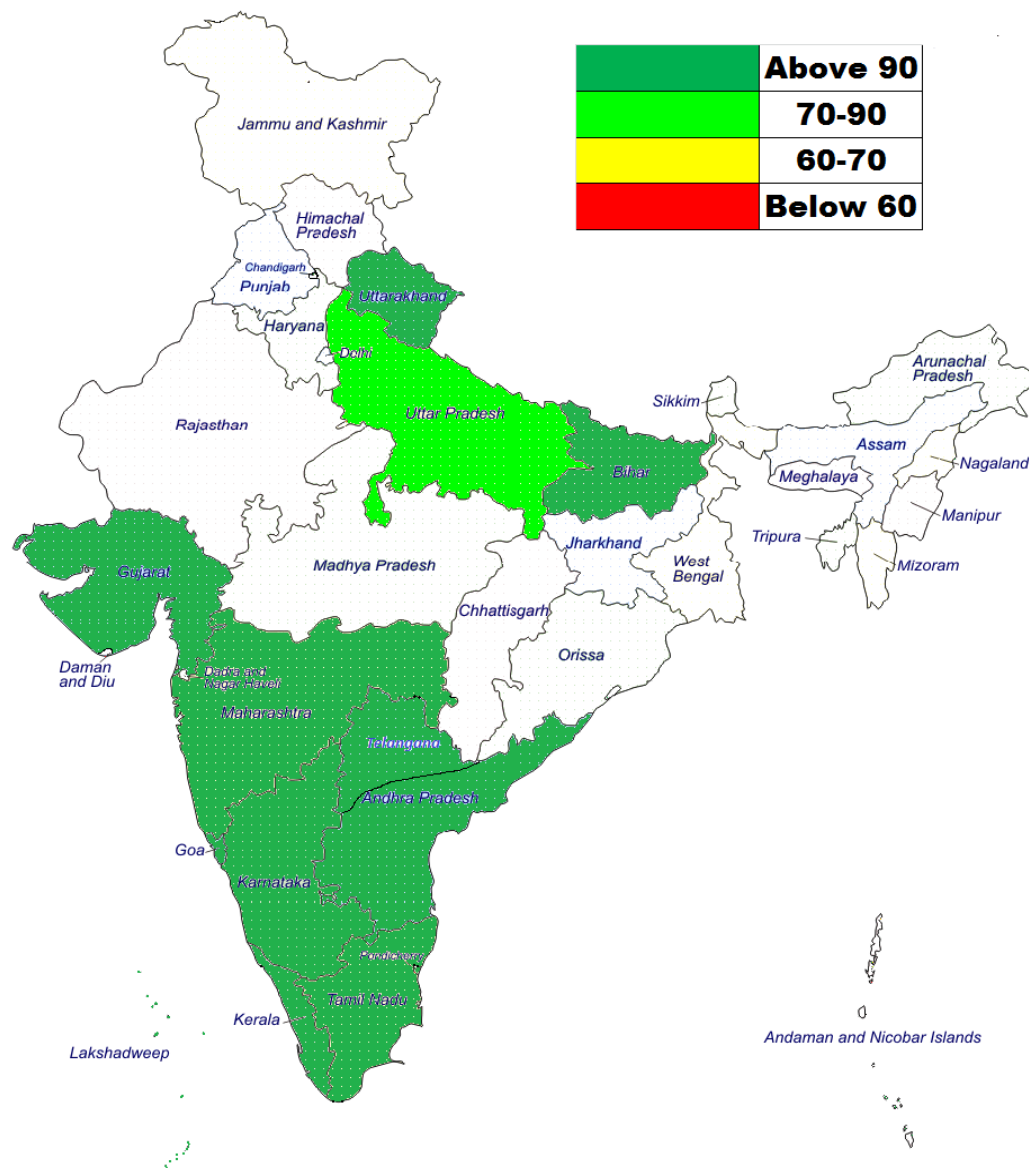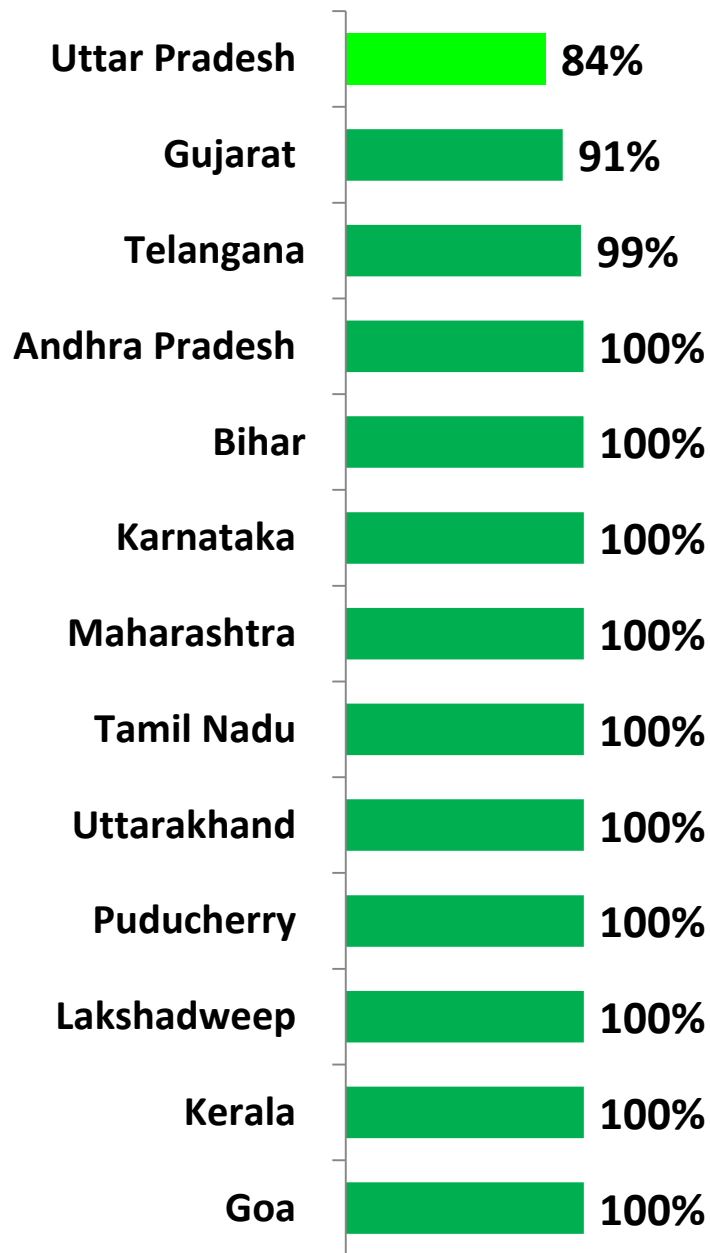# Management Information System

Achievements

- ✓ **Annual data entered for 97% schools in FY 2015-16**

- ✓ **Monthly data (avg.) entered for 87% schools in FY 2015-16**

- ✓ **Availability of database containing valuable micro and macro level data for Financial Year 2012-13 to 2015-16.**

- ✓ **Availability of offline data entry module for blocks/districts with poor internet connectivity**

