OUR RESOLVE

"Healthy Mother & Child For Healthy Nation

OUR CORE VALUES

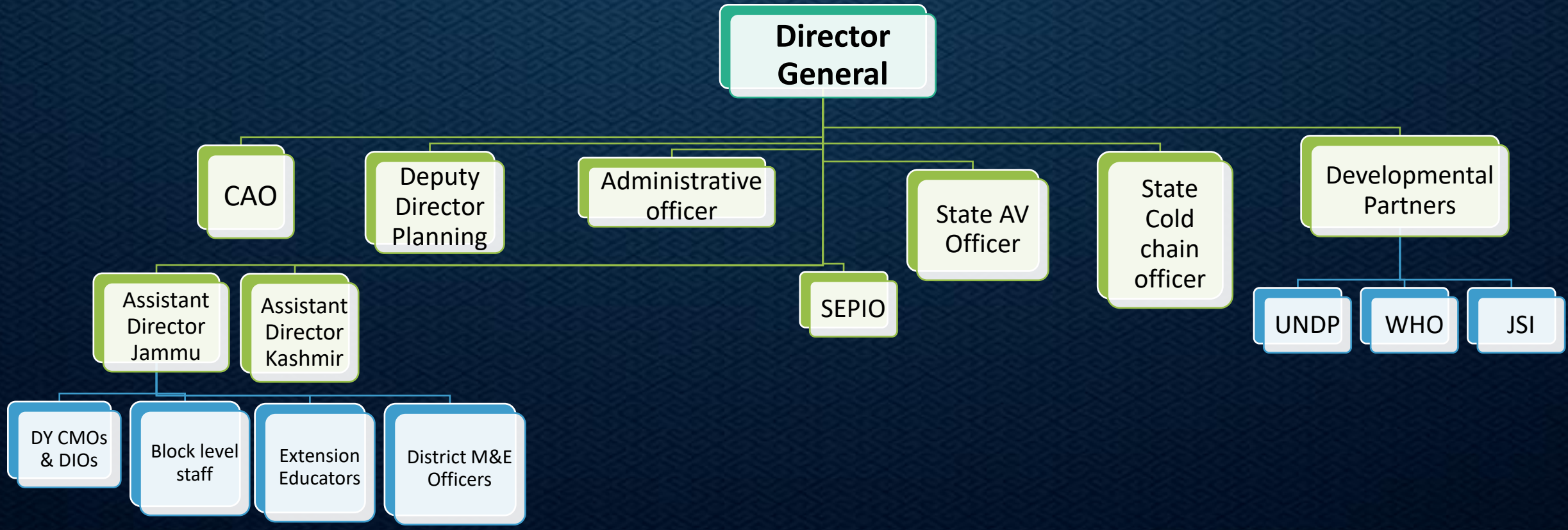
To deliver healthcare services of the highest possible standards

To responsibly account for healthcare resources to deliver on commitments

Transparency in communication, strategies and conduct at all situations and times

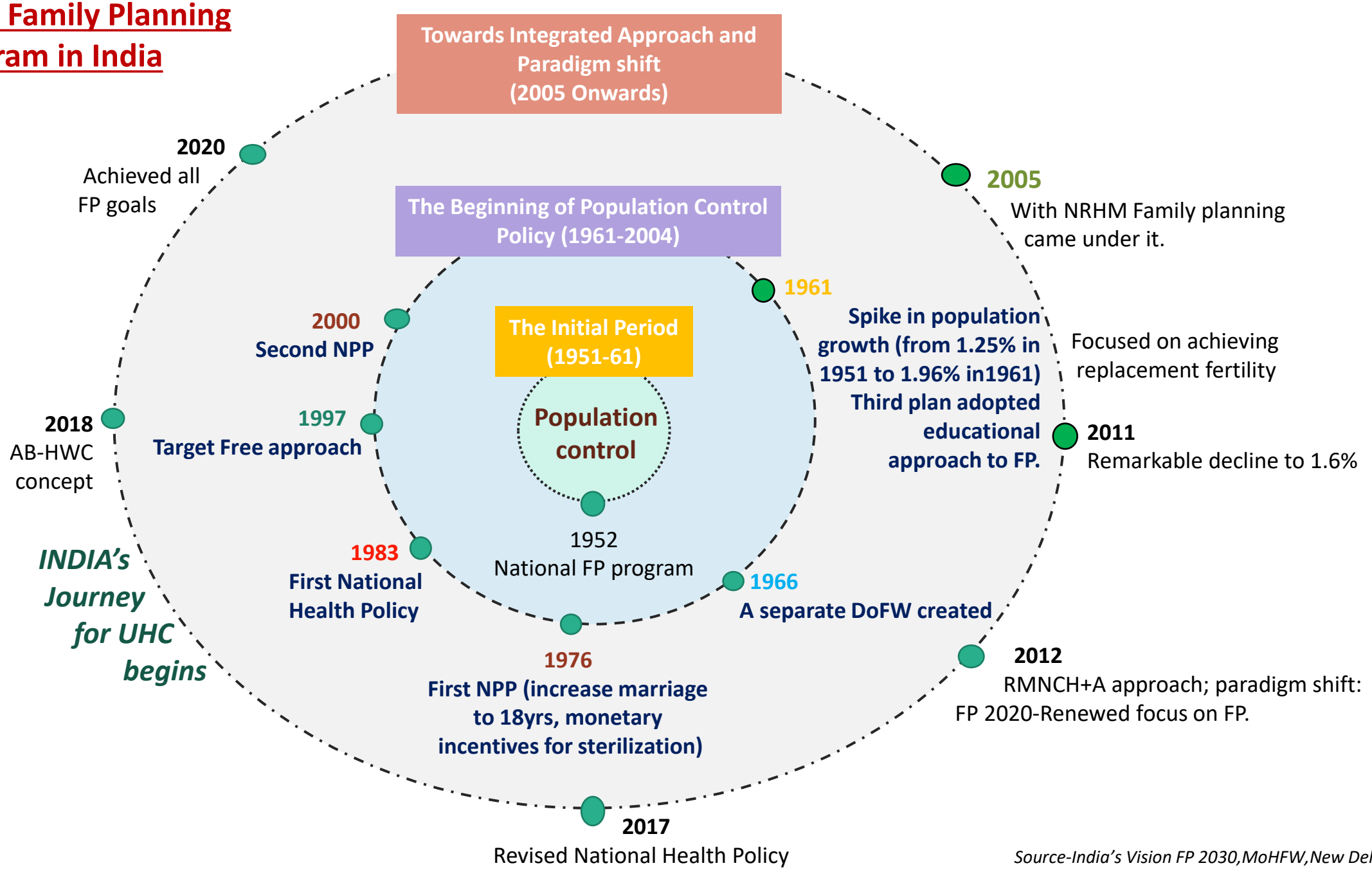
Our fraternity stands together as one to overcome challenges and provide quality healthcare services.

