

# India's Universal Immunization Programme

## An Overview

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**NATIONAL RURAL HEALTH MISSION**

Ministry of Health & Family Welfare

Govt. of India



# Presentation outline

✦ Program Progress

✦ Issue & challenges

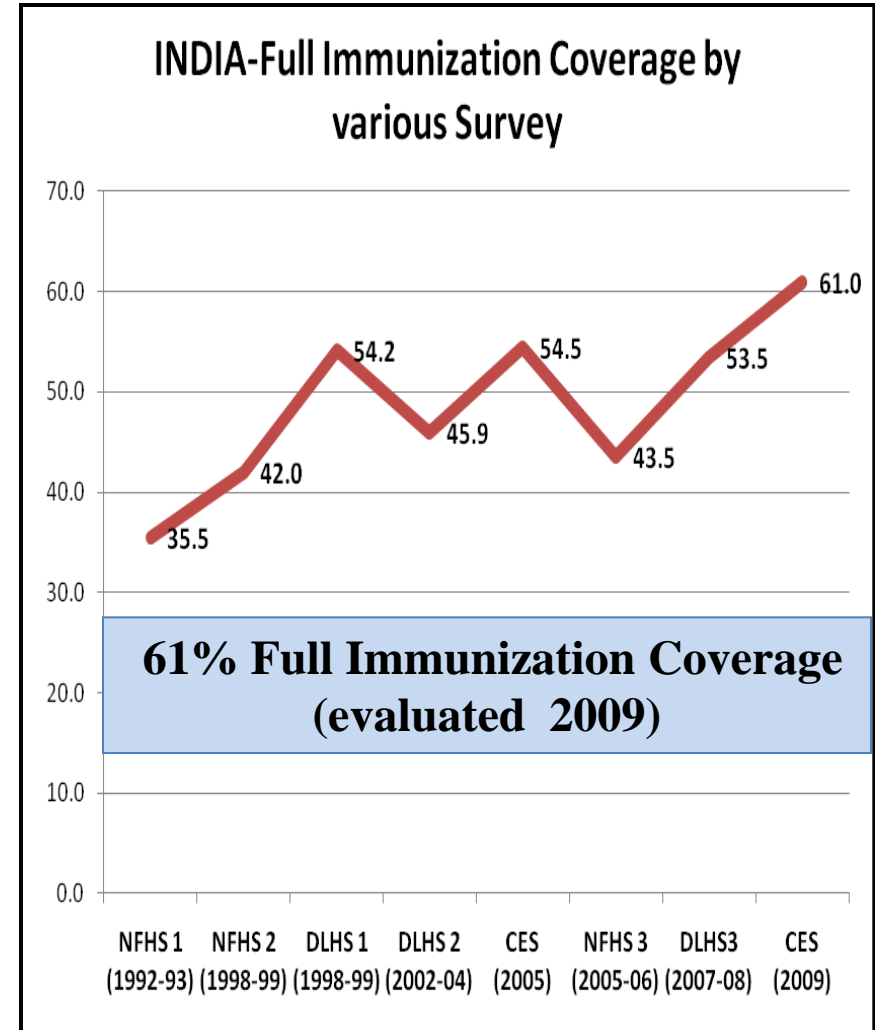
✦ Initiatives under UIP

✦ Summary

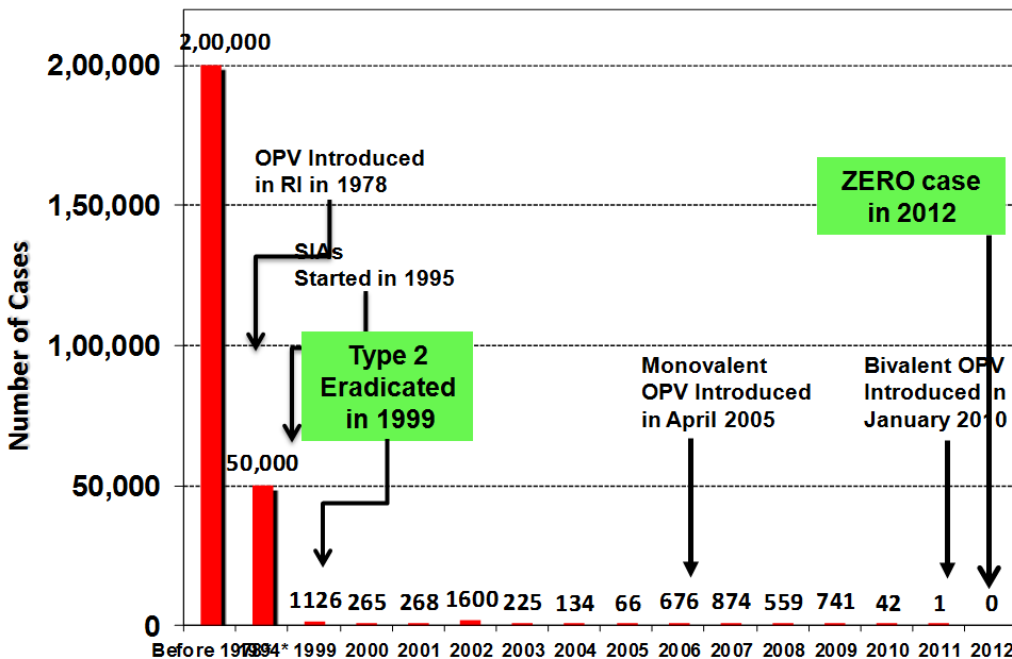


# Immunization Program in India: A Snap Shot

- ~26 million new born targeted each year
- ~9 million immunization sessions held annually
- ~25,000 cold chain points
- Vaccine against 7 vaccine preventable diseases
- Polio SIAs , 800 million children vaccinated every year
