



# HEALTH ON THE MARCH 2011 - 2012



State Bureau of Health Intelligence  
Directorate of Health Services  
Government of West Bengal  
Swasthya Bhawan, GN-29, Sector-V  
Salt Lake, Kolkata - 700 091  
Website : [www.wbhealth.gov.in](http://www.wbhealth.gov.in)

HEALTH ON THE MARCH

2011 - 2012

প্রতিটি জন্ম ও মৃত্যুর ঘটনা  
২১ দিনের মধ্যেই নথিভুক্ত করান



শিশুর নাম ছাড়াই জন্ম নথিভুক্ত করা যায়।  
পরে সেখানে নাম ভরে নেওয়া যায়।

কোথায় :

শহর - কর্পোরেশন/মিউনিসিপ্যালিটি, □ গ্রাম - গ্রাম পঞ্চায়েত

জন্ম ও মৃত্যুর প্রমাণপত্র সংগ্রহ করুন,  
এগুলি ভবিষ্যতের জন্য প্রয়োজনীয় দলিল।



স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর (আই. ই. সি. ডিভিশন)  
পশ্চিমবঙ্গ সরকার

Printed at: Saraswaty Press Ltd. (Govt. of West Bengal Enterprise), Kolkata - 700 056



सत्यमेव जयते

# HEALTH ON THE MARCH 2011-12

## WEST BENGAL

**STATE BUREAU OF HEALTH INTELLIGENCE  
DIRECTORATE OF HEALTH SERVICES  
GOVERNMENT OF WEST BENGAL**

Swasthya Bhawan, GN – 29, Sector – V  
Salt Lake, Kolkata – 700091

*Website : [www.wbhealth.gov.in](http://www.wbhealth.gov.in)*







Dr. B. R. Satpathi  
Director of Health Services  
Department of Health & Family Welfare  
Government of West Bengal  
Swasthya Bhawan, GN – 29, Sector – V  
Salt Lake, Kolkata – 700091  
Phone: (033) 23577903/ Fax: (033) 23577904  
E-mail: dhs@wbhealth.gov.in

---

## **FOREWORD**

The Directorate of Health Services has been publishing “Health on the March”, a unique compendium of vital data pertinent to Health & Family welfare issues relevant to the State, since long. I hope that this publication will be of immense help to all concerned government departments & institutions, public sector enterprises, non-government organizations, policy makers, planners, researchers and academicians involved with health sector development of West Bengal.

I gratefully acknowledge the generous co-operation of officers and staff of the Directorate of Health Services, Department of Health & Family Welfare, District Health Authorities and peripheral units in providing useful information for incorporation in this publication.

I would like to complement and record my appreciation to the entire team of officers and staff of State Bureau of Health Intelligence for timely bringing out this publication.

The suggestion for further improvement of this publication will be highly appreciated.

(Dr. B. R. Satpathi)  
Director of Health Services  
Government of West Bengal







**Dr. Satyapriya Bhattacharyya**  
**State Bureau of Health Intelligence**  
**Directorate of Health Services**  
**Government of West Bengal**  
**Swasthya Bhawan, GN – 29, Sector – V**  
**Salt Lake, Kolkata – 700091**  
**Phone: (033) 2357-4024**  
**E-mail: dir\_sbhi@wbhealth.gov.in**

---

## **FOREWORD**

The publication “Health on the March, 2011-2012” provides important demographic indicators along with basic vital data on Health & Family Welfare programmes of the State of West Bengal. This book should be of great use to all those who are working in the field of health and family welfare.

I gratefully acknowledge the co-operation of the Chief Medical Officers of Health and Superintendents of Hospitals for providing useful data. I convey my sincere thanks to all other providers of data from numerous organizations.

I also take the opportunity to thank all the officers and staff of the State Bureau of Health Intelligence for their sincere efforts for bringing out this publication.

**(Dr. Satyapriya Bhattacharyya)**  
**Director**  
**State Bureau of Health Intelligence**  
**Directorate of Health Services**  
**Government of West Bengal**





# CONTENTS

Page No.

Chapter I	:	DEMOGRAPHIC FEATURES	....	1-21
Chapter II	:	VITAL STATISTICS	....	23-34
Chapter III	:	CIVIL REGISTRATION SYSTEM	....	35-43
Chapter IV	:	RELATED SOCIO-ECONOMIC STATISTICS	....	45-49
Chapter V	:	ADMINISTRATION & ORGANISATION	....	51-55
Chapter VI	:	MEDICAL INSTITUTIONS IN WEST BENGAL	....	57-62
Chapter VII	:	HOSPITAL INFORMATION SYSTEM	....	63-97
Chapter VIII	:	PUBLIC HEALTH STATISTICS	....	99-165
Chapter IX	:	RCH AND FAMILY WELFARE PROGRAMME	....	167-196
Chapter X	:	HEALTH MANPOWER AND MEDICAL EDUCATION	....	197-212
Chapter XI	:	AYURVEDIC, HOMOEOPATHIC AND ACUPUNCTURE SYSTEM	....	213-224
Chapter XII	:	INFORMATION, EDUCATION AND COMMUNICATION	....	225-253
Chapter XIII	:	NATIONAL COMPARISONS	....	255-285
Chapter XIV	:	OPD TRACKING SYSTEM	....	287-293
		ANNEXURE - DEFINITIONS	....	294-298