Organizational Structure



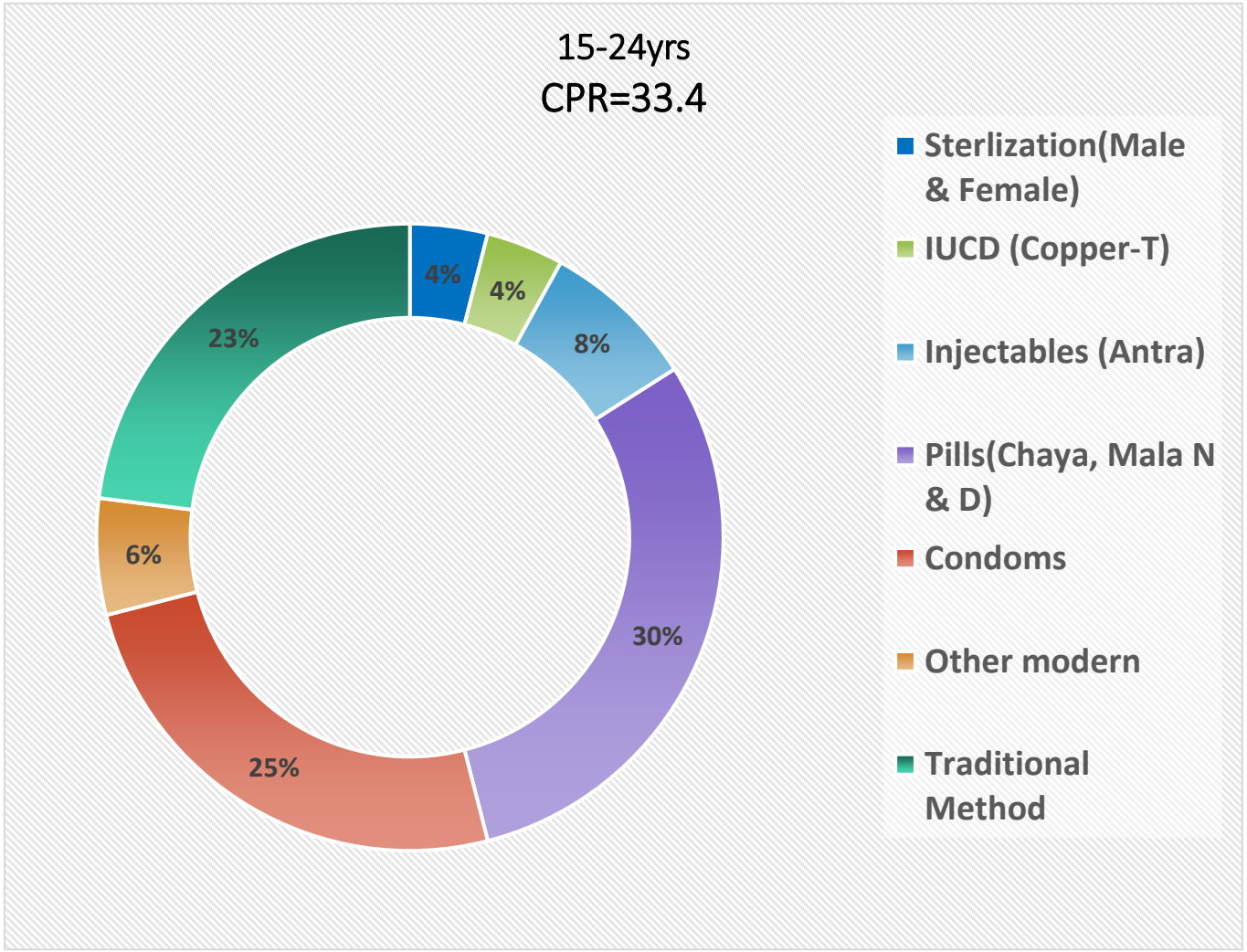
Family Planning

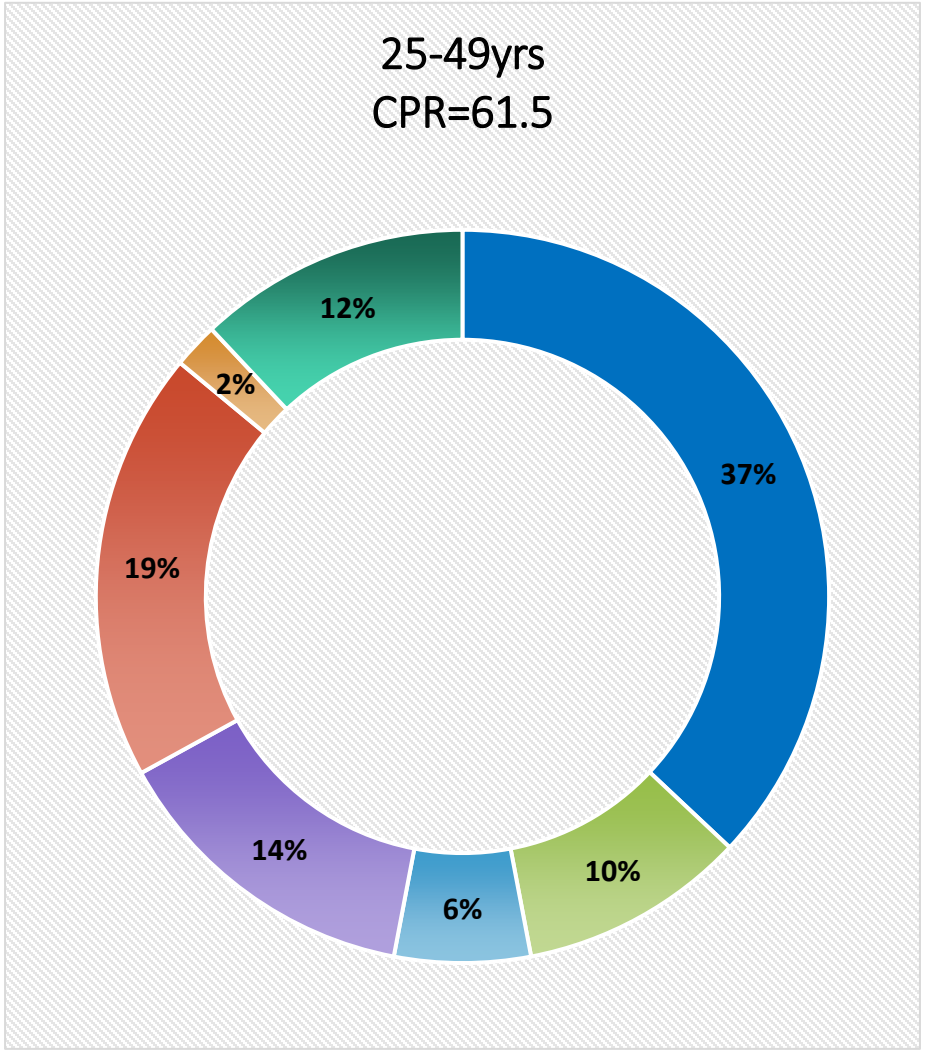
Advent of Family Planning program in India