- HepB vaccine universalized in the country.
- Measles Catch-up campaign initiated in 2010 , targeting 135 million children
- JE vaccination campaign conducted in 112 endemic districts covering 78 million children
- Hib containing Pentavalent vaccine introduced in two states. Introduction in 6 more states planned .



# Polio Eradication : Major Success Factors



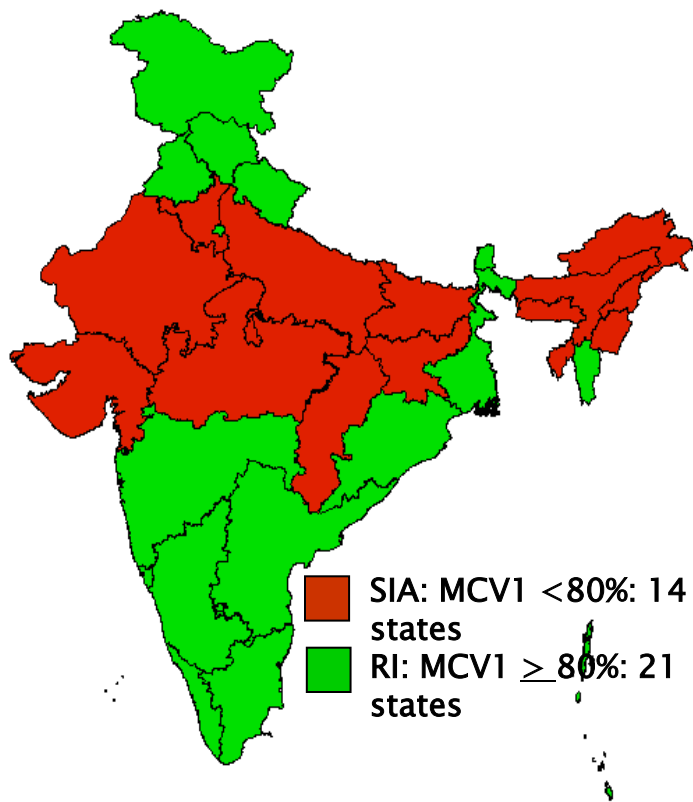
- Strong political and financial commitment
- Painsstaking planning, execution & monitoring
- Ongoing tactical and scientific innovations based on analysis and research;
- Strong, enduring, effective partnerships
- Perseverance and resilience to overcome the range of challenges and opposition

