



Rajasthan- at a Glance

State Institute of Health and Family Welfare,
Jaipur

Rajasthan

- Date of formation Nov.01,1956
- 3,42,239 sq.km
- 10.41% of Land area.
- Thar Desert :70% of total landmass
- Forest vegetation - 9.54%
- The oldest chain of mountains - the Aravali
- Roads: 1,51,914 km. (8,798 km National Highway)
- 33 districts and 289 development blocks.





Rajasthan

- Districts: 33
- Blocks: 295
- Total revenue villages: 44672
 - Tribal district: 7
 - Desert district: 6
 - Plain district: 20

Divisions / Districts



Ajmer

Ajmer, Nagaur, Tonk, Bhilwara



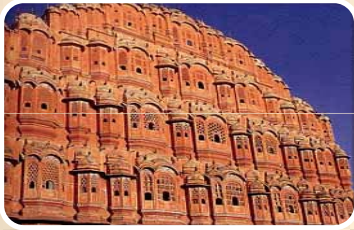
Bharatpur

Bharatpur, Dholpur, Karauli, Sawai-Madhopur



Bikaner

Bikaner, Churu, Hanumangarh, Sri-ganganagar



Jaipur

Jaipur, Alwar, Dausa, Jhunjhunu, Sikar



Jodhpur

Barmer, Jaisalmer, Jalore, Jodhpur, Pali, Sirohi



Kota

Baran, Bundi, Jhalawar, Kota



Udaipur

Banswara, Chittorgarh, Dungarpur, Rajsamand, Pratapgarh, Udaipur

Tribal

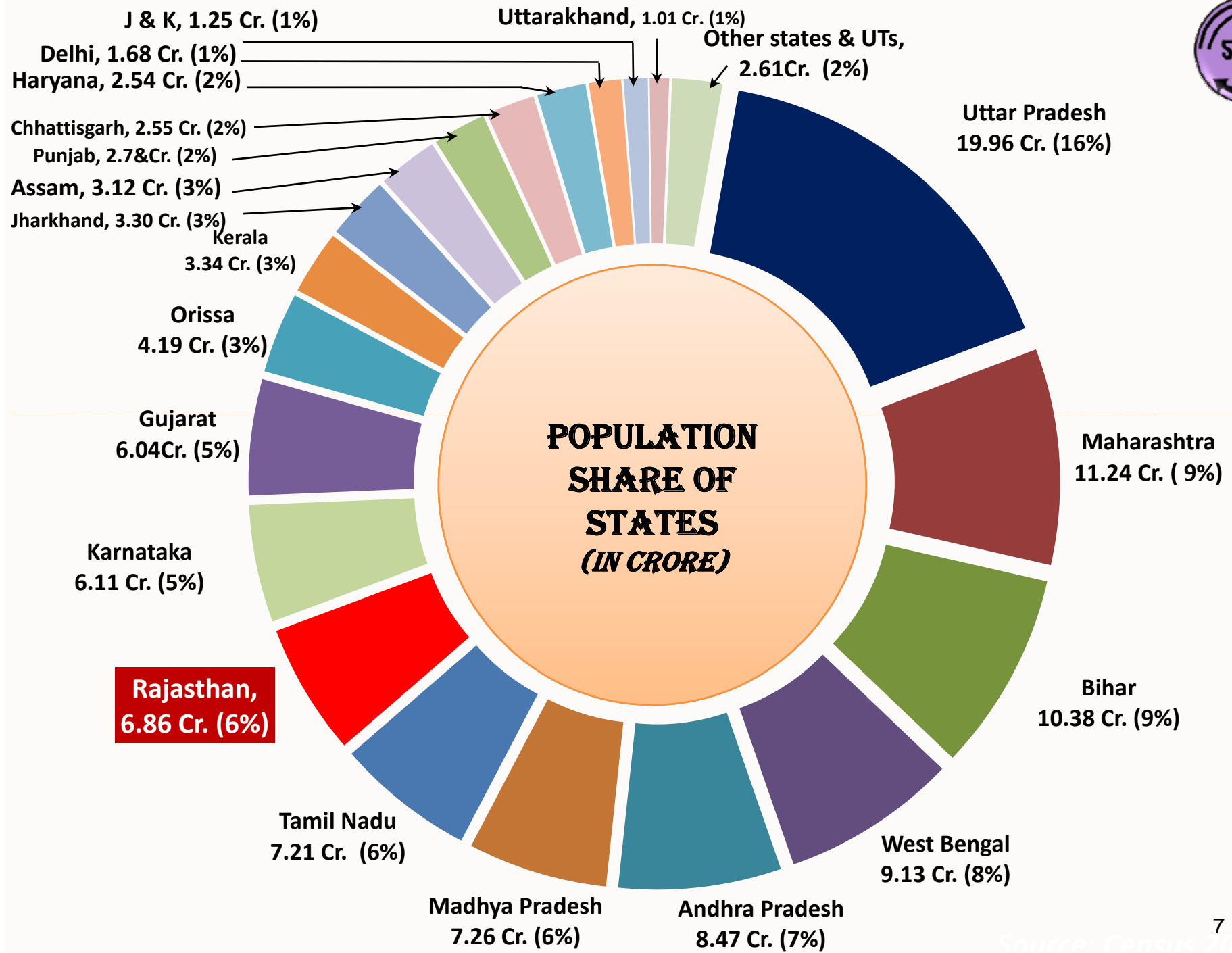
1. Banswara
2. Baran
3. Dungarpur
4. Chittorgarh
5. Pratapgarh
6. Sirohi
7. Udaipur

Desert

1. Barmer
2. Bikaner
3. Churu
4. Jaisalmer
5. Jalore
6. Jodhpur

Plain

1. Ajmer
2. Alwar
3. Bharatpur
4. Bhilwara
5. Bundi
6. Dausa
7. Dholpur
8. Ganganagar
9. Hanumangarh
10. Jaipur
11. Jhalawar
12. Jhunjhunu
13. Karauli
14. Kota
15. Nagaur
16. Pali
17. Rajsamand
18. Sikar
19. S.madhampur
20. Tonk



Population

Source: Census-2011



India

- Total : 1,21,05,69,573
 - Male: 62,31,21,843
 - Female: 58,74,47,730
- Urban: 37,71,06,125
- Rural: 83,34,63,448

Rajasthan

- Total : 6,86,21,012
 - Male: 3,55,50,997
 - Female: 3,29,97,440
- Urban: 1,70,48,085
- Rural: 5,15,00,352

Demographic Indicators -

	India	Rajasthan
SC Population	16.6	17.8
ST Population	8.6	13.5
Literacy	73%	66.1%
Male	80.9%	79.2%
Female	64.6%	52.1%

Demographic indicators



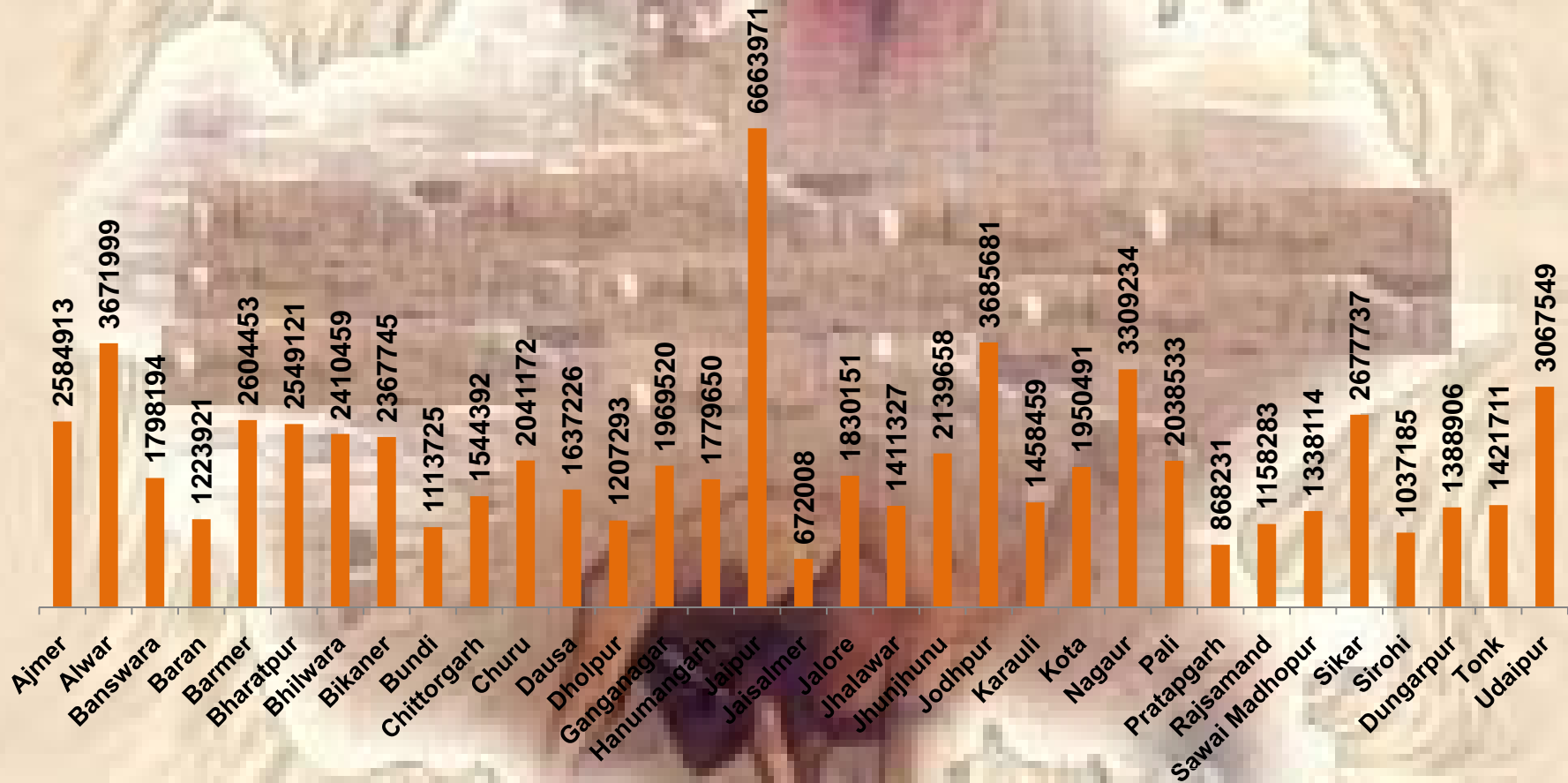
PARTICULAR	INDIA	RAJASTHAN
CBR	21.4	25.6
CDR	7.0	6.5
TFR	2.3	2.4
Natural Growth	14.5	19.3%
Sex Ratio	943	928
Child Sex Ratio	914	888

Source: Census: 2011(Rajasthan)/Demographic Indicators September-2014on
<https://nrhm-mis.nic.in/SitePages/HMIS-PeriodicReport.aspx>

Slum Population -

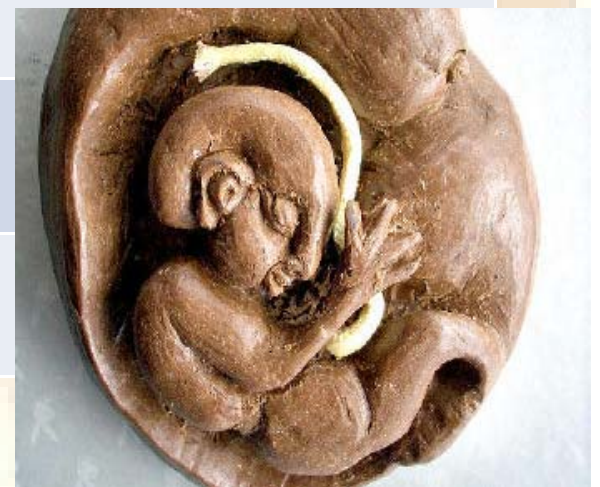
	Towns Reporting slums	Total No. of Households	% of total slum population to urban population
India	2,613	13,920,191	17.4
Rajasthan	107	394,391	12.1

District Population - Census 2011

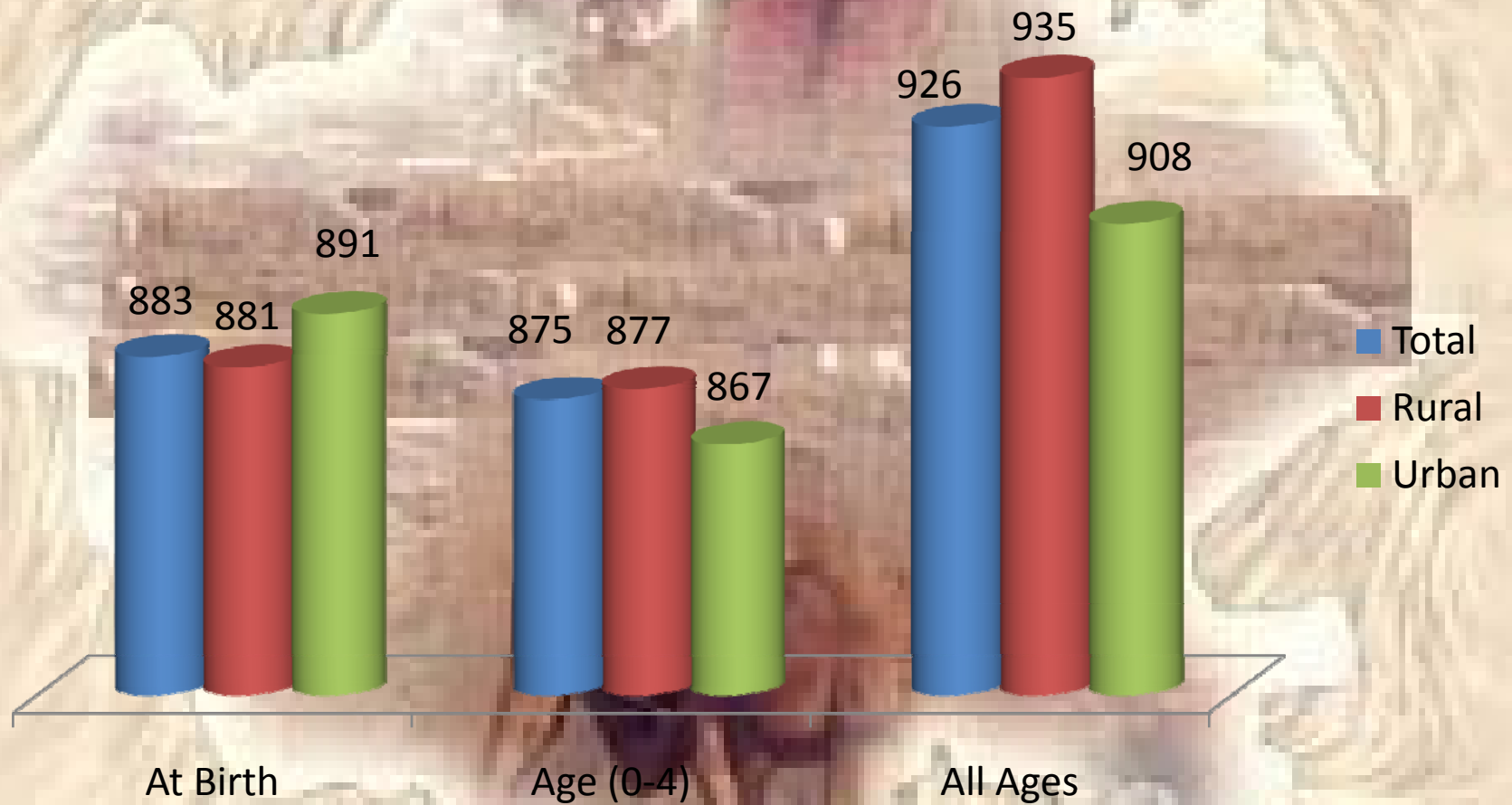


Sex Ratio: India -

Year	India	Rajasthan
2004-06	908	882
2005-07	914	876
2006-08	915	876
2007-09	914	869
2008-2010	945	879
2009-2011	946	880

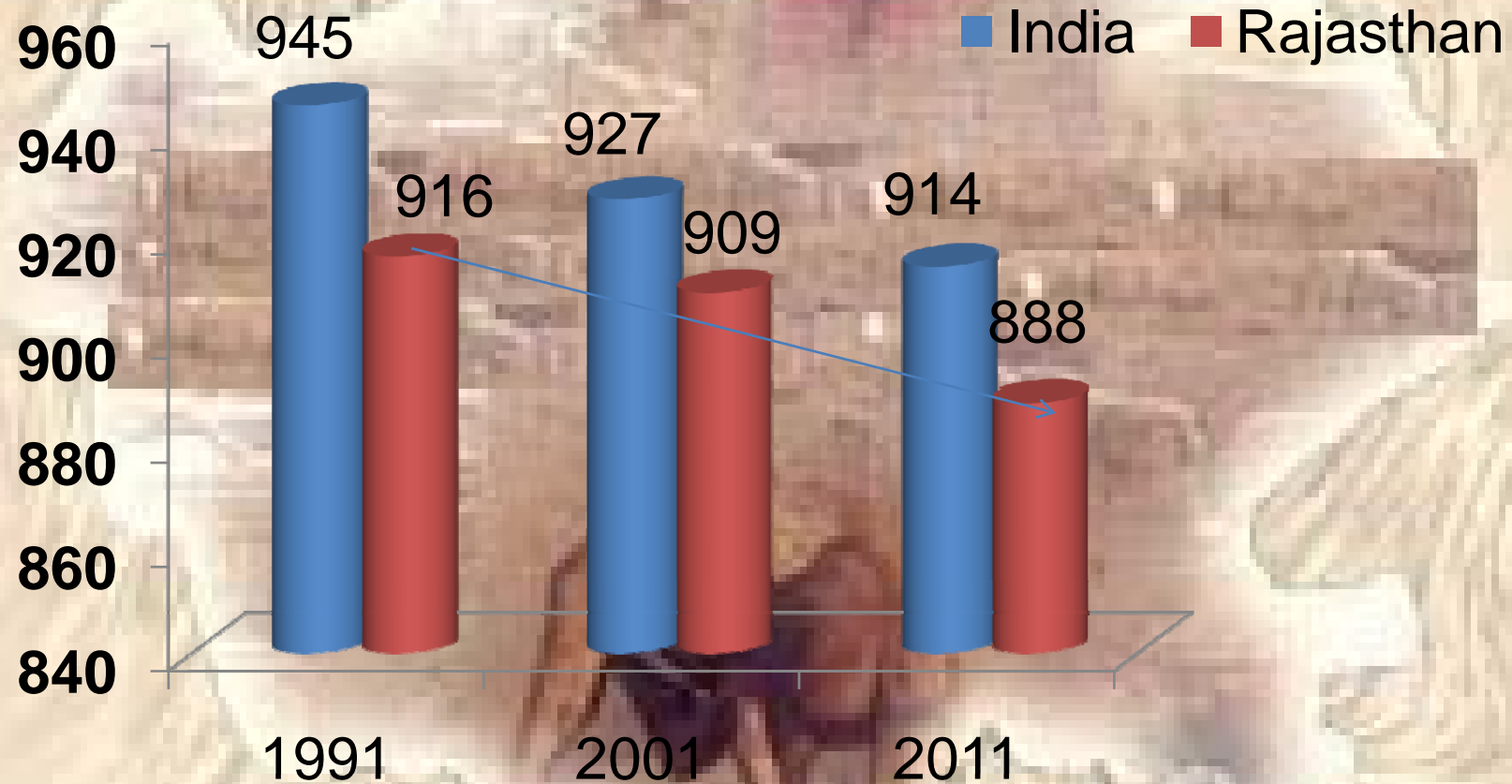


Sex Ratio (Raj)