Source-India's Vision FP 2030,MoHFW,New Delhi

Contraceptive Method Mix by age group



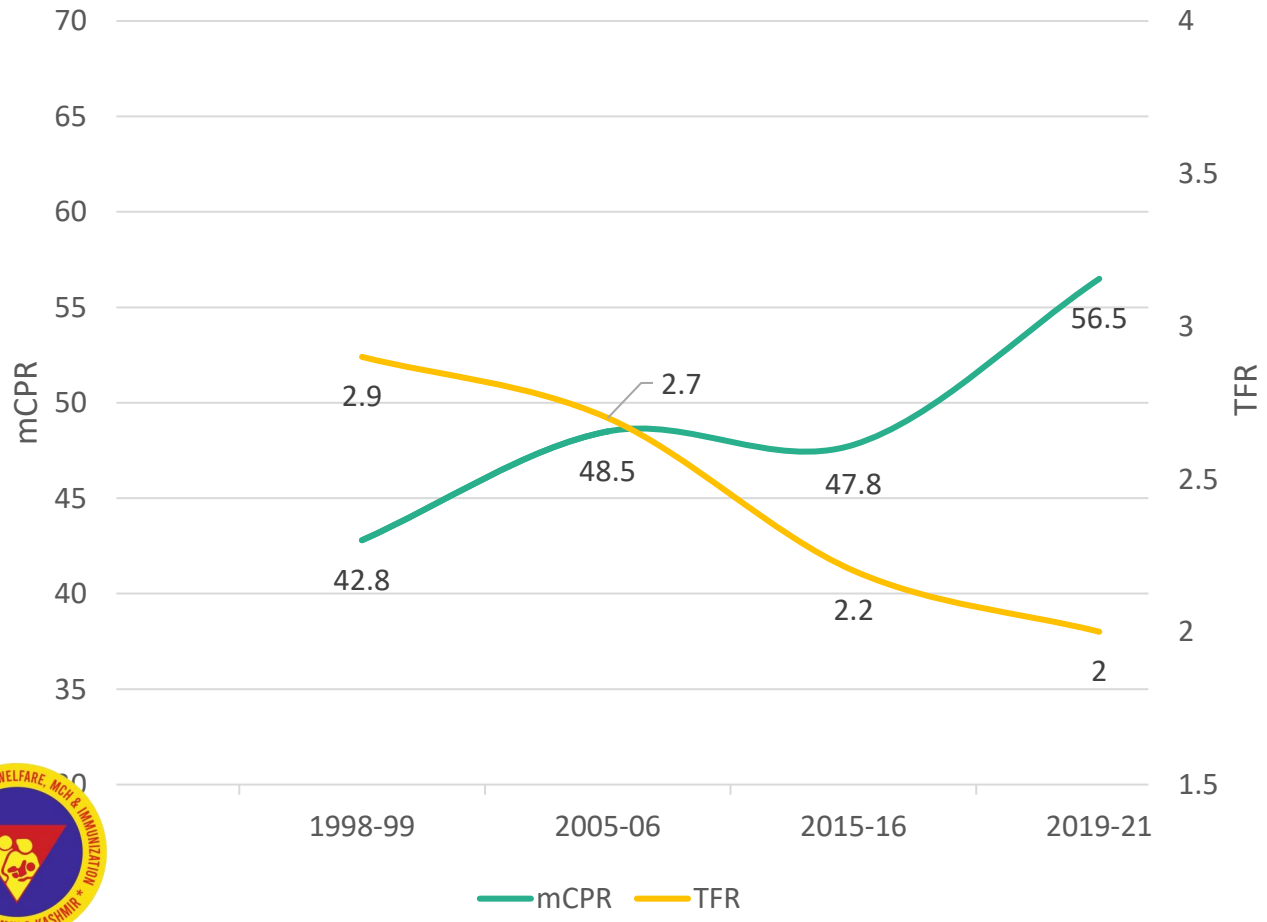


Progress in FP indicators, J&K

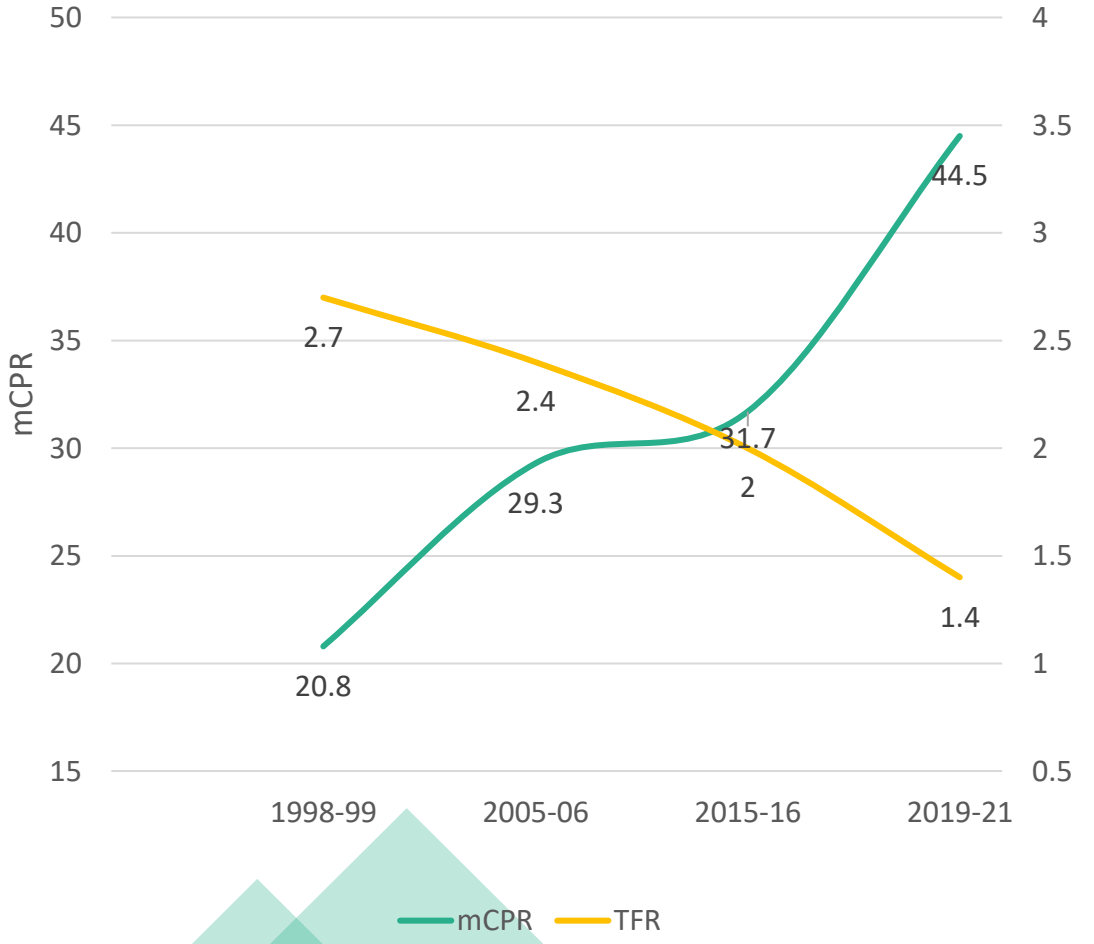
	2015-16	2019-21
• Any modern contraceptive method use		
Parity 0-1	20.9	26.7
Parity 2+	54.7	62.7
• Reversible contraceptive methods use	21.1	31.1
• mCPR	31.7	44.5
• Unmet Need for spacing	5.8	3.9
• Unmet Need for limiting	6.6	3.9
• FP demand satisfied by modern method	65.9	77.7
• Postpartum (12m) use of modern contraceptive method	38.9	51.5

