



Mother and Child Tracking System

Achievements and Challenges

17th November 2011

MCTS- A Path Breaking Initiative

- MCTS was launched in December 2009
- A comprehensive system for improving delivery of health care services to pregnant women and children upto 5 years of age through name based tracking of each beneficiary, monitoring service delivery, identification of gaps, better planning and implementation of Programs.
- Rolled out in all States and UTs
- It has been declared as a Mission Mode Project under the National e-Governance Plan (NeGP)

Current Status

- **More than 1 crore 9 lakh pregnant women and 56 lakh children below 5 years of age registered since launch of MCTS till 16.11.2011.**
- **In 2011-12, since 1st April, 2011, more than 67 lakh pregnant women and 31 lakh children registered.**
- **95 per cent districts reporting data on pregnant women. 93 per cent reporting data on children.**
- **Over 8 lakh SMS sent to the ANMs and ASHAs to check veracity of data**
- **Some States have started SMS alerts to the beneficiaries and health functionaries**

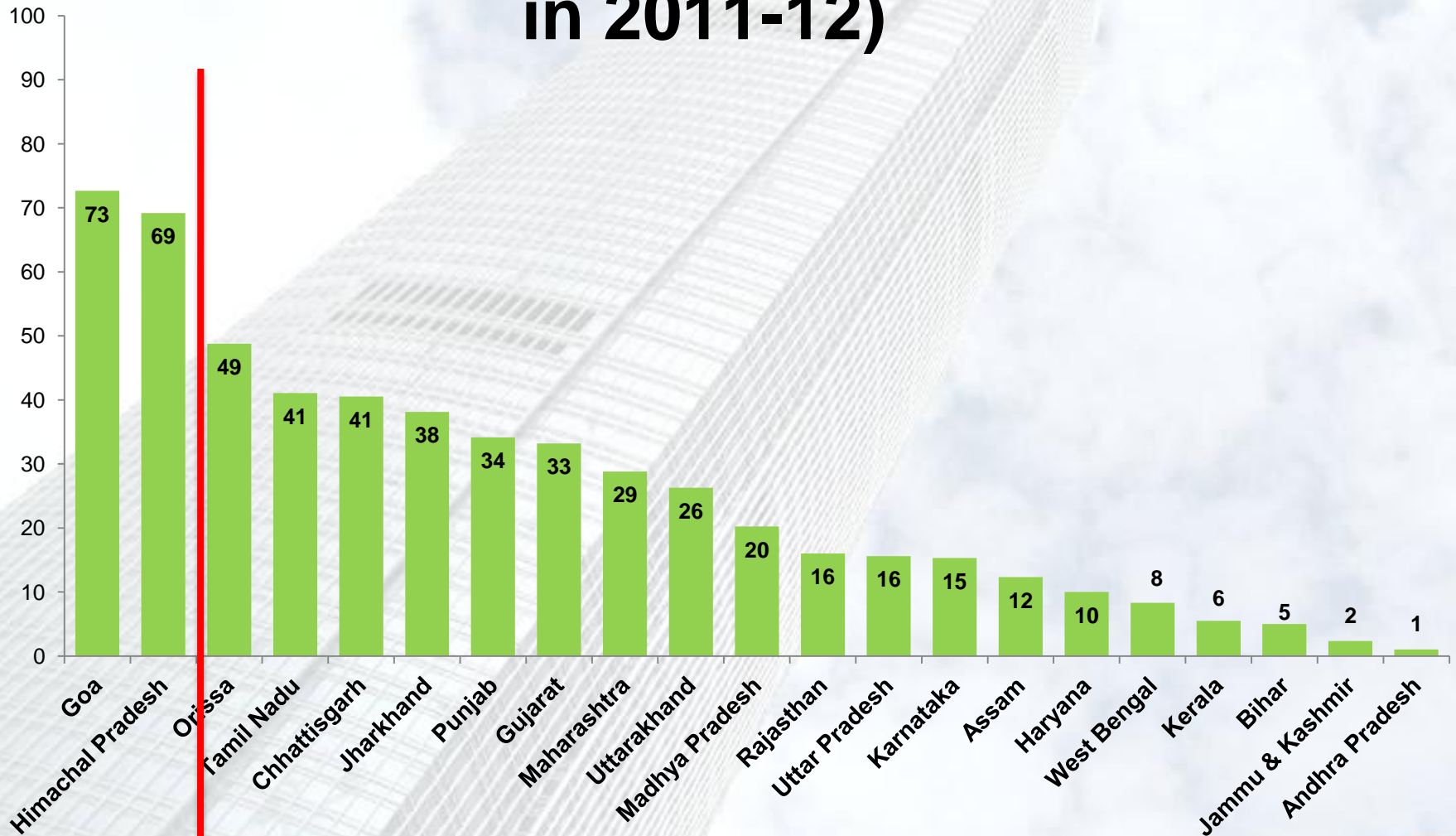


Call centre set up in the Ministry for verification of data. Over 6000 records verified so far

Status of Registration of Pregnant Women (% of women registered against estimated in 2011-12)



Status of Registration of Children (% of children registered against estimated in 2011-12)