***In 2012, WHO drops India from the list of Polio endemic countries***

***Strengthening UIP is imperative for sustaining gains in Polio Eradication***



# Measles Mortality Reduction Initiative



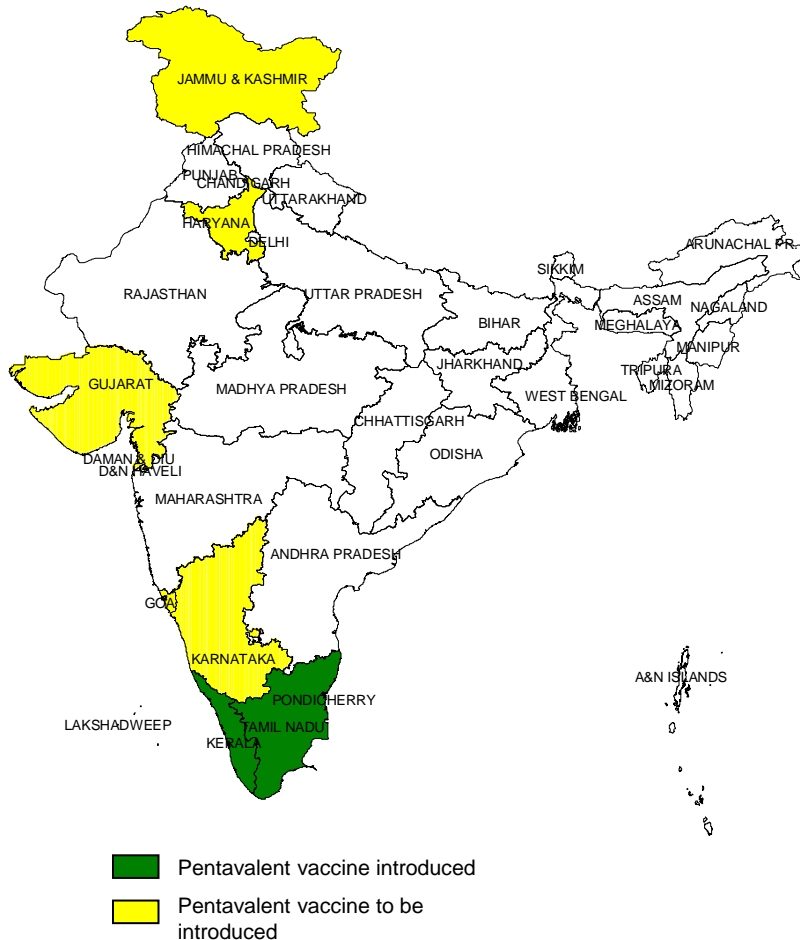
- Catch-up campaigns initiated in 14 states & 365 districts in phased manner in 2010
- Target population (9mths-10 yrs): 135 million
- All catch-up districts incorporating Measles 2<sup>nd</sup> dose under RI after 6 months of campaign
- MCV2 introduced in RI in remaining 21 states targeting ~10 million children annually.