Trends in Prevalence of Modern Contraceptive Methods and TFR, India and J&K

For India



For J&K

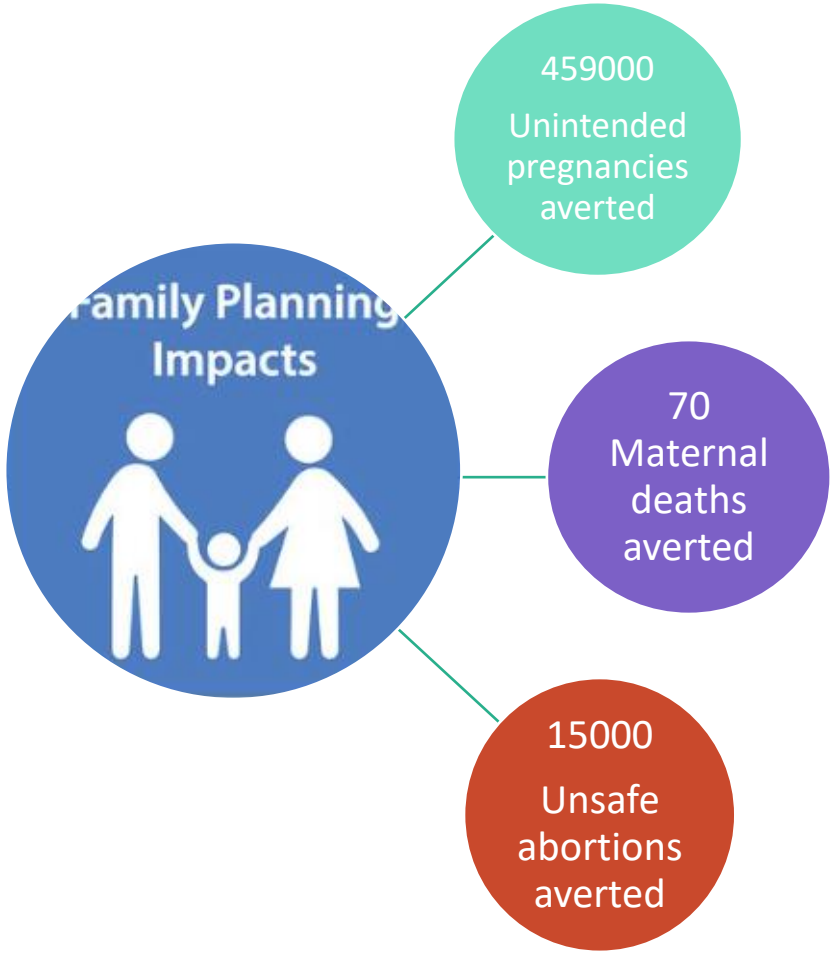


Achievements of FP program in J&K

8% point increases in modern contraceptives prevalence

3.1 million additional users

Increase in share of reversible modern method from 46%in 2015-16 to 59% in 2019-21



India's vision for FP 2030:Strategic Priorities

Addressing the FP needs of Vulnerable Population (Ensuring Universal, Equitable, Non-Discriminatory and Comprehensive Services)

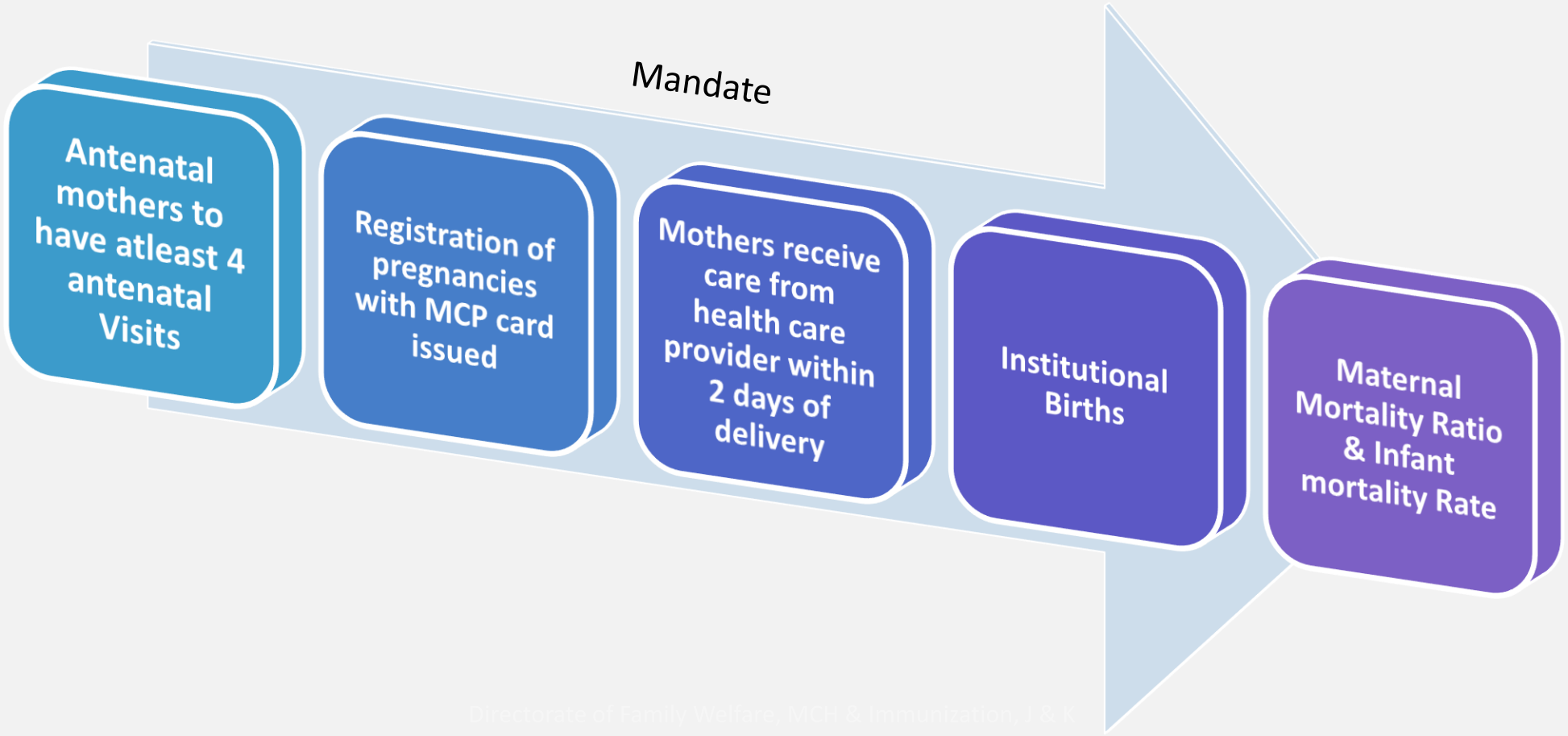
Ensuring Male participation (Ensuring equitable and comprehensive services)

Improving Access and availability of contraceptive services (Ensuring Universal, comprehensive, choice based and quality services)