## LIST OF TABLES

Table	Subject	Page No.
<b>CHAPTER I: DEMOGRAPHIC FEATURES</b>		
I.1	Demographic Characteristics at a Glance	3
I.2	Trends in Population in West Bengal, 1901-2011	4
I.3	Population, Decennial Growth Rate, Density of Population and Sex Ratio in the Districts of West Bengal, 2001 and 2011	5
I.4	Percentage Decadal Variation in Population since 1911 for West Bengal and the Districts	6
I.5	Sex Ratio since 1911 for West Bengal and the Districts	7
I.6	Sex Ratio (No. of females per 1000 males) in West Bengal, 2001 & 2011 by Rural and Urban Areas	8
I.7	Density of Population since 1911 for West Bengal and the Districts	9
I.8	Area and Population, West Bengal, 2011 Census (P)	10
I.9	Comparative Size of Population and Area, West Bengal 2011 (P)	11
I.10	Scheduled Caste and Scheduled Tribe Population by Districts of West Bengal, 2001 Census	12
I.11	District-wise Population of West Bengal by Rural and Urban Areas, 2011	12
I.12	District-wise Break-up of Population by Sex in Rural and Urban Areas of West Bengal, 2011(P)	13
I.13	Some Selected Characteristics of Four Mega Cities in India, 2001	14
I.14	Number of Towns and Villages according to Population Size in West Bengal	15
I.15	Percentage Distribution of Population by Age Group with Urban-Rural Break-up, West Bengal, 2001	15
I.16	0-6 Population by Sex in West Bengal and the Districts, 2011 Census (P)	16
I.17	Sex-Ratio (No. of females per 1000 males) for Total Population and for Scheduled Caste and Scheduled Tribe Population by Area of Residence, West Bengal, 2001	16
I.18	Distribution of Total Population, Disabled Population and Percentage of Disabled Population to Total Population by Residence & Sex for India and West Bengal- 2001	17
I.19	Disabled Population in Districts of West Bengal by Type of Disability, 2001	19
I.20	Percentage of Disabled Population by Type of Disability to Total Disabled Population - India & West Bengal, 2001	19
I.21	Ranking of Districts by Population Size in 2001 and 2011 in West Bengal	20
I.22	Ranking of Districts by Sex Ratio in 2001 and 2011 in West Bengal	20
I.23	Ranking of Districts by Population Density in 2001 and 2011 in West Bengal	21
I.24	Ranking of Districts by Literacy Rate in 2001 and 2011 in West Bengal	21
<b>CHAPTER II : VITAL STATISTICS</b>		
II.1	Estimated Birth Rate, Death Rate and Infant Mortality Rate for West Bengal : 1984 - 2011	25
II.2	Estimated Birth Rate, Death Rate and Infant Mortality Rate for West Bengal and India : 1984 - 2011	26
II.3	Fertility Indicators of West Bengal	29
II.4	Estimated Age-specific Fertility Rates of West Bengal, 2010	30
II.5	Percentage Distribution of Current Live Births by Birth Order in West Bengal and India	31
II.6	Mortality Indicators of West Bengal	32
II.7	Age-specific Death Rate by Sex and Residence in West Bengal, 2010	33
II.8.1	Expectation of Life at Birth by Sex, West Bengal and India : 1970-75 & 2001-05	34
II.8.2	Expectation of Life at Birth by Sex and Residence, West Bengal and India, 2000 - 04	34
II.8.3	Expectation of Life at Selected Ages, West Bengal and India, 2000 - 04	34
II.8.4	Projected Values of Expectation of Life at Birth by Sex, West Bengal and India	34



## LIST OF TABLES

Table	Subject	Page No.
<b>CHAPTER III : CIVIL REGISTRATION SYSTEM</b>		
III.1	Administrative Set-up of Civil Registration Functionaries at Different Levels	37
III.2	Persons Responsible to Report the Occurrence of Births / Deaths and Time Limit for such Reporting to the Registrar of Births and Deaths as per Section 8 or 9 of the Registration of Births & Deaths Act, 1969 Read with Rule 5 of the West Bengal Registration of Births & Deaths Rules, 2000	38
III.3	Procedure for Delayed Registration of Births and Deaths as per Section 13 of the Registration of Births & Deaths Act, 1969 Read with Rule 10 of the West Bengal Registration of Births and Deaths Rules, 2000 and WBRBD (Amendment) Rules, 2005 and WBRBD (Amendment) Rules, 2006	39
III.4	Registration Centres under Civil Registration System-Distribution by Districts of West Bengal	40
III.5	Performance of Civil Registration in West Bengal - 1992-2010	40
III.6	Performance of Training of Civil Registration Functionaries in West Bengal	41
III.7	Performance Indicators of Civil Registration in West Bengal - 1991-2010	41
<b>CHAPTER IV : RELATED SOCIO-ECONOMIC STATISTICS</b>		
IV.1	Literacy Rate by Sex in the Districts of West Bengal	47
IV.2	Literacy Rate by Sex in the Districts of West Bengal by Urban-Rural Areas, 2011(P)	47
IV.3	Sex Differential in Literacy Rates, West Bengal : 1991, 2001 and 2011	47
IV.4	District-wise Population by Religion in West Bengal, 2001	48
IV.5	Percentage of Workers to Total Population in India and West Bengal by Residence and Sex, 1991 and 2001	49
IV.6	Estimates of Net State Domestic Product of West Bengal by Industry of Origin at Current Prices (Base Year : 2004-05)	49
<b>CHAPTER V : ADMINISTRATION &amp; ORGANISATION</b>		
V.1	Administrative Units of West Bengal	53
V.2	District-wise Break-up of Administrative Units in West Bengal	54
V.3	District-wise Vehicle Position and Status of Driver under State Health Transport Organisation by Districts of West Bengal as on 1st April, 2012	55
<b>CHAPTER VI : MEDICAL INSTITUTIONS IN WEST BENGAL</b>		
VI.1	Medical Institutions in West Bengal as on 30.11.2012	59
VI.2	Medical Institutions and Sanctioned Number of Beds in the Districts of West Bengal as on 30.11.2012	60
VI.3	National Norm for Primary Health Care Facilities	61
VI.4	District-wise Distribution of Health Facilities in Rural Areas of West Bengal as on 30.11.2012	61
VI.5	District-wise Population Served per Bed during 2011 in West Bengal	62

