Rural (%)	31.66	68.85
Urban (%)	68.33	31.14
Scheduled Caste population (SC) (in crore)	0.019 (15.83%)	20.14 (16.63%)
Scheduled Tribe population (ST) (in crore)	0	10.45 (8.63%)
Total Literacy Rate (%)	85.85	72.99
Male Literacy Rate (%)	91.26	80.89
Female Literacy Rate (%)	80.67	64.64
Number of Districts in the Puducherry ²	4	
Number of districts per lakh population in Puducherry (Census 2011)	Population ¹	Districts ¹ (Numbers)
	<1 Lakhs	2
	≥ 1 Lakhs - <2 Lakhs	1
	<10 lakhs	1
SC Districts (%)		
Karaikal - 17.65%		
Puducherry - 16.03%		
Yanam - 15.14%		
Mahe - 0.34%		

1.2 Key Health Status & Impact Indicators

Indicators	Puducherry	India
Infant Mortality Rate (IMR) ³	9	30
Crude Death Rate (CDR) ³	6.8	6
Crude Birth Rate (CBR) ³	13.3	19.7
Maternal Mortality Ratio (MMR) ³	N/A	113
Neo Natal Mortality Rate (NNMR) ⁴	N/A	23
Under Five Mortality Rate (U5MR) ⁴	N/A	36

^r Sources are mentioned at the end of Annexure 1

Still Birth Rate ⁴	N/A	4
Total Fertility Rate (TFR) ⁴	N/A	2.2
Life expectancy at birth ⁵	N/A	69.4
Sex Ratio at Birth ⁴	823	899

1.3 Key Health Infrastructure Indicators^s

Indicators				Numbers (Total)
Number of District Hospitals ²				5
Number of Sub District Hospital ²				3
Number of Government Medical College ⁶				2
Number of Private Medical Colleges ⁶				7
Number of AB-HWCs functional as of 22 nd December 2021 ¹⁶	Status (Total)	Target FY (2020-21)	Target FY (2021-22)	Target FY (2022-23)
SHC-HWC	82	8	15	25
PHC-HWC	43	24	24	24
UPHC-HWC	1	5	5	5
Total-HWC	126	37	44	54
Rural ²	Required (R)	In place (P)	Shortfall (S) (%)	
Number of Community Health Centres (CHC)	3	3	0.00	
Number of Primary Health Centres (PHC)	15	24	-60.00	
Number of Sub Centres (SC)	93	53	43.01	
Number of functional First Referral Units (FRUs)	DH	SDH	CHC	
	4	0	0	
Urban ²	Required (R)	In place (P)	Shortfall (S) (%)	
Number of PHC	22	15	31.82	
Tribal ²	Required (R)	In place (P)	Shortfall (S)%	
Number of CHC	NA	NA	NA	
Number of PHC	NA	NA	NA	
Number of SC	NA	NA	NA	
Patient Service ⁹		Puducherry	India	
IPD per 1000 population		119.2	62.6	
OPD per 1000 population		5478.4	1337.1	
Operation (surgeries) major (General and Spinal Anaesthesia) per 10000 population		113.5	36.4	

^s Sources are mentioned at the end of Annexure 1

1.4 Major Health Indicator^t

% Share of DALYs to Total Disease Burden (GBD 2019) ⁷	Puducherry	India
% DALY ^u accountable for CMNNDs ^v	NA	27.46
% DALY accountable for NCDs	NA	61.43
% DALY accountable for Injuries	NA	11.11
Birth, Death Registration & Medical Certification of Cause of Death (MCCD) Indicator ⁸	Puducherry	India
Level of Birth Registration (%)	100	92.7
Level of Death Registration (%)	100	92
Percentage of medically certified deaths to total registered deaths (%)	71.3	20.7
RMNCHA+N		
Maternal Health ⁹	Puducherry	India
% 1st Trimester registration to Total ANC Registrations	27.5	71.9
% Pregnant Woman received 4 ANC check-ups to Total ANC Registrations	44	79.4
Total Reported Deliveries	43,178	2,14,10,780
% Institutional deliveries to Total Reported Deliveries	100	94.5
% Deliveries conducted at Public Institutions to Total Institutional Deliveries	77	67.9
% Deliveries conducted at Private Institutions to Total Institutional Deliveries	23	32.1
% C-section deliveries (Public + Pvt.) to reported institutional (Public + Pvt.) deliveries	31.9	20.5
% C-sections conducted at public facilities to Deliveries conducted at public facilities	26.8	14.1
% C-sections conducted at Private facilities to Deliveries conducted at private facilities	48.9	34.2
% Women getting 1st Post-Partum Checkup between 48 hours and 14 days to Total Reported Deliveries	28.9	53.4
Neonatal ⁹	Puducherry	India
% live birth to Reported Birth	99	98.8
% Newborns having weight less than 2.5 kg to Newborns weighed at birth	17.5	12.4
% Newborns breast fed within 1 hour of birth to Total live birth	72.6	89.9
New Born Care Units Established ¹¹	Puducherry	India
Sick New Born Care Unit (SNCU)	4	895
New Born Stabilization Unit (NBSU)	4	2418
New Born Care Corner (NBCC)	10	20337