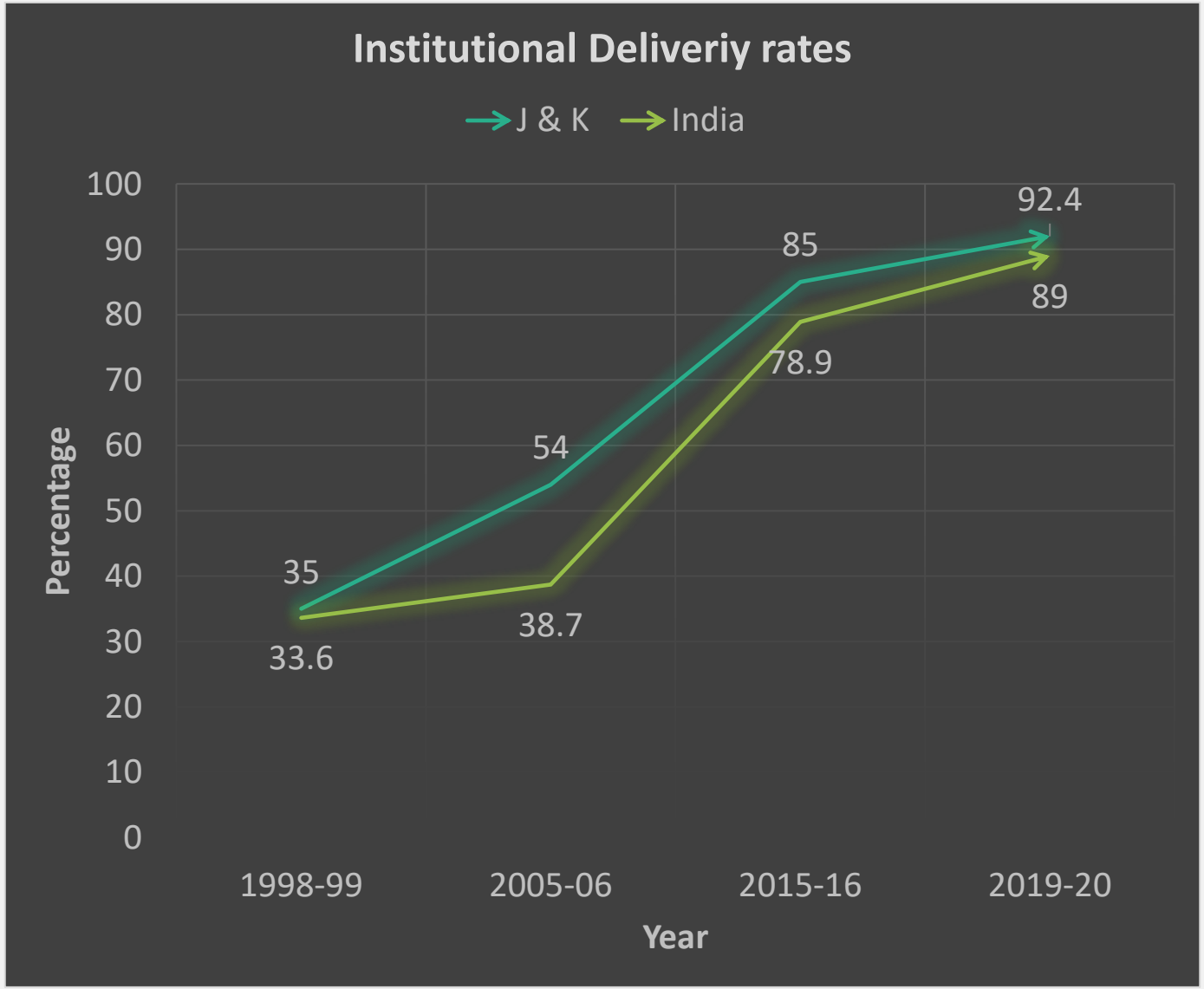
Engaging community and other stakeholders