## LIST OF TABLES

Table	Subject	Page No.
<b>CHAPTER VII : HOSPITAL INFORMATION SYSTEM</b>		
VII.1	Performance of the State Government Hospitals under Health & Family Welfare Department by Type of Hospitals for the years 2010 & 2011	65
VII.2	Year-wise Performance Indicators in the Medical Institutions up to BPHC Level of West Bengal	66
VII.3	Performance of Medical College Hospitals in West Bengal during 2011 (January to December)	69
VII.4	Performance Indicators of Medical College Hospitals in West Bengal during 2011 (January to December)	70
VII.5	Performance of District Hospitals in West Bengal during 2011 (January to December)	71
VII.6	Rank of District Hospitals by Performance Indicators during 2011 (January to December)	72
VII.7	Performance of Sub-divisional & State General Hospitals in West Bengal during 2011 (January to December)	73
VII.8	Rank of Sub-divisional & State General Hospitals by Performance Indicators during 2011 (January to December)	76
VII.9	Performance of Some Other Hospitals in West Bengal during 2011 (January to December)	79
VII.10	Performance Indicators of Some Other Hospitals in West Bengal during 2011 (January to December)	79
VII.11	Performance of Rural Hospitals in West Bengal during 2011 (January to December)	80
VII.12	Rank of Rural Hospitals by Performance Indicators in West Bengal during 2011 (January to December)	87
VII.13	Performance of Block Primary Health Centres in West Bengal during 2011 (January to December)	94
VII.14	Rank of Block Primary Health Centres by Performance Indicators in West Bengal during 2011 (January to December)	96
<b>CHAPTER VIII : PUBLIC HEALTH STATISTICS</b>		
VIII.1.1	Activities on National Anti Malaria Programme (NAMP) of West Bengal, 1989-2011 Epidemiological Situation	101
VIII.1.2	Annual Epidemiological Report of Malaria , West Bengal, 2011	103
VIII.1.2a	Month-wise Distribution of Positive Cases and Deaths due to Malaria in West Bengal during 2011	103
VIII.1.3	District-wise Annual Epidemiological Report of Malaria of West Bengal in 2011	104
VIII.1.4	District-wise AES / Japanese Encephalitis (JE) Positive Cases in West Bengal, 2011	104
VIII.1.5	Reported Cases and Deaths due to Kala-azar in West Bengal, 2005 - 2011	105
VIII.1.6.1	Reported Cases and Deaths due to Dengue/DHF in West Bengal for 2010 & 2011	105
VIII.1.6.2	Epidemiological Report of Chikungunya, West Bengal, 2011	106
VIII.1.7	Indoor Residual Spray (IRS) with D.D.T. 50% for the year 2011	106
VIII.1.8	Distribution of Population in West Bengal as per API, 2011	107
VIII.1.9	Distribution Report on Long Lasting Insecticidal Net (LLIN) of West Bengal upto December, 2011	108
VIII.1.10	Cases and Deaths due to Acute Respiratory Infection (ARI), Pneumonia, Enteric Fever, Dog Bite & Rabies in West Bengal during 2011	108
VIII.1.11	Cases and Deaths due to Acute Diarrhoeal Diseases, West Bengal for 2009, 2010 & 2011	109
VIII.1.12	Annual Performance Report on National Filaria Control Unit of West Bengal during 2011 (January to December)	110
VIII.1.13	Reports on PRE-MDA Night Blood Survey in 12 Endemic Districts of West Bengal	111
VIII.1.14	Final Report of MDA-12 (01.03.2012), West Bengal	112

## LIST OF TABLES

Table	Subject	Page No.
VIII.2.1	T.B. Hospitals and Sanatoria with Bed Strength as on 31st December, 2011	113
VIII.2.2	District-wise Breakup of NGOs Participating in RNTCP as on 31st December, 2011	114
VIII.2.3	Trend in the Number of T.B. Patients Applying for Admission in T.B. Hospitals / Sanatoria and the Number of T.B. Patients Selected for Admission	115
VIII.2.4	Profile of Infrastructural Strengthening Undertaken for Revised National Tuberculosis Control Programme (RNTCP) Service Delivery in West Bengal	115
VIII.2.5	Trends in Case Detection under RNTCP in West Bengal	116
VIII.2.6	RNTCP Performance in West Bengal	117
VIII.2.7	Annual RNTCP Performance, West Bengal - Case Finding (2011), Sputum Conversion (4th Qtr 2010 to 3rd Qtr 2011), Results of Treatment (2010)	118
VIII.2.8	Annual Report on New and Retreatment Cases of Tuberculosis, 2011	119
VIII.2.9	RNTCP Training Status at State TB Demonstration- cum -Training Centre in West Bengal	120
VIII.2.10	District-wise TUs / DMCs / Sputum Collection Centre / DOT Centre in West Bengal	121
VIII.3.1	Leprosy Situation in West Bengal	123
VIII.3.2	NLEP in 12th Five Year Plan	124
VIII.3.3	Year-wise Leprosy Status in West Bengal	125
VIII.3.4	District-wise Comparative Statement of New Cases	126
VIII.3.5	District-wise Comparative Statement of PR	127
VIII.3.6	District-wise Comparative Statement of ANCDR	127
VIII.3.7	Comparative Statement of GR.-II Deformity Cases	128
VIII.3.8	Leprosy Situation in Districts as on 31.03.2012	129
VIII.3.9	Leprosy - Disability Management Services Providing Institutions	129
VIII.3.10	Comparative Statement of RCS, MCR Footwear	130
VIII.4.1	National Mental Health Programme (NMHP)	131
VIII.4.2	Number of Beds in State-run Mental Hospitals	131
VIII.4.3	Number of Psychiatry Beds in Position in West Bengal	132
VIII.4.4	Registered Nursing Home/Drug Addiction Centre for Mental Patient in West Bengal	132
VIII.4.5	District Mental Health Programme	132
VIII.4.6	Distribution of Drug De-addiction Beds	133
VIII.4.7	Strengthening of Psychiatry Units of the 6 (six) Medical Colleges	133
VIII.4.8	Comparative Figures of OPD & IPD Attendance in the State-run Mental Hospitals	133
VIII.4.9	Psychiatry OPD (under joint venture scheme) Run by NGOs	133
VIII.5.1	Health Infrastructure in Eye Care Facilities in West Bengal	135
VIII.5.2	Performance of Activities in Cataract Operation in West Bengal	136
VIII.5.3	District-wise Performance of Cataract Operation in West Bengal during 2011-12	137
VIII.5.4	Cataract Surgery Rate (CSR) in West Bengal	138
VIII.5.5	Performance School Eye Screening in West Bengal	139
VIII.5.6	District-wise School Eye Screening (SES) Performance in West Bengal during 2011-12	140
VIII.5.7	Performance of Eye Banking and Cornea Grafting in West Bengal	141