^t Sources are mentioned at the end of Annexure 1

^u Disability Adjusted Life Years

^v Communicable, Maternal, Neonatal, and Nutritional Diseases

Child Health & Nutrition¹⁰	Puducherry (NFHS 5)	India (NFHS 5)
Prevalence of diarrhoea (reported) in the last 2 weeks preceding the survey (%)	3.7	7.3
Children with diarrhoea in the last 2 weeks who received oral rehydration salts (ORS) (%)	N/A	60.6
Children under 5 years who are underweight (weight-for-age) (%)	15.3	32.1
Child Immunization¹⁰	Puducherry (NFHS 5)	India (NFHS 5)
Children age 12-23 months fully vaccinated based on information from vaccination card only (%)	89.7	83.8
Children age 12-23 months who have received BCG (%)	96.4	95.2
Children age 12-23 months who have received first dose of measles containing vaccine (%)	95.6	87.9
Family Planning¹⁰	Puducherry (NFHS 5)	India (NFHS 5)
Unmet need for spacing (%)	3.2	4
Communicable Diseases		
Integrated Disease Surveillance Programme (IDSP)¹¹	Puducherry	India
Number of districts with functional IDSP unit	4	720
Revised National Tuberculosis Control Programme (RNTCP)¹¹	Puducherry	India
Annualized total case notification rate (%)	292	163
New Smear Positive (NSP) Success rate (in %)	83	79
National Leprosy Eradication Programme (NLEP)¹¹	Puducherry	India
Prevalence Rate/10,000 population	0.22	0.61
Number of new cases detected	49	1,14,359
Malaria, Kala Azar, Dengue¹¹	Puducherry	India
Deaths due to Malaria ¹¹	0	79
Deaths due to Kala azar reported ¹¹	0	0
Deaths due to Dengue reported ¹¹	3	168
Number of Kala Azar Cases reported ¹¹	0	3,706
HIV¹⁰	Puducherry (NFHS 5)	India (NFHS 5)
Women (age 15-49 years) who have comprehensive knowledge of Human Immunodeficiency Virus (HIV)/Acquired immunodeficiency syndrome (AIDS) (%) ¹⁰	30.2	21.6
Men (age 15-49 years) who have comprehensive knowledge of HIV/ AIDS (%) ¹⁰	32.5	30.7

Non-Communicable Disease		
Diabeties and Hypertension ¹⁰	Puducherry (NFHS 5)	India (NFHS 5)
Women - Slightly above normal (Systolic 140-159 mm of Hg and/or Diastolic 90-99 mm of Hg) (%)	12.1	12.4
Men - Slightly above normal (Systolic 140-159 mm of Hg and/or Diastolic 90-99 mm of Hg) (%)	19.1	15.7
Women - Blood sugar level - high (>140 mg/dl) (%)	7.2	6.1
Men - Blood sugar level - high (>140 mg/dl) (%)	7	7.3
Tobacco Use and Alcohol Consumption among Adults (age 15 years & above) ¹⁰	Puducherry (NFHS 5)	India (NFHS 5)
Women who use any kind of tobacco (%)	2.6	8.9
Men who use any kind of tobacco (%)	14.8	38
Women who consume alcohol (%)	0.3	1.3
Men who consume alcohol (%)	27.7	18.8
Injuries		
Road Traffic Accident ¹²	Puducherry	India
Rank (Total number of fatal Road Accidents in State/UT wrt other States/UTs)	27	NA
Total number of fatal Road Accidents	143	1,37,689
Severity (Road accident deaths per 100 accidents) of Road Accidents	10.6	33.7
Number of persons killed in Road Accidents	147	115113