- ✓ **Auto generation of Annual Work Plan & Budget reports**

- ✓ **Access of crucial reports to users at Centre, State, District and Block for timely intervention**
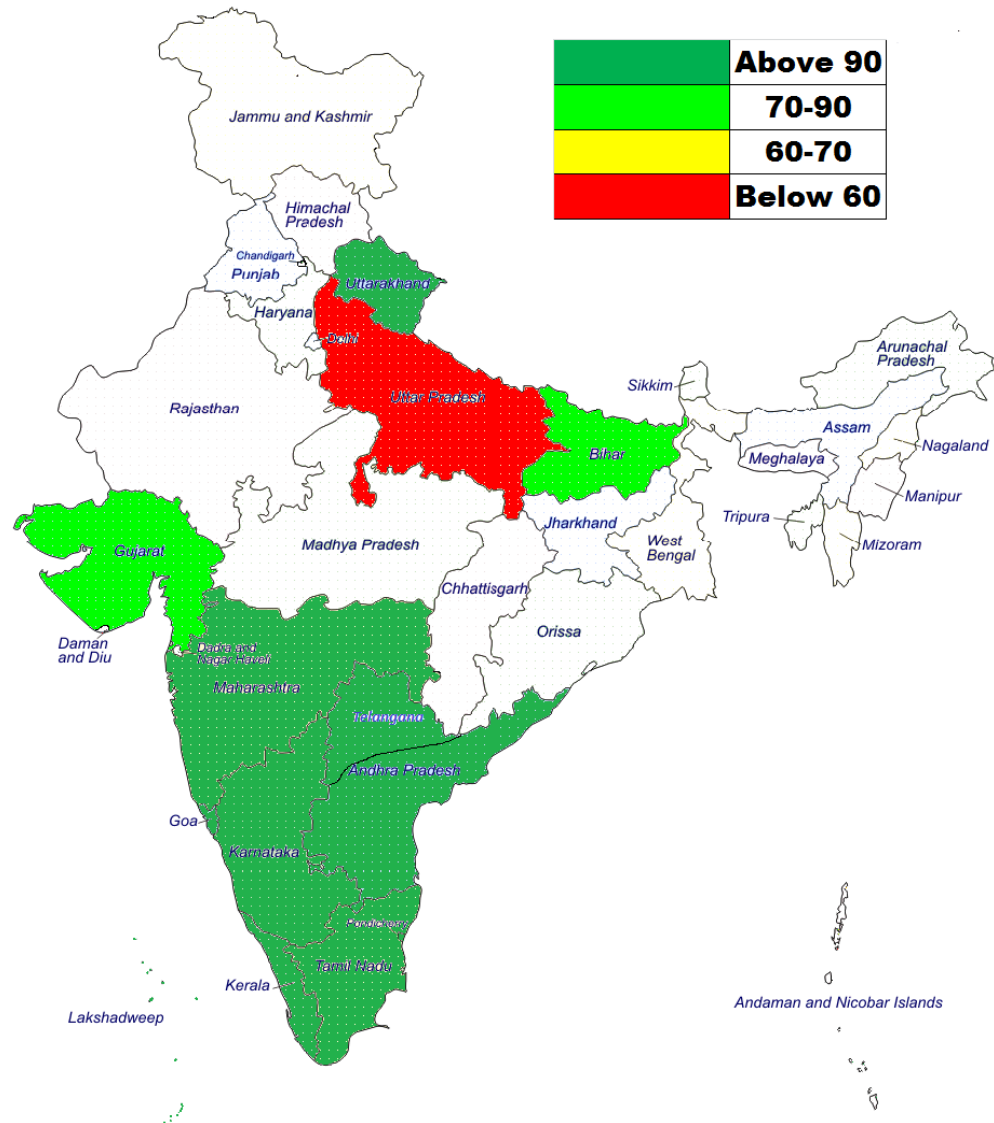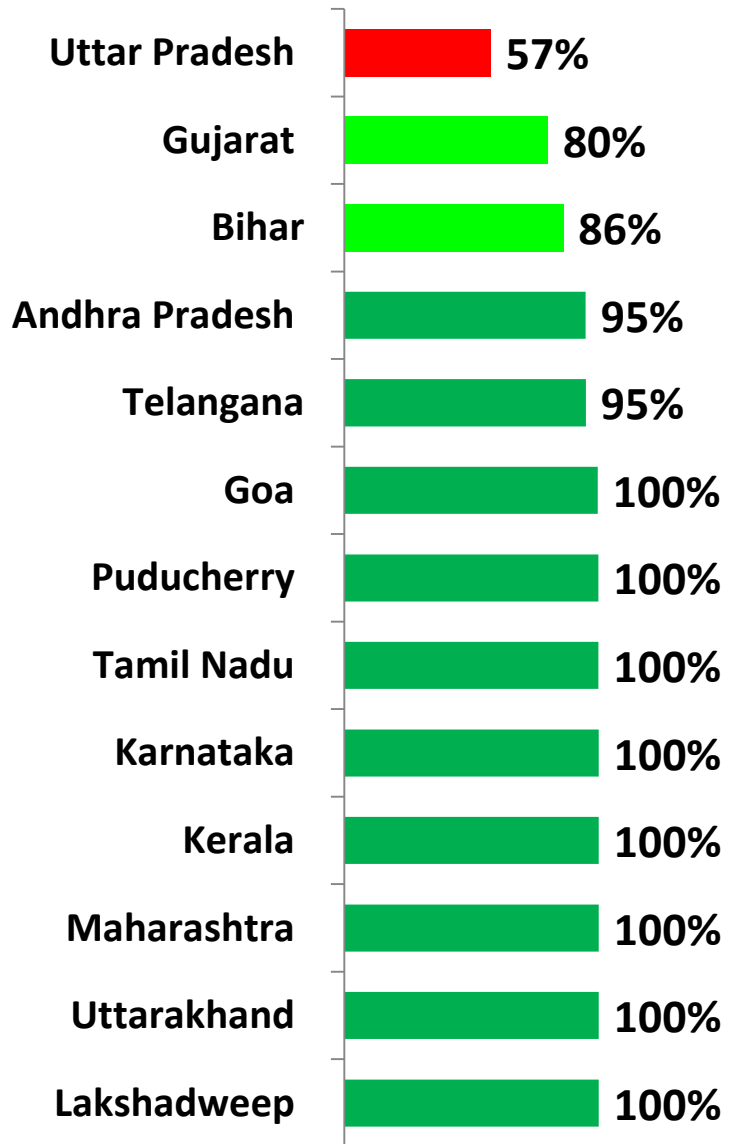
Areas of concern

- **Timely entry of data into portal**

- **Quality of data entry into portal need to be closely monitored**

- **Need for utilization of MIS data for monitoring and planning purposes**

- **Submission of Annual Work Plan & Budget through MIS**

Annual Data Entry Status: 2015-16

State	Percentage
Uttar Pradesh	84%
Gujarat	91%
Telangana	99%
Andhra Pradesh	100%
Bihar	100%
Karnataka	100%
Maharashtra	100%
Tamil Nadu	100%
Uttarakhand	100%
Puducherry	100%
Lakshadweep	100%
Kerala	100%
Goa	100%

Legend:
- Above 90
- 70-90
- 60-70
- Below 60

Monthly Data Entry Status: 2015-16

State	Percentage
Uttar Pradesh	57%
Gujarat	80%
Bihar	86%
Andhra Pradesh	95%
Telangana	95%
Goa	100%
Puducherry	100%
Tamil Nadu	100%
Karnataka	100%
Kerala	100%
Maharashtra	100%
Uttarakhand	100%
Lakshadweep	100%

Legend:
- Above 90
- 70-90
- 60-70
- Below 60

Month-wise Data Entry Status: Uttar Pradesh

57 % Average Monthly Data Entry (Apr-March 2016)