## LIST OF TABLES

Table	Subject	Page No.
VIII.5.8	Treatment of Other Diseases in West Bengal	142
VIII.5.9	Report of Blind School Screening in West Bengal	142
VIII.5.10	Performance of Regional Institute of Ophthalmology in Kolkata	143
VIII.6.1	Blood Banks in West Bengal during 2011 - 12	144
VIII.6.2	Annual Blood Collection Report of Govt. and Non-Govt. Blood Banks in West Bengal	144
VIII.6.3a	Blood Collection Report from State Govt. Blood Banks in West Bengal	144
VIII.6.3b	Blood Collection Report from Central Govt. Blood Banks in West Bengal	145
VIII.6.3c	Blood Collection Report from Private Blood Banks in West Bengal	145
VIII.6.4	STD Clinic Status in West Bengal (WBSAP & CS) during 2011-12	145
VIII.6.5a	STI Cases Reported in STI Clinics of West Bengal	146
VIII.6.5b	ICTC Referrals from STI Clinics and Positivity Rate Among Them in West Bengal	146
VIII.6.6	Cumulative Number of Persons (both General Clients & Pregnant Women) Tested for HIV & Found Sero-positive in ICTC Centres of West Bengal (Till 31st March, 2012)	146
VIII.6.7(a)	Annual Performance of ICTC Units in West Bengal during 2011-12	147
VIII.6.7(b)	Annual Performance of ICTC(ANC)/PPTCT Units in West Bengal during 2011-12	148
VIII.6.8	Age Group-wise Distribution of HIV Sero-Positive Cases in General Clients (Excluding Pregnant Women) in West Bengal during 2011-12	151
VIII.6.9	District-wise Sero-Positive Cases Detected by ICTC (Gen. Clients + Pregnant women) in West Bengal during 2011-12	152
VIII.6.10	District-wise HIV Positivity Percentage in ICTCs (Except Pregnant women) in West Bengal during 2011-12	152
VIII.6.11	District-wise HIV Positivity % in ICTCs (Pregnant Women) in West Bengal during 2011-12	153
VIII.6.12	Cumulative Number of PLHA Registered in ART Centres of West Bengal up to 31.03.2012	154
VIII.6.13	Number of Target Intervention (TI) Projects to Reach High Risk Groups (HRG) & Bridge Population of West Bengal	156
VIII.6.14	Few Target Intervention (TI) Indicators during Last Three Financial Years in West Bengal	156
VIII.6.15	List of Community Care Centres (CCC)s to Provide Services to People Living with HIV / AIDS	156
VIII.7.1	Report of the Working of the Prevention of Food Adulteration Act, 1954 for the Year 2011-12	157
VIII.7.2	Report of the Working of the Food Safety and Standards ACT, 2006	158
VIII.8	Activities of West Bengal Public Health Laboratory (Bacteriology Section) for the Year 2011-12	159
VIII.9	Number of OPD Attendance, Admission, Death, Discharge, etc. at Cancer Centre Welfare Home and Research Institute, Thakurpukur, Kolkata during 2011-12	160
VIII.10.1	Nutritional Status of Children (0 - 6) Years during July to December, 2011	162
VIII.10.2	Nutritional Status of Children (0 - 6) Years during January to June, 2012	162
VIII.11.1	Communicable Disease-wise Report on Cases and Deaths in West Bengal during January to December, 2011	162
VIII.11.2	Non-Communicable Disease-wise Report on IPD Cases and Deaths in West Bengal during 2011(January to December)	163
VIII.12.1	Status on I.C.D.S. As on 31.03.2012	163
VIII.12.2	Consolidated Progress Report of I.C.D.S. in West Bengal as on March, 2012	164
VIII.13	Activities of the Directorate of Drug Control in West Bengal during 2011-12	165

## LIST OF TABLES

Table	Subject	Page No.
<b>CHAPTER IX : RCH &amp; FAMILY WELFARE PROGRAMME</b>		
IX.1	Family Welfare Service Units in West Bengal as on 31.12.2011	169
IX.2	Family Welfare Performance in West Bengal	169
IX.3	Achievement in Family Welfare Programme in West Bengal	171
IX.4	Progress of Sterilisation Programme by Districts of West Bengal	176
IX.5	Progress of IUD Programme by Districts of West Bengal	177
IX.6	Number of Conventional Contraceptive Users of West Bengal	177
IX.7	Number of Oral Pill Users of West Bengal	178
IX.8	Number of Medical Termination of Pregnancy (MTP) by Districts of West Bengal	178
IX.9	Performance in Universal Immunisation Programme in West Bengal	179
IX.10	Achievement of Universal Immunization Programme by Districts of West Bengal	180
IX.11	Achievement of Folifer (Mother) & Vit 'A' in oil in West Bengal	181
IX.12	District-wise Performance of Folifer (Mother) & Vit 'A' in oil in West Bengal	182
IX.13	Status of Implementation of Ayushmati Scheme, West Bengal	182
IX.14	Number of JSY Beneficiaries in West Bengal	183
IX.15	Number of Institutional Delivery under JSY in West Bengal	183
IX.16	Performance Report on "RCH Plus Camp" in West Bengal	184
IX.17.1	District-wise Polio Cases	185
IX.17.2	Pulse Polio Immunisation during 2011 (January to November)	185
IX.17.3	Pulse Polio Immunisation during 2012 (January to November)	185
IX.18.1	Performance of ARSH (Adolescent Reproductive and Sexual Health) Programme for Adolescents (10-19 years) in West Bengal, 2012	186
IX.18.2	Performance of AFHCs (Anwasha at BPHC/RH and Adolescent Health Clinics at District Hospitals) in West Bengal during January to March, 2012	186
IX.18.3	Weekly Iron-Folic Acid Supplementation (WIFS)	186
IX.19	DLHS-RCH Key Indicators (1998-1999), West Bengal	187
IX.20	DLHS-RCH Key Indicators (2003-04), West Bengal	188
IX.21	West Bengal - Key Indicators, DLHS-3 (2007-08)	190
IX.22	DLHS-3 : RCH Key Indicators, 2007-08, West Bengal	192
IX.23	Important Indicators under RCH and Family Welfare Programme in West Bengal, 2011-12	193
IX.24	Implementation and Working of the Pre-conception and Pre-natal Diagnostic Techniques (Prohibition of Sex Selection ) Act (Progress upto March, 2012)	194
IX.25	Details of District Training Centres (DTCs) Involved in ASHA Training under NRHM	195
<b>CHAPTER X : HEALTH MANPOWER AND MEDICAL EDUCATION</b>		
X.1	Medical Practitioners (Allopathic) Registered with the West Bengal Medical Council	199
X.2	Nurses, Public Health Nurses, Auxiliary Nurse-cum-Midwives and Lady Health Visitors Registered with the West Bengal Nursing Council during 2011	199
X.3	Dentists Registered with the West Bengal Dental Council as on 31.3.2012	199
X.4.1	Pharmacists Registered with the Pharmacy Council, West Bengal	200
X.4.2	Intake in Diploma and Degree in Pharmacy	200
X.5	Population Served per Doctor and per Nurse in West Bengal	201
X.6	Rural-Urban – Differential in Population Served per Doctor in West Bengal	202