1.5 Access to Care^w

Health Systems Strengthening		
Ambulances & Mobile Medical Units (MMU) ¹¹	Puducherry	India
Number of Districts equipped with MMU under NRHM	4	506
Number of Districts equipped with MMU/Health Units under NUHM	0	31
Number of ERS vehicles operational in the States/UTs Under NHM	Puducherry	India
102 Type	0	9955
104 Type	0	605
108 Type	11	10993
Others	0	5129
Number of Ambulances functioning in the State/UTs other than NHM (At PHC/CHC/SDH/DH)	43	11070

^w Sources are mentioned at the end of Annexure 1

Key Domain Indicators			
ASHA ¹³	Puducherry	India	
Total number of ASHA targeted under NRHM	0	946563	
Total number of ASHA in position under NRHM	0	904211	
% of ASHA in position under NRHM	0	96	
Total number of ASHA targeted under NUHM	341	75597	
Total number of ASHA in position under NUHM	193	64272	
% of ASHA in position under NUHM	56.60	85	
Community Process ¹¹	Puducherry	India	
Number of Village Health Sanitation and Nutrition Committees (VHSNCs) constituted	100	554847	
Number of Mahila Arogya Samitis (MAS) formed	25	81134	
Number of Rogi Kalyan Samitis (RKS) registered (Total) ¹¹	Puducherry	India	
DH	5	796	
CHC	4	6036	
PHC	39	20273	
UHC	0	126	
UPHC	0	3229	
Human Resource for Health ¹⁴			
HRH Governance		Puducherry	
Specialist Cadre Available in the state (Y/N)		Yes	
HR Policy available (Y/N)		No	
Implementation of HRIS (Y/N)		No	
HR Integration initiated (Y/N)		No	
Public Health Cadre available (Y/N)		No	
Overall Vacancies (Regular + contractual)	Specialists (%)	41	
	Dentists (%)	14	
	MO MBBS (%)	14	
	Nurse (%)	3	
	LT (%)	35	
	ANM (%)	12	
HRH Distribution		Sanctioned	In Place
Doctors (MO & specialists) to staff nurse ¹⁴		1:2	1:3
Availability of public healthcare providers (MO, specialists, staff nurse & ANM) in district healthcare system ¹⁴		12 per 10,000	11 per 10,000
Regular to contractual service delivery staff ratio ¹⁴		6:1	9:1

Ranking: Human Resource Index of Puducherry¹⁵

Category	Total (Regular + NHM)					Ranking: HR Gap Index
	Required (R)	Sanctioned (S)	In-Place (P)	Vacancy (V)	Actual Gap# (R-P)	
MPW ^x	324	338	272	66	52	72.59
Staff Nurse	1553	1269	1221	48	332	
Lab Technician	222	124	97	27	125	
Pharmacists	115	171	149	22	0	
MO MBBS ^y	286	399	389	10	0	
Specialist ^z	319	160	106	54	213	

1.6 Healthcare Financing^{aa}

National Health Accounts (NHA) (2017-18)	Puducherry		India	
Per Capita Government Health Expenditure (in ₹)	NA		1,753	
Government Health expenditure as % of Gross Domestic Product (GSDP)	NA		1.35	
Government Health Expenditure as % of General Government Expenditure (GGE)	NA		5.12	
OOPE as a Share of Total Health Expenditure (THE) %	NA		48.8	
National Sample Survey Office (NSSO) (2017-2018)	Puducherry		India	
	Rural	Urban	Rural	Urban
OPD - % of non-hospitalized cases using public facility	NA	NA	33	26
IPD - % of hospitalized cases using public facility	NA	NA	46	35
Out of Pocket Expenditure (OOPE) (NSSO)*	Rural	Urban	Rural	Urban
OPD - Per non-hospitalized ailing person (in INR) in last 15 days - Public	NA	NA	472	486
OPD - Per non-hospitalized ailing person (in INR) in last 15 days - Private	NA	NA	845	915
IPD - Per hospitalized case (in INR) - Public	NA	NA	5,729	5,939
IPD - Per hospitalized case (in INR) - Private	NA	NA	28,816	34,122
IPD - % of diagnostics expenditure as a proportion of inpatient medical expenditure in Public (NSSO)	NA	NA	18	17
IPD - % of drugs expenditure as a proportion of inpatient medical expenditure – Public (NSSO)	NA	NA	53	43

^x MPW – Multi Purpose Health Worker (Female + Male)

^y MO MBBS (Full Time)

^z Specialist (All Specialist)

^{aa} Sources are mentioned at the end of Annexure 1

* Estimated by NHSRC using unit level data of NSSO 2017-18, where OOPE = [Total Medical Expenditure + Transportation Cost] – Reimbursement