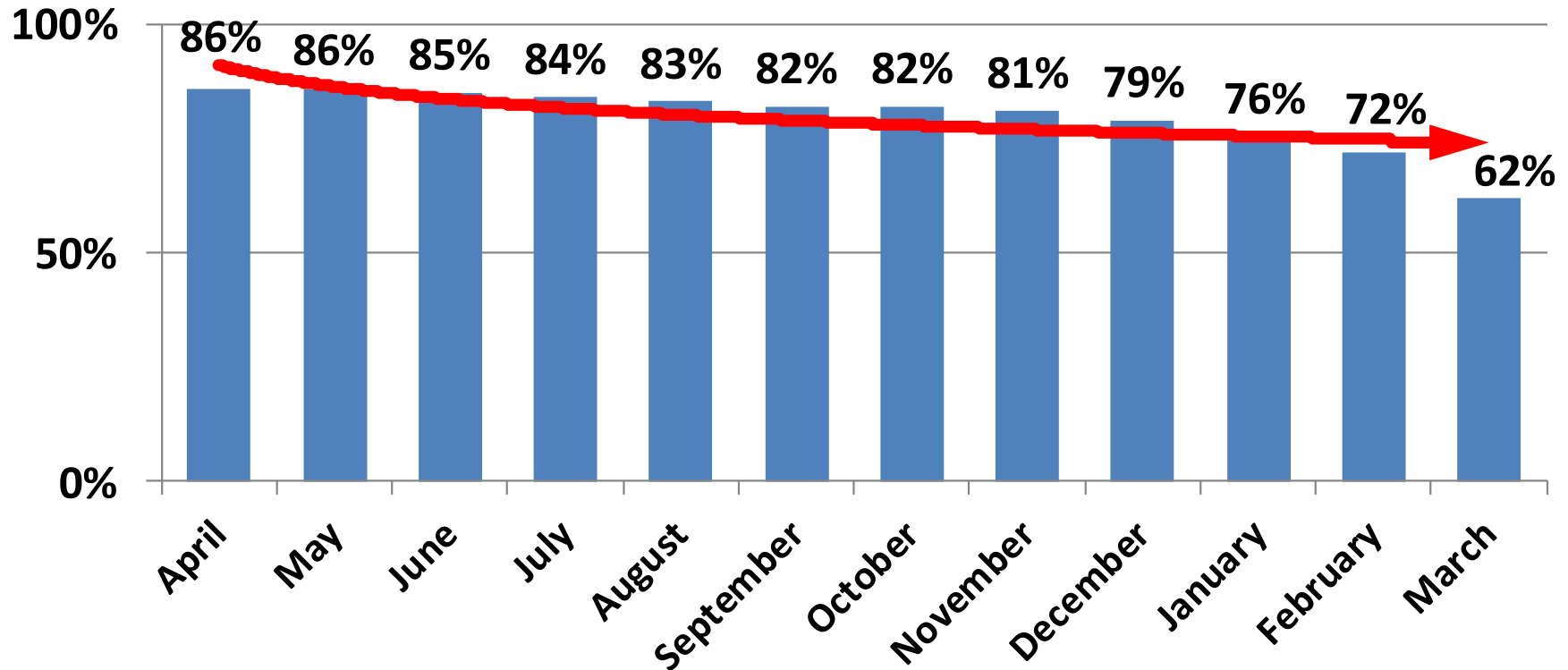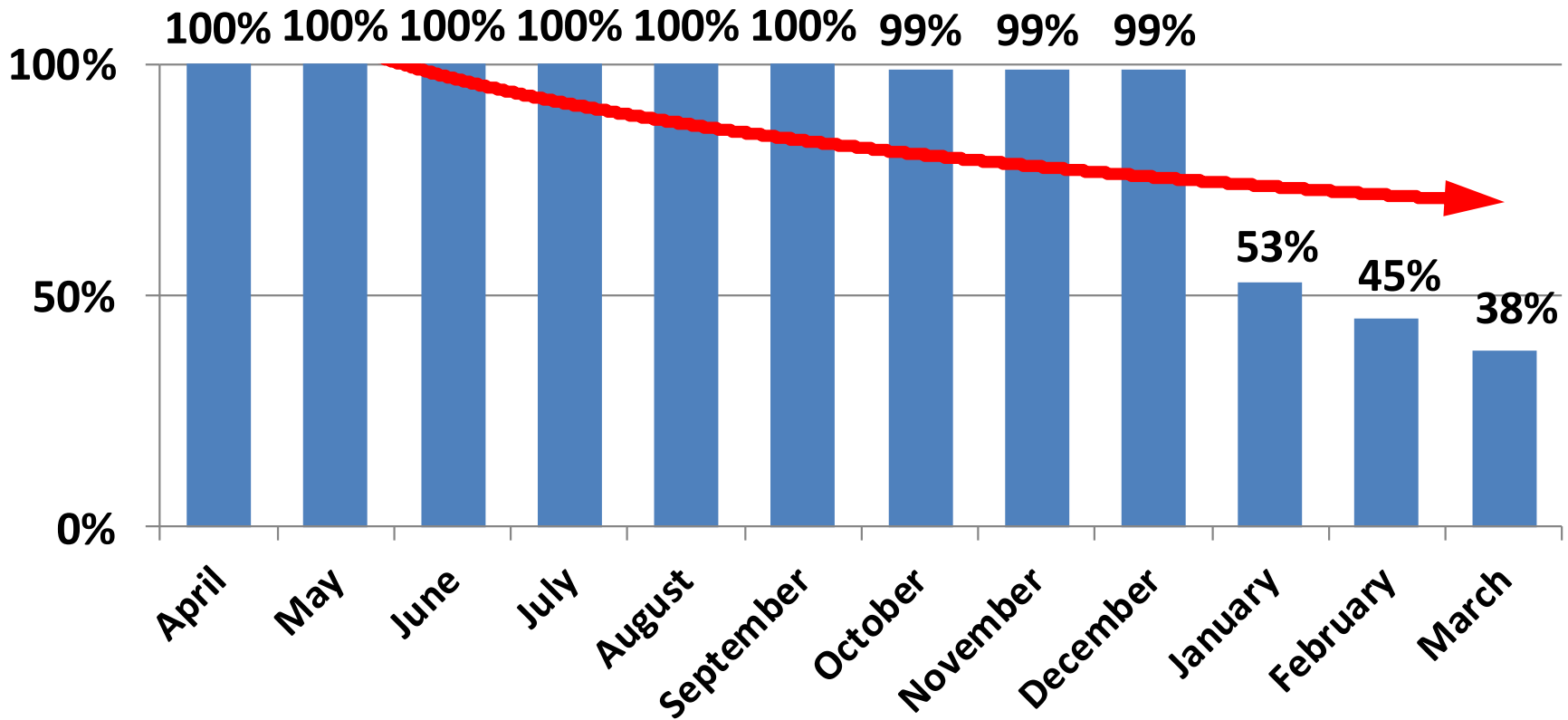| Month	Data Entry
April	70%
May	70%
June	70%
July	68%
August	68%
September	67%
October	65%
November	64%
December	61%
January	35%
February	28%
March	23%
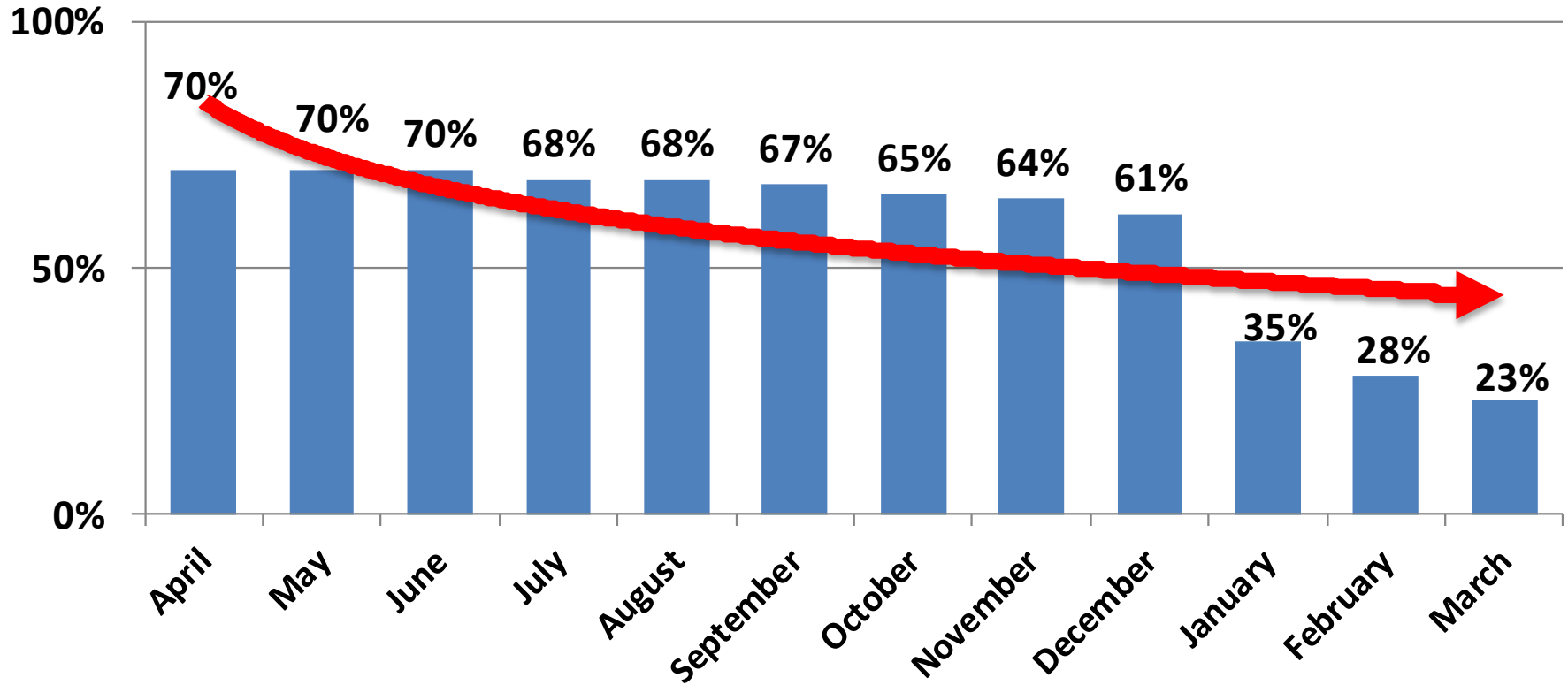
Month-wise Data Entry Status: Gujarat