***~48 million children covered in catch up campaigns***

***Estimated measles deaths reduced from 106,000 in 2005 to 65,000 in 2010***



# Pentavalent Vaccine Introduction

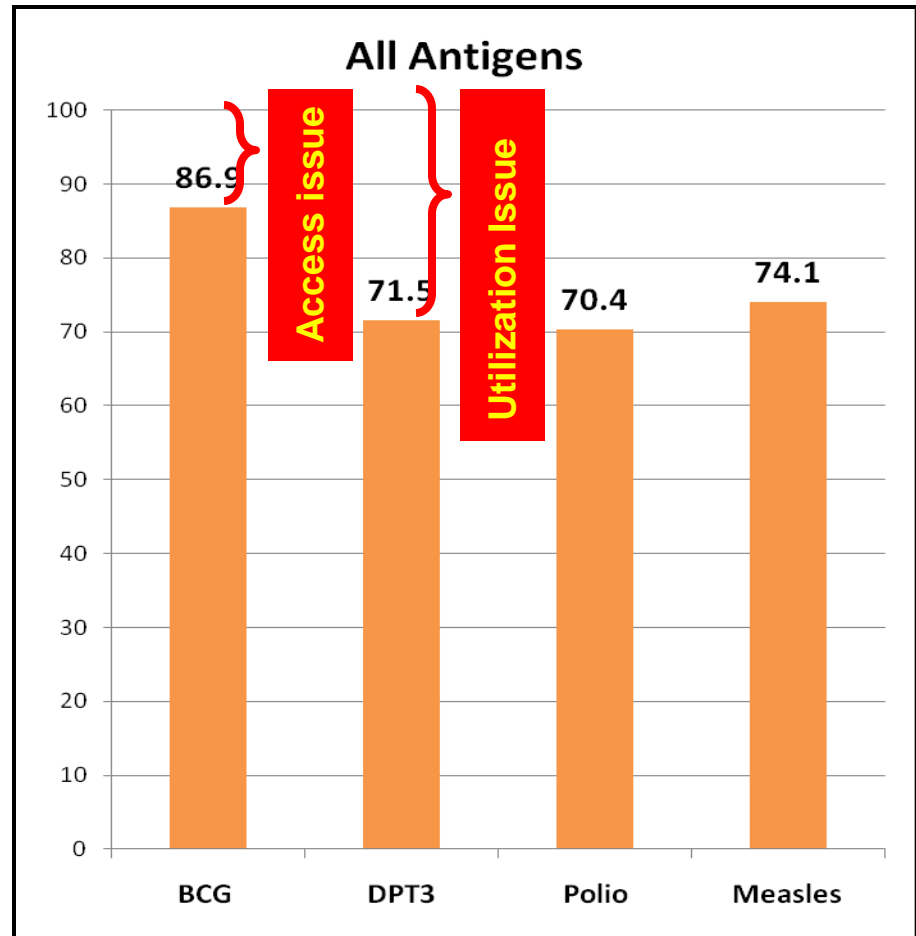
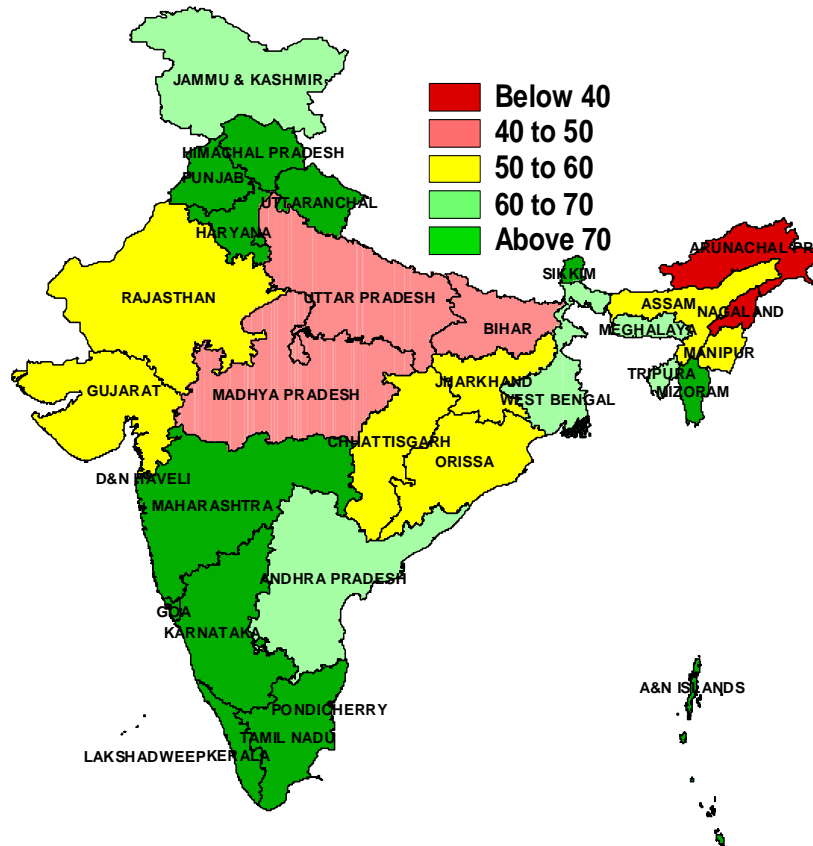


- Initiated in 2 states in Dec 2011
- Already vaccinated more than 1 million children till April 2012
- Proposal to introduce in six more states
- HiB surveillance initiated as bacterial meningitis surveillance in 11 sentinel sites