Childbirth - Average out of pocket expenditure per delivery in public health facility (₹) (NSSO)	NA	NA	2,402	3,091
Childbirth - Average out of pocket expenditure per delivery in private health facility (₹)	NA	NA	20,692	26,701
State Health Expenditure	Puducherry		All India Average	
State Health Department expenditure as a share of total expenditure (%) (2017-18)**	7.4		5 ^{bb}	

Sources used for Annexure 1

- ¹ Census 2011
- ² Rural Health Statistic (RHS) 2019-20
- ³ Sample Registration Survey (SRS) Bulletin 2018 & 2019
- ⁴ Registrar General of India (RGI) Statistical Report (SRS) 2018
- ⁵ SRS Based Abridged Life Tables 2014-18
- ⁶ National Health Profile 2020
- ⁷ Global Burden of Disease Data 2019, <https://vizhub.healthdata.org/gbd-compare/>
- ⁸ Annual Report on Vital Statistics of India based on CRS 2019 & Medical Certification of Cause of Death 2019
- ⁹ HMIS (2019-20)
- ¹⁰ NFHS 4 & 5
- ¹¹ QPR NHM MIS Report [Status as on 01.03.2020 & recent 31.12.2020 (some indicators removed from the recent report have been taken from report released on 01.03.2020)]
- ¹² Ministry of Road Transport & Highways (MoRTH) - Road Accidents in India 2019
- ¹³ Update on ASHA Programme July 2019 (NHSRC Publication)
- ¹⁴ Human Resources for Health in District Public Health Systems of India: State Wise Report 2020
- ¹⁵ HRH Division NHSRC
- ¹⁶ As per HWC Portal

^{bb} Represents data for all states and 2 UTs with legislative assembly (Puducherry + Delhi)