80 % Average Monthly Data Entry (Apr-March 2016)

Month-wise Data Entry Status: Bihar

86 % Average Monthly Data Entry (Apr-March 2016)

Bar chart showing monthly data entry percentages:
- April: 100%
- May: 100%
- June: 100%
- July: 100%
- August: 100%
- September: 100%
- October: 99%
- November: 99%
- December: 99%
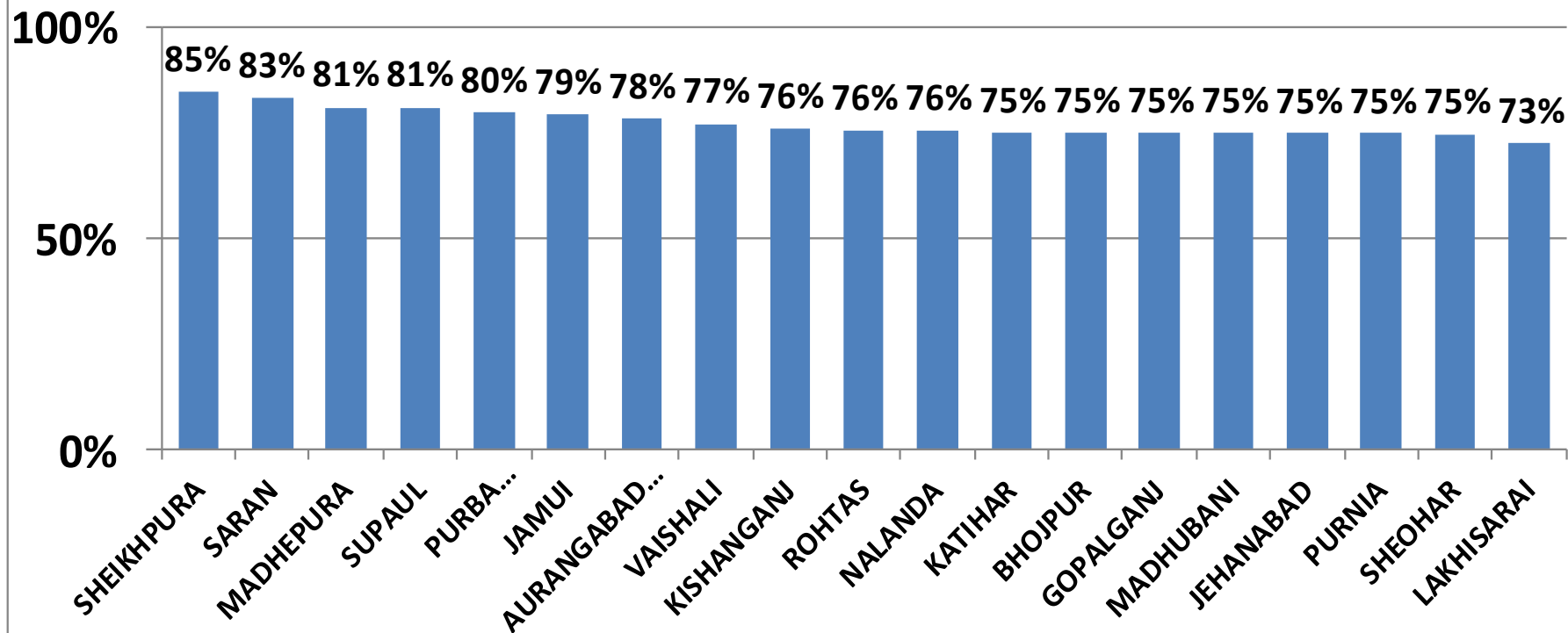- January: 53%
- February: 45%
- March: 38%

Analysis of Data..
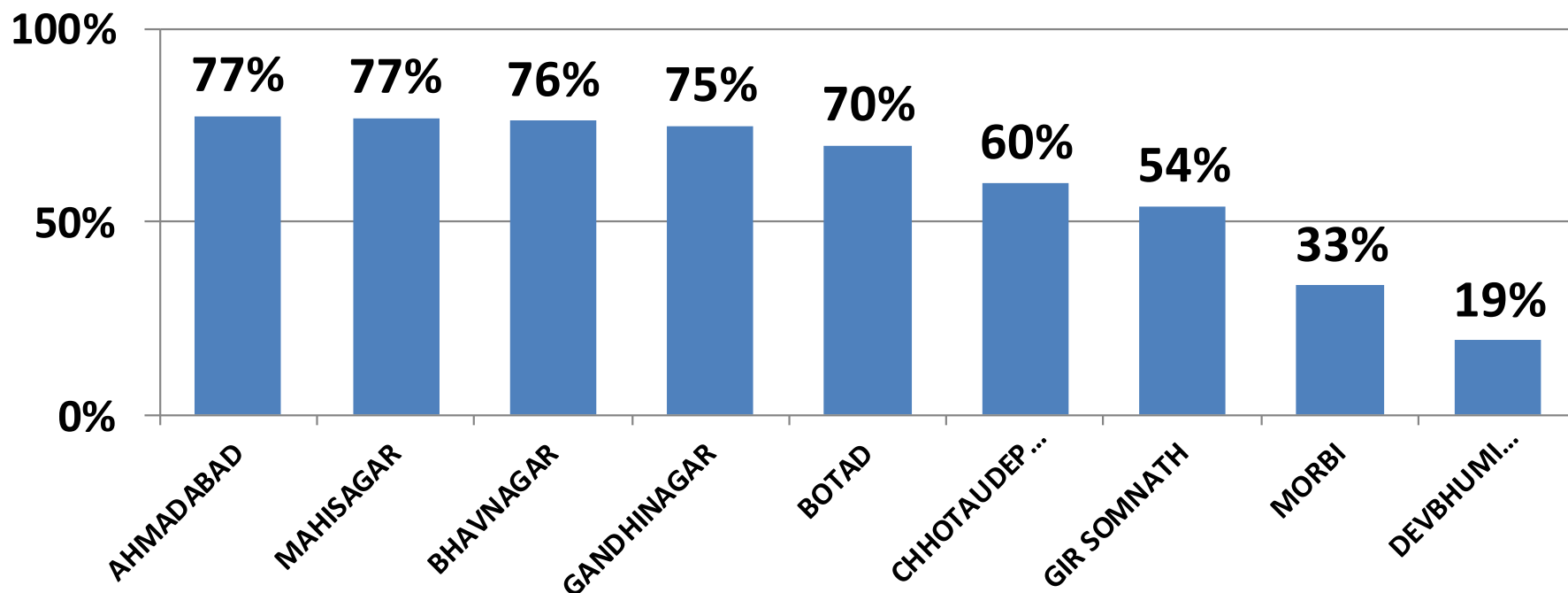
District-wise Data Entry Status: Bihar

% Average Monthly Data Entry (April-March 2016)

Districts with average data entry <=86% (State Avg.)