Source: AHS – 2011-12

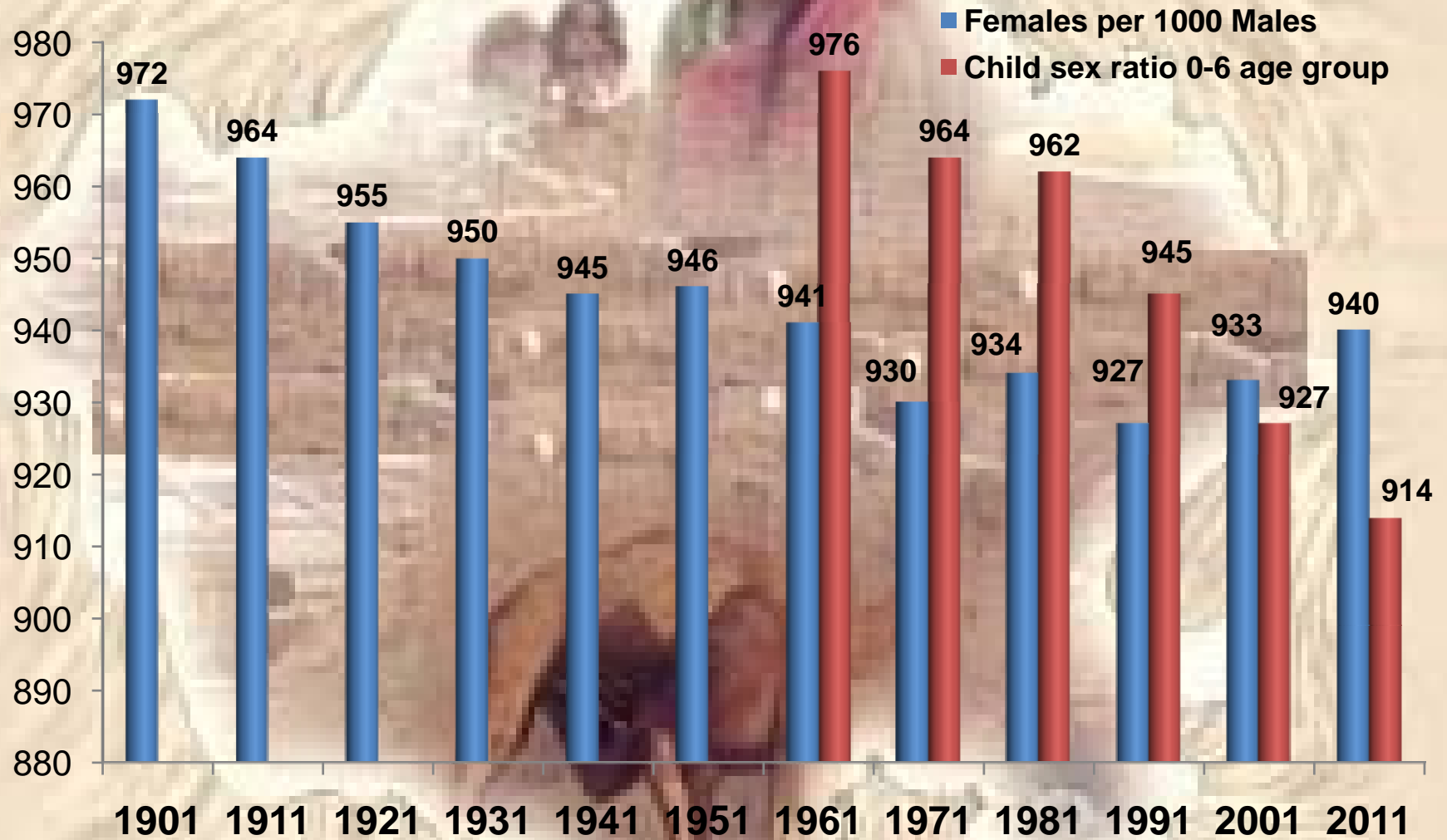
Child Sex Ratio (0-6 yrs.)-



Source: Census of India



Female & Child Sex Ratio-INDIA

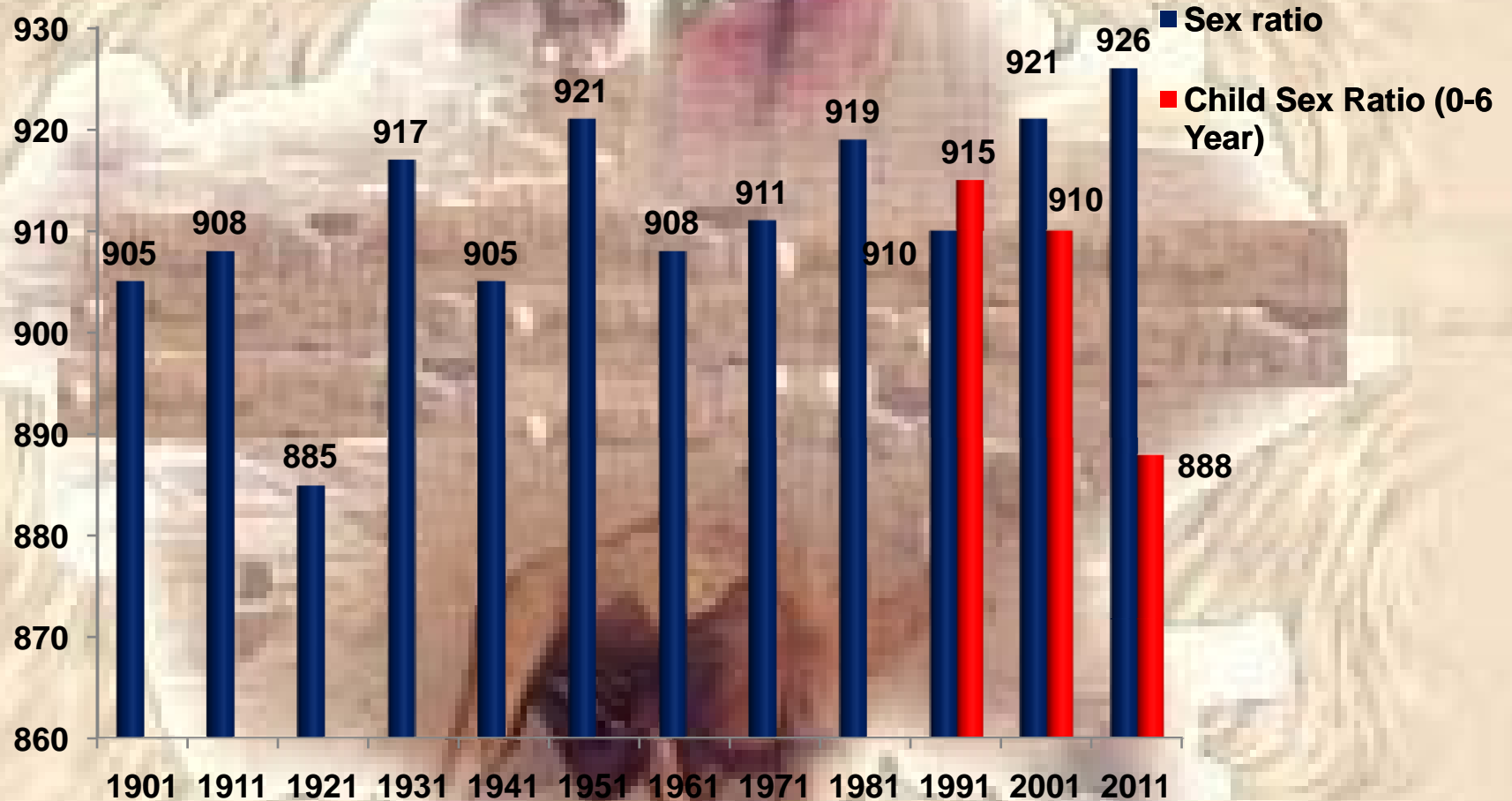


Source-www.censusindia.gov.in-

SIHFW: an ISO9001: 2015 certified institution



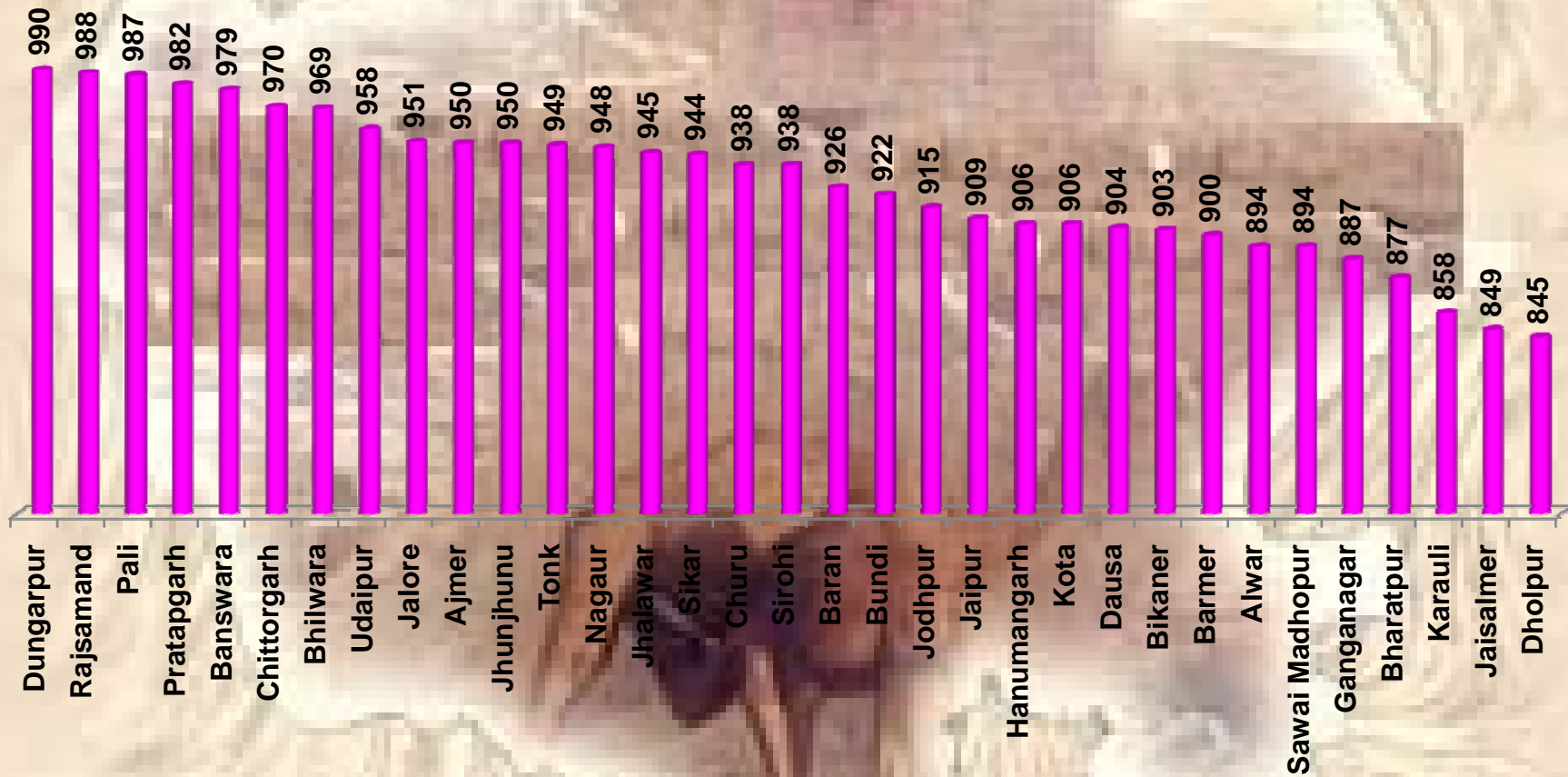
Female & Child Sex Ratio-Rajasthan



Source-www.censusindia.gov.in

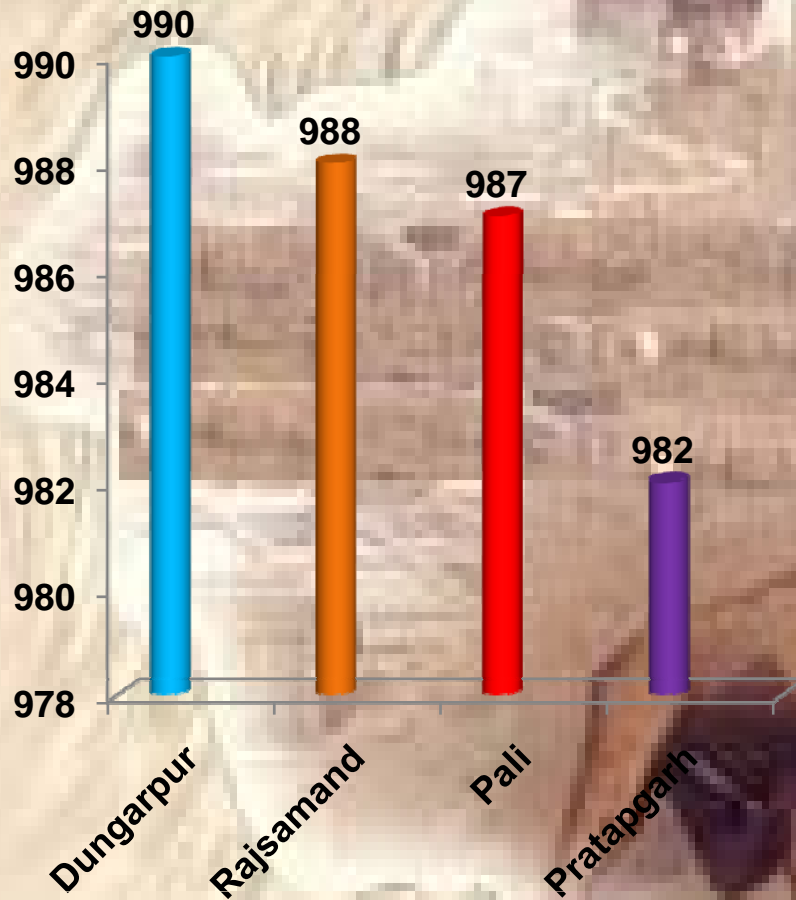
SIHFW: an ISO9001: 2015 certified institution

District Sex Ratio - Census 2011

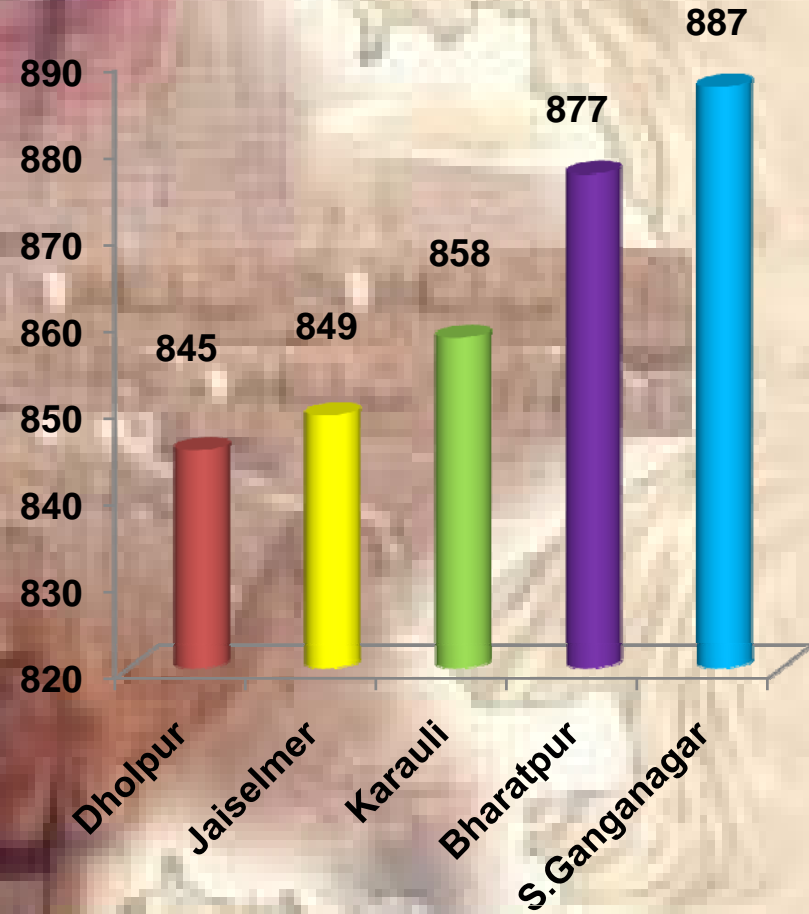




Highest Child Sex Ratios- Districts



Lowest Child Sex Ratios- Districts



Source-www.censusindia.gov.in

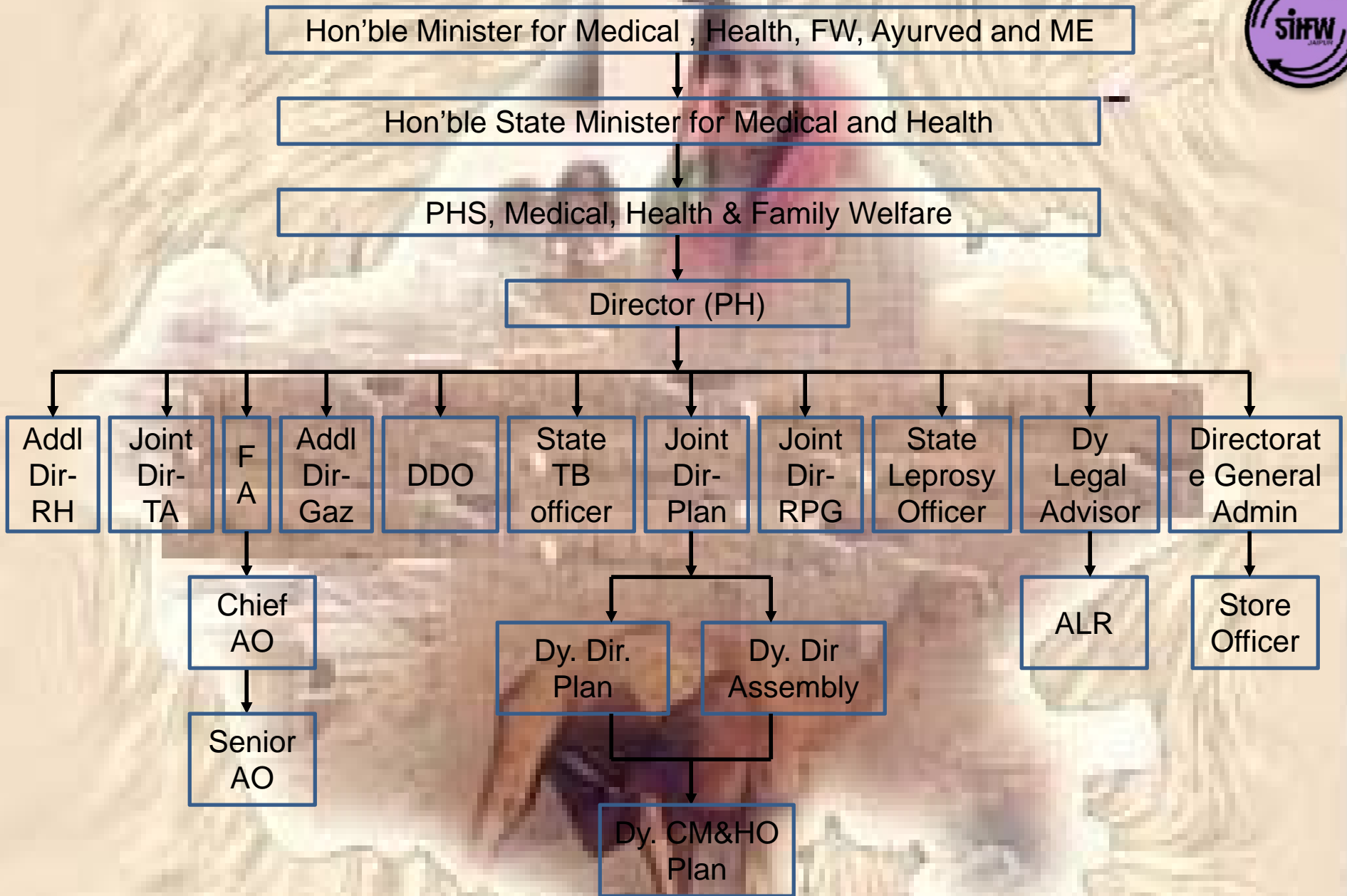
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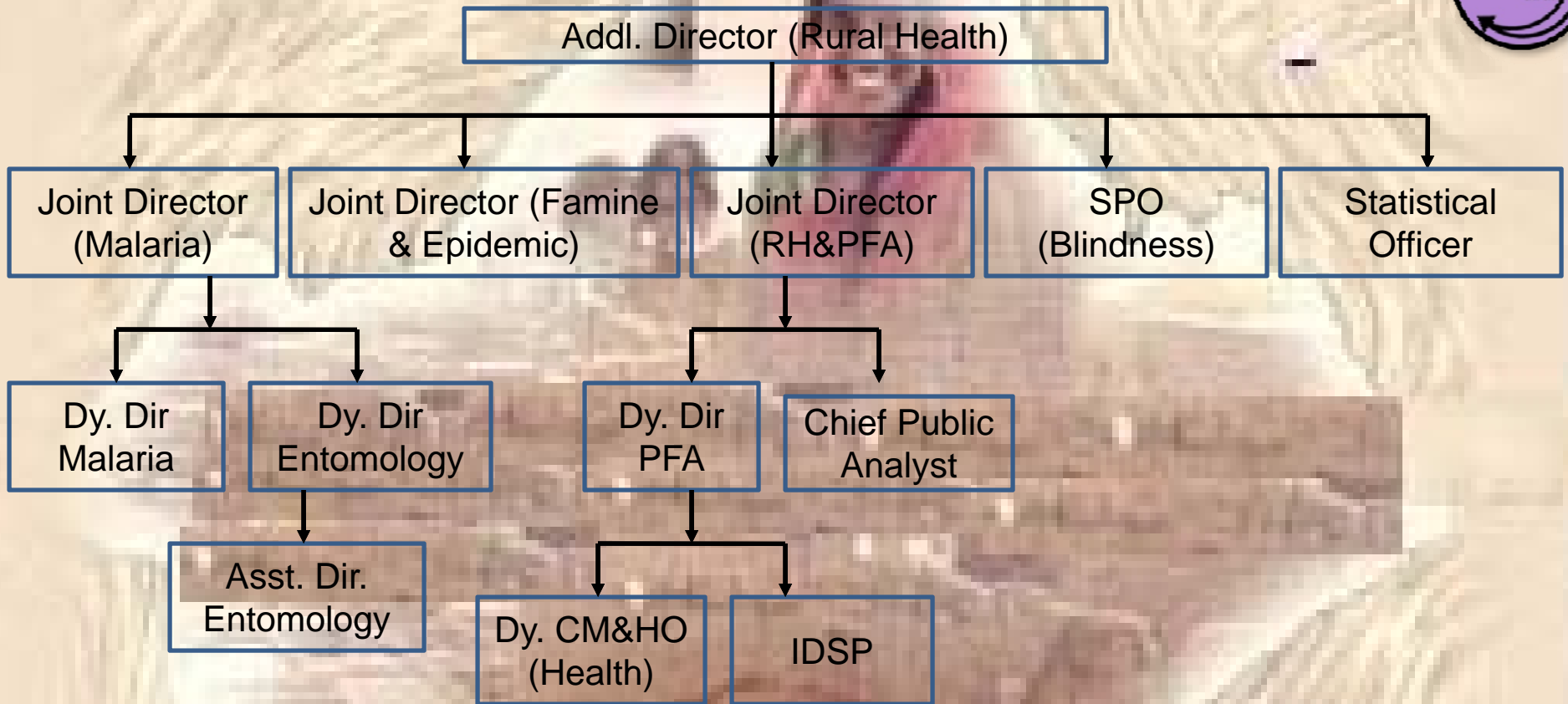
District Literacy Rate- Census 2011