^{**} RBI, State Finances: Study of Budgets 2019-20

ANNEXURE 2

Figure 1: IMR Trend

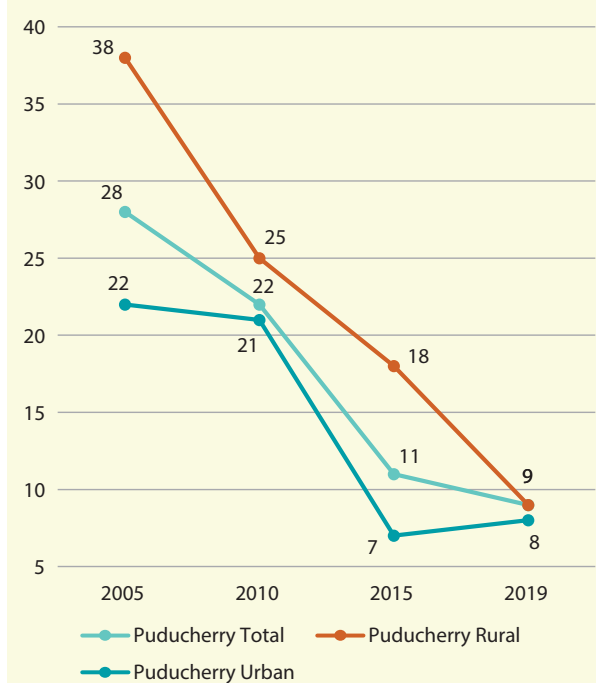


Figure 2: CBR & CDR Trend

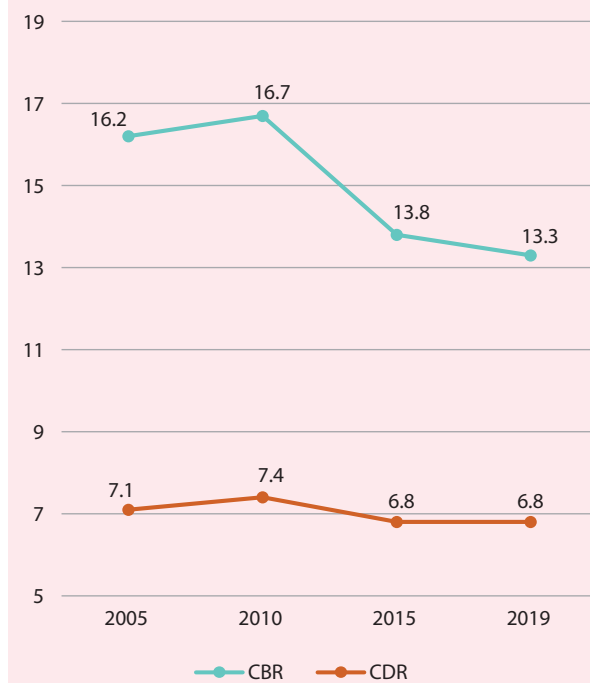


Figure 3: Comparison of Key NFHS 5 & 4 Indicators

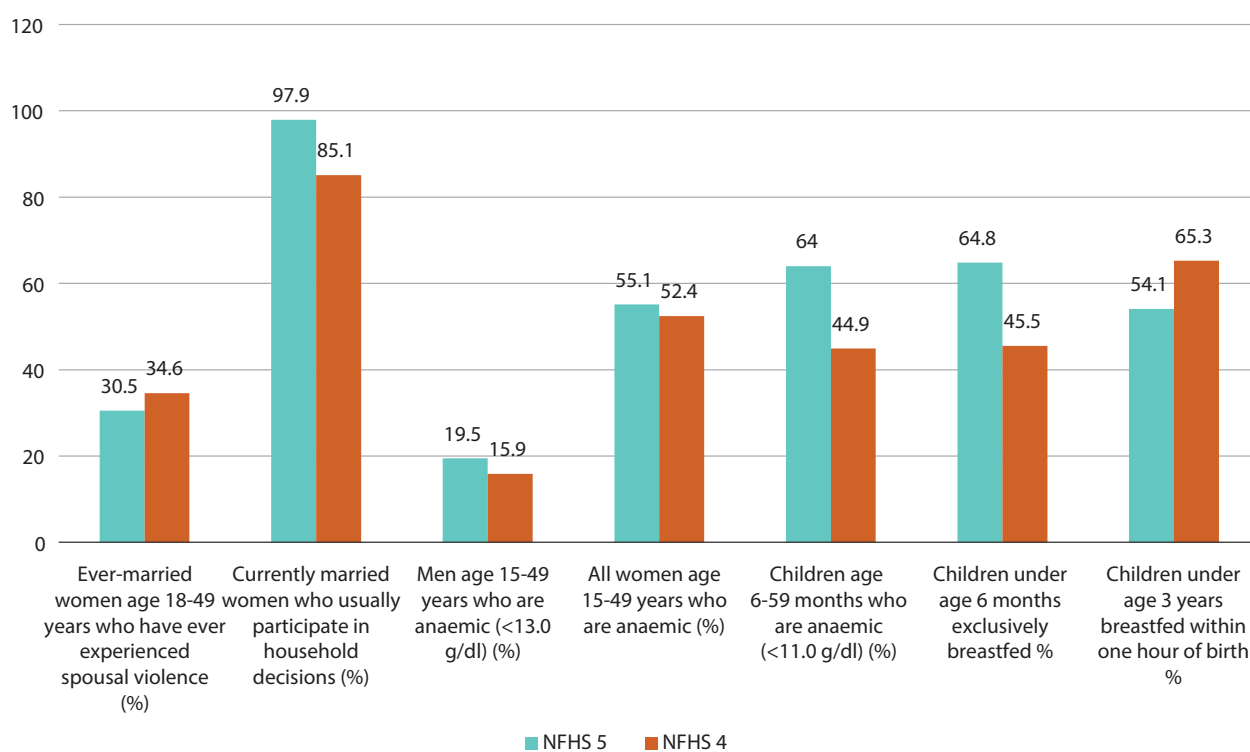


Figure 4: Year Wise Required/In Position Health Infrastructure Status in Rural Area (In numbers)