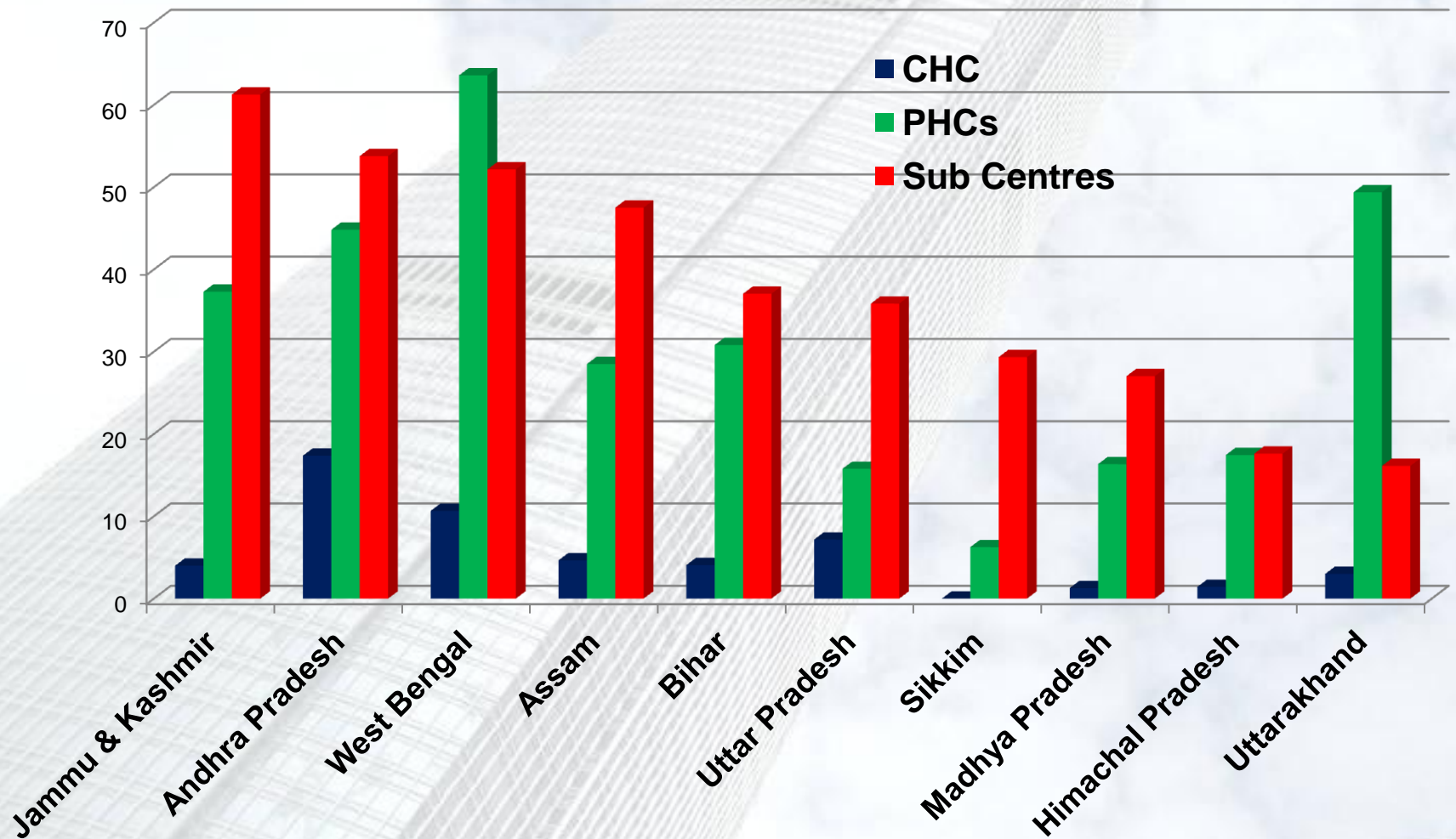


Issues

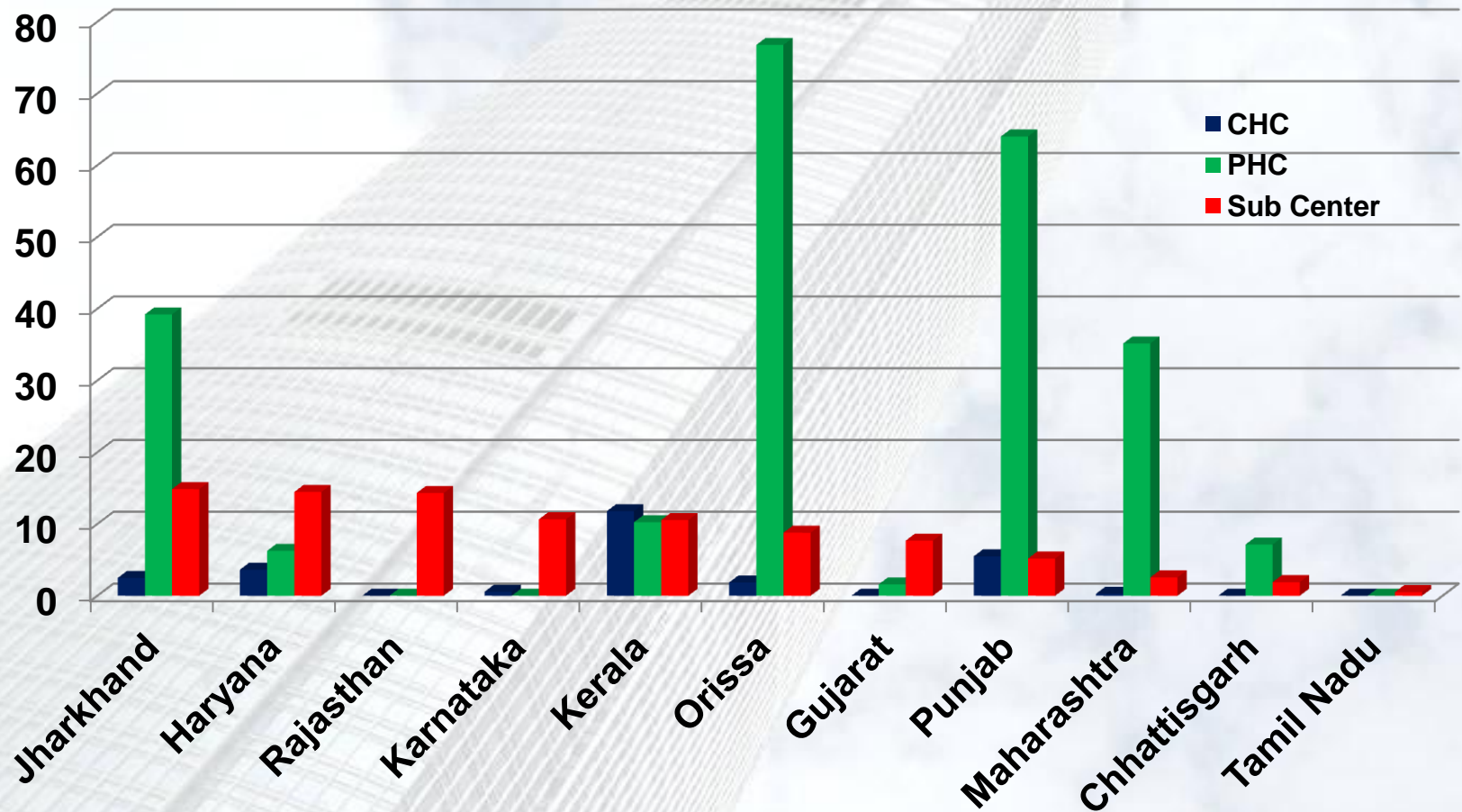
- Only 35% pregnant women and 19 % children registered so far against estimated registrations till 16.11.2011
- A large number of facilities are not reporting data

Facility	Pregnant women	children
Sub centers (%)	26	45
PHC (%)	28	41
CHC (%)	7.7	20

Percentage of facilities not reporting data- Pregnant Women



Percentage of facilities not reporting data- Pregnant Women (Contd..)