## LIST OF TABLES

Table	Subject	Page No.
X.7	Intake in MBBS Course in West Bengal during 2011	202
X.8	Post Graduate Degree and Diploma - Discipline-wise No. of Students Passed Out in Academic Year 2011-12	203
X.9.1	Number of Seats of Post Graduate Courses in the Academic Year 2012-13 (MD, MS )	205
X.9.2	No. of Seats of Post Graduate Courses in the Academic Year 2012-13 ( Diploma, DM, M.Ch. )	206
X.10.1	Intake in BDS & MDS Course in 2011	207
X.10.2	Intake and Out-turn in BDS Course in Dr. R. Ahmed Dental College & Hospital, Kolkata	208
X.10.3	Intake and Out-turn in MDS Course in Dr. R. Ahmed Dental College & Hospital, Kolkata	208
X.11.1	Annual Out-turn of Nurses in West Bengal	209
X.11.2	Annual Out-turn of Nurses in West Bengal during 2011	209
X.12	Seats of Para Medical Courses in Different Medical Colleges / Institutions & Affiliated Institutions for 2011-12 ( State Medical Faculty of West Bengal )	210
<b>CHAPTER XI : AYURVEDIC, HOMOEOPATHIC AND ACUPUNCTURE SYSTEM</b>		
XI.1.1	Facilities Available for Treatment in Ayurvedic System of Medicine in West Bengal during 2011-12	215
XI.1.2	Education Facilities Available under Ayurvedic System of Medicine in West Bengal during 2011-12	215
XI.1.3	Ayurvedic College & Dispensaries in the Districts of West Bengal during 2011 - 12	216
XI.1.4	Ayurvedic Practitioners Registered with the Paschim Banga Ayurvedic Parishad	216
XI.1.5	Facilities Available for Treatment in Ayurvedic System of Medicine under Centrally Sponsored Scheme in West Bengal during 2011-12	217
XI.1.6	Ayurvedic Wing & Ayurvedic Speciality Clinic under Centrally Sponsored Scheme in the Districts of West Bengal during 2011-12	217
XI.2.1	Facilities Available for Education in Homoeopathic System of Medicine (BHMS) Course in West Bengal as on 01.04.2012	218
XI.2.2	Registered Homoeopathic Practitioners in West Bengal as on 31.03.2012	219
XI.2.3	Facilities Available for Treatment in Homoeopathic System of Medicine in the State as on 01.04.2012	219
XI.2.4	District-wise Break-up of Degree Homoeopathic Medical College & Hospitals and Homoeopathic Dispensaries and Gram Panchayat Dispensaries As on 01.04.2012	220
XI.2.5	Facilities Available for Post Graduate Education in Homoeopathic System of Medicine As on 01.04.2012	220
XI.2.6	Facilities Available for Pharmacy Course in Homoeopathy As on 01.04.2012	221
XI.2.7	Patient Statement of SHDs of Different Districts of West Bengal during 2011 (January to December)	221
XI.3.1	Government Acupuncture Clinics, Research and Training in West Bengal	222
XI.3.2	Disease-wise Break-up of New Patients Treated in Acupuncture Clinic during February, 1987 to December, 2011	223
XI.3.3	Statistics of Patients (up to 31.12.2011) in Dr. B.K. Basu Memorial Research & Training Institute of Acupuncture	224
<b>CHAPTER XII : INFORMATION, EDUCATION AND COMMUNICATION</b>		
XII.1	Information, Education and Communication	227
XII.2	Janani Shishu Suraksha Karyakram	234
<b>CHAPTER XIII : NATIONAL COMPARISONS</b>		
XIII.1.1	Distribution of the Disabled Persons by Type of Disability, Sex & Residence of India and West Bengal -2001	257
XIII.1.2	Percentage of Disabled Persons by Type of Disability to Total Disabled Persons- India and West Bengal - 2001	258
XIII.2	Projected Levels of Expectation of Life at Birth in India and Major States, 2006 - 2025	258
XIII.3	Mean Age at Effective Marriage of Females by Residence, India and Bigger States, 2010	259
XIII.4	Estimated Birth Rate, Death Rate, Natural Growth Rate and Infant Mortality Rate, 2011	260
XIII.5	Death Rate by Sex and Residence, 2011	261
XIII.6	Infant Mortality Rate by Sex and Residence, 2011	262



## LIST OF TABLES

Table	Subject	Page No.
XIII.7	General Fertility Rate (GFR) by Residence, India and Bigger States, 2010	263
XIII.8	Age Specific Fertility Rates (ASFRs), India and Bigger States, 2010	263
XIII.9	Age Specific Marital Fertility Rates (ASMFRs), India and Bigger States, 2010	264
XIII.10	Mean Age of Fertility, India and Bigger States, 2010	264
XIII.11	Total Fertility Rate (TFR) by Residence, India and Bigger States, 2010	265
XIII.12	Gross Reproduction Rate (GRR) by Residence, India and Bigger States, 2010	265
XIII.13	Total Fertility Rate by Level of Education of Women, India and Bigger States, 2010	266
XIII.14	Total Marital Fertility Rate (TMFR) by Residence, India and Bigger States, 2010	266
XIII.15	General Fertility Rate by Level of Education of Women, India and Bigger States, 2010	267
XIII.16	Percentage Distribution of Current Live Births by Birth Order, India and Bigger States, 2010	267
XIII.17	Percentage Distribution of Live Births by Type of Medical Attention Received by the Mother at Delivery by Residence, India and Bigger States, 2010	268
XIII.18	Percentage of Infant Deaths to Total Deaths by Residence, India and Bigger States, 2010	268
XIII.19	Percent Distribution of Deaths by Type of Medical Attention Received before Death by Residence, India and Bigger States, 2010	269
XIII.20	Percentage of Deaths in the Age Group 0-4 Years to Total Deaths by Residence, India and Bigger States, 2010	269
XIII.21	Estimated Death Rates for Children Aged 0-4 Years by Sex and Residence, India and Bigger States, 2010	270
XIII.22	Early Neo-Natal Mortality Rates and Percentage Share of Early Neo-Natal Deaths to Infant Deaths by Residence, India and Bigger States, 2010	270
XIII.23	Peri-Natal Mortality Rates and Still Birth Rates by Residence, India and Bigger States, 2010	271
XIII.24	Neo-Natal Mortality Rates and Percentage Share of Neo-Natal Deaths to Infant Deaths by Residence, India and Bigger States, 2010	271
XIII.25	Morbidity by State, 2005-06 - Number of Women and Men Aged 15 - 49 Who Reported that They Have Diabetes, Asthma, or Goitre or any other Thyroid Disorder	272
XIII.26	Under Five Mortality Rate by Residence, India and Bigger States, 2010	273
XIII.27	Maternal Mortality Ratio (MMR), Maternal Mortality Rate and Life Time Risk ; India, EAG & Assam, South and Other States, 2007-09	274
XIII.28	Rank of Major States by Various Demographic Characteristics	275
XIII.29	Number (per 1000) of Persons Reporting Ailment (PAP) and Number of Reporting Commencement of any Ailment (PPC) during Last 15 Days, along with Mortality Rate (IMR) for Major States	276
XIII.30	Proportion (per 1000) of Persons Hospitalised any Time during a Period of 365 days in Rural and Urban Areas and Population per Bed in the State	277
XIII.31	Number (per 1000) of Hospitalised Cases Treated in Public Hospital and Private Hospital	278
XIII.32	NFHS-3- Key Indicators, West 1Bengal (2005-06)	279
XIII.33	Nutritional Status of Children	282
XIII.34	Prevalence of Anaemia in Children	283
XIII.35	Nutritional Status of Women	284
XIII.36	Prevalence of Anaemia in Women	285