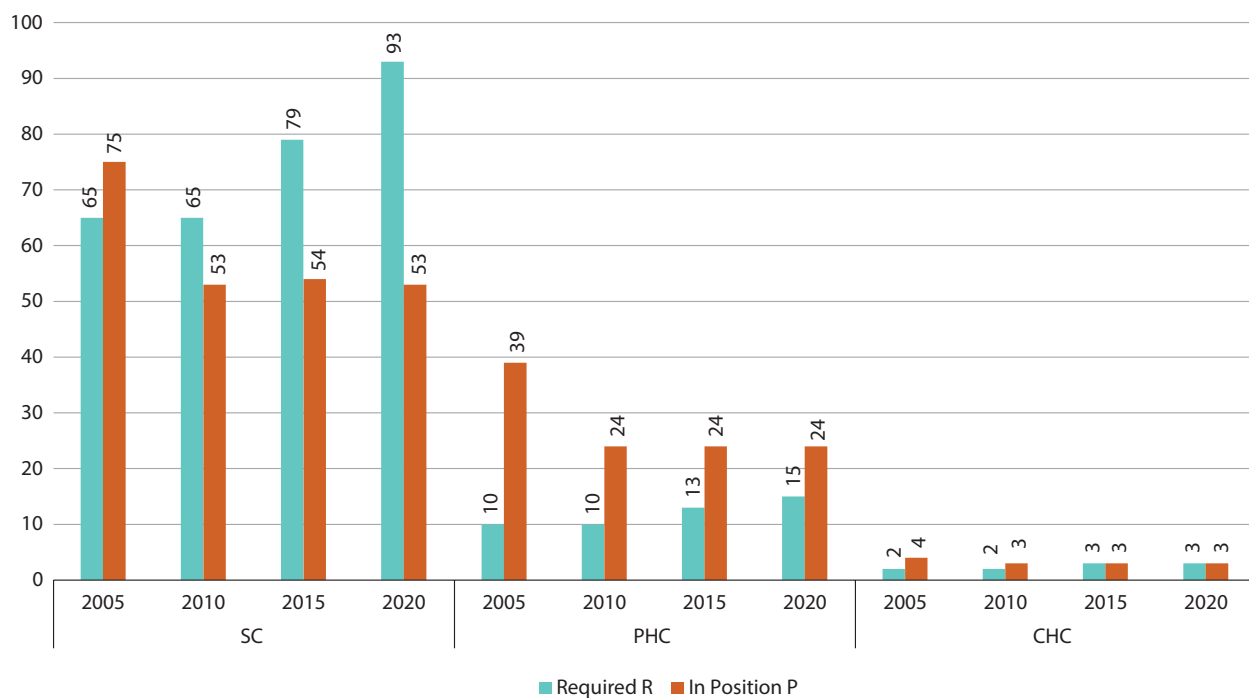


Figure 5: Year Wise Health Infrastructure Shortfall (%)