District-wise Data Entry Status: Gujarat

Annual Data Entry 2015-16

District	Data Entry %
AHMADABAD	77%
MAHISAGAR	77%
BHAVNAGAR	76%
GANDHINAGAR	75%
BOTAD	70%
CHHOTAUDEP…	60%
GIR SOMNATH	54%
MORBI	33%
DEVBHUMI…	19%

Districts with average data entry <=91% (State Avg.)

District-wise Data Entry Status: Gujarat

% Average Monthly Data Entry (April-March 2016)

Bar chart showing percentages by district:
- PATAN: 79%
- SABAR KANTHA: 78%
- VALSAD: 72%
- MAHISAGAR: 64%
- BHAVNAGAR: 61%
- BOTAD: 48%
- AHMADABAD: 37%
- GIR SOMNATH: 33%
- DEVBHUMI DWARKA: 19%
- MORBI: 17%
- CHHOTAUDEPUR: 17%
- GANDHINAGAR: 12%
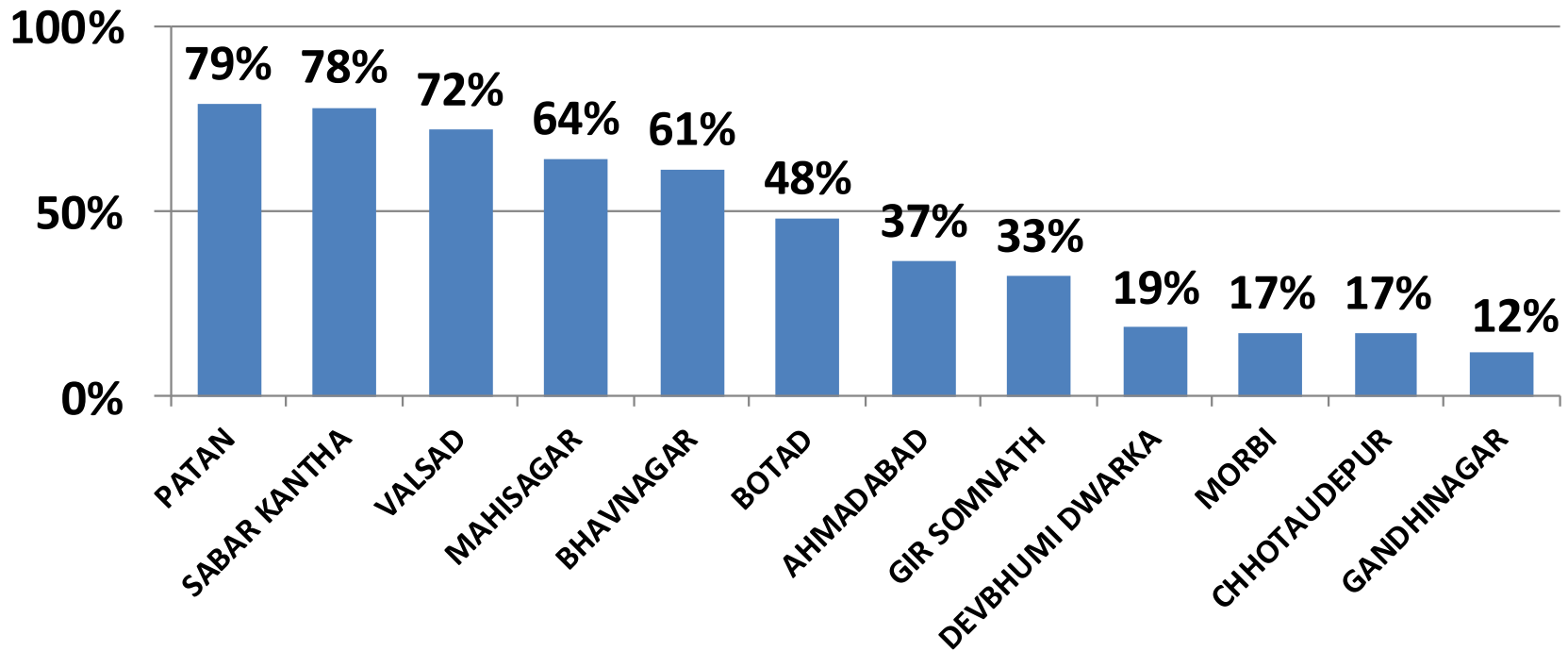
Districts with average data entry <=80% (State Avg.)

District-wise Data Entry Status: Uttar Pradesh

Annual Data Entry 2015-16

District	Value
SIDDHARTHNAG...	81%
HARDOI	79%
VARANASI	76%
SITAPUR	73%
FIROZABAD	73%
KANNAUJ	68%
BULANDSHAHR	67%
BARABANKI	64%
JAUNPUR	61%
LALITPUR	61%
KUSHINAGAR	57%
BAHRAICH	54%
AGRA	52%
MEERUT	45%
BUDAUN	45%
CSM NAGAR	43%
MAU	41%
MAHARAJGANJ	37%
GHAZIPUR	25%
MAHOBA	24%
MAINPURI	2%
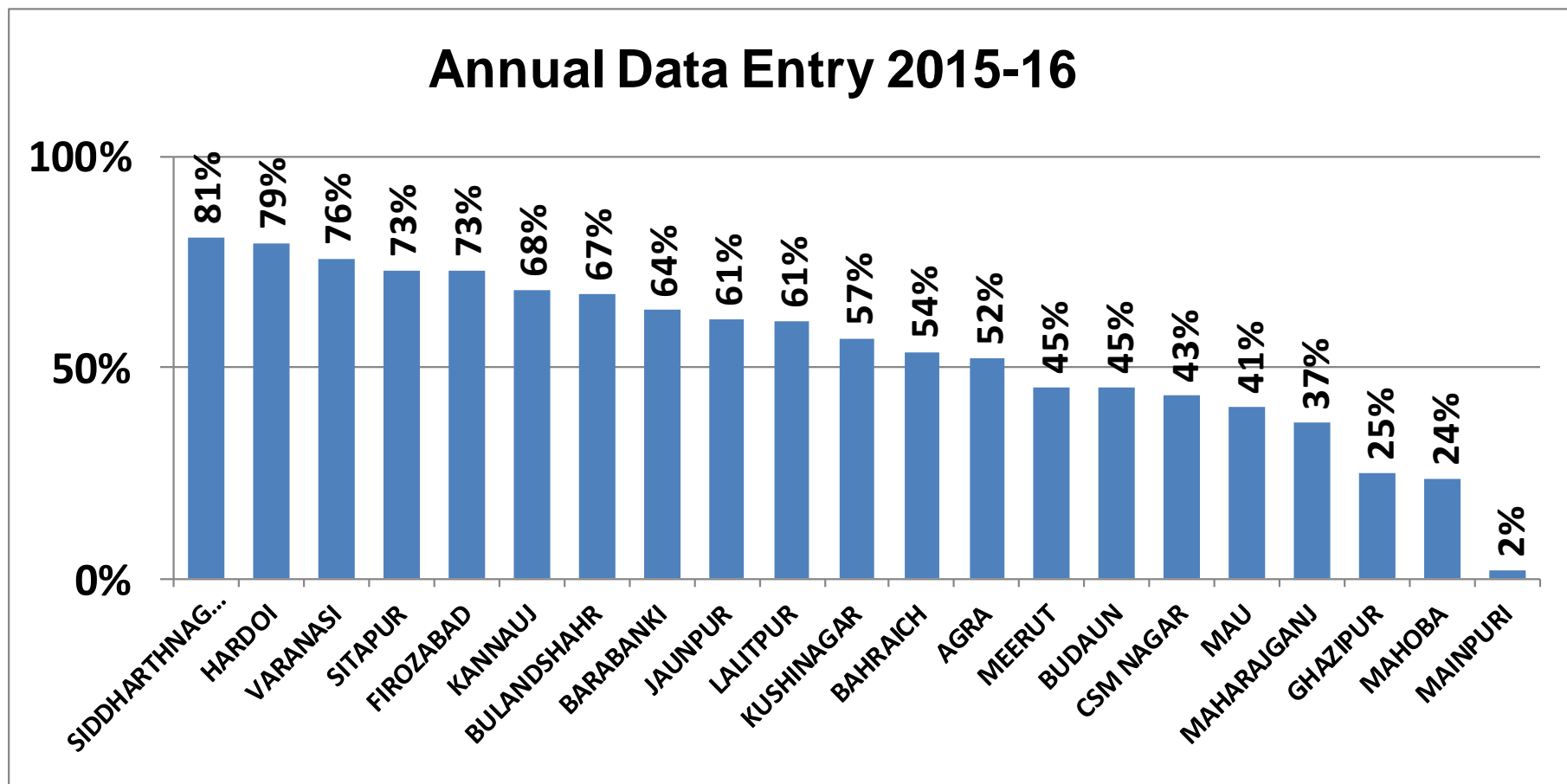
Districts with average data entry <=84% (State Avg.)