### CHAPTER XIV : OPD TRACKING SYSTEM

XIV.1	Districtwise Performance Report in West Bengal on OPD Tracking System during 2012 (January to December)	289
XIV.2	Hospital-wise Performance Report in each District of West Bengal on OPD Tracking System during 2012 (January to December)	290

### ANNEXURE - DEFINITIONS

Definitions	297
-------------	-----

## BASIC HEALTH INDICATORS AT A GLANCE

(Latest available rates)

Indicator	West Bengal	India	Rank of West Bengal	Major States Better than West Bengal*
Birth Rate, 2011 (SRS)	16.3	21.8	4	Kerala (15.2), Tamil Nadu (15.9), Punjab(16.2)
Death Rate, 2011 (SRS)	6.2	7.1	1	Lowest
Infant Mortality Rate, 2011 (SRS)	32	44	5	Kerala (12), Tamil Nadu (22), Maharashtra (25), Punjab(30)
Total Fertility Rate, 2010 (SRS)	1.8	2.5	2	Tamil Nadu (1.7)
Neo-natal Mortality Rate, 2010 (SRS)	23	33	4	Kerala (7), Tamil Nadu (16), Maharashtra (22)
Under 5 Mortality Rate, 2010 (SRS)	37	59	4	Kerala (15), Tamil Nadu (27), Maharashtra (33)
Maternal Mortality Ratio, 2007- 09 (SRS)	145	212	5	Kerala (81), Tamil Nadu (97), Maharashtra (104), Andhra Pradesh (134)

\* States with population 20 million or more as per Census, 2011



# Chapter – I

## DEMOGRAPHIC FEATURES

---

---



**Table I.1 : Demographic Characteristics at a Glance**

Sl. No.	Characteristics	Year	West Bengal	India
1	Area ( in sq. km. )	2001	88,752	32,87,240
		2011	88752 (P)	32,87,240
2	Number of villages	2001	40,782	6,38,588
3	Number of towns	2001	375	5,161
4	Census population	2011	91347736(P)	1,210,193,422(P)
		2001	8,01,76,197	1,02,86,10,328*
5	Sex ratio ( females per 1000 males )	2011	947 (P)	940 (P)
		2001	934	933
6	Decennial population growth ( percentage )	2001 - 2011	13.93 (P)	17.64 (P)
		1991 - 2001	17.77	21.54
7	Density of population ( per sq. km. )	2011	1029 (P)	382 (P)
		2001	903	325
8	Crude birth rate ( SRS )	2011	16.3	21.8
9	Crude death rate ( SRS)	2011	6.2	7.1
10	Infant mortality rate ( SRS)	2011	32	44
11	Expectation of life at birth ( projected )	2011 - 2015		
		Male	69.2	67.3
		Female	72.1	69.6
12	Total Fertility Rate	2010	1.8	2.5
13	Mean age at effective marriage for females	2010	20.3	21.0
14	Percentage of urban population to total population	2011	31.89	31.16
		2001	27.97	27.82
15	Literacy Rate < <	2011	77.08 (P)	74.04 (P)
		2001	68.64	64.82
16	Percentage of population by religion (2001)	Hindu	72.47	80.46
		Muslim	25.25	13.43
		Others	2.28	6.11
17	Percentage of Scheduled Caste population to total population	2001	23.02	16.20
		1991	23.62	16.33
18	Percentage of Scheduled Tribe population to total population	2001	5.50	8.20
		1991	5.59	8.01

< < The literacy rates refer to the percentage of Literate to estimated population aged 7 (seven) years and above

\* Excluding the population of Mao-Maram, Paomata and Purul Sub-divisions of Senapati district of Manipur.