# Reaching the Unreached: A critical Appraisal

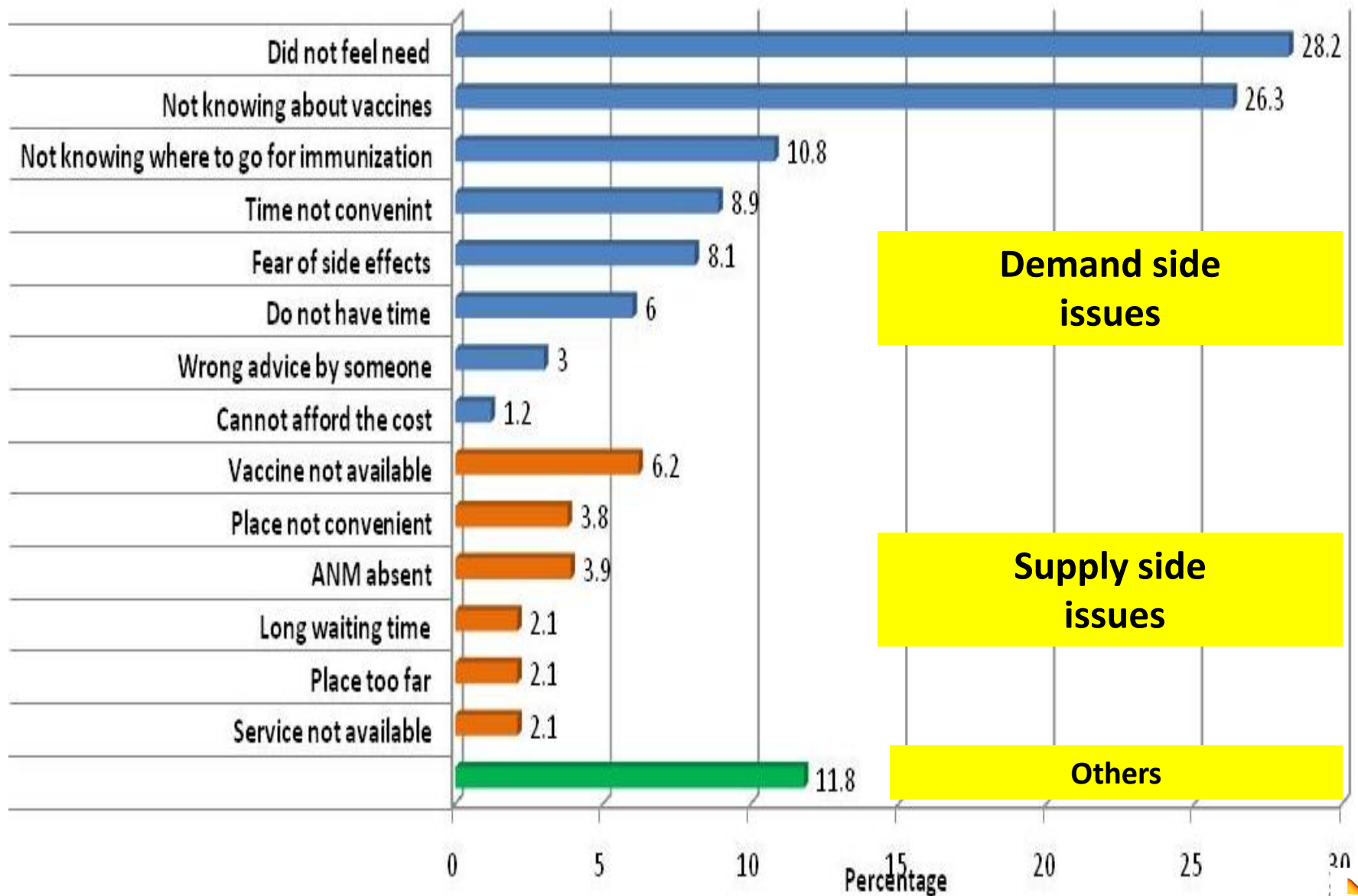
Fully immunized children  
(12 – 23 months)