Number of facilities not reporting data- Pregnant Women

State	CHC	PHCs	Sub Centres
Andhra Pradesh	17.37	44.83	53.78
Assam	4.65	28.50	47.52
Bihar	4.07	30.82	37.05
Chhattisgarh	0.00	7.14	1.90
Gujarat	0.00	1.58	7.69
Haryana	3.64	6.26	14.47
Himachal Pradesh	1.43	17.45	17.61
Jammu & Kashmir	4.00	37.30	61.27
Jharkhand	2.48	39.21	14.86
Karnataka	0.56	-	10.66
Kerala	11.79	10.25	10.55

Number of facilities not reporting data- Pregnant Women (contd)

State	CHC	PHCs	Sub Centres
Madhya Pradesh	1.27	16.34	27.03
Maharashtra	0.28	35.16	2.56
Orissa	1.86	76.77	8.79
Punjab	5.49	64.01	5.19
Rajasthan	-	-	14.32
Sikkim	0.00	6.25	29.35
Tamil Nadu	-	-	0.51
Uttar Pradesh	7.17	15.77	35.85
Uttarakhand	3.00	49.39	16.13
West Bengal	10.66	63.60	52.16

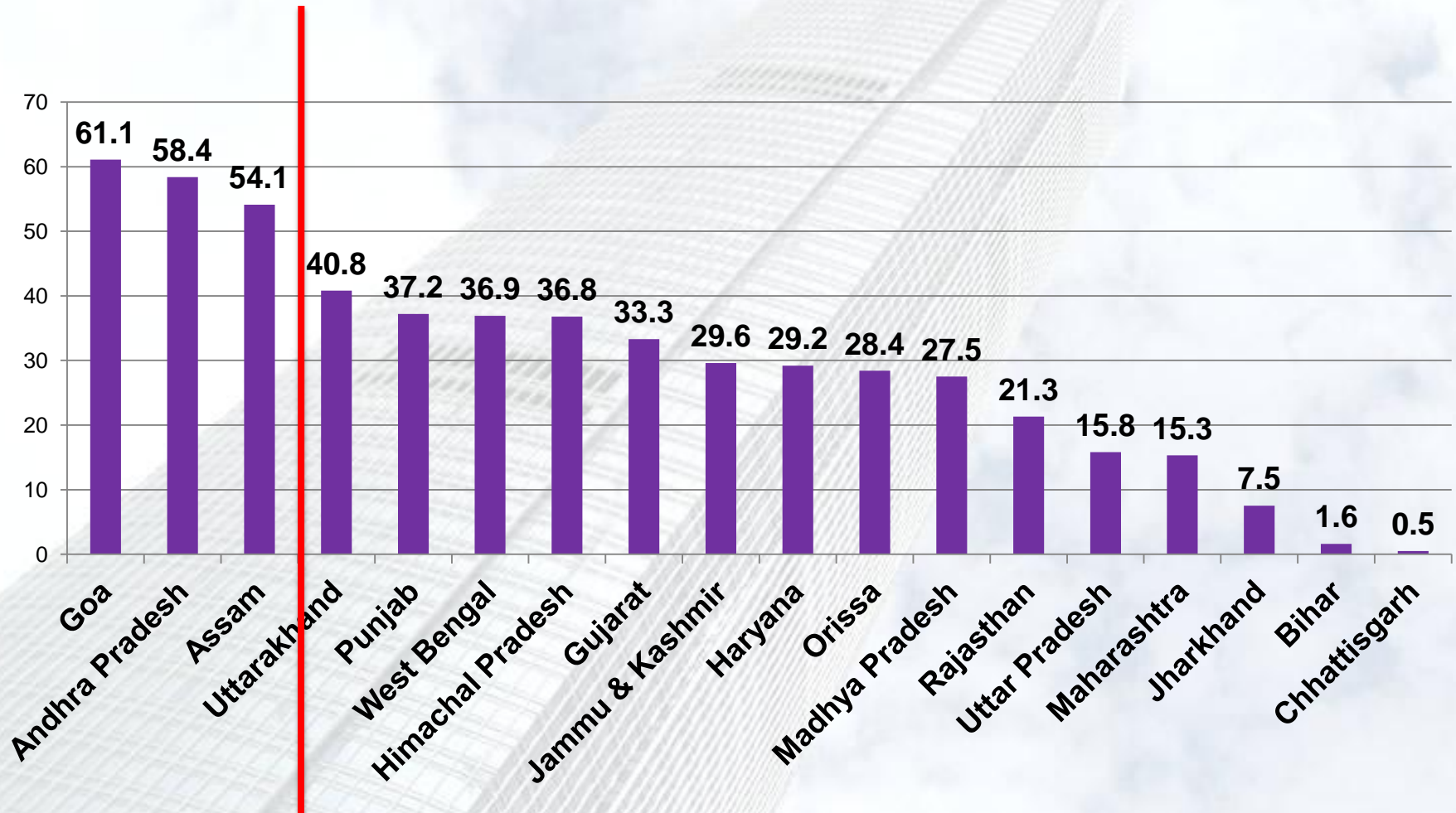
Number of facilities not reporting data- Children