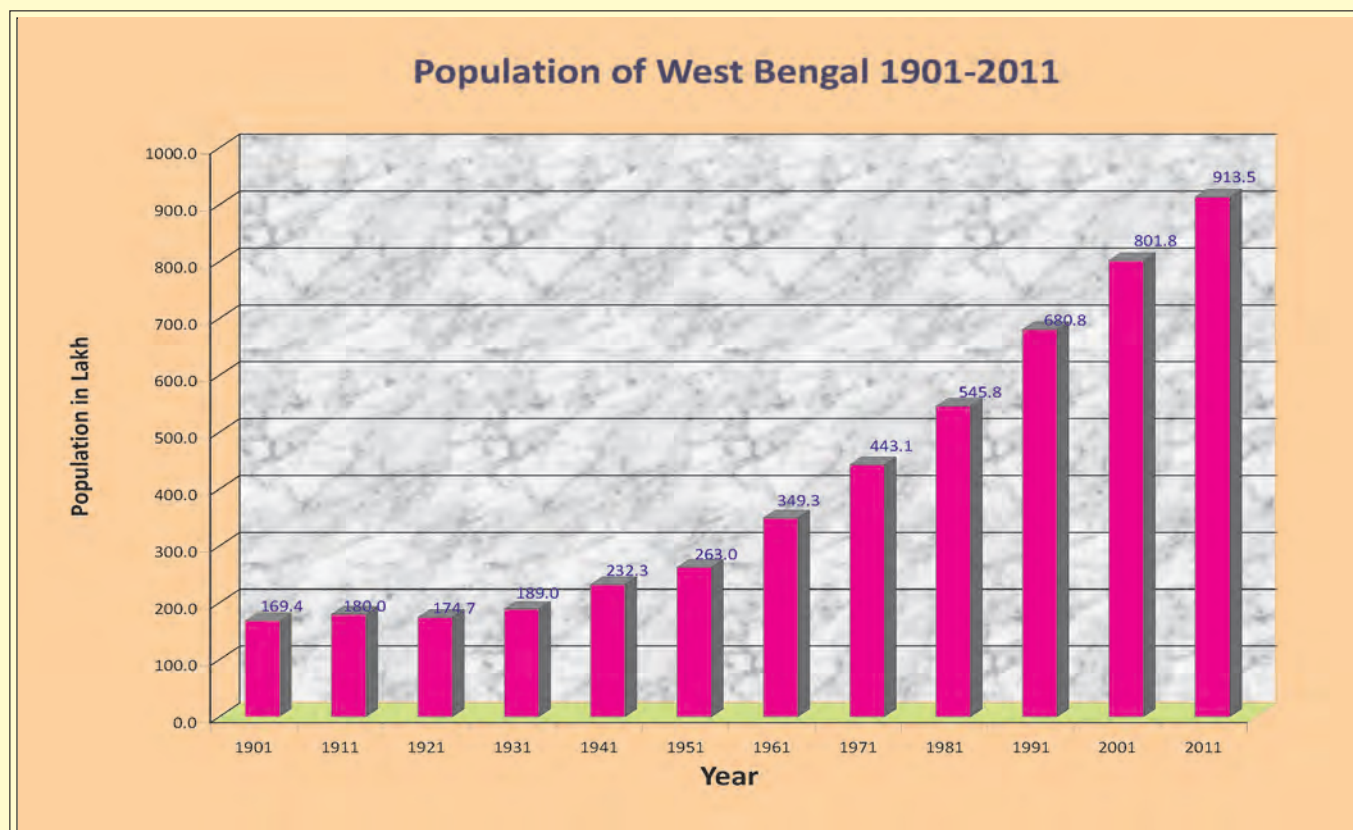
P : Provisional

**Table I.2: Trends in Population in West Bengal, 1901 - 2011**

Year	Population			Sex ratio (females per 1000 males)	Density of population per sq. km.	Decennial population growth (%)	% of urban population to total
	Total	Male	Female				
1901	16940088	8708978	8231110	945	193	-	12.20
1911	17998769	9349419	8649350	925	205	+ 6.25	13.05
1921	17474348	9173148	8301200	905	199	- 2.91	14.41
1931	18897036	9997035	8900001	890	215	+ 8.14	15.32
1941	23229552	12545269	10684283	852	264	+ 22.93	20.41
1951	26299980	14105519	12194461	865	299	+ 13.22	23.88
1961	34926279	18599144	16327135	878	394	+ 32.80	24.45
1971	44312011	23435987	20876024	891	504	+ 26.87	24.75
1981	54580647	28560901	26019746	911	615	+ 23.17	26.47
1991	68077965	35510633	32567332	917	767	+ 24.73	27.48
2001	80176197	41465985	38710212	934	903	+ 17.77	27.97
2011 (P)	91347736	46927389	44420347	947	1029	+ 13.93	31.89

P : Provisional

Source: Census of India, 1901-2011





**Table I.3: Population, Decennial Growth Rate, Density of Population and Sex Ratio in the Districts of West Bengal, 2001 and 2011**

District	Total population		Decennial growth rate (%)		Density of population per sq. km.		Sex ratio (No. of females per 1000 males)	
	2001	2011 (P)	1991-01	2001-11 (P)	2001	2011 (P)	2001	2011 (P)
Bankura	3192695	3596292	13.82	12.64	464	523	952	954
Bardhaman	6895514	7723663	13.96	12.01	982	1100	922	943
Birbhum	3015422	3502387	17.99	16.15	663	771	950	956
Kolkata	4572876	4486679	3.93	-1.88	24718	24252	829	899
Darjiling	1609172	1842034	23.79	14.47	511	585	937	971
Haora	4273099	4841638	14.57	13.31	2913	3300	906	935
Hugli	5041976	5520389	15.77	9.49	1601	1753	947	958
Jalpaiguri	3401173	3869675	21.45	13.77	546	621	942	954
Koch Bihar	2479155	2822780	14.19	13.86	732	833	949	942
Malda	3290468	3997970	24.78	21.50	881	1071	948	939
Purba Medinipur	4417377	5094238	14.87	15.32	933	1076	947	936
Paschim Medinipur	5193411	5943300	15.76	14.44	556	636	961	960
Murshidabad	5866569	7102430	23.76	21.07	1102	1334	952	957
Nadia	4604827	5168488	19.54	12.24	1173	1316	946	947
North 24-Parganas	8934286	10082852	22.69	12.86	2182	2463	926	949
Puruliya	2536516	2927965	14.02	15.43	405	468	954	955
South 24-Parganas	6906689	8153176	20.85	18.05	693	819	937	949
Uttar Dinajpur	2441794	3000849	28.72	22.90	778	956	938	936
Dakshin Dinajpur	1503178	1670931	22.15	11.16	677	753	951	954
<b>West Bengal</b>	<b>80176197</b>	<b>91347736</b>	<b>17.77</b>	<b>13.93</b>	<b>903</b>	<b>1029</b>	<b>934</b>	<b>947</b>

P : Provisional

Source: Census of India, 2001 & 2011

**Table I.4: Percentage Decadal Variation in Population since 1911 for West Bengal and the Districts**

District	Year									
	1911 - 21	1921- 31	1931- 41	1941- 51	1951- 61	1961- 71	1971- 81	1981- 91	1991- 2001	2001- 11 (P)
<b>West Bengal</b>	<b>-2.91</b>	<b>8.14</b>	<b>22.93</b>	<b>13.22</b>	<b>32.80</b>	<b>26.87</b>	<b>23.17</b>	<b>24.73</b>	<b>17.77</b>	<b>13.93</b>
Bankura	-10.43	9.00	16.00	2.30	26.17	22.02	16.93	18.12	13.82	12.64
Bardhaman	-6.46	9.82	19.99	15.92	40.65	27.04	23.47	25.13	13.96	12.01
Birbhum	-9.41	11.25	10.63	1.77	35.55	22.80	18.01	21.94	17.99	16.15
Darjiling	5.12	12.85	17.72	17.58	35.90	25.16	31.02	26.91	23.79	14.47
Haora	5.71	10.17	35.62	8.12	26.51	18.58	22.74	25.71	14.57	13.31
Hugli	-0.90	3.22	24.04	13.35	39.02	28.72	23.86	22.43	15.77	9.49
Jalpaiguri	4.93	6.47	14.42	8.13	48.27	28.76	26.55	26.44	21.45	13.77
Koch Bihar	-0.07	-0.26	8.43	4.74	52.45	38.67	25.28	22.55	14.19	13.86
Kolkata	3.63	11.30	82.43	25.68	13.35	11.21	10.73	6.61	3.93	-1.88
Malda	-1.77	4.99	17.19	11.05	30.33	31.98	26.00	29.78	24.78	21.50
Purba Medinipur	5.48	4.97	13.99	5.28	29.26	26.89	22.39	23.57	14.87	15.32
Paschim Medinipur									15.76	14.44
Murshidabad	-8.99	11.96	19.69	4.61	33.46	28.57	25.49	28.20	23.76	21.07
Nadia	-8.26	1.48	16.42	36.15	49.81	29.91	33.29	29.95	19.54	12.24
North 24-Parganas	6.31	9.53	26.07	23.50	47.94	34.52	31.42	31.69	22.69	12.86
Puruliya	-5.98	16.91	11.95	7.43	16.33	17.86	15.65	20.00	14.02	15.43
South 24-Parganas	6.54	8.82	24.01	21.77	30.75	34.24	19.77	30.24	20.85	18.05
Dakshin Dinajpur	-12.13	7.23	11.92	17.03	25.73	37.09	28.04	24.39	22.15	11.16
Uttar Dinajpur									28.72	22.90