**239 Districts identified for priority attention**

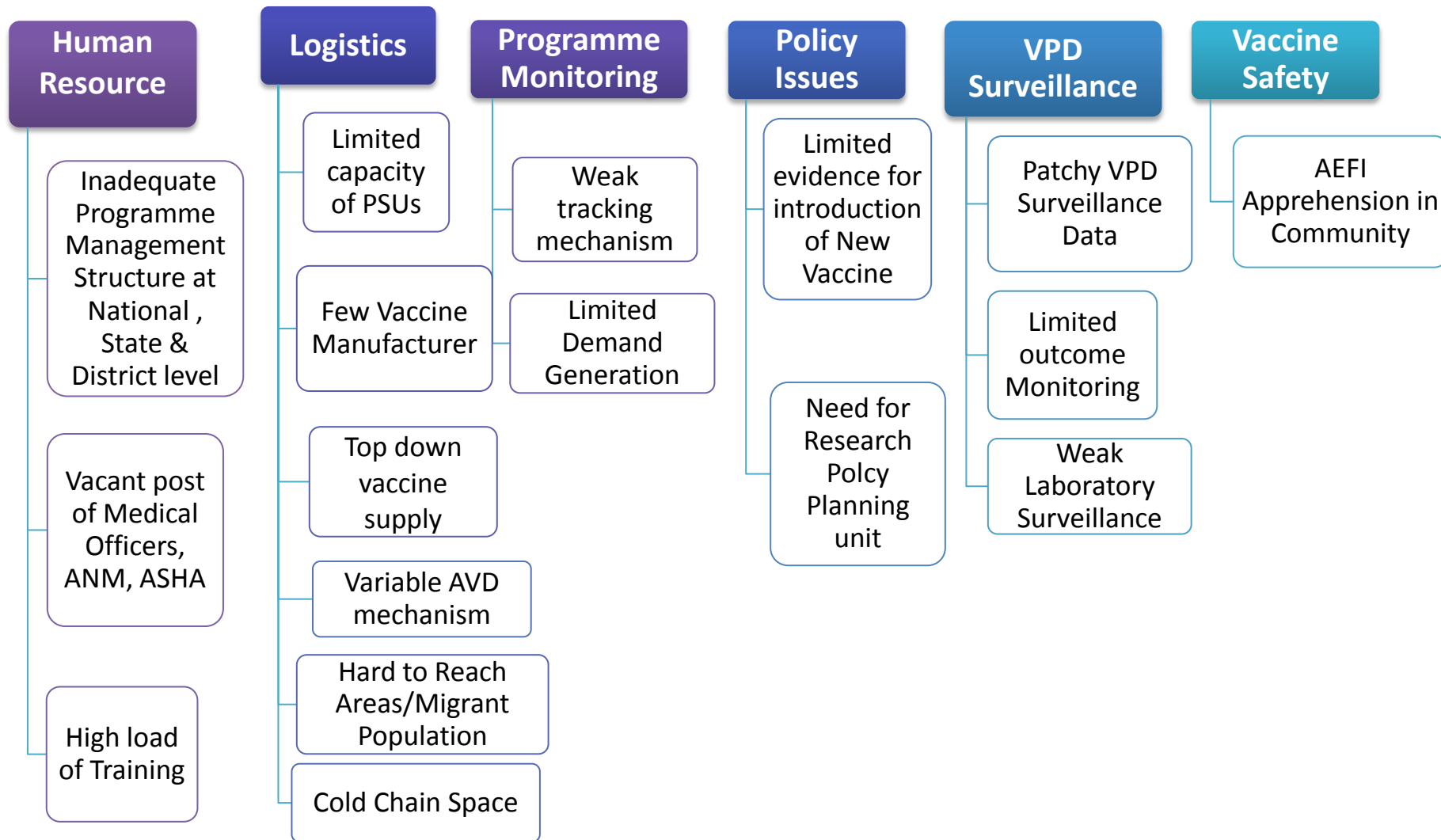


# Reaching the Unreached: A critical Appraisal





# National Immunization Programme-Issues



# Strategic Actions to improve Immunization Coverage

*Year 2012 declared as year of 'Intensification of Routine Immunization'*

- Action 1: Health Systems Improvement
- Action 2-Identifying the Unreached & conducting Immunization Week
- Action 3- Tracking Every Mother Every Child
- Action 4- Social Mobilization Efforts
- Action 5- Improving Public Confidence
- Action 6-Improving Logistics and Supply Chain
- Action 7-Evidence Generation
- Action 8- Policy Strengthening



## Strategic Action 1

# Health Systems Improvement

*NRHM mandates to rejuvenate health delivery system through Universal Health Care which is Accessible, Affordable and with Quality*

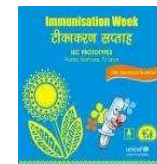
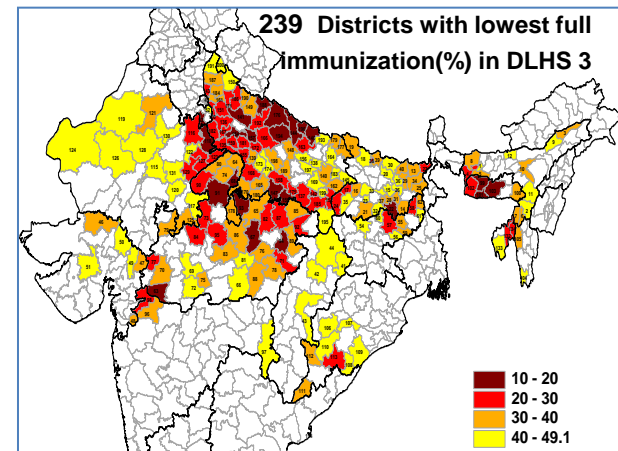
- Decentralized planning & need based funding.
- Improving service delivery through: 2<sup>nd</sup> ANMs , Alternate vaccinators
- Cold Chain System strengthening
- Intensified session Monitoring
- Reaching the unreached - Teeka Express , Mobile medical units
- Convergence of Polio and RI microplan
- Immunization Technical support Unit (ITSU) to strengthen UIP