State	CHCs	PHCs	SCs
Andhra Pradesh	79.47	92.02	96.50
Assam	12.21	37.46	58.26
Bihar	21.26	47.17	71.32
Chhattisgarh	0.00	7.26	3.37
Gujarat	2.25	1.85	10.27
Haryana	15.45	35.57	54.40
Himachal Pradesh	1.43	21.64	22.20
Jammu & Kashmir	56.80	86.04	94.22
Jharkhand	2.48	45.35	27.19
Karnataka	0.56	-	37.37
Kerala	30.57	61.68	78.43

Number of facilities not reporting data- Children

State	CHCs	PHCs	SCs
Madhya Pradesh	4.76	30.57	48.82
Maharashtra	0.57	36.66	12.08
Orissa	3.11	78.47	18.62
Punjab	8.79	67.99	20.49
Rajasthan	0.84	-	15.16
Sikkim	20.00	28.13	52.72
Tamil Nadu	0.26	-	6.20
Uttar Pradesh	11.56	26.02	52.99
Uttarakhand	12.00	55.76	33.62
West Bengal	39.77	76.39	74.80

Issues - Correctness of data



% of correct calls to total calls made

Issues (contd..)

- Low number of data entry points
- Completeness of data
- Delay in data entry
- One way flow of information. No analysis of data and its utilization
- Only a few services like monthly work plan generation and SMS alerts being delivered
- Urban areas are generally left out

Initiatives of Government of India

- Central Project e-Mission Team constituted under Ms Anuradha Gupta, JS (RCH)
- Centralized Call center established in the Ministry for verification of data and service delivery
- Working Groups constituted on Innovative Technology Solutions and Service Identification and Business process re-engineering
- Regular review at HFM, Secretary and JS level
- Continuous improvement in software to add more features and reports
- Over 8 Lakh SMS sent to ASHAs, ANMs and beneficiaries to verify details and establish direct communication with them.