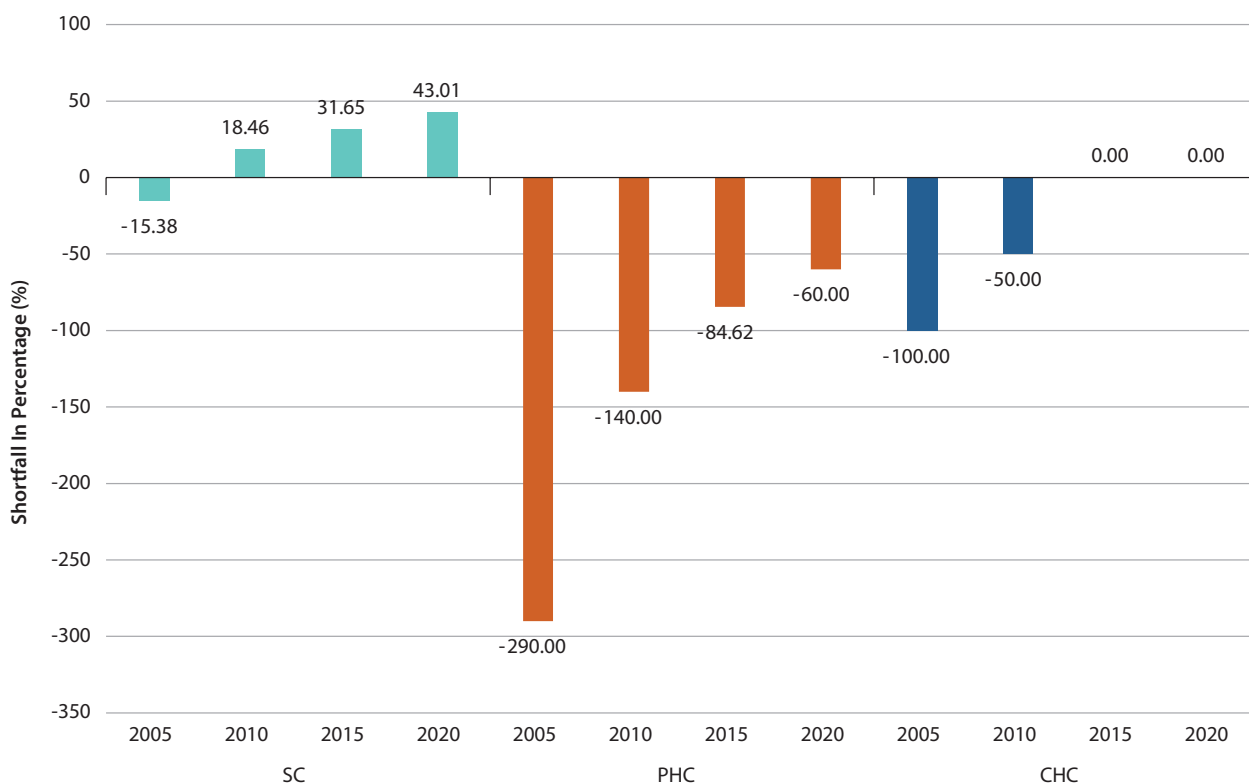
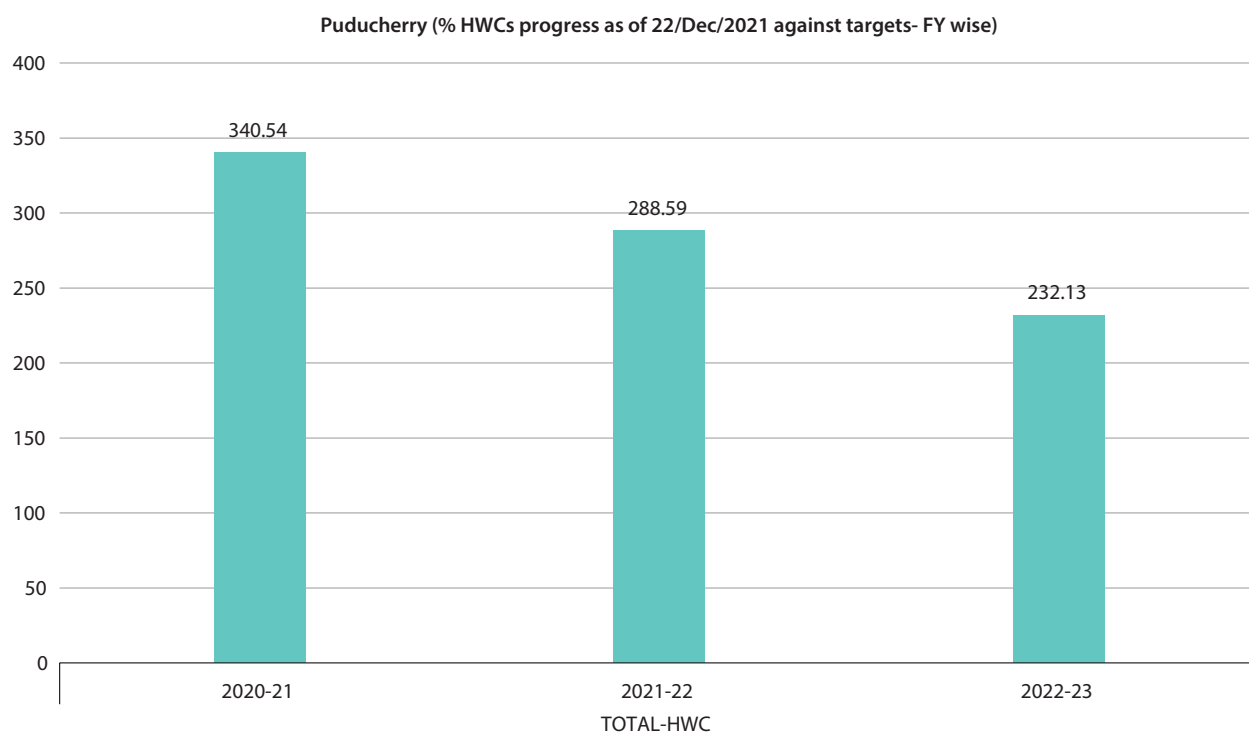


Figure 6: Percentage HWCs progress against target - FY wise (%)