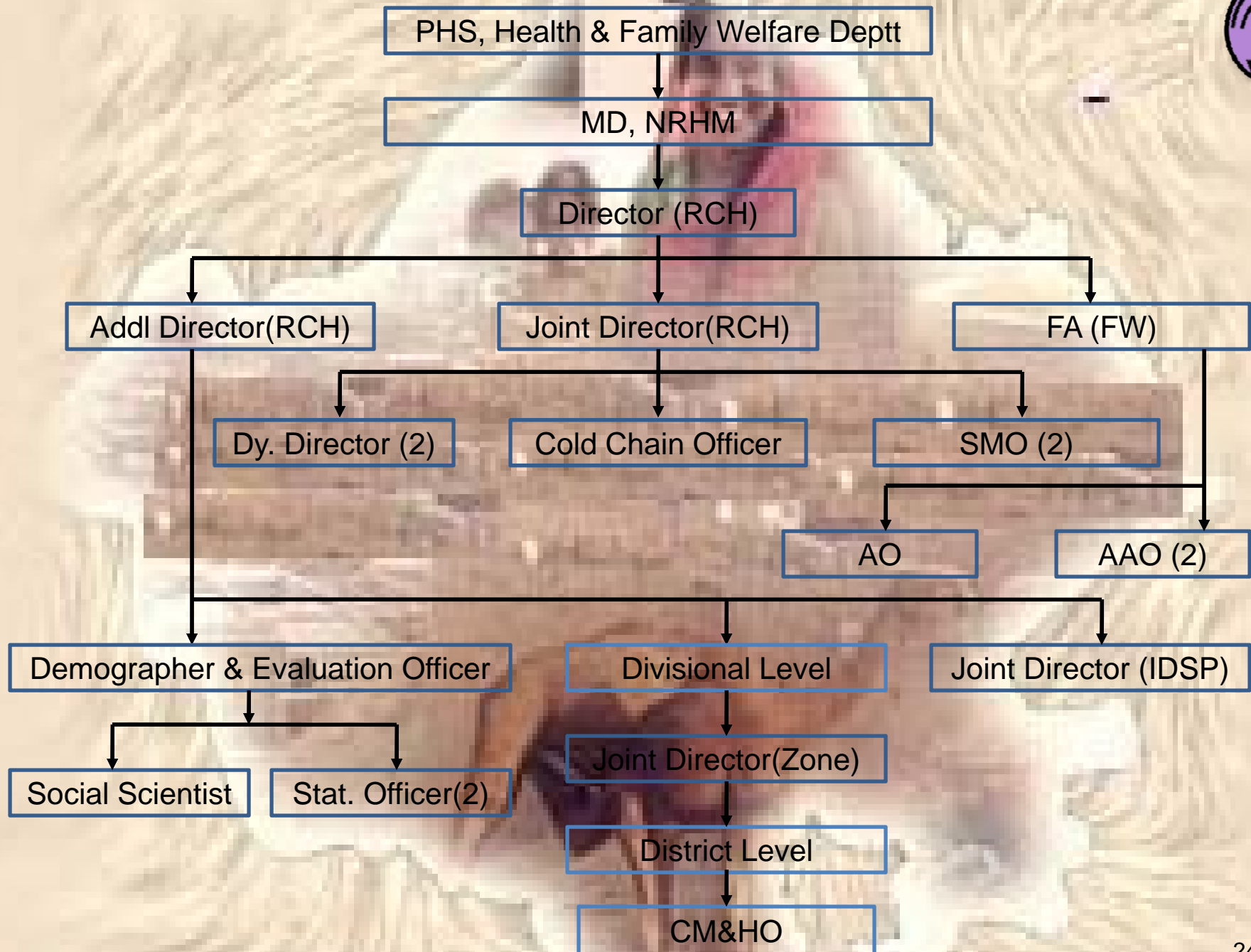


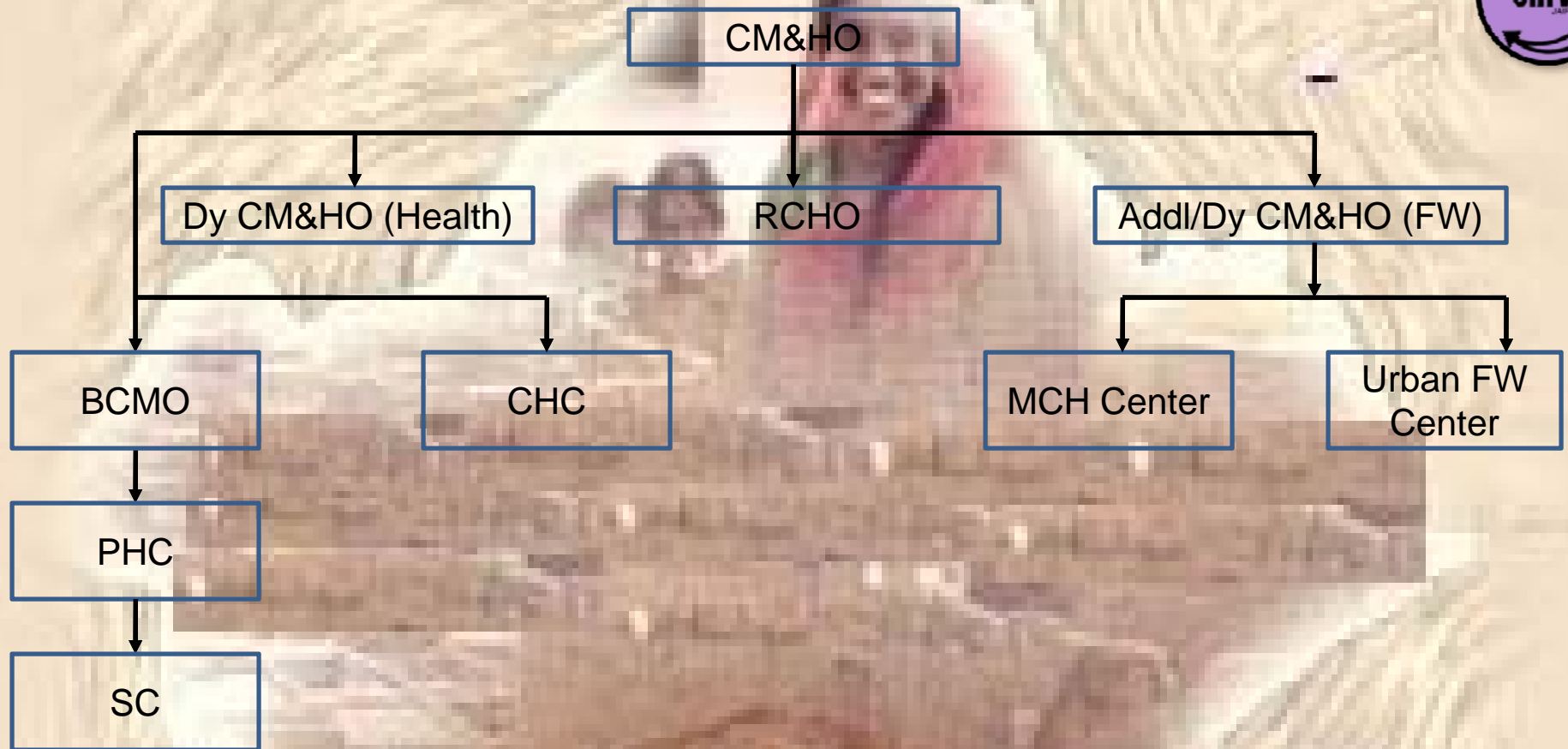


Organogram - DM&HS (Raj.)