District-wise Data Entry Status: Uttar Pradesh

% Average Monthly Data Entry (April-March 2016)

| District	%
VARANASI	56%
DEORIA	56%
ETAH	55%
SIDDHARTHNAGAR	53%
SHRAWASTI	45%
KASHIRAM NAGAR	41%
CHANDAULI	40%
KUSHINAGAR	40%
SAMBHAL	36%
BULANDSHAHR	35%
SITAPUR	33%
BARABANKI	32%
KANNAUJ	30%
MEERUT	29%
FIROZABAD	29%
BAHRAICH	28%
AGRA	28%
BUDAUN	26%
LUCKNOW	24%
MAHOBA	23%
SANT KABIR...	22%
LALITPUR	21%
CSM NAGAR	18%
MAHARAJGANJ	14%
MAU	11%
GHAZIPUR	10%
JAUNPUR	8%
HARDOI	2%
GORAKHPUR	0%
MAINPURI	0%
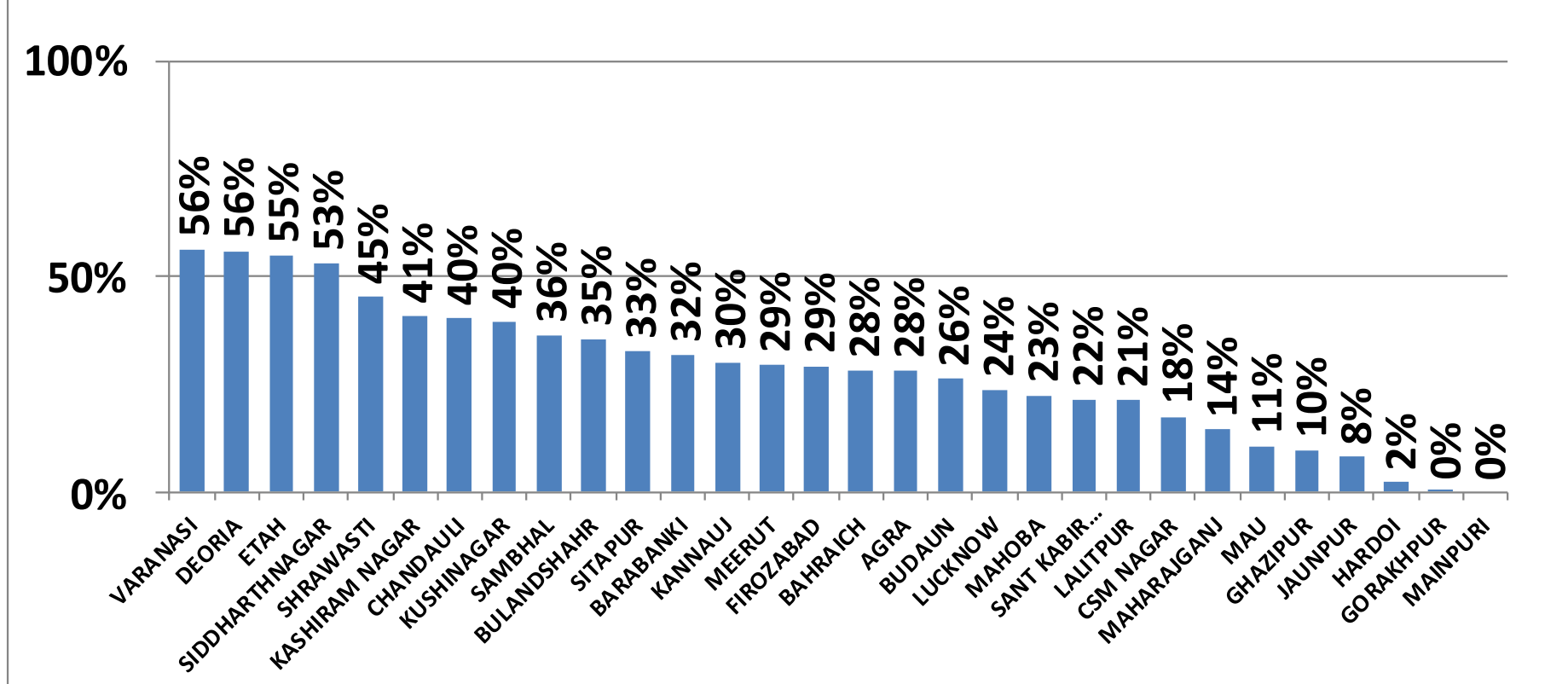
Districts with average data entry <=57% (State Avg.)

Comparison of Data: QPR v/s MIS (2015-16)