# Strategic Action 2

## Organizing Immunization Weeks

- Special drive in form of 'Immunization Week' developed for poor performing areas/blocks to improve immunization coverage
- Exclusive immunization strategy for Migratory Population & Urban slums based on Polio Micro-plans
- Strengthening Inter-sectoral co-ordination



## Strategic Action 3

# 'Tracking Every Mother, Every Child'

- Web Based Mother and Child Tracking System (MCTS) as one of the key strategies to prevent left out and drop outs
- Name based tracking of all pregnant mothers with contact details including mobile number.
- SMS alerts in local language regarding due date of vaccination for the child
- Advance preparation of village-wise due list for the scheduled immunization session using tracking bags



**30 million mothers and children registered**





## Strategic Action 4

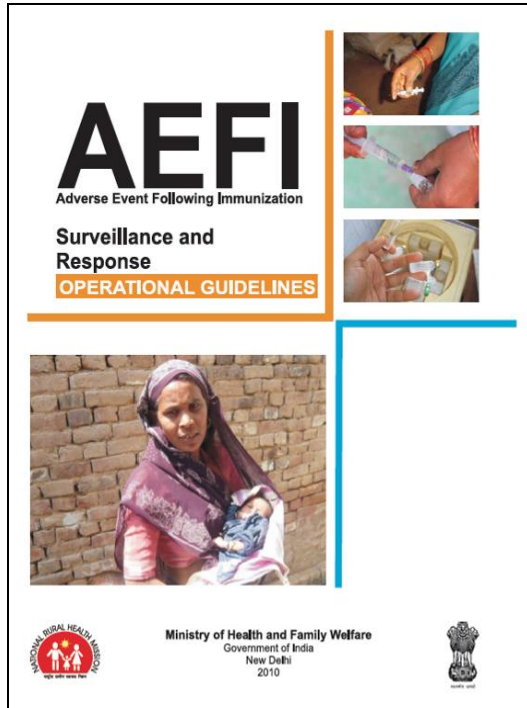
### Social Mobilization Efforts

- More than 860,000 ASHA workers in position for social Mobilization
- ASHA incentive linked with mobilization and performance
- Proposal to brand Routine Immunization program

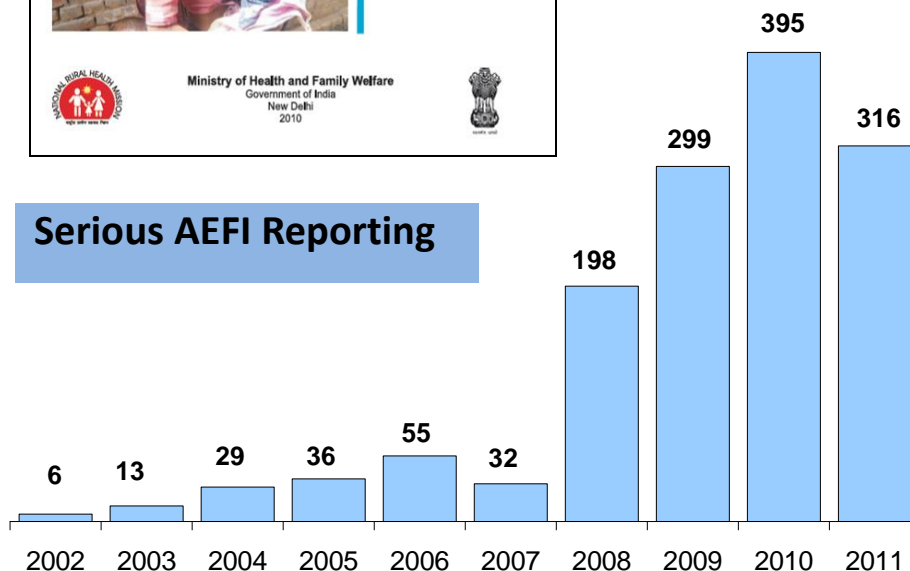


# Strategic Action 5

## Improving Public Confidence



### Serious AEFI Reporting



- AEFI operational guidelines revised
- National and district AEFI committees constituted
- Capacity building of health care providers in Causality assessment
- Improved reporting of serious AEFIs
- Media sensitization and involvement in AEFI