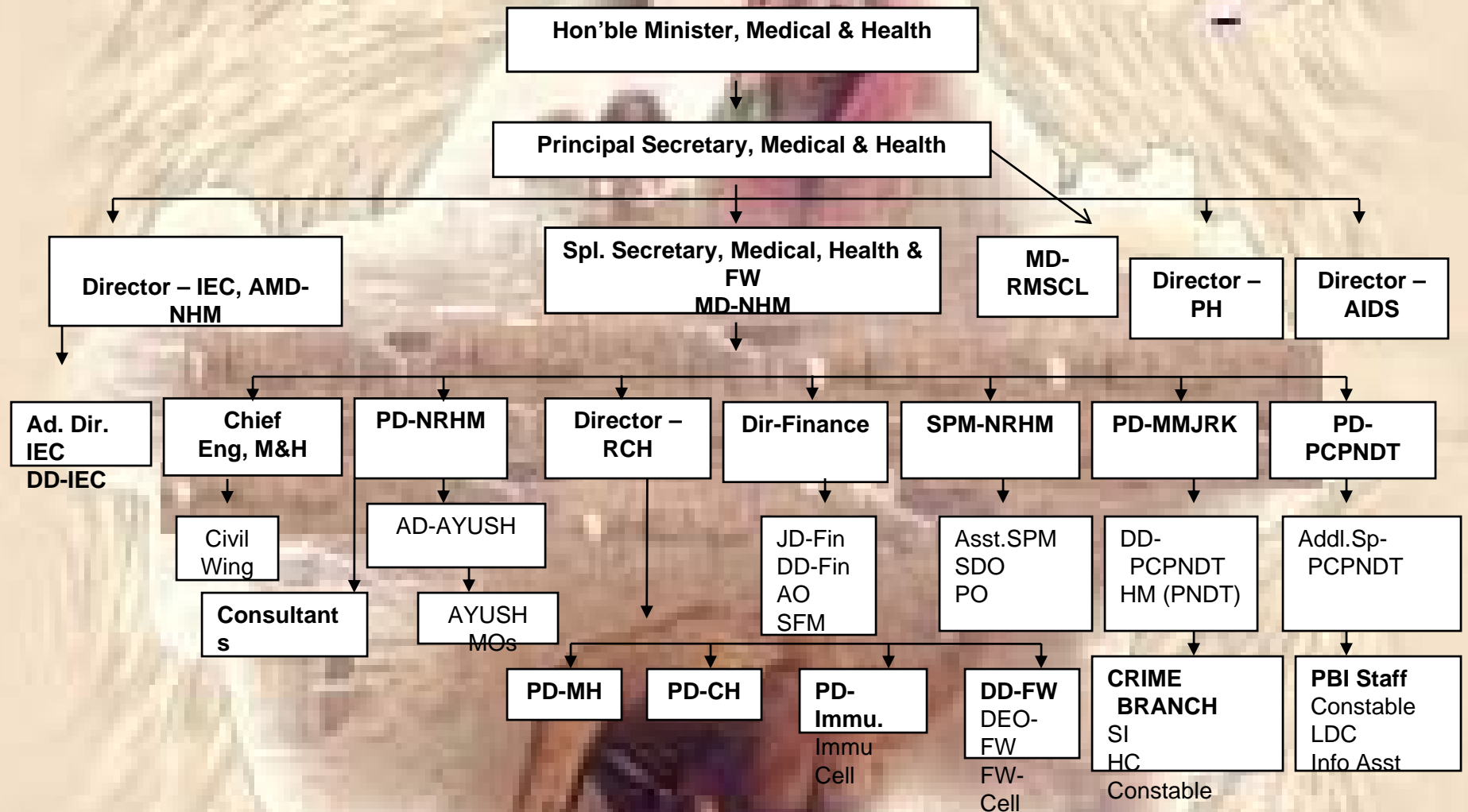








Organizational Structure of NHM

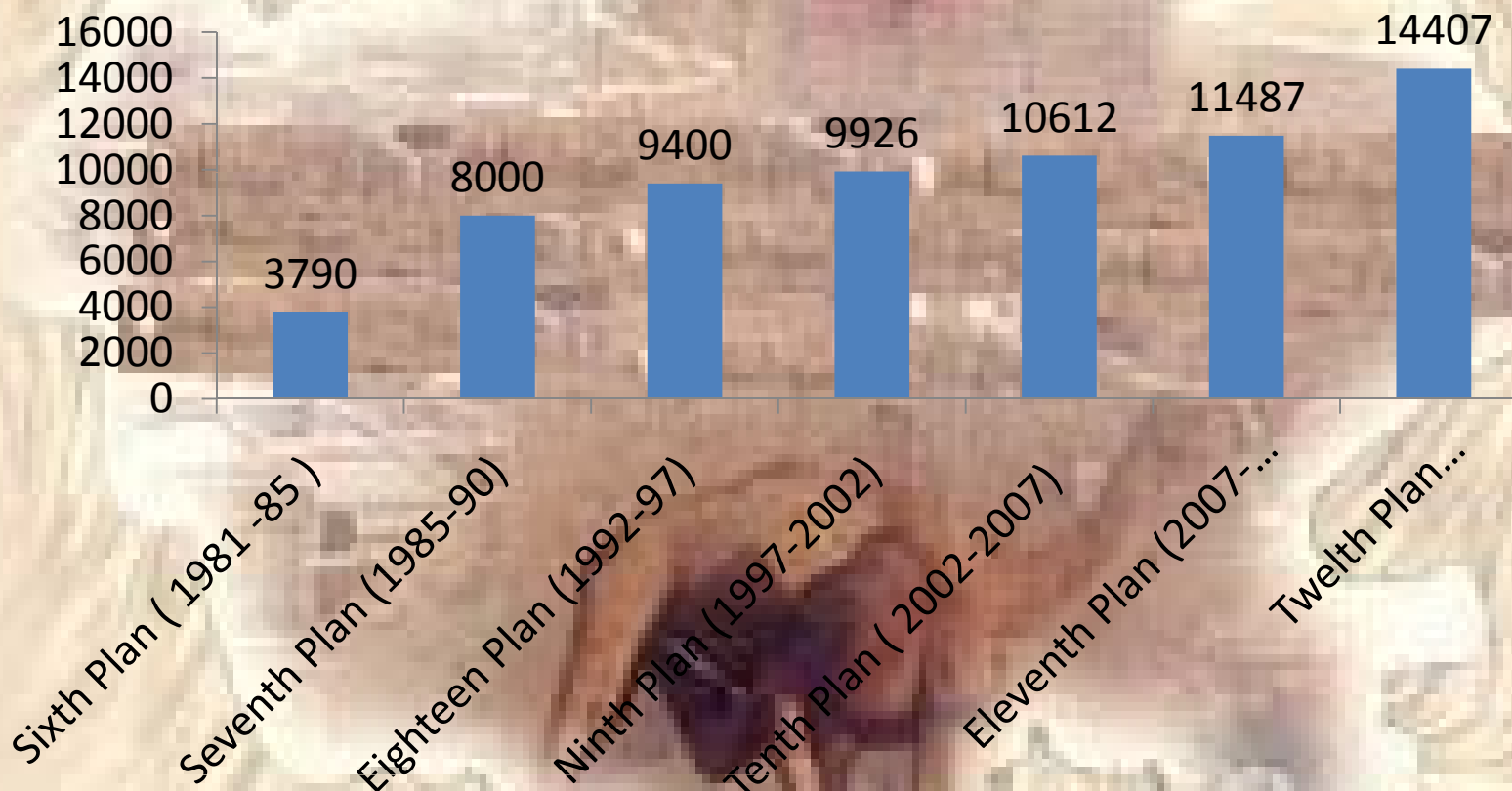




Health Infrastructure

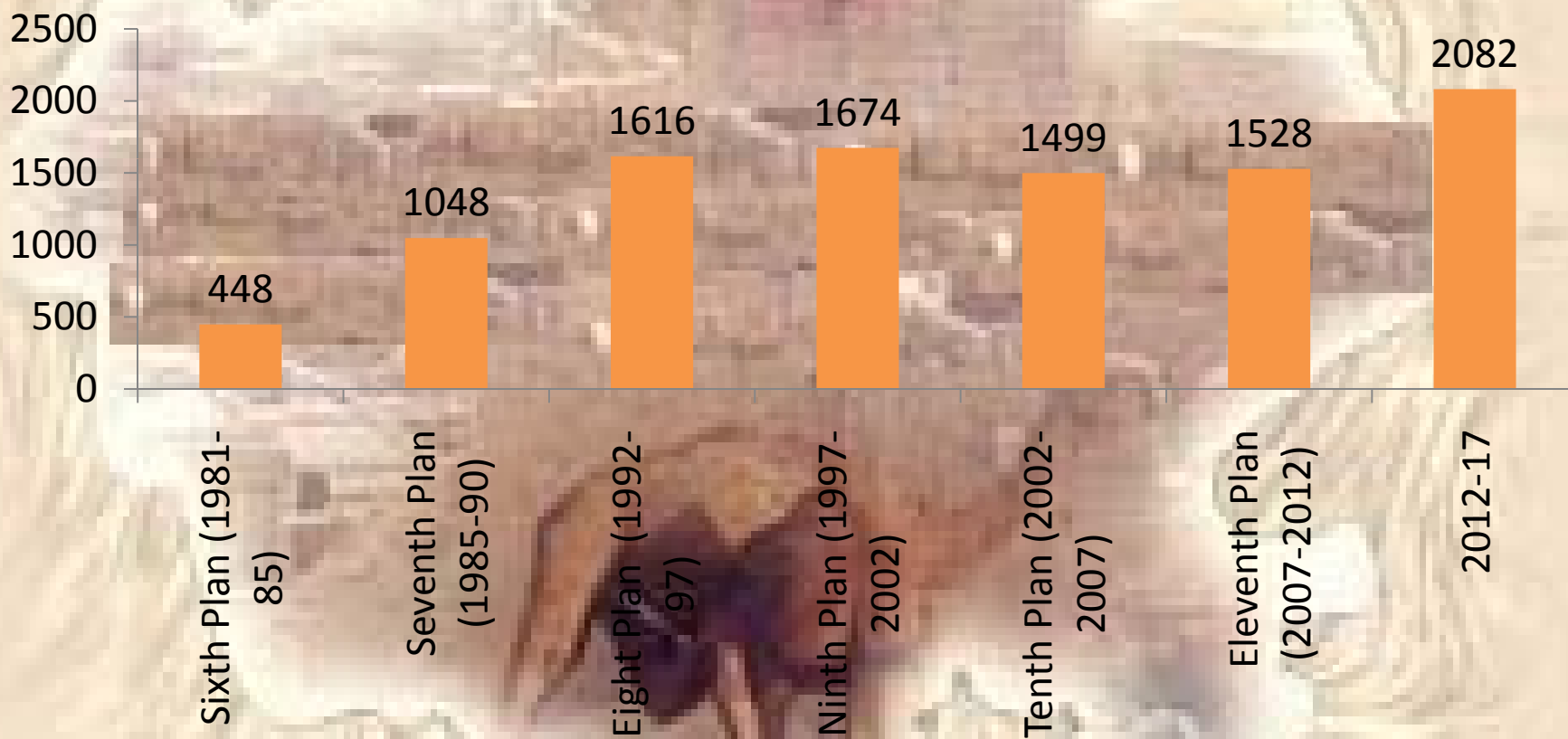
Establishment of SC –Five year plans

No of SC established



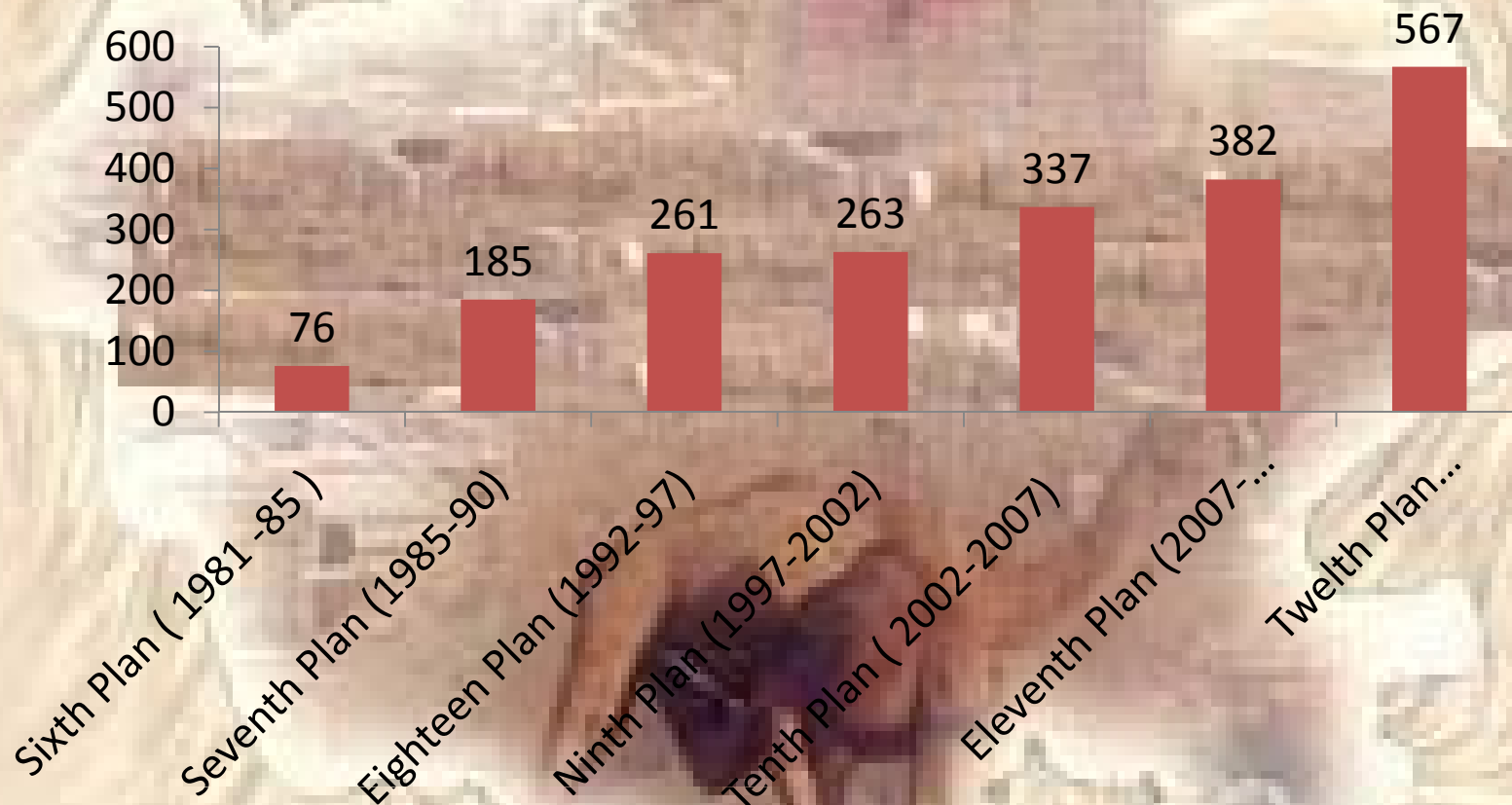
Establishment of PHC –Five year plans

No of PHC Established



Establishment of CHC –Five year plans

NO of CHC established



Health Facilities (Govt.)



Health Facilities	Rajasthan	India
Sub-centres	14407	153655
PHC	2079	25308
CHC level hospitals	579	5396
SDH	19	-
Satellite	8	-
DH	34	-

Source: Pragati Pratedan 2016-17

Health Facilities (Govt.)



	Norms	Population covered per facility India	Population covered per facility Rajasthan
Sub-centres	3000-5000	5615	4487
PHC	20000-30000	34641	33731
CHC level hospitals	80000-120000	172375	134922

Average no of Villages covered



	No of Villages
Sub-centres	4
PHC	27
CHC level hospitals	133

Blood Banks



	Total
India	2708
Raj.	111 (52 govt.,59 trust)

Source: Central Drugs Control Organization (CDSCO) , MOHFW
CBHI: NHP 2016, Prgati pratedan 2016-17



Eye Banks

India	255
Rajasthan	13 registered (7 Govt,6 Pvt)

Source: CBHI: NHP 2016



Mental Hospitals-

	Government sector	Private sector	Total
India	20893	5096	25989
Rajasthan	627	110	737

CBHI: NHP 2011, data till July 2002



Medical Education

	India	Rajasthan
Medical College/ Intake	412(48855)	13 (2100)
Dental College- BDS	308	14

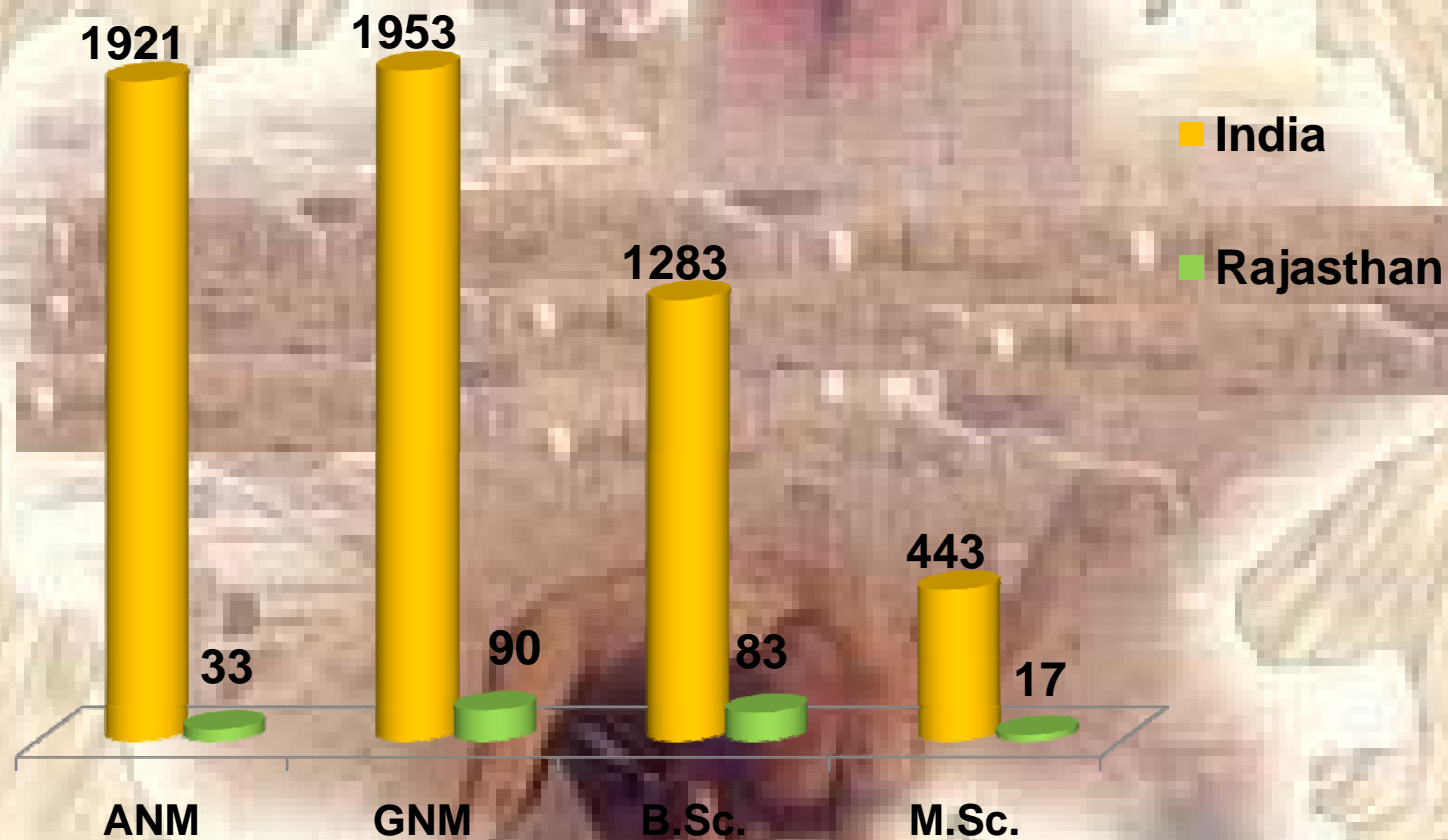
Source: NHP2016

AYUSH Colleges/Institutions

	Ayurveda	Unani	Sidhdha	Naturopath y	Homeopath y
INDIA	279	43	8	19	195
Rajasthan	11	2		3	8

Source: CBHI: NHP 2016

Nursing Schools



Source: www.indiannursingcouncil.org (2016)



Human Resource in Health



Manpower Status	India	Rajasthan
Total Allopathic Doctors	960233**	35168**
Total Allopathic Doctors in Govt.	106987 **	8788 **
Total Dentist	156391**	4243**
Total Dentist in Govt. sector	6051**	395**
Total Ayush Doctors	744563**	17815**
Total Registered ANMs	786061 *	103994 *
Total ANMs in Govt.	217780 *	16258 *
Total Registered GNMs	1780006 *	175542 *
Total Registered LHV's	55914 *	2550 *
Total Specialist at CHCs	4091*	651 *
MBBS Doctors at PHCs	27355 *	2111 *

* NHP 15 ** NHP16

WHO norm


- WHO norm

1 doctor per 1000 population(we are having 1 doctor per 1700 people)

India need 4 lakh more doctors by 2020 to achieve WHO norm

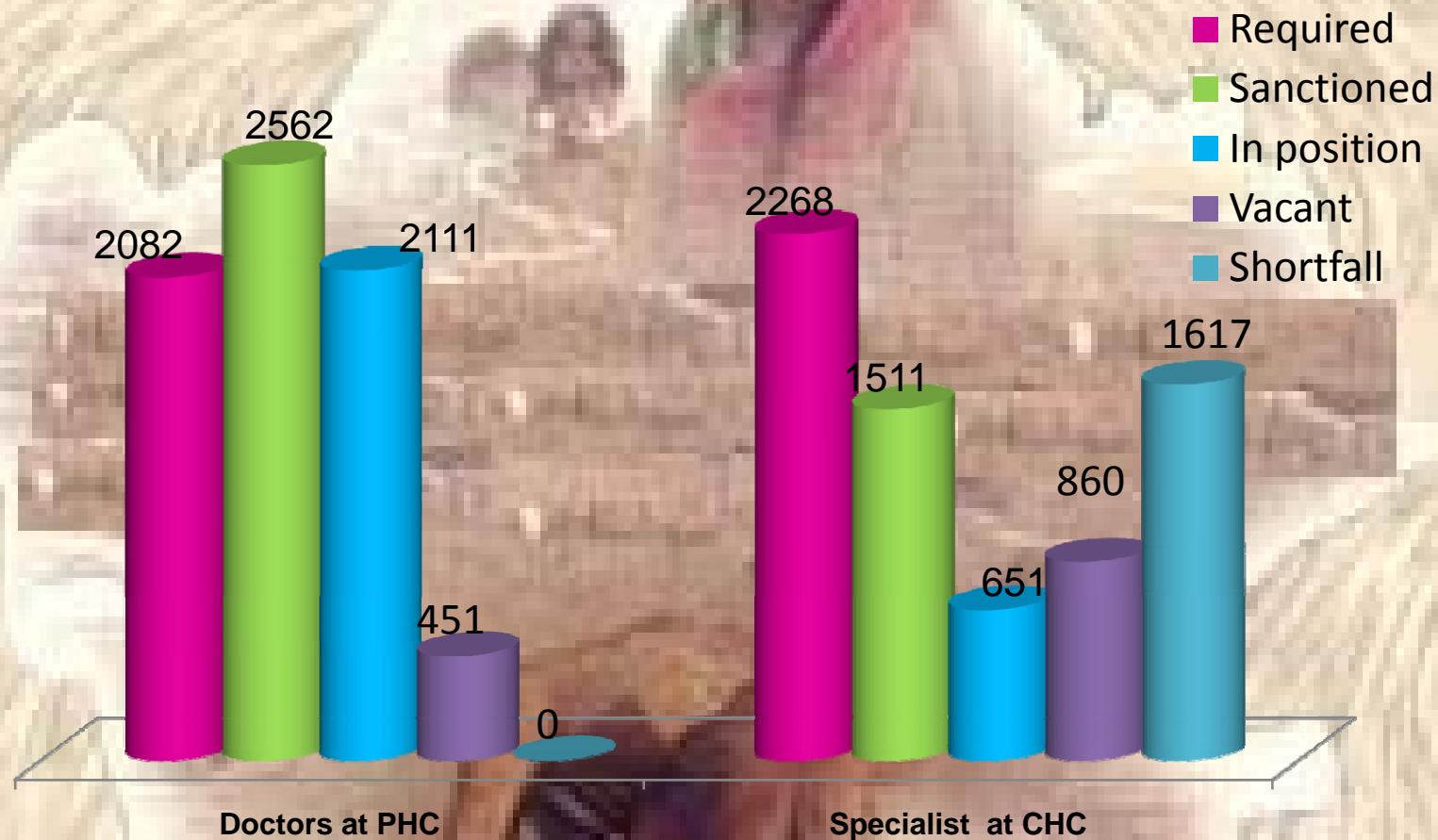
WHO norm 25 nurses/ midwives per 10,000 population

India has 19 health workers (doctors 6 ,nurses 13) per 10,000 population

- 
- WHO – 5 beds per 1000 people
 - In India 1678 average population per government hospital bed
 - Rajasthan 1521 average population served per Hospital bed



Manpower Status: Rajasthan



Source: RHS 2014



Health Indicators

Health indicators



S. No.	Indicator	Present Status	
		Rajasthan	India
4	CBR	24.8**	20.8**
5	CDR	6.3**	6.5**
6	TFR	2.4****	2.3**

Source: * SRS –Bulletin Sep 2014** Demographic Indicators on HMIS portal on MOHFW *** SRS –Bulletin Dec2016, ****NFHS-4

Health indicators



S. No.	Indicator	Present Status	
		Rajasthan	India
1	IMR	41 ****	37***
2	NNMR	30***	25***
3	Under 5 Mortality Rate	50***	43***
4	MMR	244*	167 *

Source: * SRS –Bulletin Sep 2014** Demographic Indicators on HMIS portal on MOHFW *** SRS –Bulletin Dec2016, ****NFHS-4

Performance indicators

	Urban	Rural	Total NFHS-4
Current Use of Family Planning Methods (currently married women age 15–49 years)			
Any method ⁴ (%)	64.1	58.3	59.7
Any modern method ⁴ (%)	57.9	52.1	53.5
Female sterilization (%)	35.3	42.5	40.7
Male sterilization (%)	0.2	0.2	0.2
IUD/PPIUD (%)	2.1	1.0	1.2
Pill (%)	3.5	2.1	2.4
Condom (%)	16.5	6.1	8.7
Unmet Need for Family Planning (currently married women age 15–49 years)⁵			
Total unmet need (%)	12.4	12.3	12.3
Unmet need for spacing (%)	5.2	5.8	5.7

NFHS_4	Urban	Rural	Total
Maternity Care (for last birth in the 5 years before the survey)			
Mothers who had antenatal check-up in the first trimester (%)	74.9	59.6	63.0
Mothers who had at least 4 antenatal care visits (%)	53.8	34.1	38.5
Mothers whose last birth was protected against neonatal tetanus ⁷ (%)	93.5	88.6	89.7
Mothers who consumed iron folic acid for 100 days or more when they were pregnant (%)	25.6	14.8	17.3
Mothers who had full antenatal care ⁸ (%)	17.5	7.4	9.7

	Urban	Rural	Total
Maternity Care (for last birth in the 5 years before the survey)			
Registered pregnancies for which the mother received Mother and Child Protection (MCP) card (%)	91.3	92.6	92.3
Mothers who received postnatal care from a doctor/nurse/LHV/ANM/midwife/other health personnel within 2 days of delivery (%)	71.3	61.5	63.7
Mothers who received financial assistance under Janani Suraksha Yojana (JSY) for births delivered in an institution (%)	46.6	59.1	56.1
Average out of pocket expenditure per delivery in public health facility (Rs.)	3,387	2,969	3,052
Children born at home who were taken to a health facility for check-up within 24 hours of birth (%)	4.1	0.8	1.2

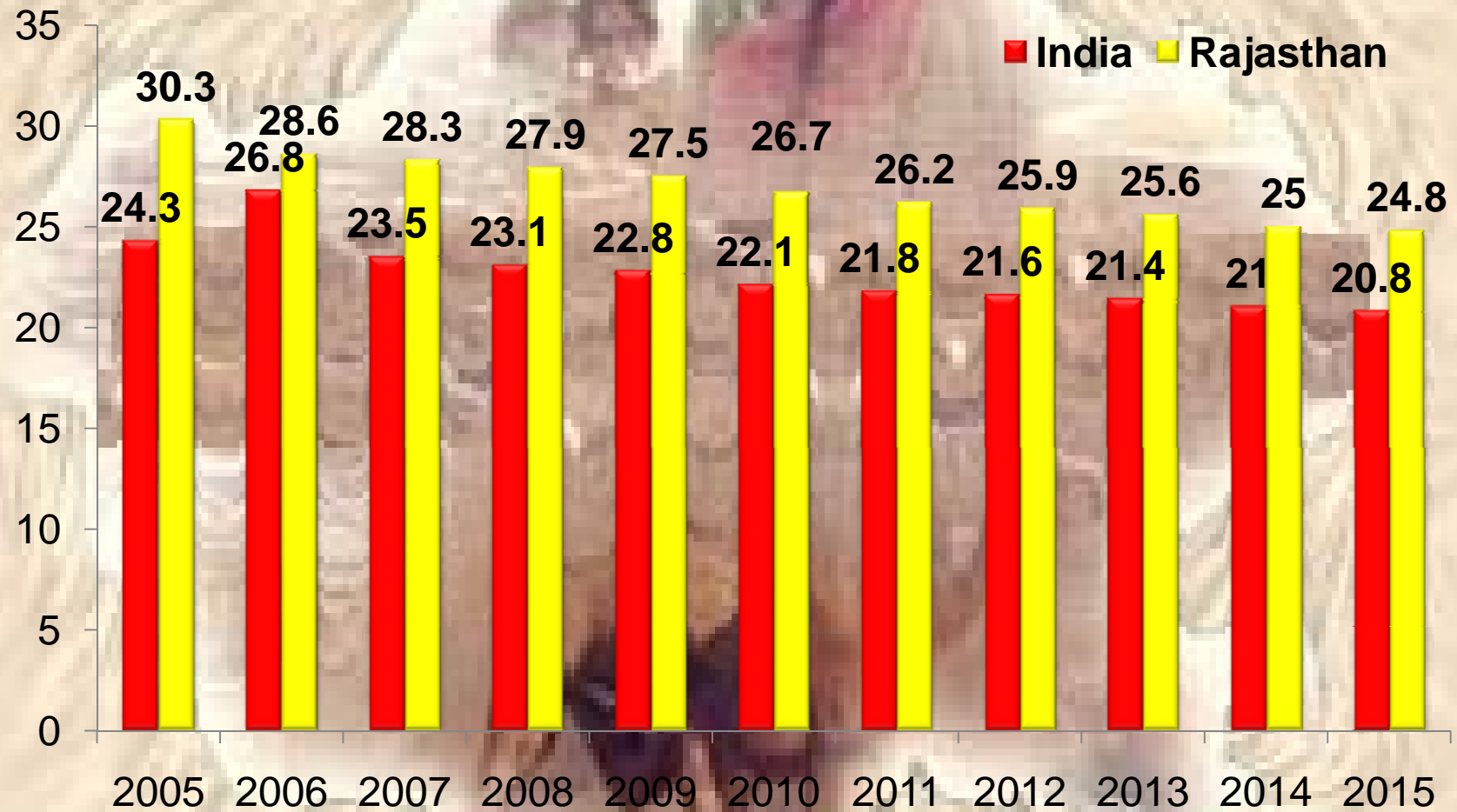
	Urban	Rural	Total
Children who received a health check after birth from a doctor/nurse/LHV/ANM/ midwife/other health personnel within 2 days of birth (%)	24.5	22.0	22.6
Delivery Care (for births in the 5 years before the survey)			
Institutional births (%)	90.3	82.3	84.0
Institutional births in public facility (%)	57.6	65.1	63.5
Home delivery conducted by skilled health personnel (out of total deliveries) (%)	2.9	3.3	3.2
Births assisted by a doctor/nurse/LHV/ANM/other health personnel (%)	92.8	84.9	86.6
Births delivered by caesarean section (%)	16.4	6.5	8.6
Births in a private health facility delivered by caesarean section (%)	28.8	20.4	23.2
Births in a public health facility delivered by caesarean section (%)	12.2	4.6	6.1
Child Immunizations and Vitamin A Supplementation			
Children age 12-23 months fully immunized (BCG, measles, and 3 doses each of polio and DPT) (%)	60.9	53.1	54.8