Coverage of Children
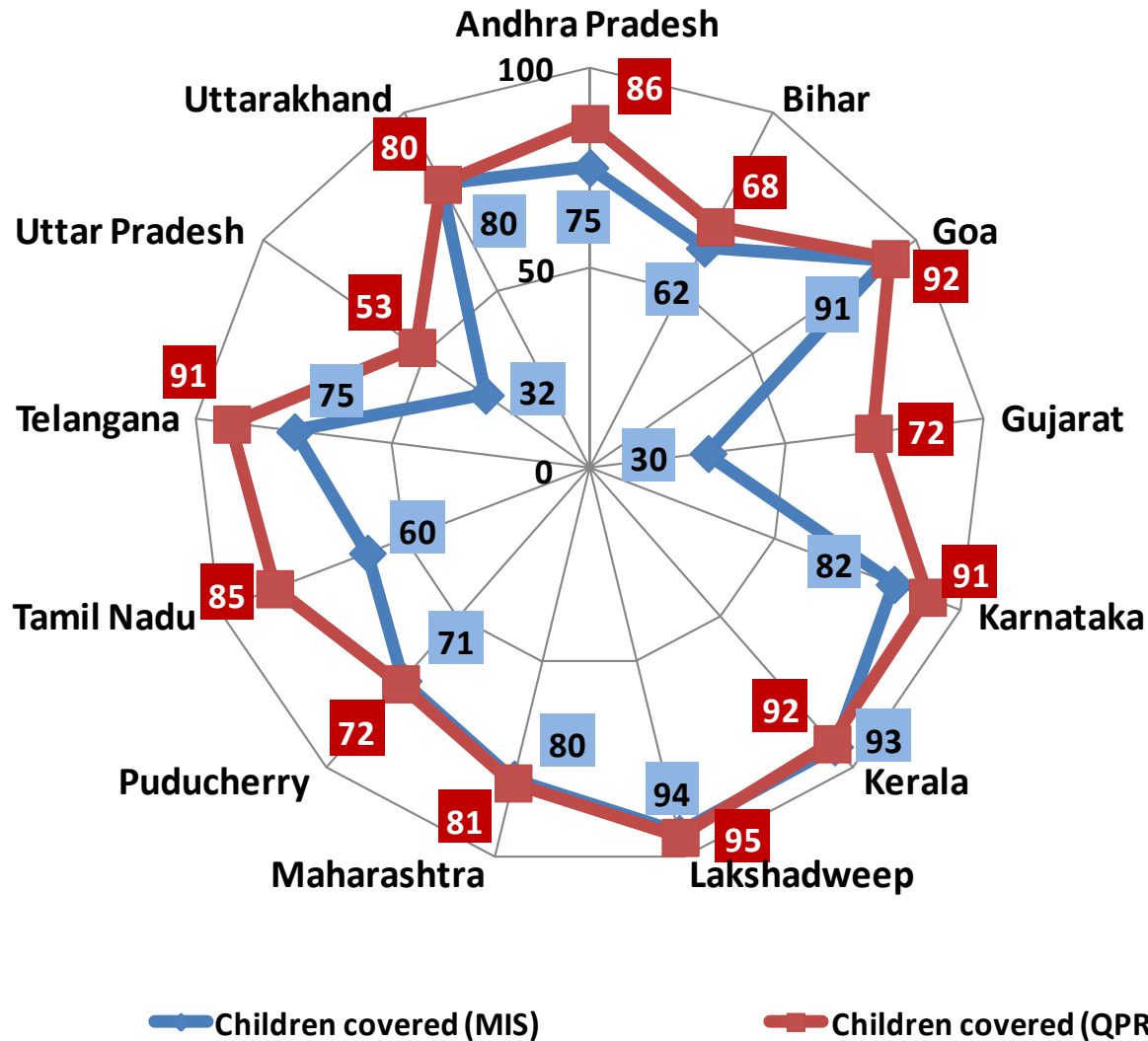
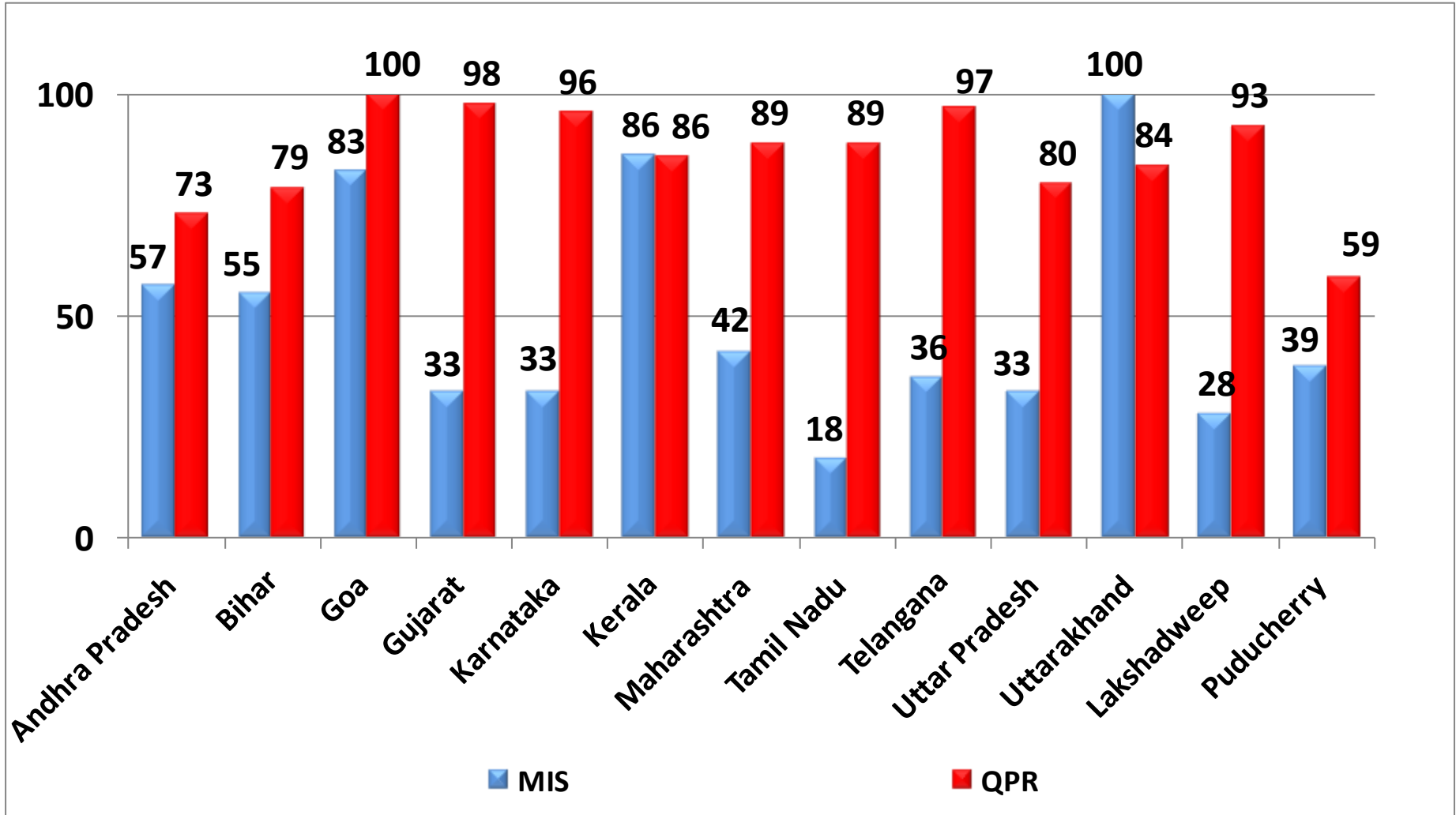Figures denote % coverage of children against enrolment

Working Days

Working days (MIS)   Working days (QPR)
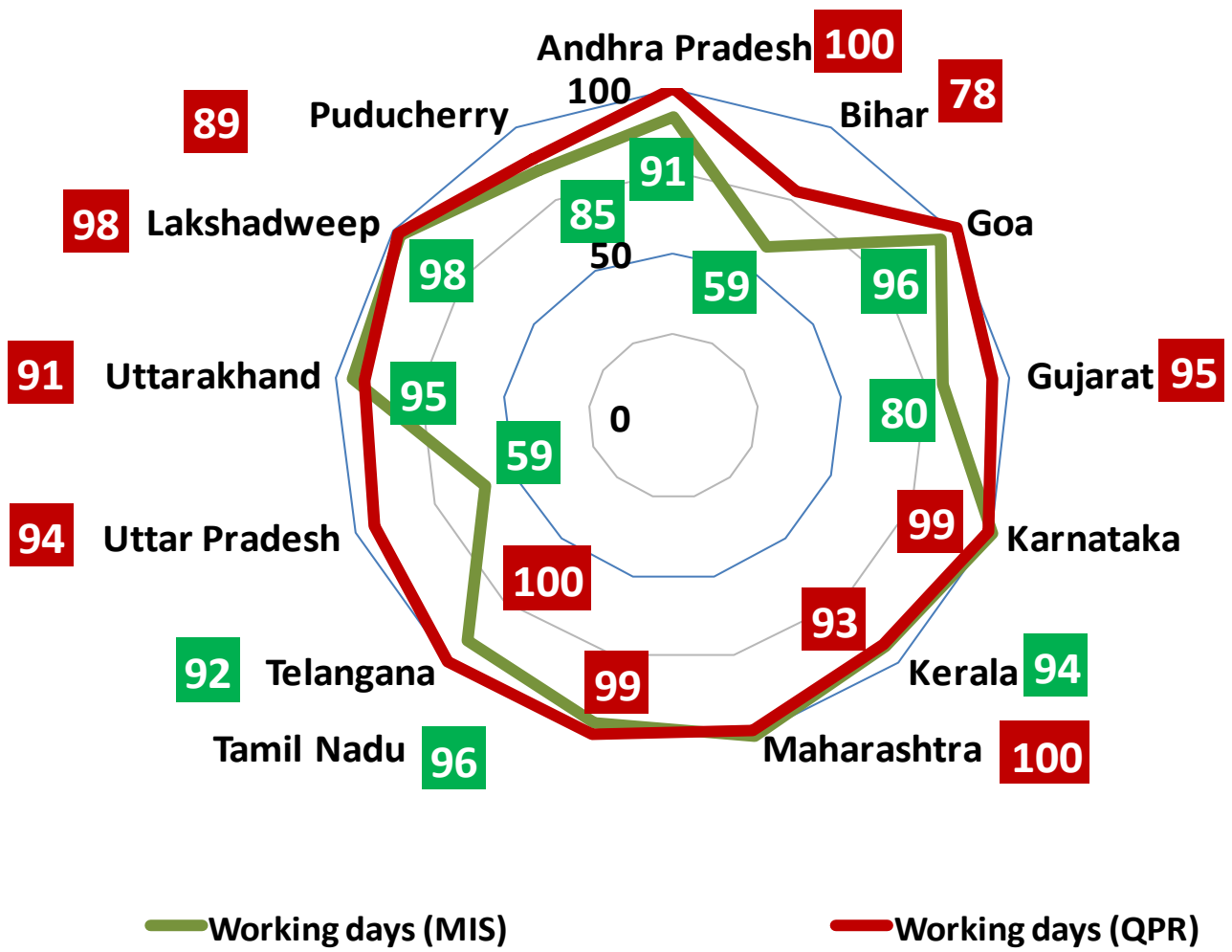
Figures denote % coverage of working days against PAB approval