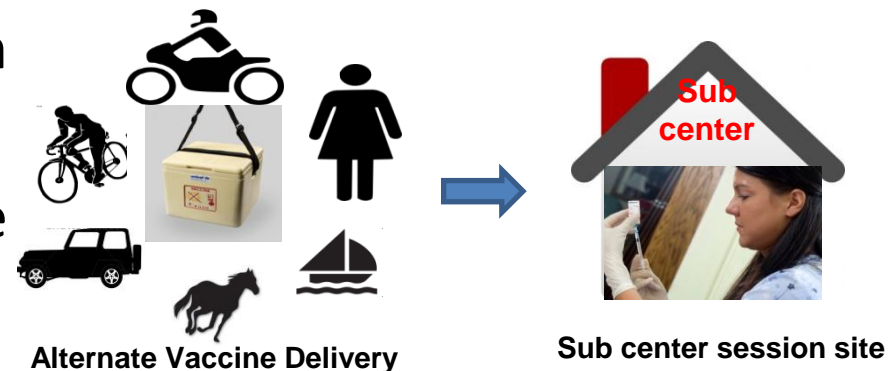


## Strategic Action 6

# Improving logistics and supply chain

*Alternate Vaccine Delivery (AVD) forms the life line of the National Immunization Programme for vaccine delivery from the last cold chain storage point to session site*

- Proposal to initiate Teeka Express
- Specially designed vehicle to deliver vaccine at session site in hard to reach areas.
- Also provides branding to the Immunization program





## Strategic Action 7

# Evidence Generation

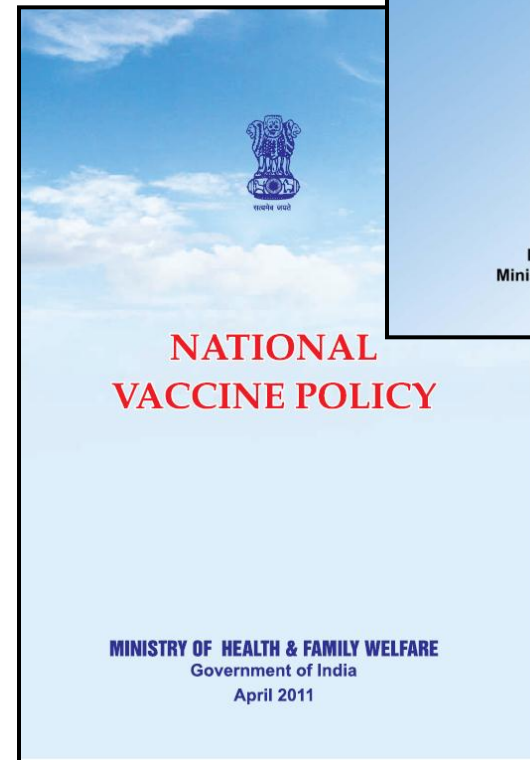
- Polio Surveillance Network now being extended for surveillance of other Vaccine Preventable Diseases
- Sentinel Hospital based Bacterial meningitis surveillance initiated with ICMR in 11 states
- Scale-up of laboratory enhanced measles outbreak surveillance
- Strengthening of National Integrated Disease Surveillance Program for Vaccine Preventable Disease



## Strategic Action 8

# Policy Strengthening

- National Vaccine Policy developed
- Revised Multi year plan (MYP) for UIP in India (2010-17) prepared
- Vaccine Policy Unit being constituted for evidence collection and compilation for under-utilized and newer vaccine.



# Summary

- Year 2012-13 declared as **‘Year of Intensification of Routine Immunization in India’**
- 239 high focused districts identified for focused attention
- Immunization Technical Support Unit (ITSU) being established
- Reach the unreached through Immunization weeks
- Modernizing AVD mechanism & enhancing human resources to improve access to immunization services
- Branding & demand generation of Routine Immunization services & Media sensitization
- Incentivizing Full Immunization through ASHA
- Web enabled mother and child tracking system
- Strengthen AEFI & VPD surveillance
- India specific evidence generation for Newer Vaccines





# Thank You



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