	Urban	Rural	Total
Children age 12-23 months who have received BCG (%)	95.3	87.0	88.8
Children age 12-23 months who have received 3 doses of polio vaccine (%)	68.5	64.5	65.4
Children age 12-23 months who have received 3 doses of DPT vaccine (%)	78.4	69.8	71.6
Children age 12-23 months who have received measles vaccine (%)	86.5	75.8	78.1
Children age 12-23 months who have received 3 doses of Hepatitis B vaccine (%)	58.0	51.7	53.1
Children age 9-59 months who received a vitamin A dose in last 6 months (%)	47.3	37.5	39.6
Children age 12-23 months who received most of the vaccinations in public health facility (%)	88.8	96.0	94.4
Children age 12-23 months who received most of the vaccinations in private health facility (%)	11.1	2.4	4.4

CBR

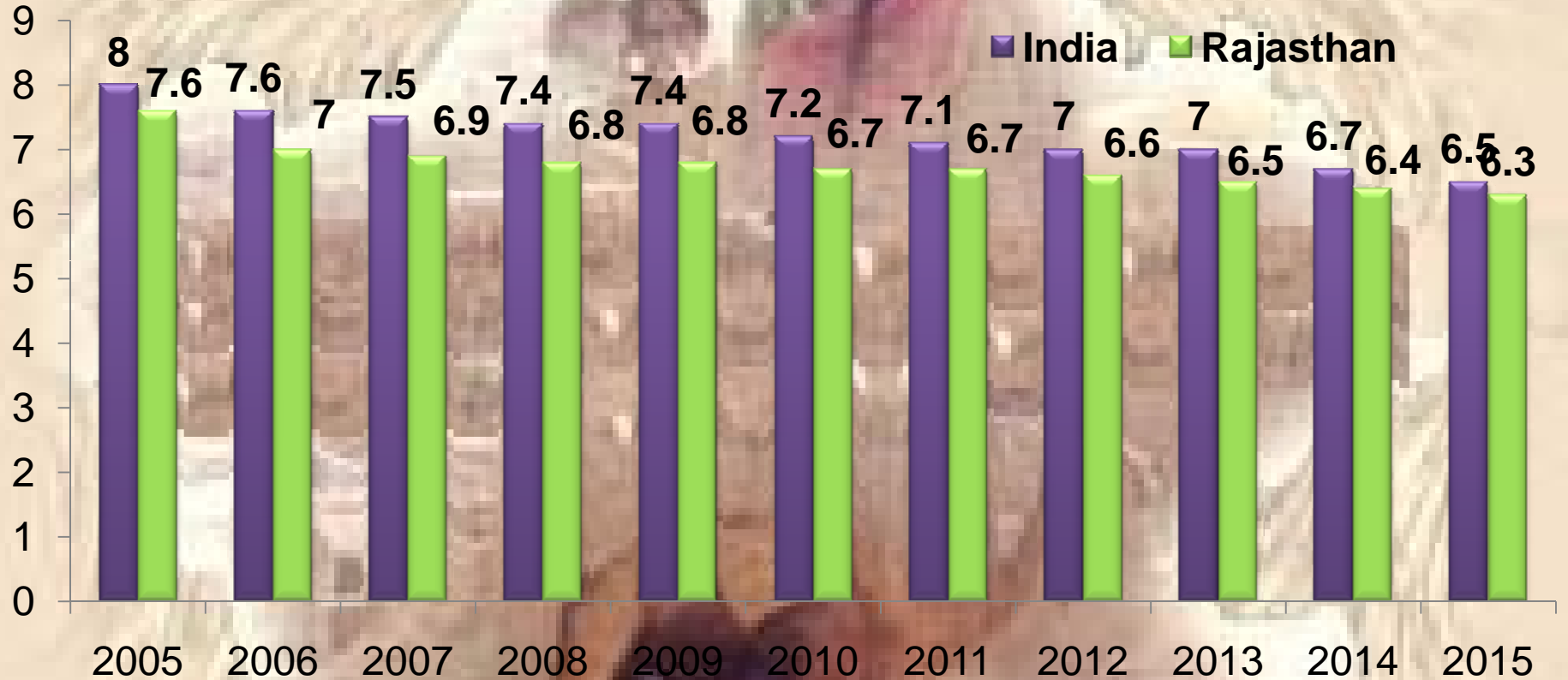


Source: Health and Family Welfare Statistics-2013

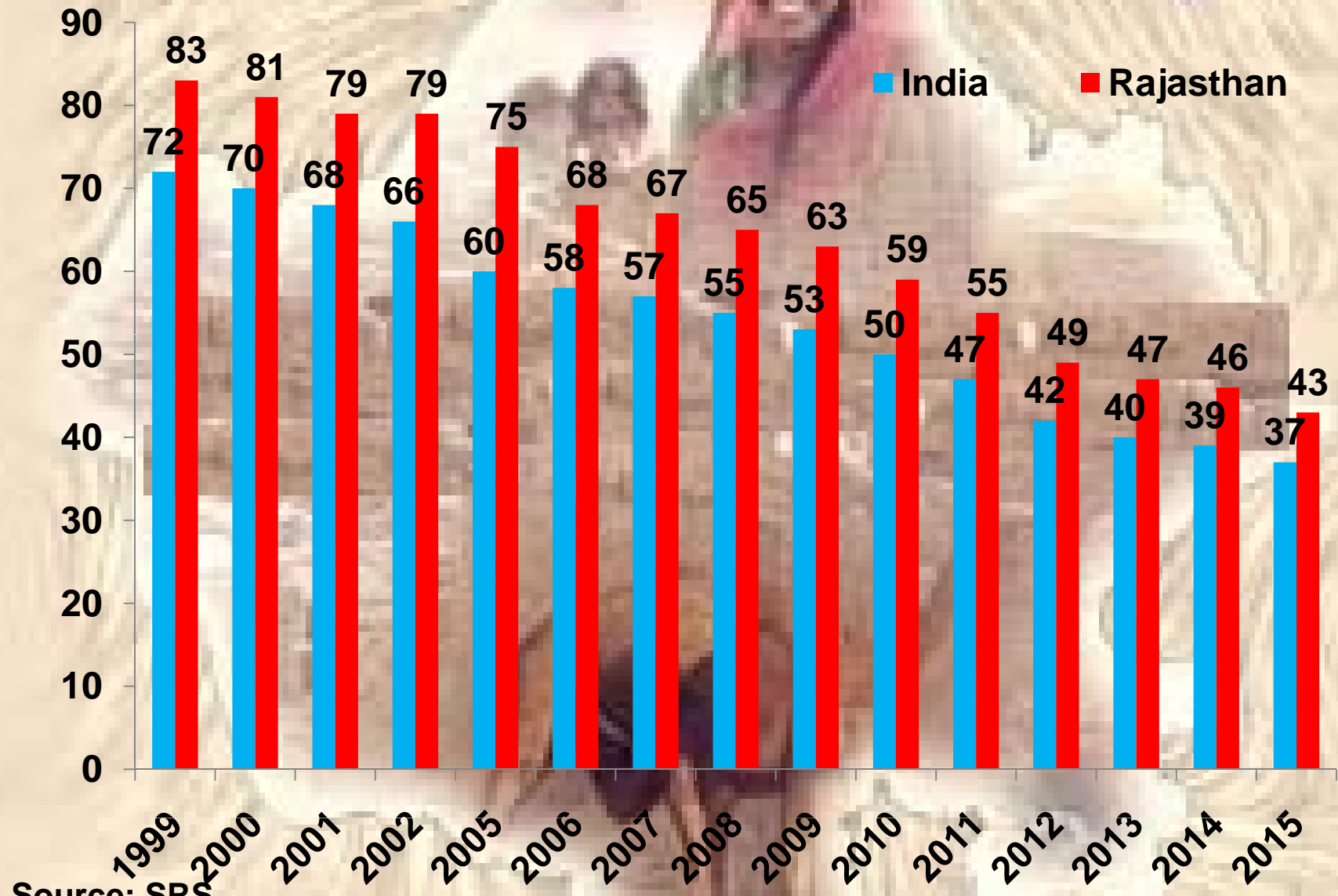


CDR

Source: SRS - Dec 2011

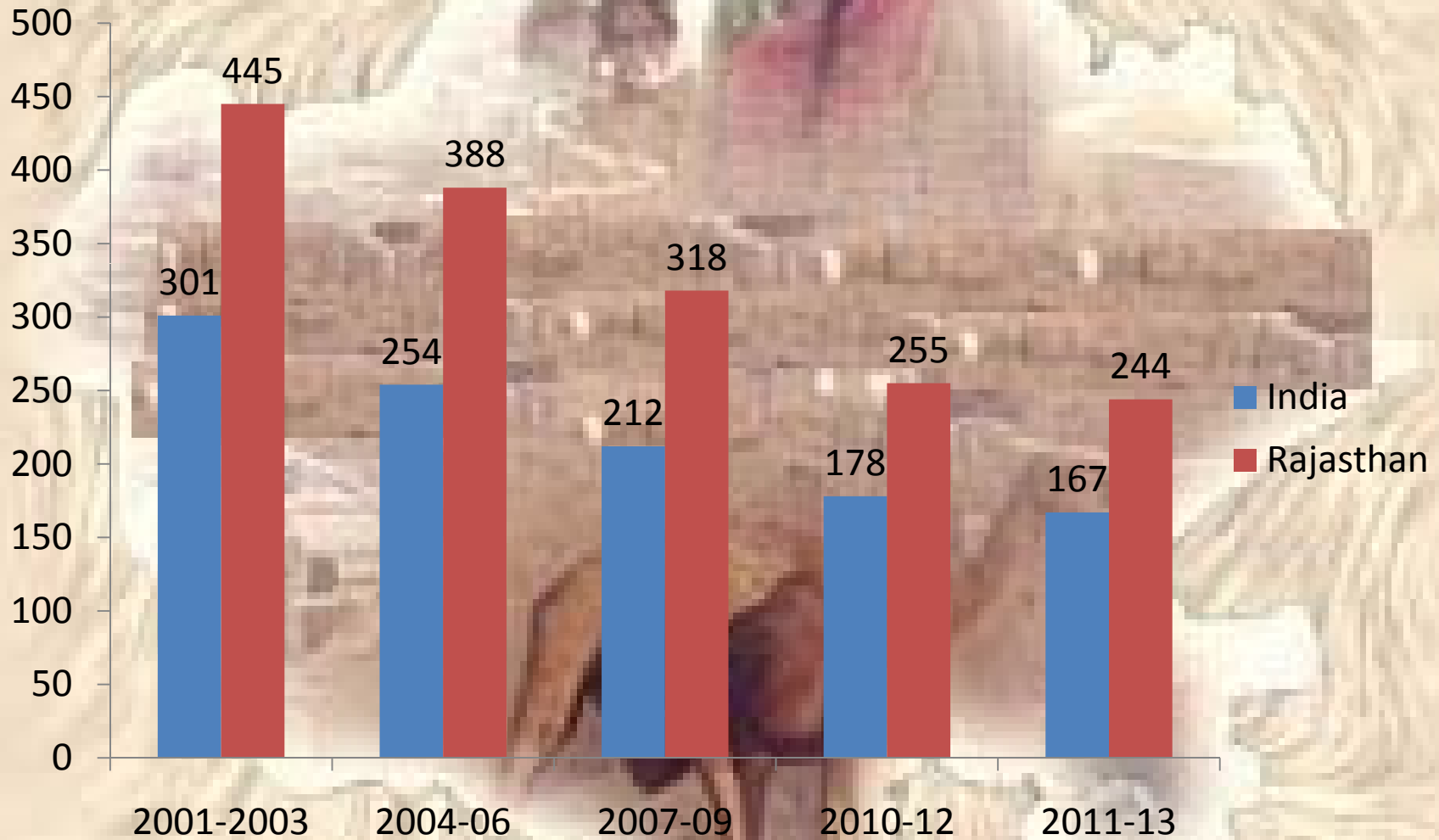


IMR



Source: SRS

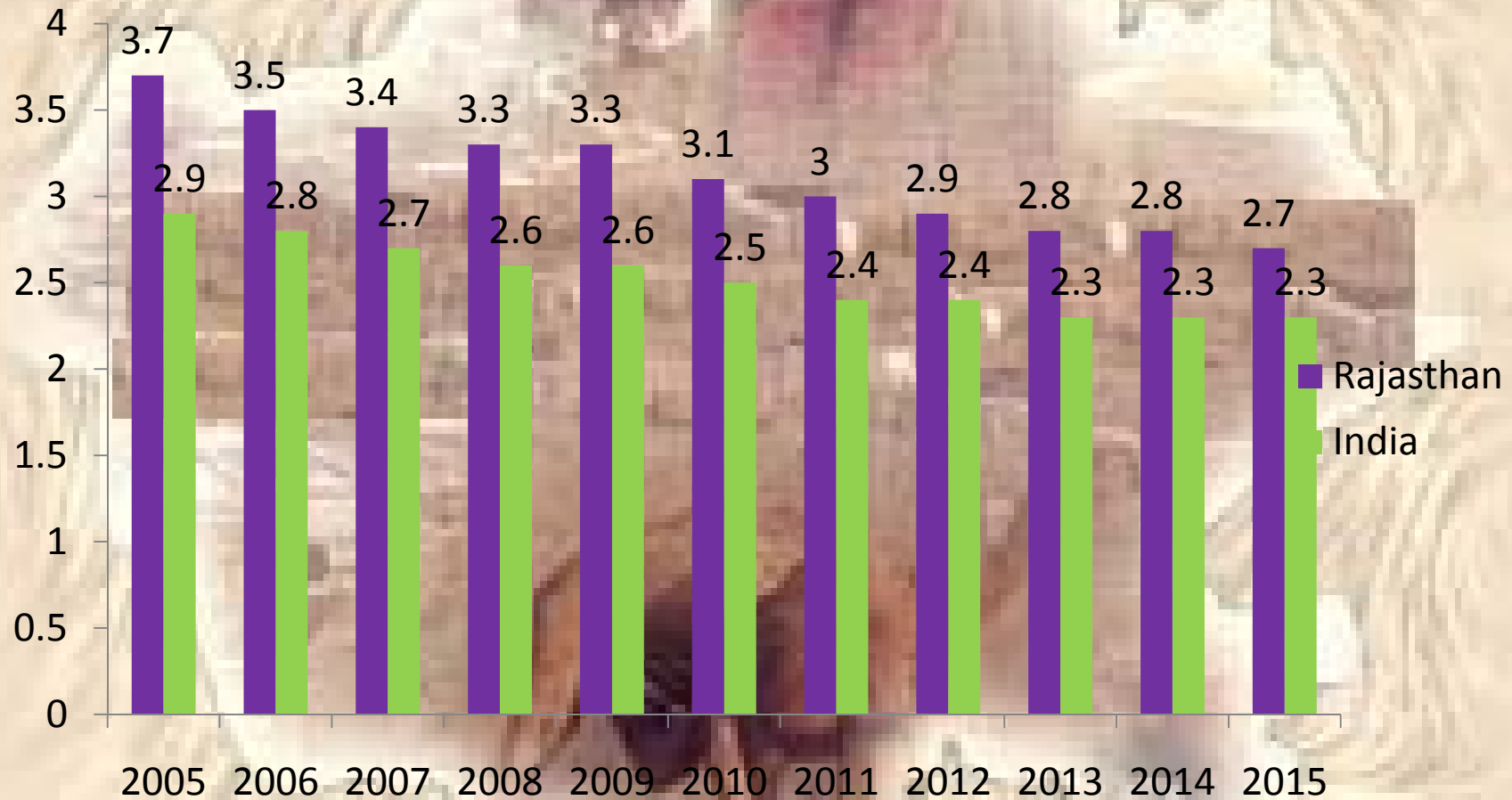
MMR



Source-SRS

SIHFW: an ISO 9001:2015 certified
Institution

TFR



Source: Sample Registration System, Statistical Report (Registrar General, India)