Maternal and Child Health

Maternal & Child Health

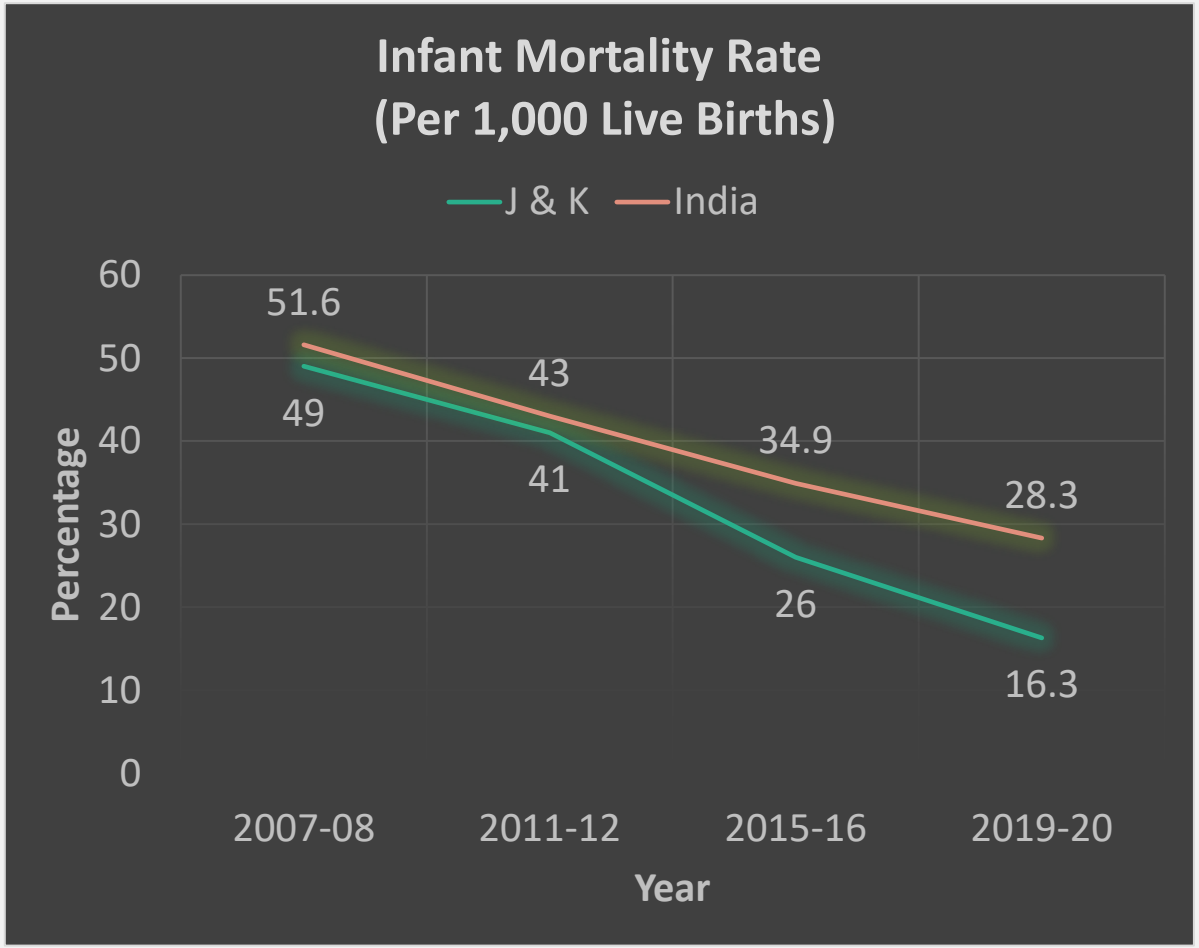


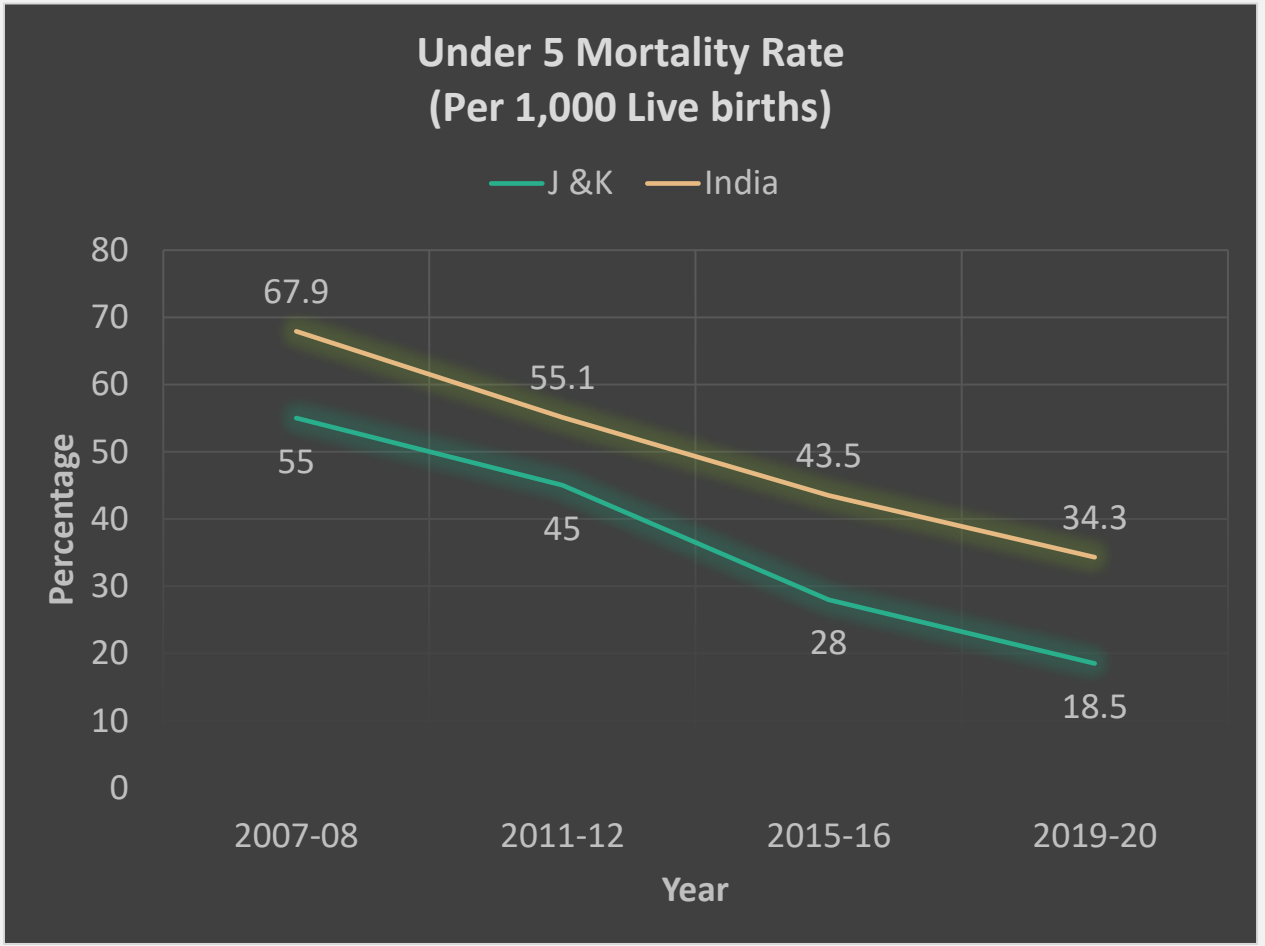
MCH-Institutional Births



Source: NFHS

Infant & Under 5 Mortality

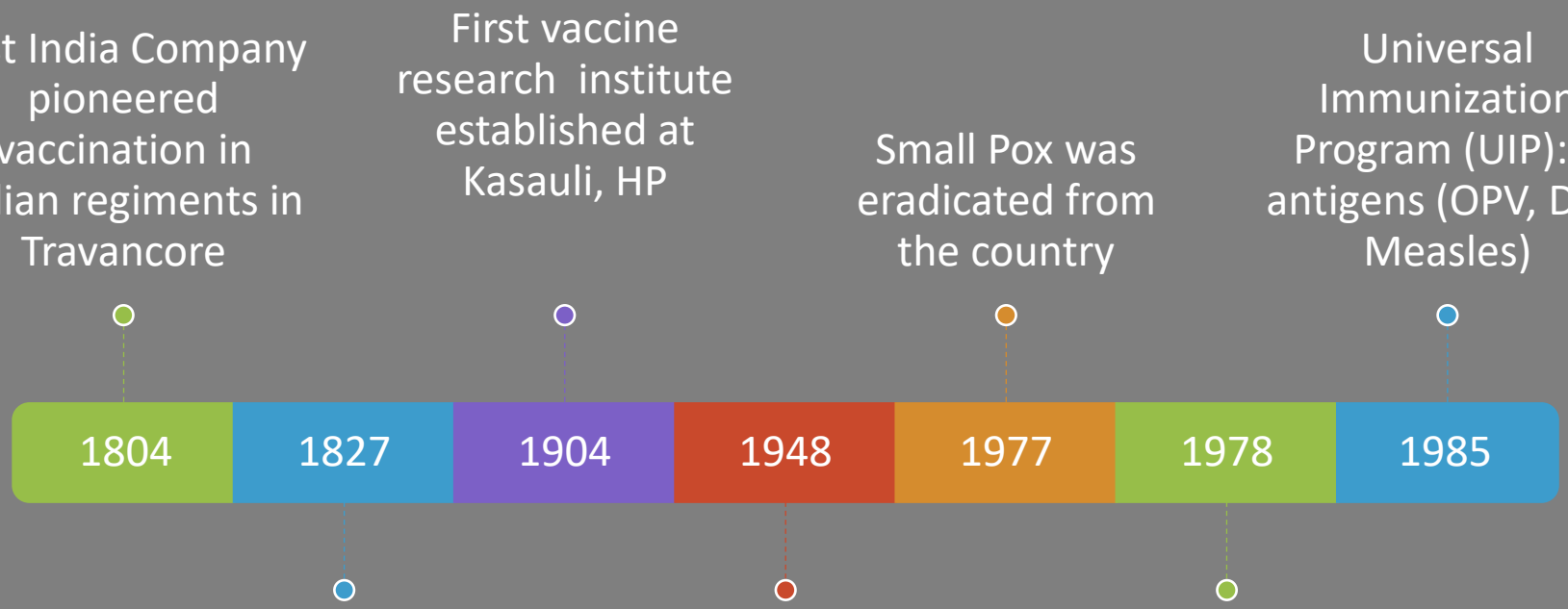




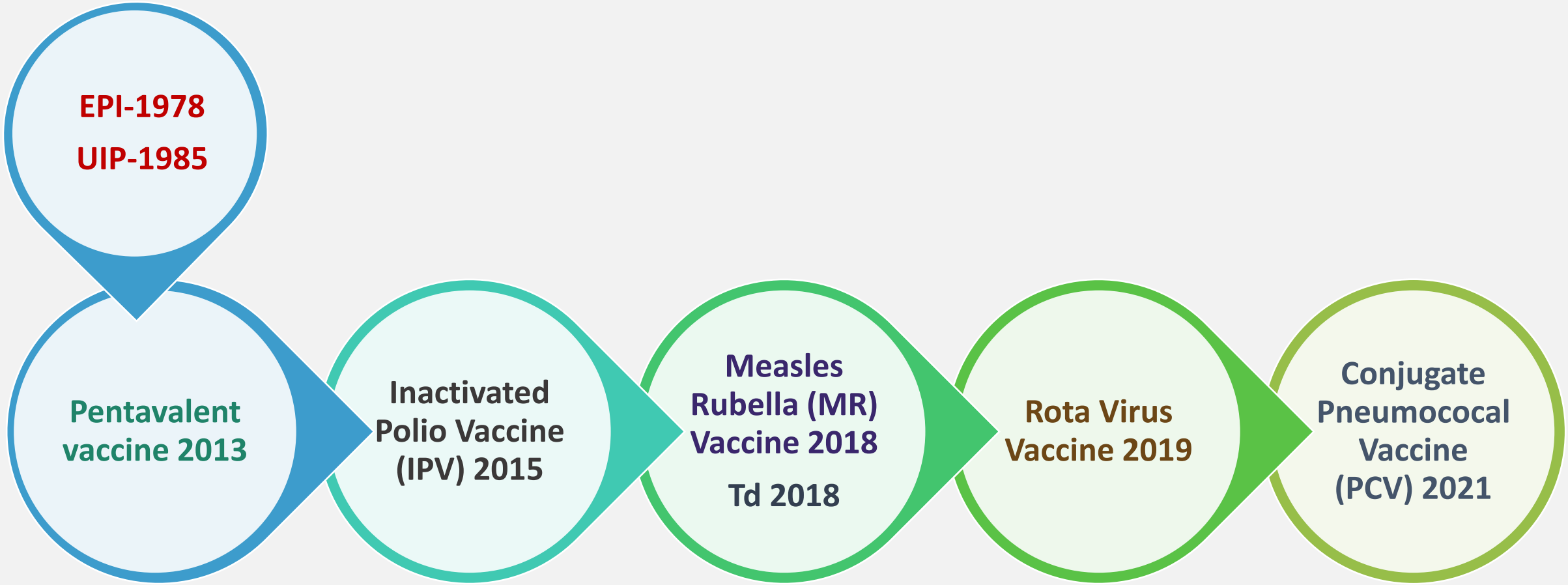
Source: NFHS, World Bank

HISTORY OF IMMUNIZATION

The most evidence based & cost-effective child survival intervention.

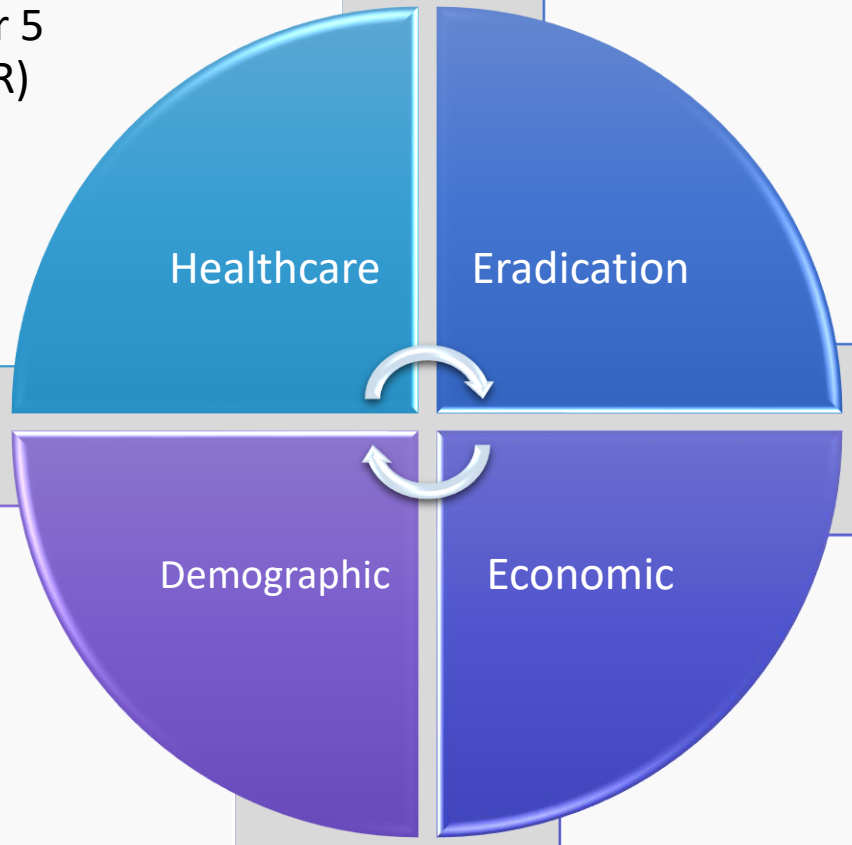


Progress of Immunization in recent years



Impact of Vaccination

- Infants and children under 5 survive better (IMR, U5MR)
- Reduced burden on healthcare system



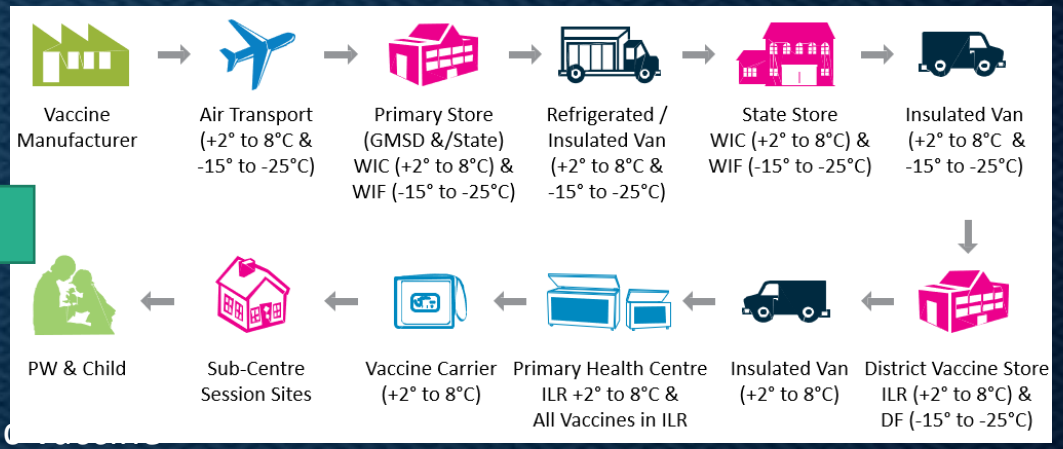
- Small Pox- 1977
- Polio- 2014
- Neonatal Tetanus-2015

- Increased life expectancy of children (Reduction of IMR, U5MR), and mothers.
- Reduced TFR
- Reduced DALYs

- Improved the GDP, HDI
- Reduced the Per capita Expenditure/ Out of pocket expenditure

eVIN: Cold Chain Management of Vaccines

Processes



Electronic Vaccine Intelligence Network for vaccine stock and distribution management in 20 districts in the UT, with a technical team supported by UNDP.

Launch of eVIN in the UT, making around 582 Cold Chain Points live.

Training on Temperature logger of VCCMs and CCTs

Mar. 2020 — May 2020 — July 2020 — Nov 2021 — Sep 2022

Trained around 650 Cold Chain handlers to use their smartphones for vaccine stock distribution.