17

Mismatch in data on utilization of Food Grains

Bar chart comparing MIS and QPR values by state/region:

State/Region	MIS	QPR
Andhra Pradesh	100	88
Bihar	56	80
Goa	88	100
Gujarat	75	92
Karnataka	99	92
Kerala	95	92
Maharashtra	100	90
Tamil Nadu	75	99
Telangana	100	86
Uttar Pradesh	33	81
Uttarakhand	100	85
Lakshadweep	73	74
Puducherry	71	72

Legend: ■ MIS   ■ QPR
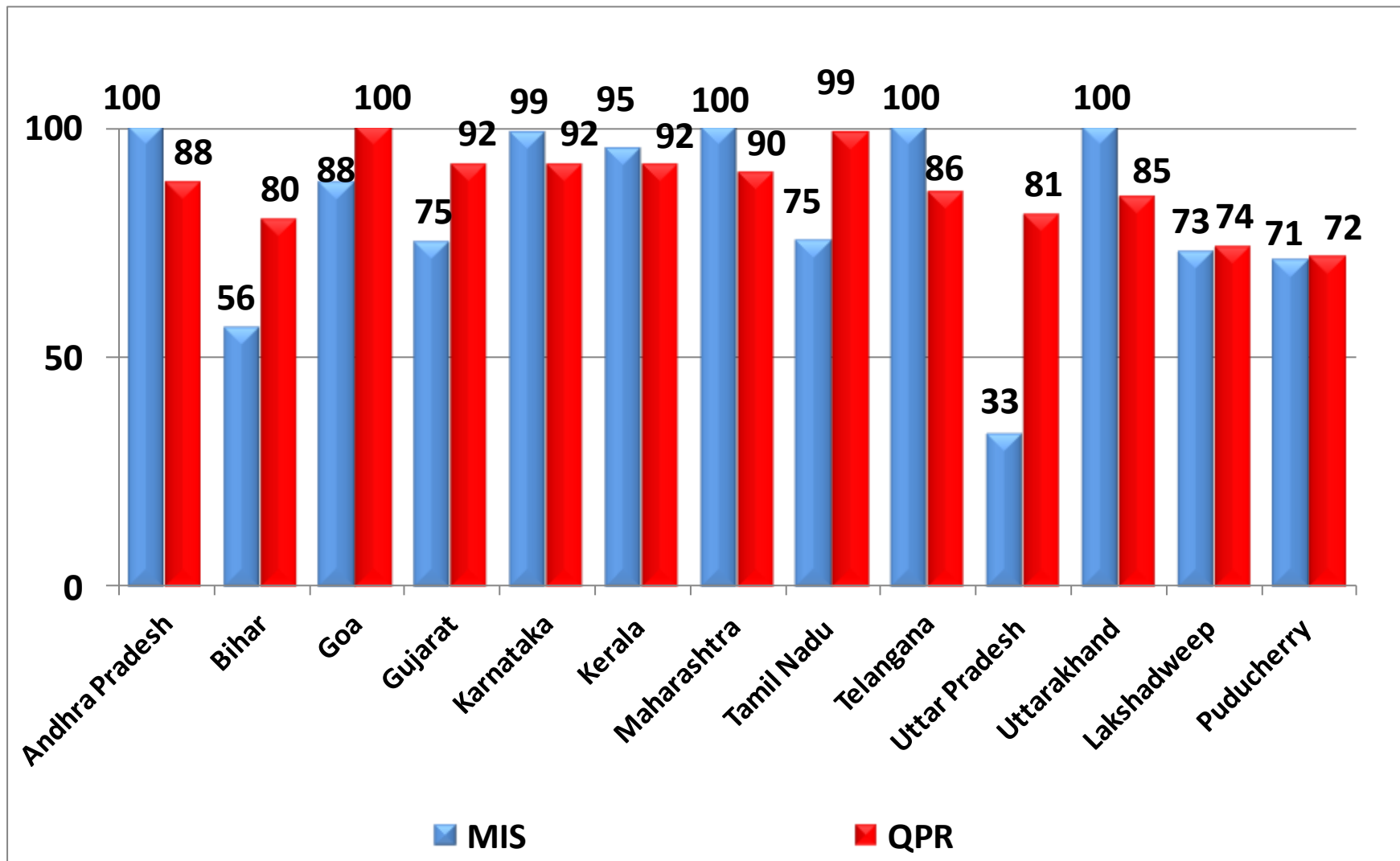
Mismatch in data on utilization of Cooking Cost

Salient features of proposed Automated Monitoring System

❑ Project to be roll out the in decentralized manner i.e. through States/UTs.

❑ States/UTs are required to set up their own system or through a State/UT agency or select of agency or service provider for setting up the system.

❑ Relevant documents like DPR/RFP/contract documents of Uttar Pradesh and Bihar have been shared with States/UTs for guidance.

❑ States/UTs will be required to push the data on certain parameters to the Central server maintained by NIC. (XML format already shared)

❑ Central portal for analysis and display of data will be developed and managed by NIC.

❑ The payment to the service provider is to be made on the basis of unit rate per successful transaction.

❑ The expenditure on the project may be met from the MME funds allocated to the States/UTs.

Timelines

S.No.	Activities / Deliverables	Timeline
1	Circulation of a) DPR/RFP/Contract document of U.P. and Bihar to all States / UTs. b) Model template RFP prepared in consultation with NIC to all States / UTs.	9th March, 2016
2	Prototype of the proposed national portal	9th March, 2016
3	Development of API and central application with dashboard	20th March, 2016
4	Launch of the Central application	31st March, 2016
5	Collection and validation of mobile number of HMs and nodal teachers by State/UT	31st March, 2016
6	Finalization of Central data storage facility	20th April, 2016

Contd..

7	a) Select an agency or a service provider for setting up the automated monitoring system	
	b) Provide training to HMs and nodal teachers through VC / video tutorials or other suitable modes	30th April, 2016
	c) Finalized data storage and data transmission arrangements	
8	Complete setting up of automated system for daily data collection including populating Master Data of mobile phone numbers and training to teachers.	31st May, 2016
9	Integrate the system with NIC Central portal for transmission of data in define formats	15th June, 2016
10	**Go Live:** Roll out the automated system of monitoring	25th June, 2016
11	Provide daily mid day meal data of the number of students being served and reasons of not serving meal, in case meal was not served, in respective schools.	25th June, 2016 onwards (daily)

Current Status

State / UT	Submission of master data	Collection of Mobile numbers		
		Total number of schools	% schools for which mobile number of teachers collected	% schools for which mobile number of teachers validated
Andhra Pradesh	Yes	45594	58%	58%
Bihar	Yes	71956	96%	96%
Goa	Yes	--	--	--
Gujarat	Yes	35751	100%	100%
Karnataka	Yes	55873	51%	48%
Kerala	Yes	12358	99%	100%

Current Status

State / UT	Submission of master data	Collection of Mobile numbers		
		Total number of schools	% schools for which mobile number of teachers collected	% schools for which mobile number of teachers validated
Lakshadweep	Yes	39	100%	100%
Maharashtra	Yes	--	--	--
Puducherry	Yes	447	100%	100%
Tamil Nadu	Yes	43047	13%	13%
Telangana	Yes	25322	100%	100%
Uttar Pradesh	Yes	166939	97%	95%
Uttarakhand	Yes	17692	100%	100%