Annual Health Survey

2012-13

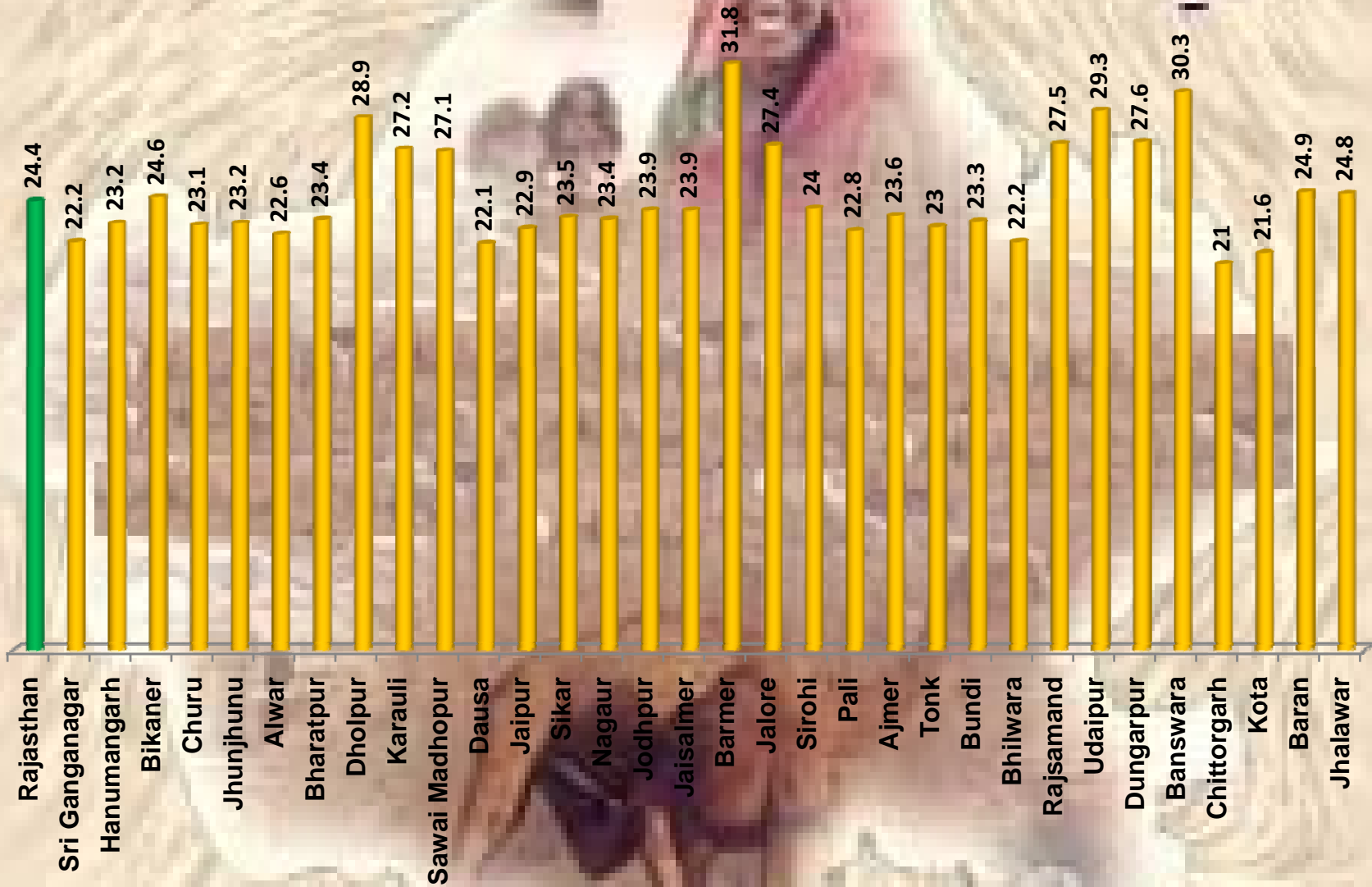
Health indicators



S. No.	Indicator	Present Status (Rajasthan)
1	CBR	23.8
2	CDR	6.4
3	NGR	17.7
4	IMR	55
5	NNMR	37
6	PNMR	18
7	U-5 MR	74

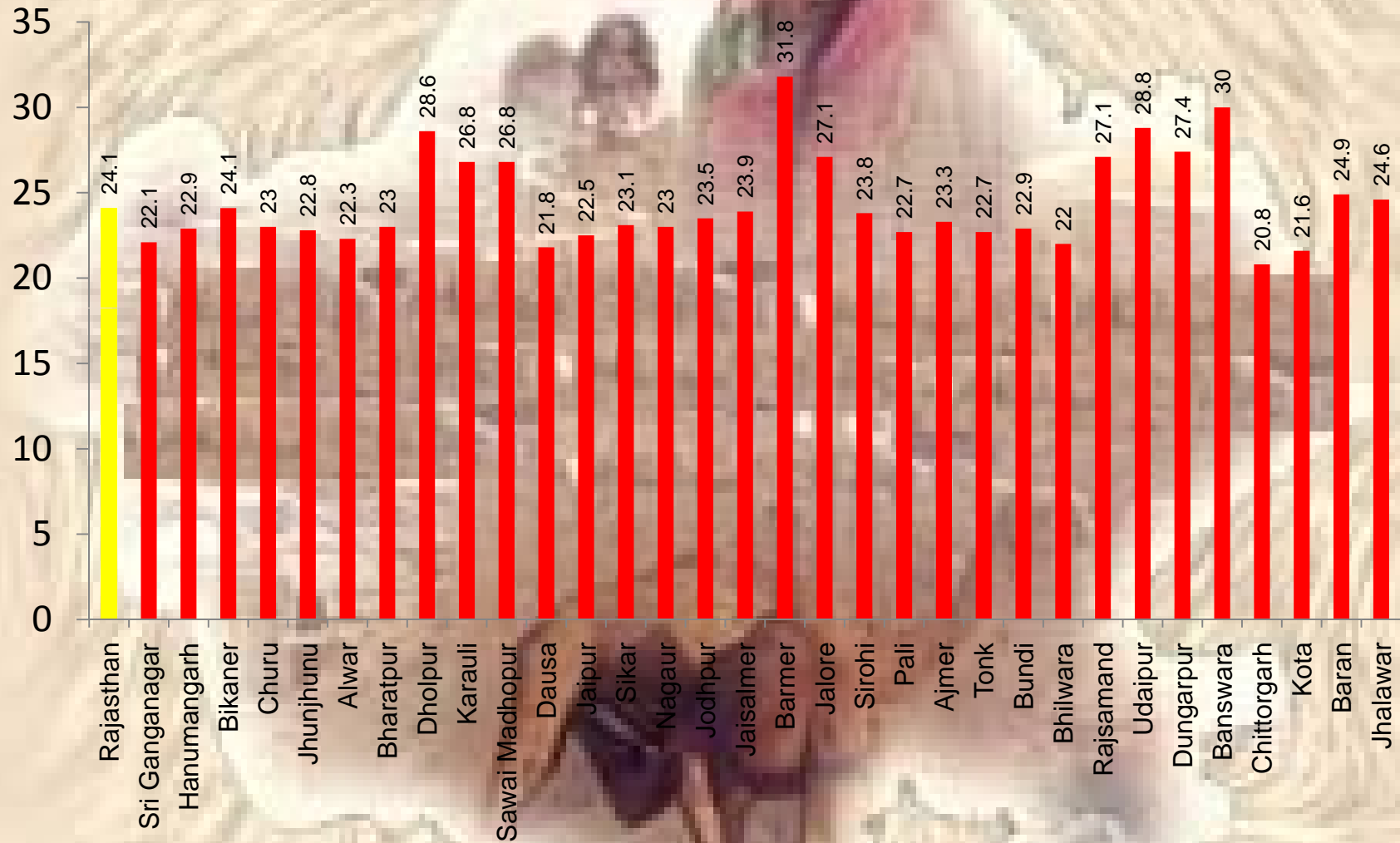
Source: AHS-12-13

Crude Birth Rate



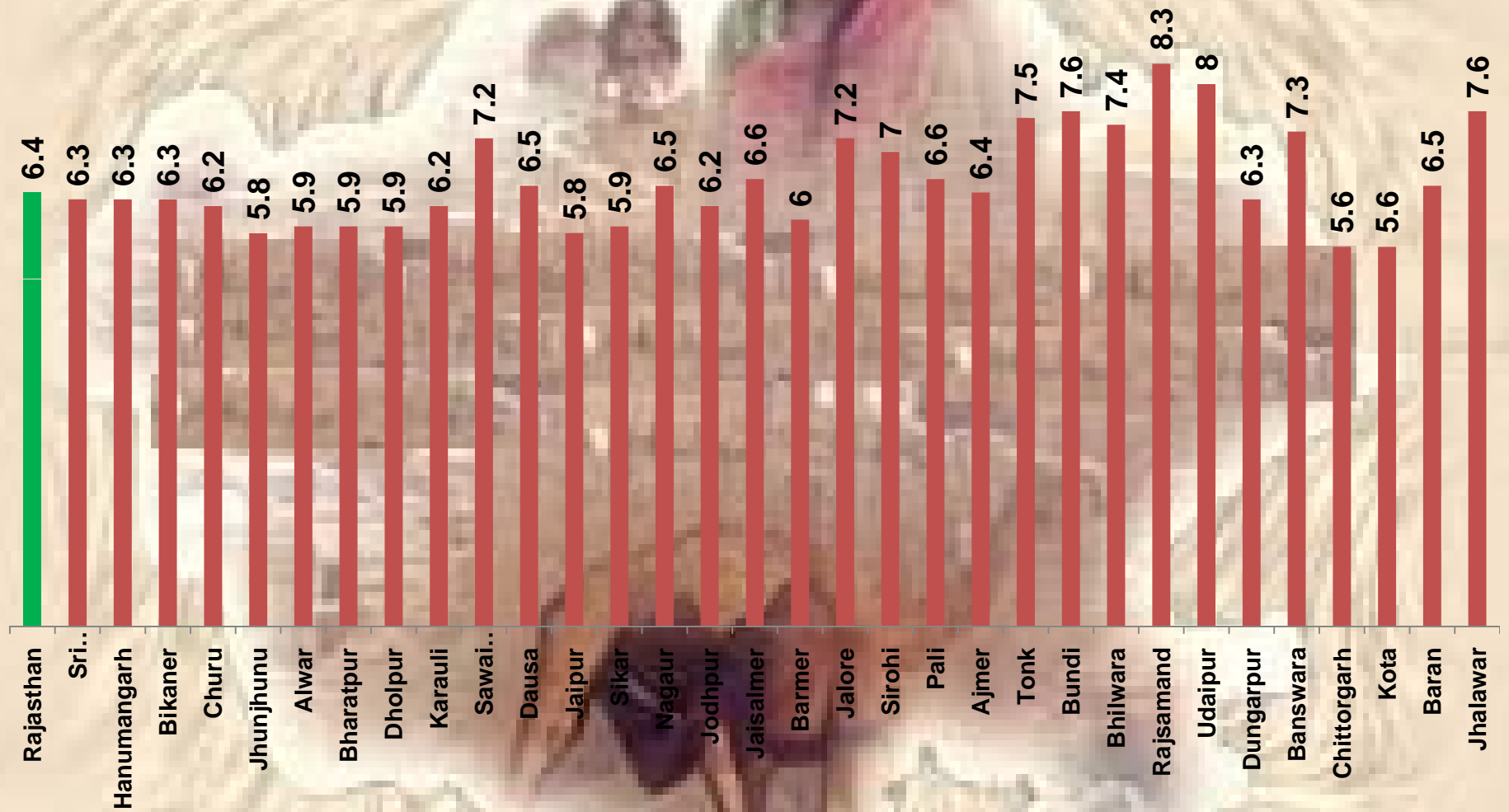
Source: AHS – 2011-12

Crude Birth Rate



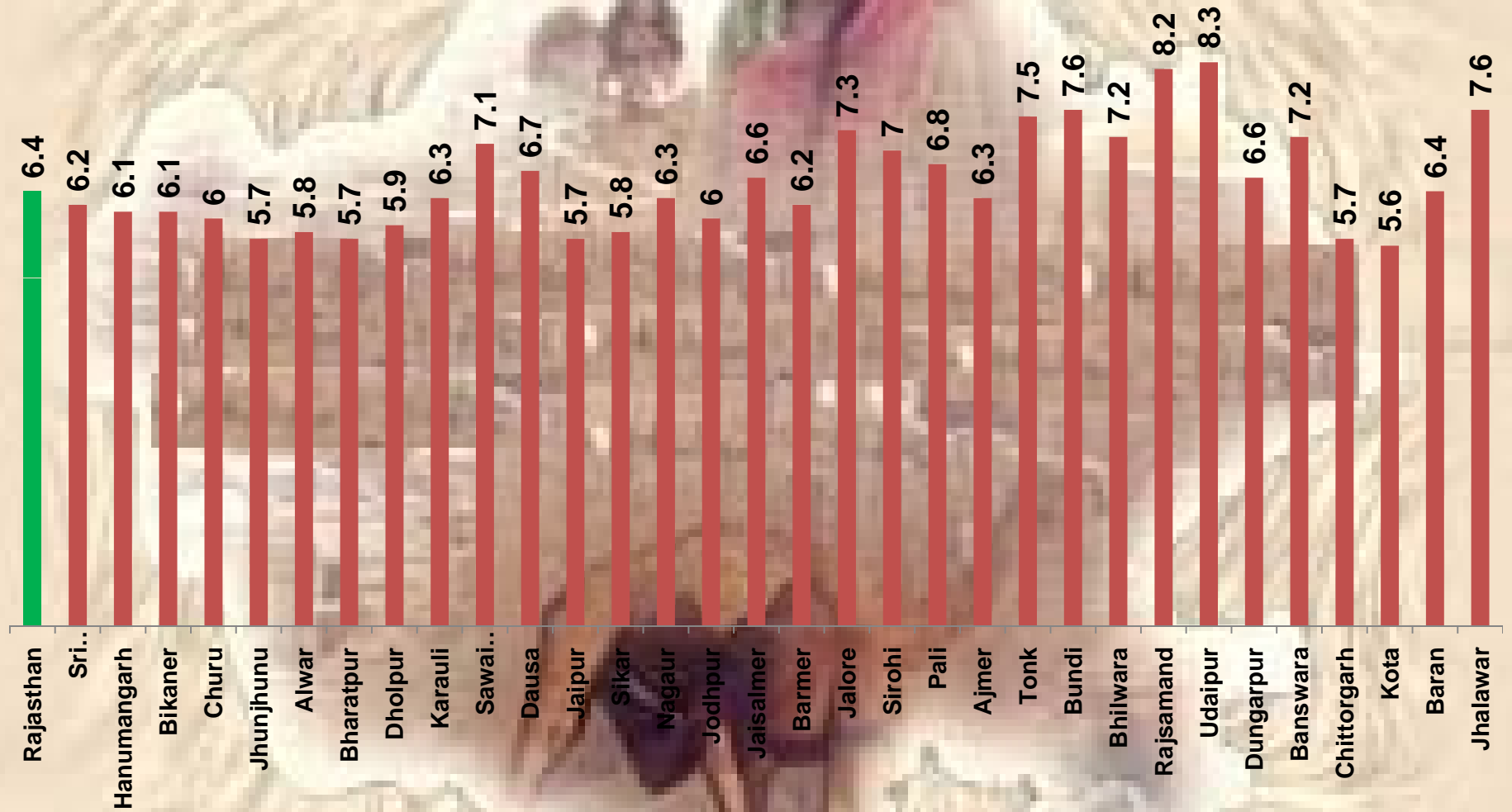
Source: AHS – 2012-13

Crude Death Rate



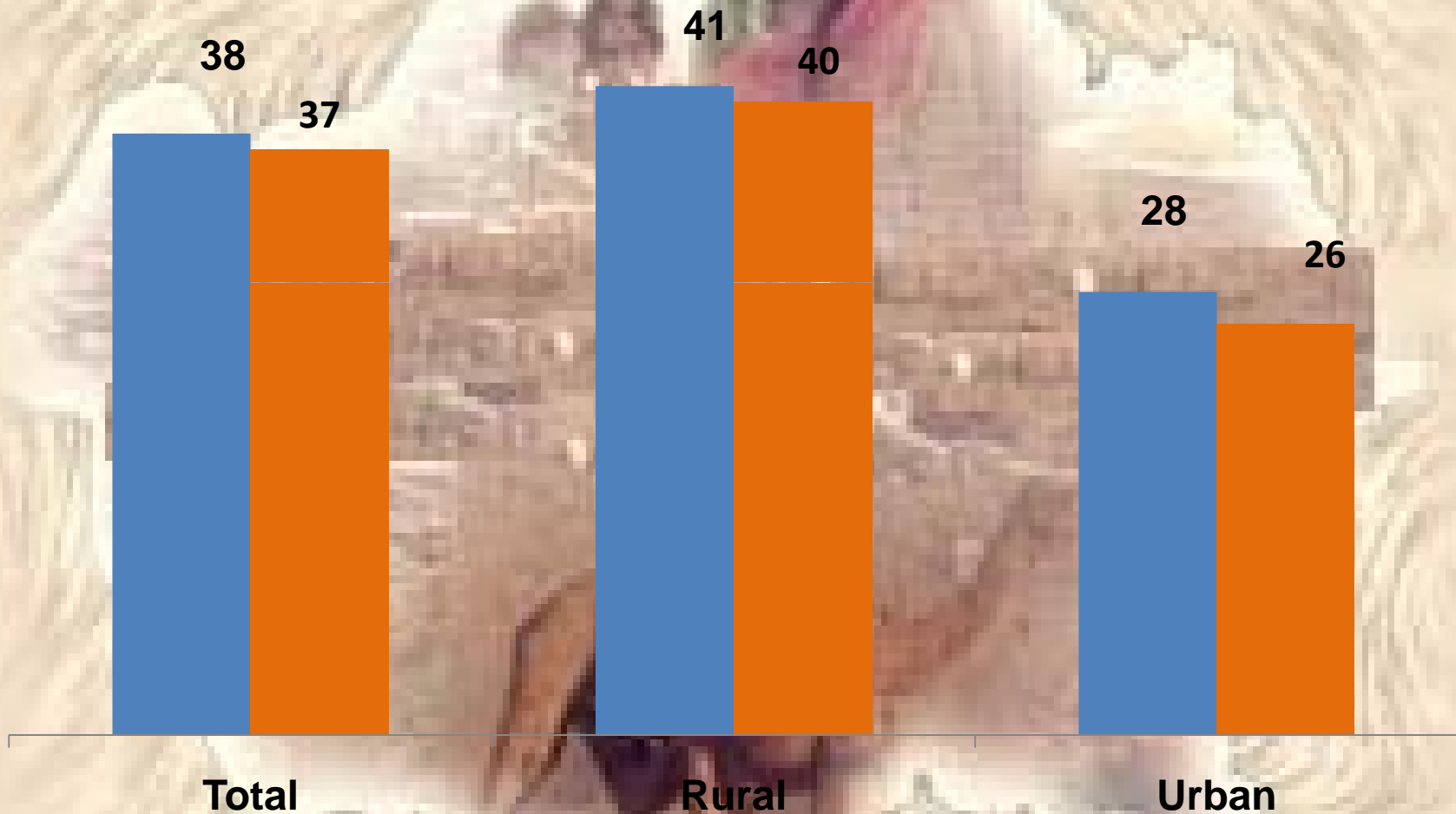
Source: AHS – 2011-12

Crude Death Rate



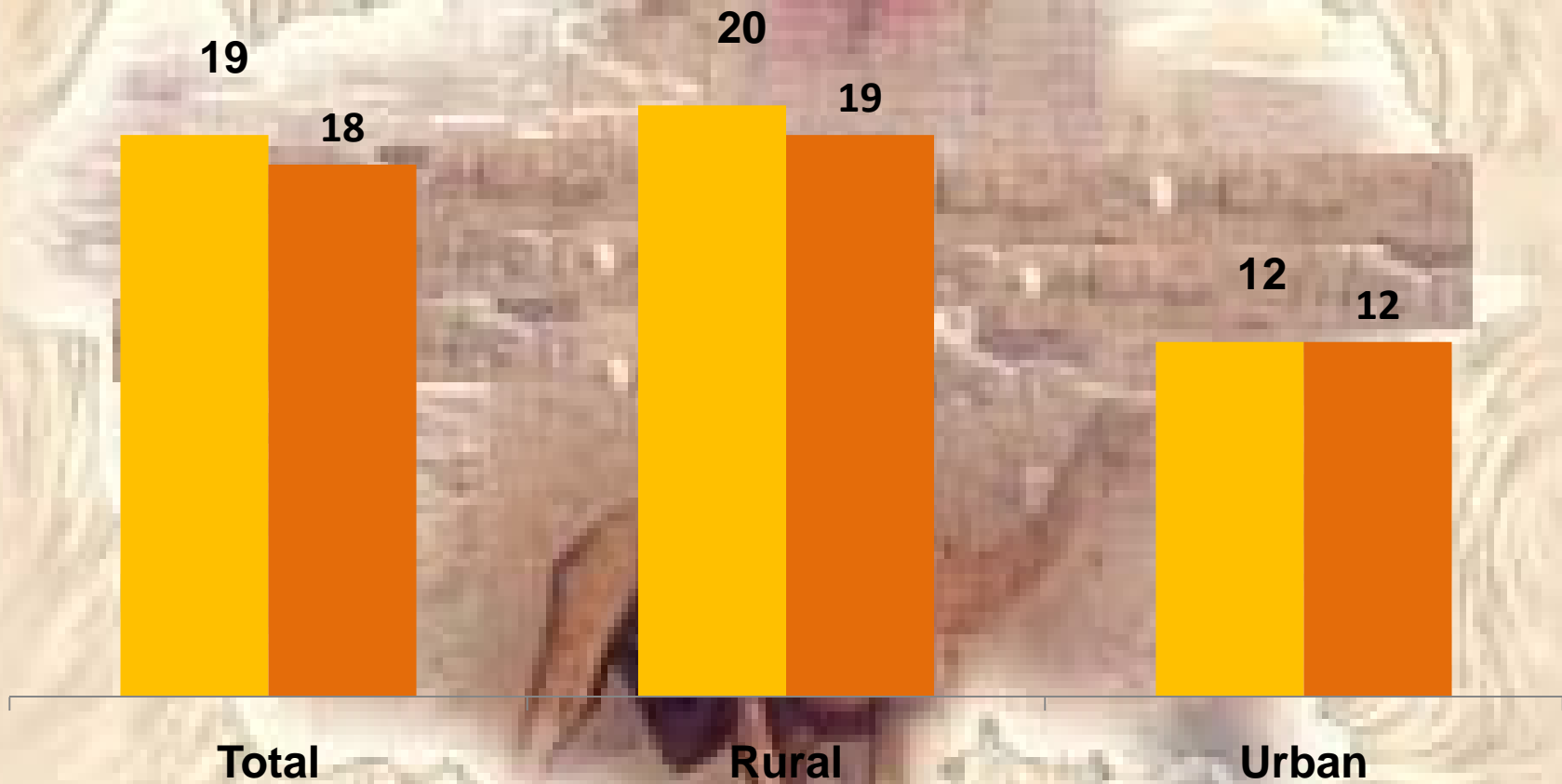
Source: AHS – 2012-13

Neo-natal Mortality Rate (Raj.)