639 Cold chain points live in eVIN

Equipment

Covid Vaccination

Timeline of Covid Vaccination

16th January 2021
COVID vaccination Flag off: Health Care Workers

→

1st March 2021
Vaccination of 60+ and 45-59 years with Comorbidity

→

1st April 2021
Vaccination of 45 and above

→

20th May 2021
Vaccination of 18-44 years with COVISHIELD and COVAXIN in Jammu and Srinagar

↓

14th June 2021
Vaccination of 18-44 years with COVISHIELD extended to all remaining districts

→

14th Oct 2021
J&K Celebrates 100% 1st dose vaccination achievement

→

3rd Jan 2022
Vaccination of 15-17 years with COVAXIN only

→

8th Jan 2022
J&K Celebrates 100% 2nd dose vaccination achievement for 18+ years & above age group

↓

10 Jan 2022
Precaution dose for HCW's, FLW's & Senior Citizen

→

16th March 2022
Vaccination for 12-14 years with CoRBeVAX only

→

10th April 2022
Precaution dose for 18-59 years (at only Private Facility)

→

15th July 2022
Precaution dose 18-59 years under Azadi ka Amrit Mohatsav upto 30th Sep 2022

U-WIN (Winning over UIP)

U-WIN- a digital platform for registering and recording every **pregnant women** and its outcome, birth vaccination and vaccination of **infants** and **children** in two Pilot districts i.e., **Samba** and **Pulwama** successfully launched on **23rd Jan 2023**.