Initiatives of Government of India

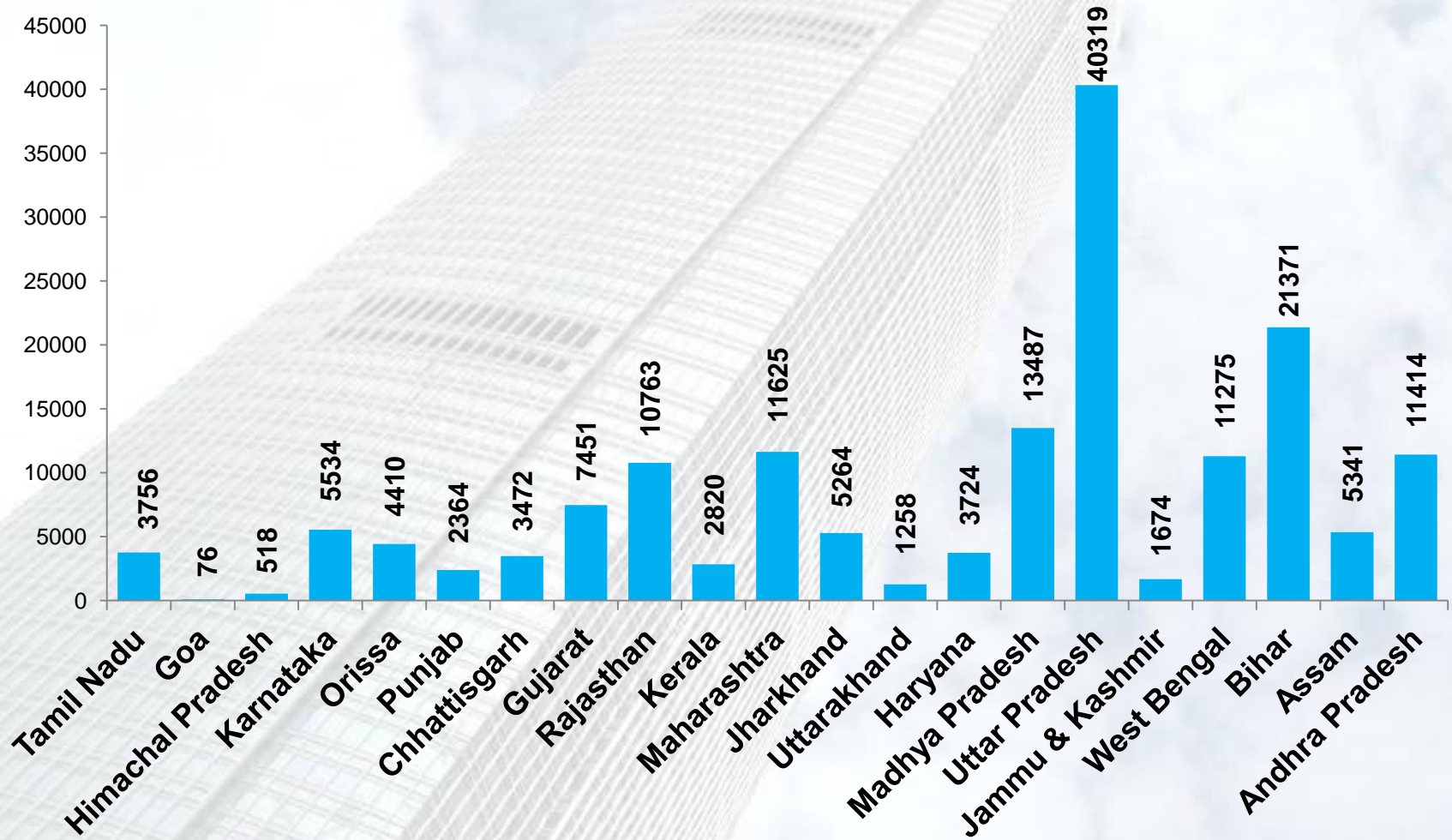
- States/UTs requested to constitute SPeMT and DPeMT. State Health Secretary to chair SPeMT. District Collector to chair DPeMT.
- Monthly letters are sent to all State Health Secretaries/Mission Directors
- Steps taken to build ownership of District Collectors/Magistrates and CMHOs
- District Programme Manager (DPM) designated as the focal point for the project implementation.
- Daily SMS on progress of MCTS