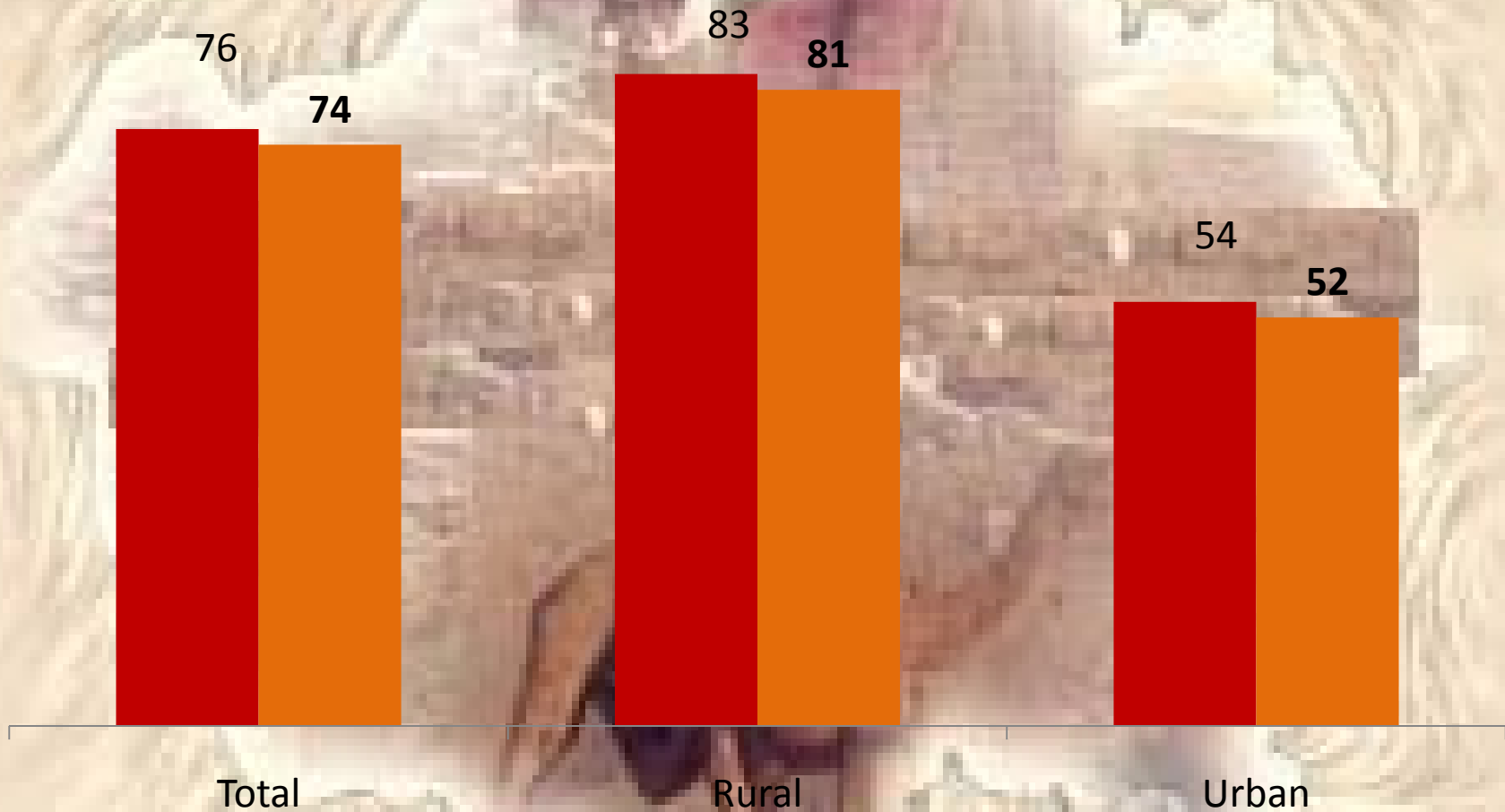
Source: AHS – 2011-12 , 2012-13

Post-natal Mortality Rate (Raj.)