ANNEXURE 3: DISTRICT WISE PERFORMANCE WITH RESPECT TO KEY NFHS 5 INDICATORS

S. No.	States/Districts	Data Source	Sex Ratio At Birth (Females/1000 Males)	Households with any usual member covered under a health insurance/financing scheme (%)	Women Literate 15-49 Age (%)	Women Age 20-24 Years Married Before 18 (%)	Any Method Used For Family Planning By Currently Married Women Age 15-49 years (%)	IUD/PPIUD (%)	Condom Use (%)	Total Unmet Need (%)	Mother Who Had At Least 4 Antenatal Care Visits (%)	Institutional Births (%)	Children Age 12-23 Months Fully Vaccinated Based On Information From Vaccination Card Only* (%)	Total Children Age 6-23 Months Receiving Adequate Diet**, # (%)	Children Under 5 Years - Stunted ^Δ (Height For Age) (%)	Children Under 5 Years - Wasted ^Δ (Weight For Height) (%)
1	Puducherry	NFHS 4 Total	843	32.8	NA	10.7	61.9	2.6	0.8	8.3	87.7	99.9	92.8	31.1	23.7	23.6
2	Puducherry	NFHS 5 Urban	857	30	90.7	8.6	65.8	2.1	5.8	10.7	90	99.5	90.2	20.6	21.7	12.1
3	Puducherry	NFHS 5 Rural	1268	30.5	87.4	1	66.4	1.3	3.1	10.2	78.9	99.7	NA	31.9	15.6	12.9
4	Puducherry	NFHS 5 Total	959	30.1	89.7	6.5	66	1.9	5	10.5	86.9	99.6	89.7	22.9	20	12.4
5	Karaikal	NFHS 5 Total	884	26.9	88.8	7.2	59.7	1.8	3.9	10.2	88.3	99.6	96.6	17.9	25.5	15.3
6	Mahe	NFHS 5 Total	1202	23.6	99.6	2.8	73.6	1.6	9	6.8	85	100	95.3	38.5	48.2	7.3
7	Puducherry	NFHS 5 Total	963	31.3	90.1	5.7	66.5	1.9	5.2	11.4	87	99.5	87.6	25.5	17	11.6
8	Yanam	NFHS 5 Total	1154	29.2	82.2	15.9	79.6	0.9	2.9	1.2	79.8	100	92.4	1.3	25	12.4

* NFHS5 replaced 'Immunized' (word) from NFHS4 to 'Vaccinated'; Out of two indicators with either vaccination card or mother's recall - 'vaccination card only' indicator was used to reduce the recall bias, among children whose vaccination card was shown to the interviewer, percentage vaccinated with BCG, measles-containing vaccine (MCV)/MMR/Measles, and 3 doses each of polio (excluding polio vaccine given at birth) and DPT or penta vaccine

** Based on the youngest child living with the mother

Breastfed children receiving 4 or more food groups and a minimum meal frequency, non-breastfed children fed with a minimum of 3 Infant and Young Child Feeding Practices (fed with other milk or milk products at least twice a day, a minimum meal frequency that is receiving solid or semi-solid food at least twice a day for breastfed infants 6-8 months and at least three times a day for breastfed children 9-23 months, and solid or semi-solid foods from at least four food groups not including the milk or milk products food group)

Δ Below -2 standard deviations, based on the WHO standard. 13 Below -3 standard deviations, based on the WHO standard

A. Green Color - Best performing districts within the districts for a particular indicator

B. Red - Worst performing districts within the districts for a particular indicator

C. * Full antenatal care is at least four antenatal visits, at least one tetanus toxoid (TT) injection and iron folic acid tablets or syrup taken for 100 or more days

D. ** Based on the youngest child living with the mother

E. # Breastfed children receiving 4 or more food groups and a minimum meal frequency, non-breastfed children fed with a minimum of 3 Infant and Young Child Feeding Practices (fed with other milk or milk products at least twice a day, a minimum meal frequency that is receiving solid or semi-solid food at least twice a day for breastfed infants 6-8 months and at least three times a day for breastfed children 9-23 months, and solid or semi-solid foods from at least four food groups not including the milk or milk products food group)

F. Δ Below -2 standard deviations, based on the WHO standard. 13 Below -3 standard deviations, based on the WHO standard

NOTES

This image shows a full page of blank, lined paper. It features approximately 20 evenly spaced horizontal grey lines across the entire width of the page, providing a guide for writing. The background is a solid off-white color. There are no margins, text, or other markings present.

LIST OF CONTRIBUTORS

Maj Gen (Prof) Dr. Atul Kotwal, Executive Director, NHSRC

KNOWLEDGE MANAGEMENT DIVISION, NHSRC

Dr. Neha Dumka, Lead Consultant

Dr. Deepak Bhagat, Consultant

Dr. Erin Hannah, Fellow

Dr. Vineeta Sharma, Consultant

Dr. Padam Khanna, Senior Consultant

Mr. Arun Srivastava, Senior Consultant

Dr. Rajnesh Kumar, Consultant

Dr. Vineet Kumar Pathak, Senior Consultant

Dr. Devaki, Senior Consultant

Dr. Tarannum Ahmed, Consultant

Dr. Roopani, Consultant

Dr. Diksha Dhupar, Consultant



NATIONAL HEALTH SYSTEMS RESOURCE CENTRE