Challenges

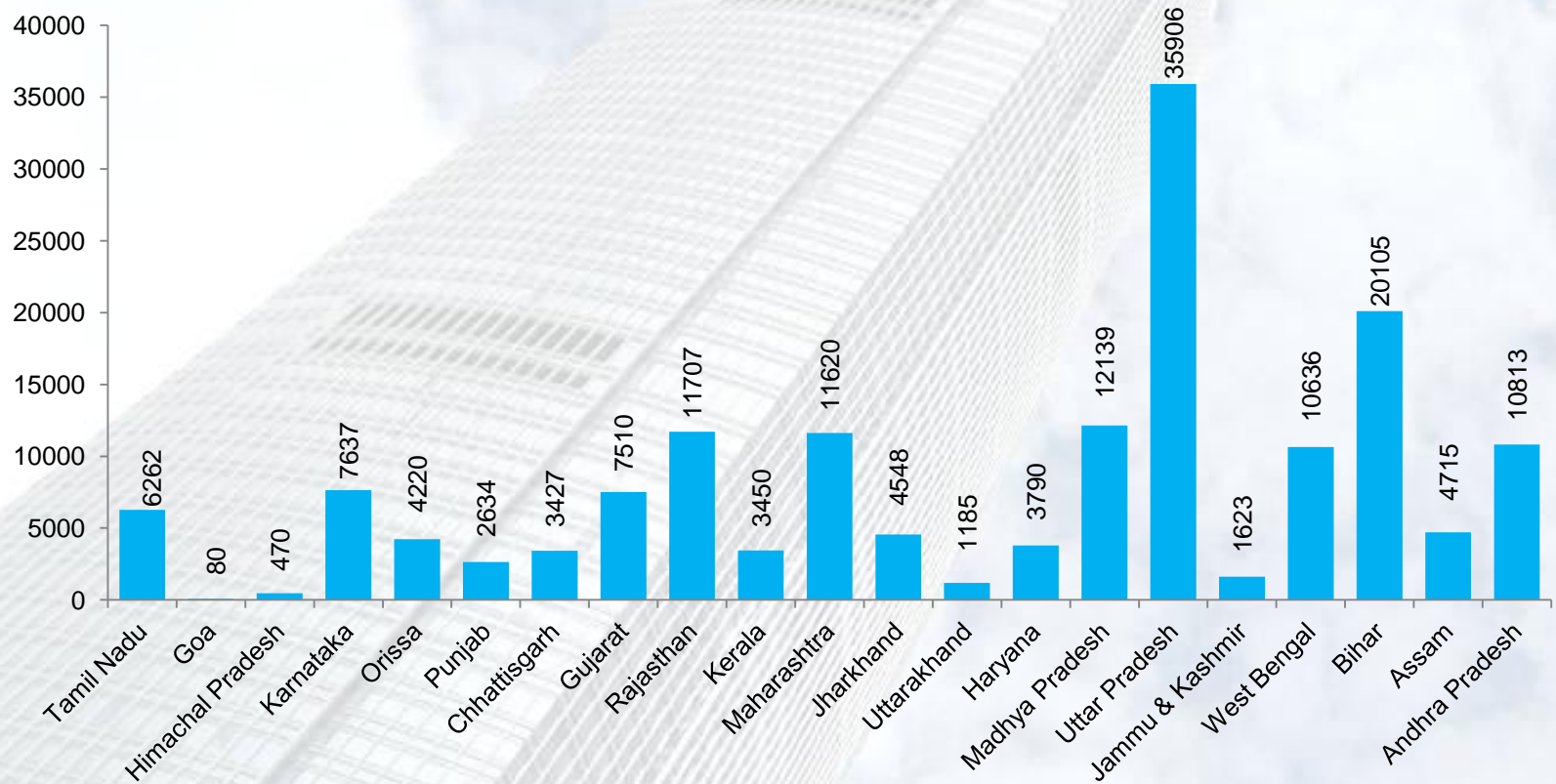
- Tracking of about 3 crore pregnant women per year
- Tracking of about 2.8 crore children born every year till 5 years of age.
- Challenges of :
 - Leadership at national, state, district and facility level
 - Connectivity
 - Computer literacy
 - Training
 - Availability of hardware
 - Software problems and issues
 - Analysis of data
 - Identification of services
 - Business Process Re-engineering

Challenges

Daily Target of Registration of Pregnant Women



Daily Target of Registration of Children for Achieving Annual Target



Action to be taken on priority

- Entry of data of all facilities
- Increase in the number of data entry points
- Use of Common Service Centres and SWAN
- Regular Updation of data
- Improving Validity of data – establishment of call centres at State level
- Regular analysis of data
- Identification of services to be delivered by using the data
- Building ownership of district collectors, CMHOs, BMHOs, MO i/c of facilities, ANMs and ASHAs

Action to be taken on priority(contd..)

- Internet connectivity in the remote and hilly areas at the facility level.
- Regular monitoring of the progress of implementation at the facility level.
- Rationalization of records and registers at the facility level.
- Involvement of the community through Village Health and Sanitation Committee.
- Establishing mechanism to cover urban areas and private establishments



Working Together We Shall
Surmount these challenges Soon

Thanks