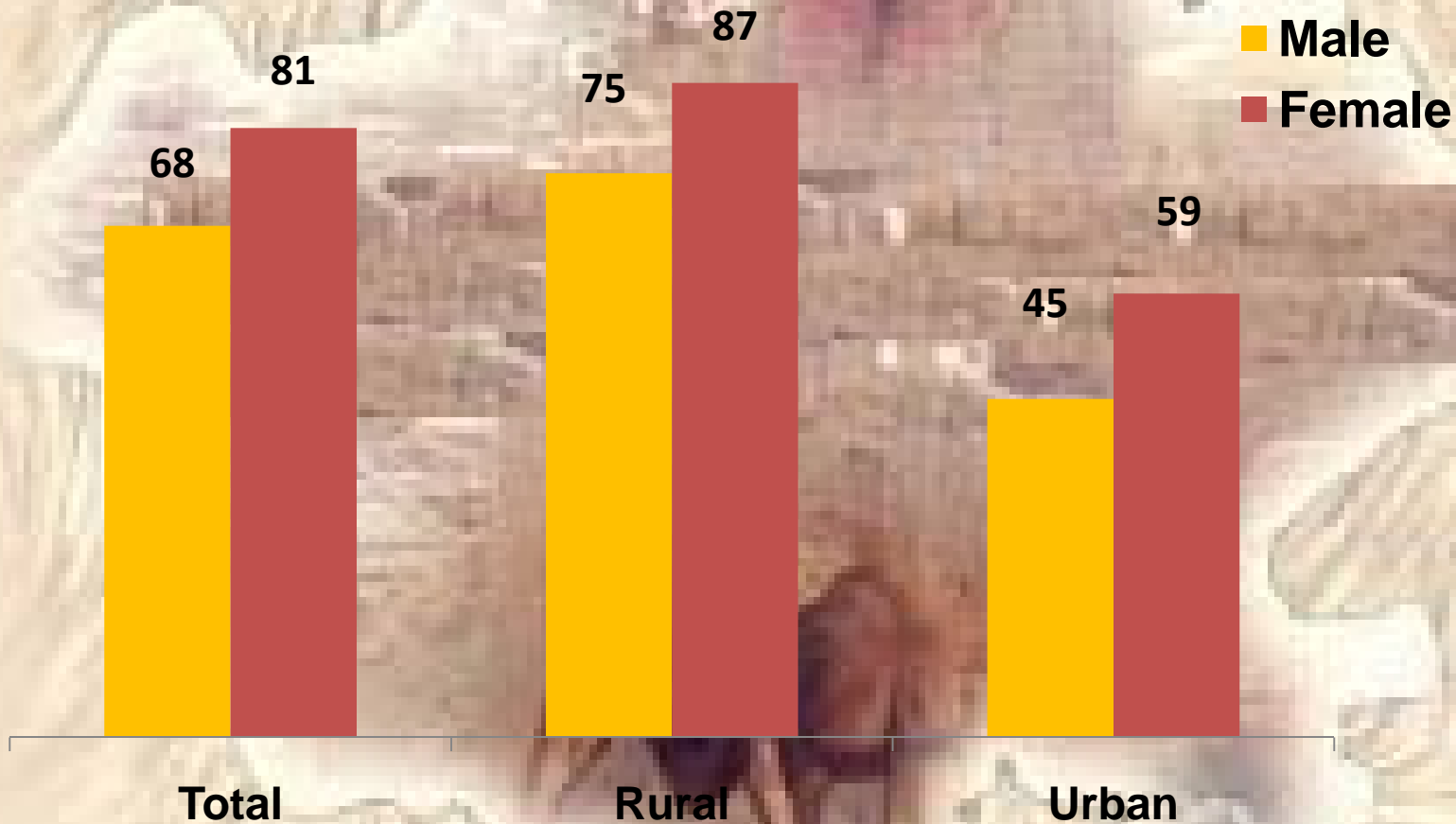
Source: AHS – 2011-12 ,2012-13

Under 5 Mortality Rate (Raj) -



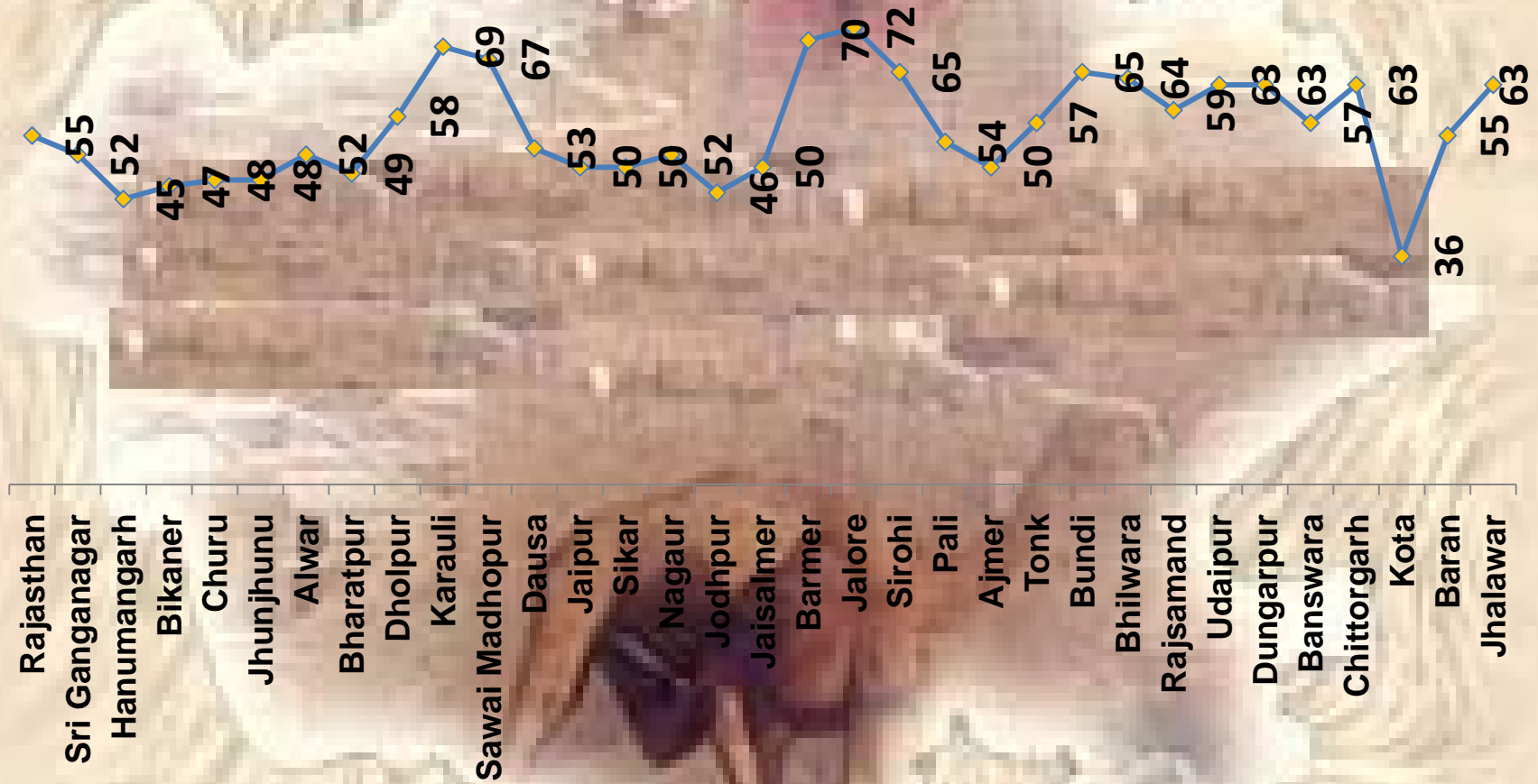
Source: AHS – 2011-12 ,2012-13

Under 5 Mortality Rate(Raj) -



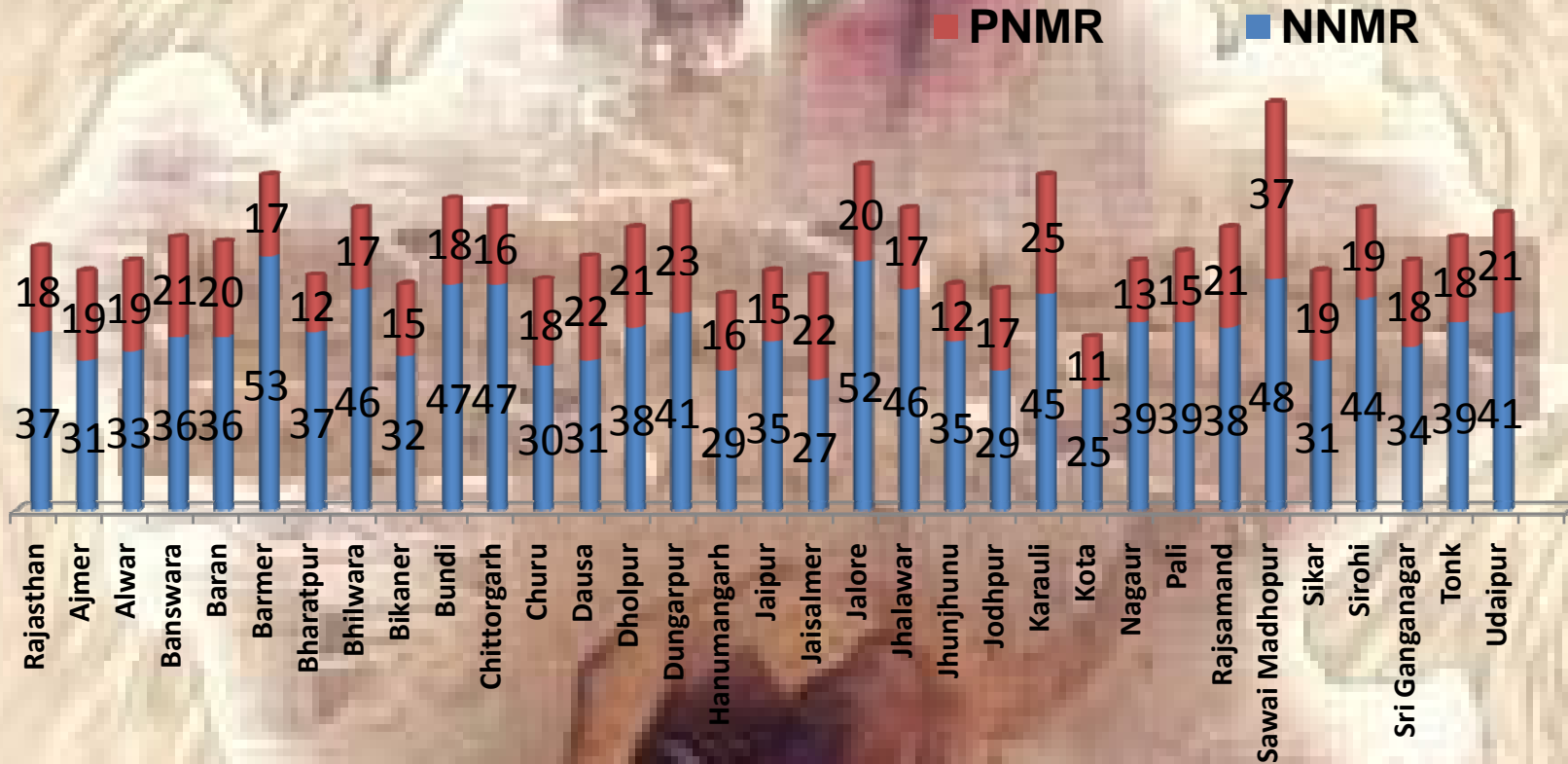
Source: AHS – 2012-13

Infant Mortality Rate



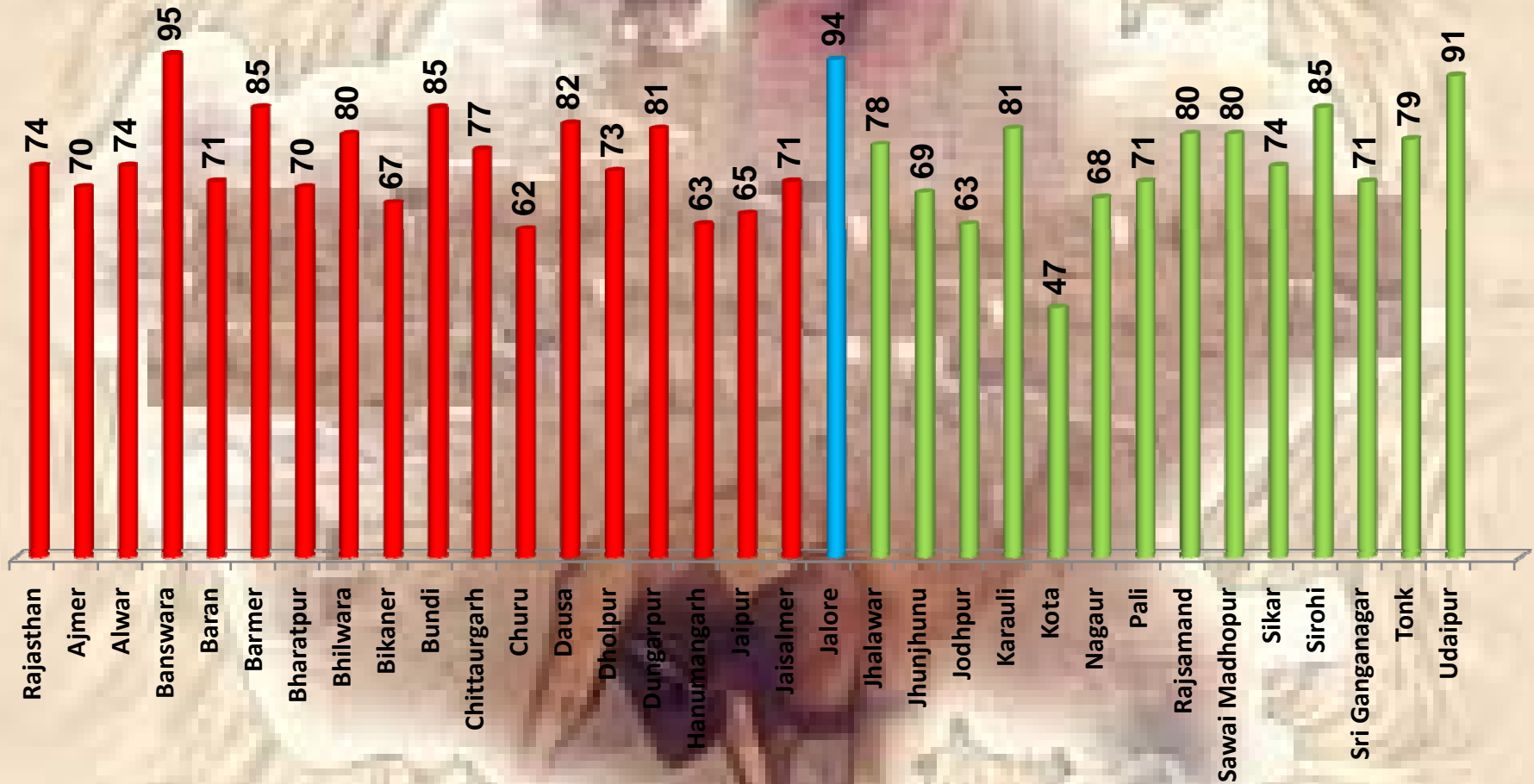
Source: AHS – 2012-13

Neo-natal & Post-natal Mortality Rate



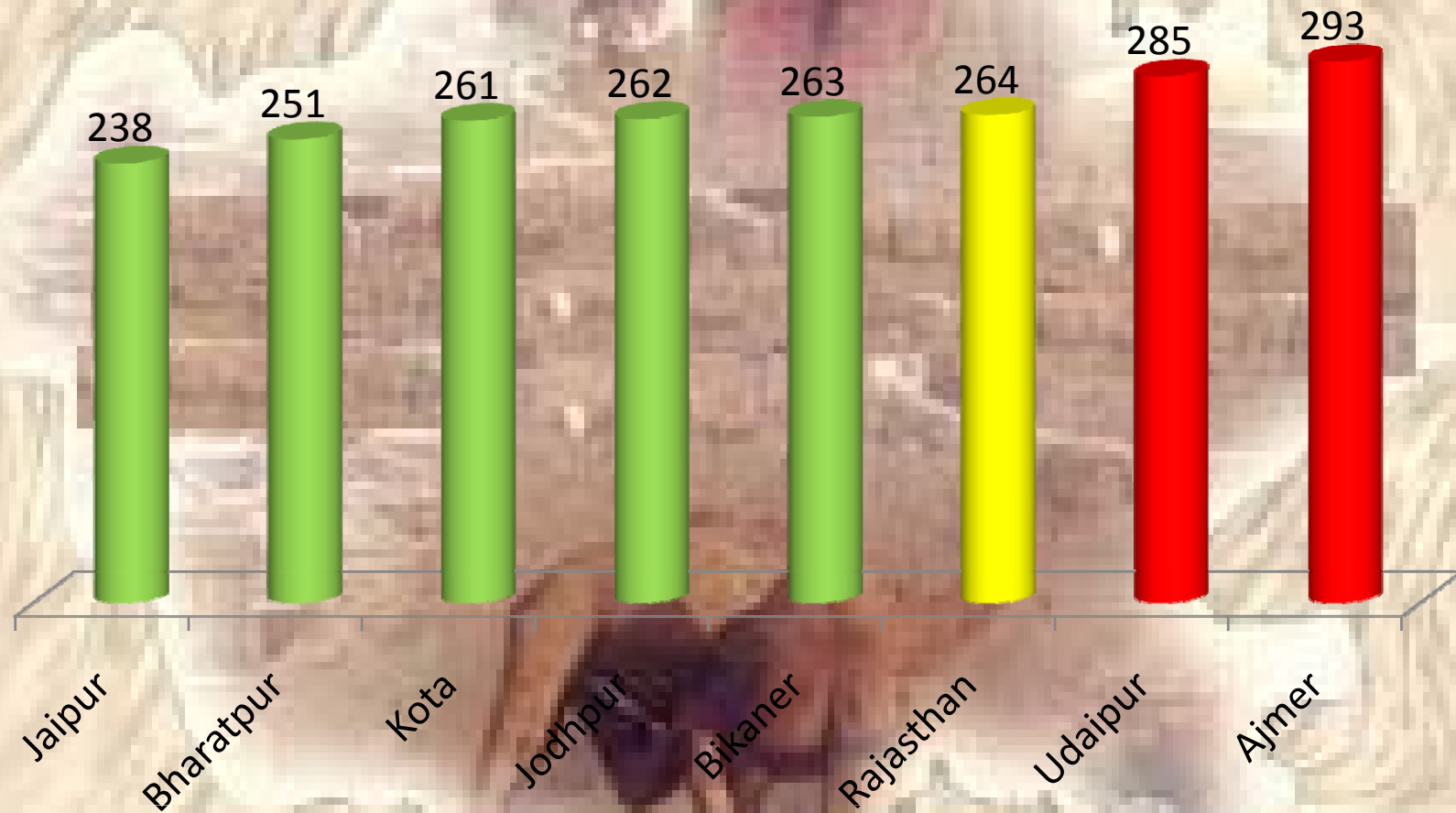
Source: AHS – 2012-13

Under 5 Mortality Rate



Source: AHS – 2012-13

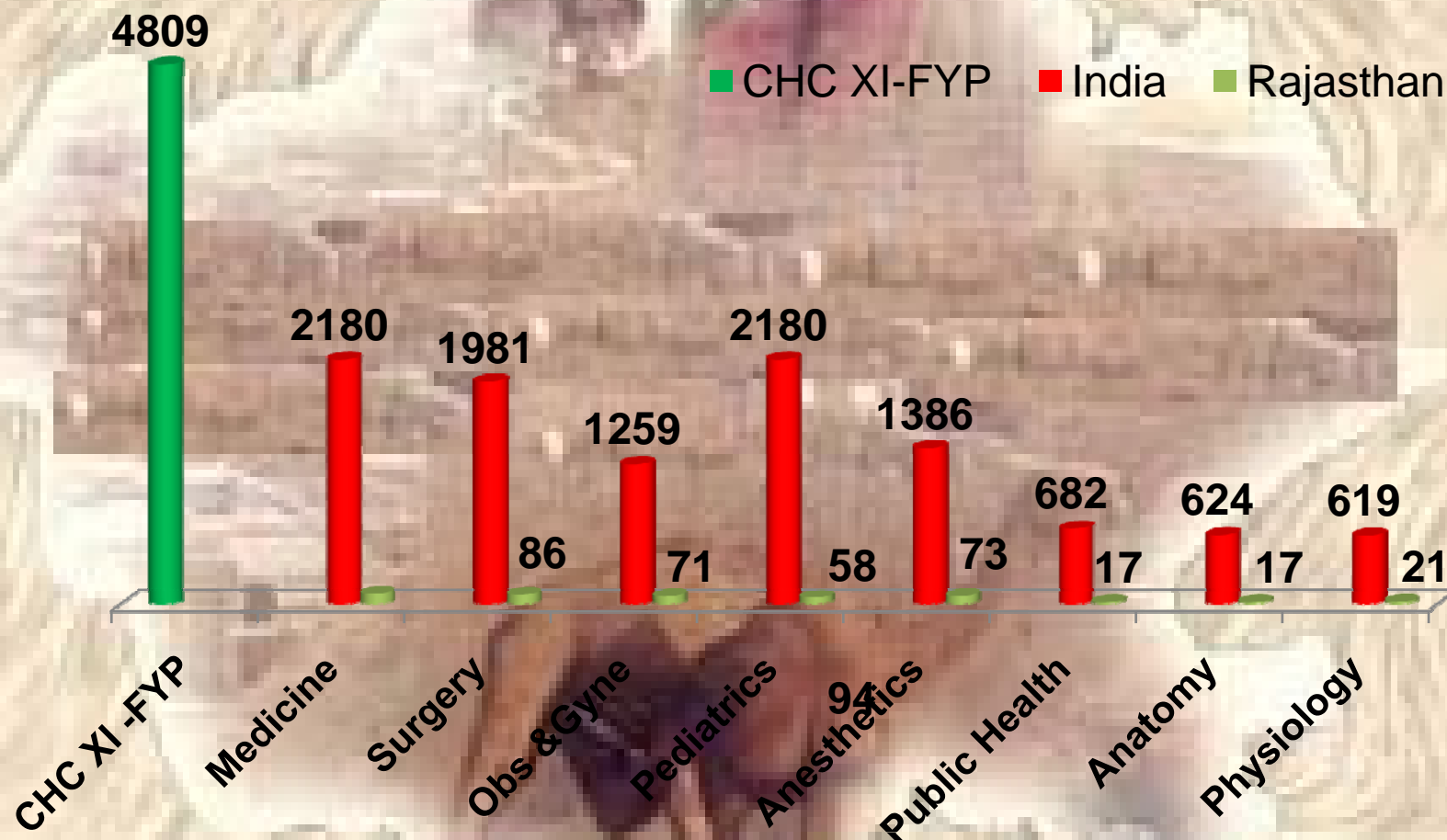
Maternal Mortality Ratio (at Zonal level)



Source: AHS – 2011-12



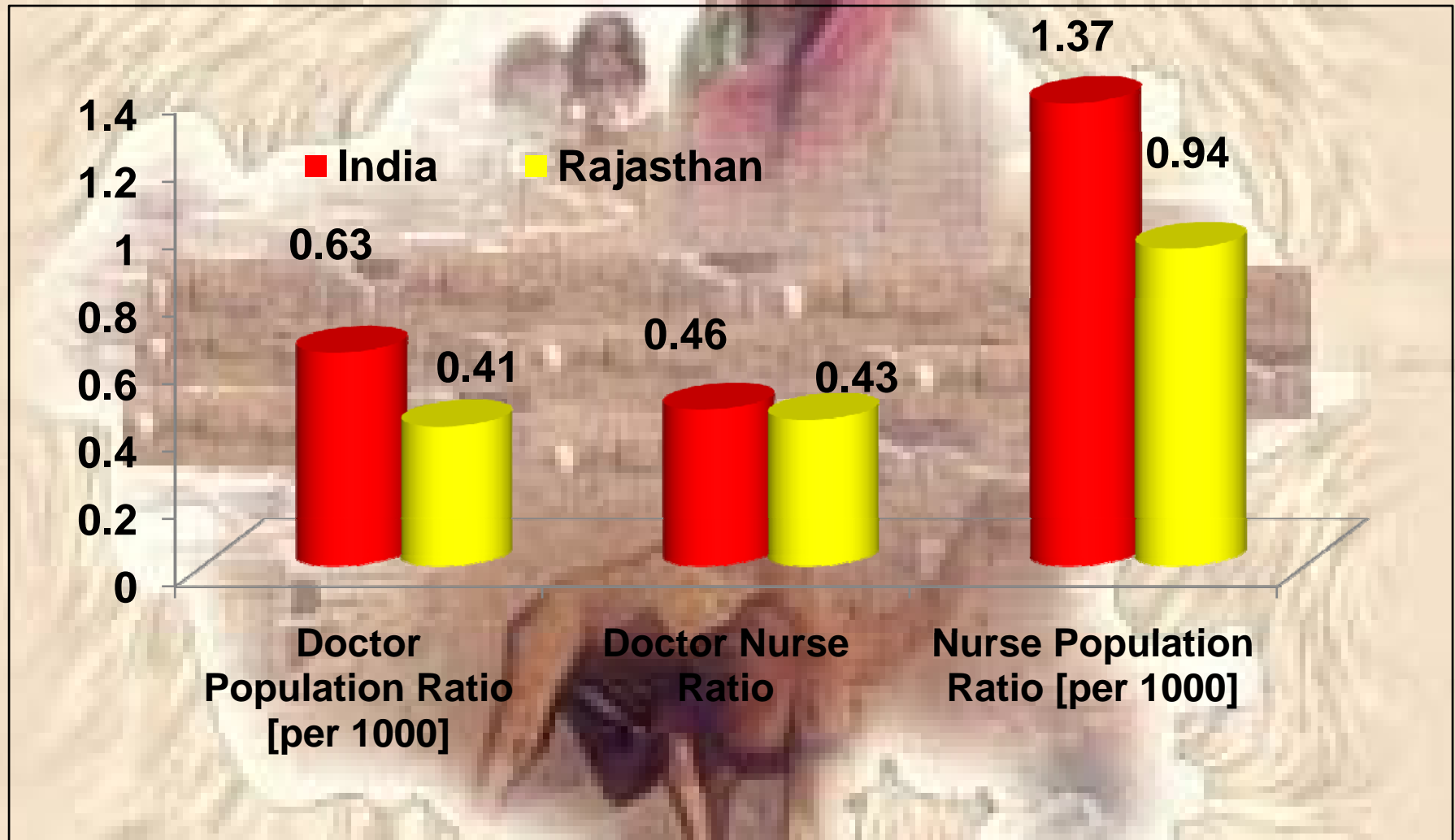
CHC- XI FYP vs. PG seats -



Source: RHS 2011/ MCI, 2012 (www.mciindia.org)

SIHFW: an ISO9001: 2008 certified institution

Service Provider Status



Health Sector Schemes and Initiatives

- One year P.G. Certificate for Doctors :- One Year training Certificate Course for in service doctors in 10 specialities has been started from 9 March 2015.
- 267 Doctors were selected in phase I. 97 more doctors were selected for phase II which has started from 13-07-2015.

Health Sector Schemes and Initiatives contd

- ADARSH PHC Yojana- August 15,2016
 - Ist Phase 295 Adarsh PHCs
 - II nd Phase
- Bhamashah Swasthya Bima Yojana



Health Sector Schemes and Initiatives contd

- Mukhya Mantri Jeevan Raksha Kosh
- Janani Suraksha Yaojana
- Rajasthan Janani-Shishu Suraksha Yojana (RJSSY) assures NIL out of pocket expenses in all Government Health Institutions for Pregnant Women & Newborns
- HBPNC/ HBNC+ /Yashoda
- Mukhya Mantri Rajshri Yojana
-

Health Sector Schemes and Initiatives contd

- Routine Immunization Program
- Hepatitis B vaccine in Routine Immunization program – Dec11
 - Pentavalent Vaccine (launched from 1st Nov, 2014)
 - Mission Indra Dhanush
 - Navjaat Shishu Suraksha Karyakram (NSSK)
 - POSHAN



- **Desi Ghee Scheme on First Delivery to BPL women**

- 100% State Govt. sponsored scheme
- Implemented in all the districts from 01.03.2009
- Provision of 5 litre Saras Deshi ghee as a token of gift
- For the BPL, on first delivery, at Govt. Institution.
- Provided through medical officer in urban areas and ANMs in the rural area
- A Deshi ghee coupon is provided at the time of discharge from hospital indicating Dairy booth number .
- 5 liters Deshi ghee is delivered at the concerned booth within 15 days of issued coupon.



- “Policy to promote private sector in Health care facilities-2006”
- Sanjivani scheme -specialist services in tribal and desert areas through health camps
- Swasthya Chetna Yatra

- **Jyoti Yojana-** Any woman who has undergone sterilization after one or two girl child only would be empowered
 - Set as Role model for village
 - Preference for ASHA selection, AWW, ANM selection
 - Preference in higher education



- Balika Sambal Yojna
 - Bond of Rs. 10,000/- to maximum two girl child, if parents undergo sterilization
- Rajiv Gandhi Mobile Medical Unit
- 108 Emergency Referral Service

- 
- Promotion of generic medicines
 - Mukhya Mantri Nishulk Dawa Yojana
 - Establishment of RMSCL in 2011 for free delivery of quality medicines.
 - Mukhya Mantri Nishulk Jaanch Yojana



- Toll Free '104' Medical Advice Service
- Swasthya Sandesh Yojana(**SMS Alerts to Citizen and Health Workers**)

KMK (Kushal Mangal Karyakram)



- Kushal Mangal Karyakram (KMK) with an aim to bring down maternal mortality ratio (MMR) in the state. Under the new scheme, the health department would identify high-risk pregnancies.
- Surakshit Matratva Divas
- Prasuti Niyojan Diwas

Activities/ initiatives under NHM

- Social Review of Maternal Death (Oct, 2014)
- Expansion of services in '104' Toll Free Medical Advice Service
 - Complaint of illegal sex determination
 - Information regarding treatment of malnutrition among children
- Badhai Sandesh (launched from 11th Oct, 2014)
- ASHA Sanchar
- ANM SAMVAD

Continue...

Nishulk Sanitary napkins vitran yojna

- **Sanitary Napkin –**
 - **As per** Budget 2015-16 announcements Hon'ble Chief minister for girls health and hygiene a special scheme Nishulk Sanitary napkins vitran yojna was introduced.
- All the 33 districts of the state in in rural areas from class 6 to 12, approximately 15.50 lacs school going adolescent girls and approximately 4.50 lacs 10 to 19 years old non school going adolescent girls of BPL families, will be benefited Under this scheme there is a provision of distributing 12 free sanitary napkins per month to each girl.

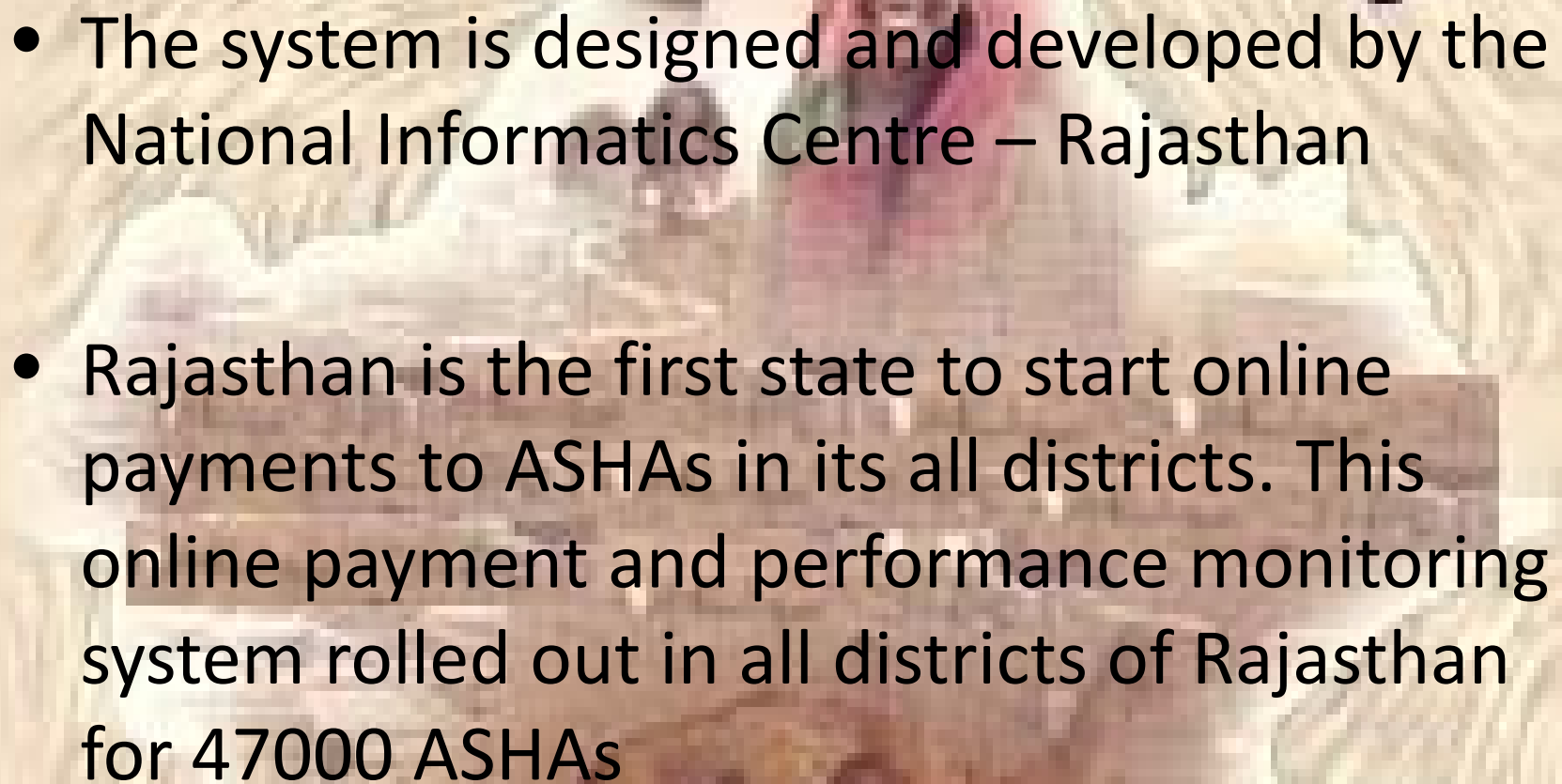


e-Initiatives

Of GoR

ASHA Soft (The Online Payment and Monitoring System)

- ASHA Soft (The Online Payment and Monitoring System):- It is an online system launched on 26th December, 2014.
- ASHA Soft facilitates the user to capture beneficiary wise details of services given by ASHA to the community, online payment of ASHA to their bank accounts, generate various reports to monitor the progress of the programme and to ensure their timely and seamless online payment

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- The system is designed and developed by the National Informatics Centre – Rajasthan
 - Rajasthan is the first state to start online payments to ASHAs in its all districts. This online payment and performance monitoring system rolled out in all districts of Rajasthan for 47000 ASHAs

Pregnancy, Child Tracking and Health Services Management System Plus (PCTS +)

- Pregnancy, Child Tracking & Health Services Management System is an online software used as an effective planning & management tool by Medical, Health & Family Welfare department, Govt. of Rajasthan. The system maintains online data of more than 13000 government health institutions in the state.
- The System facilitates :Integrated system for HMIS and Pregnant woman & child tracking
 - Online tracking of pregnant women
 - Online tracking of infants & children
 - Better health surveillance
 - Better monitoring of immunization programme
 - Monitoring of institutional delivery
 - Identification of cases for sterilization
 - Better management of health institutions
 - Online directory of health institutions

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- IMPACT-Integrated system for monitoring of PCPNDT act
 - E-Sadhan
 - E-Upkaran
 - OJAS
 - SNA



Thank You

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