Temperature Logger

SIM and Wi-Fi enabled Temperature Logger for Real-Time temperature monitoring of Cold Chain Equipment (ILR, DF, WIC & WIF) installed in 12 districts and work in progress in 8 districts of Jammu and Kashmir UT.

Temperature Monitoring is important as:

- All vaccines under Universal Immunization Program are Temperature Sensitive.
- Continuous monitoring of managed enclosed room.
- Near Real time sharing of temperature Data with eVIN
- Alerts with buzzer when temperature breach to the CCHs, CCTs, districts officials.
- Monitor the temperature of CCEs from anywhere from the eVIN web portal.

Challenges

During the monitoring of Family Planning and immunization programs, the DHFW assessed the following issues related with district population data:-

- No uniform target calculation method for various population sub groups-
- Previously, Districts were using different calculation methods with different rates.

No. of live births	No. of Infants	No. of pregnant women	No. of eligible couples

With intervention at DHFW level

Correction of District-wise population data done

Total population data (*source Statistical Division of MoHFW, New Delhi*)	
13562000	100%

Population targets for different age groups(12 years & above) for covid vaccination program (*source:Registrar General of India*)	
10713980	79%

For below 12 years , population calculation was done	
2825461	21%

Estimated Population of Kashmir division

Districts	Estimated Population 2021-22	Estimated Population 2022-23	Estimated Population of 0-5 years (12%)	Estimated Population of 5-12 years (9%)	Estimated Population of 12-14 years (4.42%)	Estimated Population of 15-17 years (6.14%)	Estimated Population of 18 & above (68.6%)
Srinagar	14,21,311	13,67,294	1,64,075	1,23,057	60,465	83,975	9,38,065
Kulgam	4,87,798	5,44,824	65,379	49,034	20,752	28,829	3,98,001
Shopian	3,05,923	2,94,296	35,316	26,487	13,015	18,080	2,01,909
Bandipora	4,50,736	4,33,609	52,033	39,025	19,175	26,639	2,97,486
Anantnag	12,39,587	11,16,989	1,34,039	1,00,529	52,734	73,236	7,42,073
Baramulla	11,58,396	11,14,397	1,33,728	1,00,296	49,280	68,440	7,64,541
Kupwara	10,00,174	9,62,229	1,15,467	86,601	42,549	59,110	6,60,115
Pulwama	6,44,034	6,19,602	74,352	55,764	27,398	38,062	4,25,062
Ganderbal	3,41,812	3,28,818	39,458	29,594	14,541	20,201	2,25,596
Budgam	8,66,172	8,33,280	99,994	74,995	36,848	51,191	5,71,673
Total Kashmir Division	**79,15,943**	**76,15,339**	**9,13,841**	**6,85,381**	**3,36,757**	**4,67,763**	**52,24,521**

Estimated population of Jammu division

Districts	Estimated Population 2021-22	Estimated Population 2022-23	Estimated Population of 0-5 years (12%)	Estimated Population of 5-12 years (9%)	Estimated Population of 12-14 years (4.42%)	Estimated Population of 15-17 years (6.14%)	Estimated Population of 18 & above (68.6%)
Jammu	**17,58,163**	**16,91,974**	**2,03,037**	**1,52,278**	**74,795**	**1,03,882**	**11,60,387**
Kishtwar	**2,65,106**	**2,55,031**	**30,604**	**22,953**	**11,278**	**15,666**	**1,74,970**
Doda	**4,71,081**	**4,53,180**	**54,382**	**40,786**	**20,042**	**27,841**	**3,10,913**
Udhampur	**6,37,765**	**6,13,574**	**73,629**	**55,222**	**27,132**	**37,692**	**4,20,925**
Kathua	**7,08,381**	**6,81,487**	**81,778**	**61,334**	**30,136**	**41,855**	**4,67,531**
Ramban	**3,26,031**	**3,13,637**	**37,636**	**28,227**	**13,870**	**19,268**	**2,15,180**
Samba	**3,66,464**	**3,52,531**	**42,304**	**31,728**	**15,590**	**21,658**	**2,41,866**
Rajouri	**7,38,236**	**7,10,206**	**85,225**	**63,919**	**31,406**	**43,620**	**4,87,236**
Poonch	**5,47,959**	**5,27,188**	**63,263**	**47,447**	**23,311**	**32,384**	**3,61,653**
Reasi	**3,61,602**	**3,47,854**	**41,742**	**31,307**	**15,383**	**21,371**	**2,38,657**
Total Jammu Division	**61,80,788**	**59,46,662**	**7,13,599**	**5,35,200**	**2,62,943**	**3,65,237**	**40,79,318**

Cascade Training Model by DHFW on target population calculation

Division wise trainings of Dy CMOs & DIOs was organized by UT team at DHFWs-Jammu and Srinagar on "Target population calculation".

Dy CMOs & DIOs were trained to calculate the Targets for the different Health Indicators based on their estimated population.

Accordingly, Dy CMOs and DIOs further organized trainings at their districts to create Block wise Trainers who further organized trainings at the blocks.

Calculations made easy for each Health Care Worker

- **Estimated No. of Live Birth = $\frac{\text{Total Estimated Population X Crude Birth Rate}}{1000}$**

- **Estimated No. of Infants 0-1 years =**

  Estimated No. of Live Births - $\left(\frac{\text{Estimated No. of Live Births X Infant Mortality Rate}}{1000}\right)$

- **Estimated No. of Pregnant Women =**

  Estimated No. of Live Births+(Estimated No. of Live Births X 0.1)

- **Estimated No. of Deliveries =**

  $\frac{\text{Estimated No. of Live Births + (Estimated No. of Live Births X Infant Mortality Rate)}}{1000}$

Impact of the “Target Correction Exercise”

Accurate demand generation of each antigen from the districts

Real time due list preparation by ANM and ASHAs

Reduction in vaccine wastage

ROUTINE IMMUNIZATION STATUS 2021-22

Antigen-wise coverage from April-2021 To March-2022		
Given at	**Antigen**	**Percentage**
At Birth	BCG	91
	OPV 0	86
	Hep. B 0	80
6 weeks	OPV Ist	107
10 weeks	OPV 2nd	103
14 weeks	OPV 3rd	102
6 weeks	Pentavalent Ist	107
10 weeks	Pentavalent 2nd	103
14 weeks	Pentavelent 3rd	102
6 weeks	IPV Fractional 1st dose	107
14 weeks	IPV Fractional 2nd dose	101
6 weeks	Rotavirus 1st dose	107
10 weeks	Rotavirus 2nd dose	103
14 weeks	Rotavirus 3rd dose	101
	PCV 1st dose	65
	PCV 2nd dose	59
9-12 months	Measles Rubella Ist dose	102
	Vit-A 1st dose	83
16-24 months	OPV Booster	95
	DPT Booster-1	95
	PCV Booster	15
	Measles Rubella 2nd dose	95
5-6 years	DPT Booster-2	61
10 years	T. D.	51
16 years	T.D.	35
	Td(PW) 1st Booster	76
	Td(PW) 2nd Booster	66