P : Provisional

Source: Census of India, 1911 – 2011



**Table I.5: Sex Ratio since 1911 for West Bengal and the Districts**

District	Sex-ratio ( Number of females per 1000 males )										
	1911	1921	1931	1941	1951	1961	1971	1981	1991	2001	2011(P)
<b>West Bengal</b>	<b>925</b>	<b>905</b>	<b>890</b>	<b>852</b>	<b>865</b>	<b>878</b>	<b>891</b>	<b>911</b>	<b>917</b>	<b>934</b>	<b>947</b>
Bankura	1024	1002	996	978	981	981	958	964	951	952	954
Bardhaman	997	965	934	893	888	858	886	897	899	922	943
Birbhum	1017	1004	1005	999	974	973	968	962	946	950	956
Darjiling	871	898	881	884	863	864	882	888	914	937	971
Haora	892	864	834	788	810	808	833	873	881	906	935
Hugli	959	921	879	864	883	892	896	909	917	947	958
Jalpaiguri	829	856	830	836	825	854	887	910	927	942	954
Koch Bihar	873	877	886	879	855	890	916	935	935	949	942
Kolkata	511	503	486	470	593	630	662	741	799	829	899
Malda	1004	991	989	983	966	965	948	949	938	948	939
Purba Medinipur	1000	991	975	955	955	952	945	951	944	947	936
Paschim Medinipur										961	960
Murshidabad	1022	1006	1005	990	973	974	956	959	943	952	957
Nadia	996	956	951	946	937	948	948	946	936	946	947
North 24-Parganas	881	855	849	826	846	834	862	891	907	926	949
Puruliya	1001	997	989	977	983	973	963	957	947	954	955
South 24-Parganas	894	871	866	846	861	921	917	927	929	937	949
Dakshin Dinajpur	920	929	923	910	884	932	941	946	944	951	954
Uttar Dinajpur										938	936

P : Provisional

Source: Census of India, 1911 – 2011

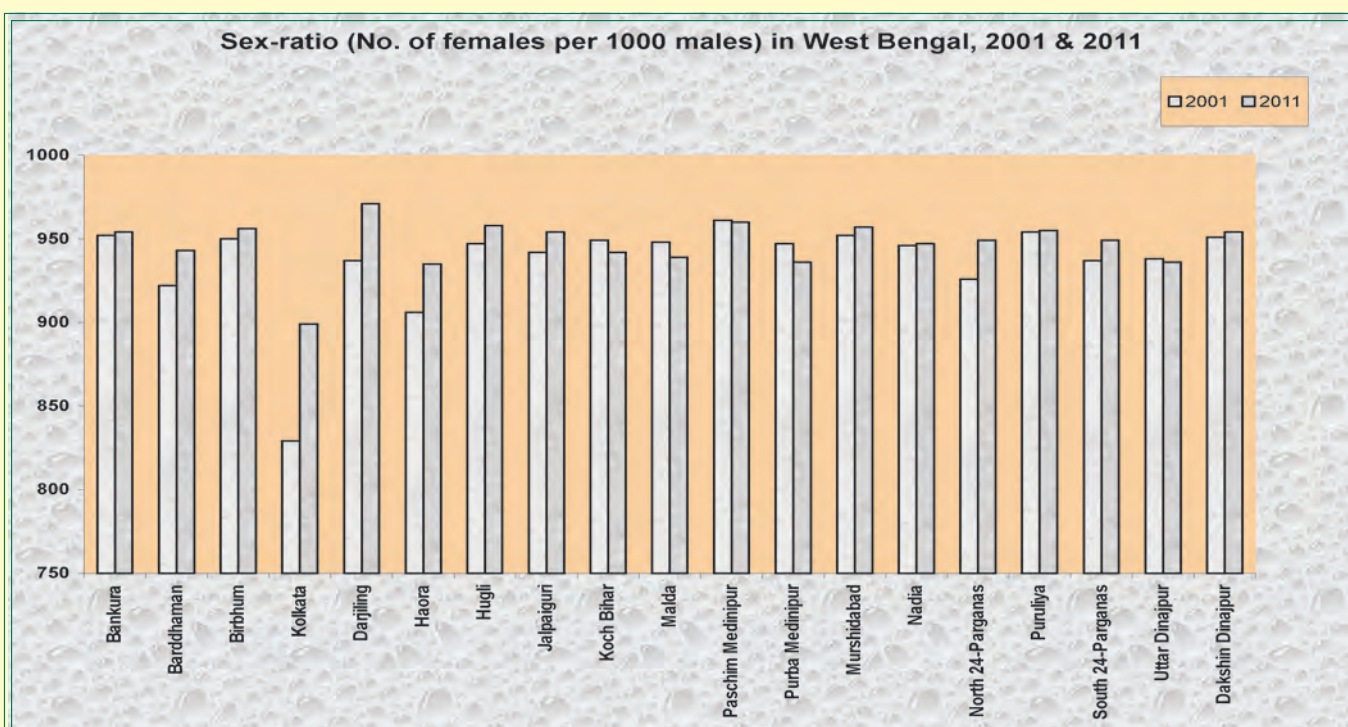


**Table. I.6 : Sex Ratio ( No. of females per 1000 males ) in West Bengal, 2001 & 2011  
by Rural and Urban Areas**

Sl. No.	District	2001			2011 (P)		
		Total	Rural	Urban	Total	Rural	Urban
1	Bankura	952	952	951	954	954	958
2	Bardhaman	922	942	888	943	953	928
3	Birbhum	950	950	950	956	955	962
4	Kolkata	829	0	829	899	0	899
5	Darjiling	937	956	899	971	968	974
6	Haora	906	958	858	935	949	927
7	Hugli	947	973	897	958	966	946
8	Jalpaiguri	942	944	933	954	954	955
9	Koch Bihar	949	947	964	942	938	974
10	Malda	948	948	947	939	947	893
11	Paschim Medinipur	961	963	945	960	959	967
12	Purba Medinipur	947	950	918	936	937	928
13	Murshidabad	952	950	971	957	953	973
14	Nadia	946	941	962	947	941	963
15	North 24-Parganas	926	942	912	949	944	953
16	Puruliya	954	958	920	955	958	936
17	South 24-Parganas	937	942	913	949	948	954
18	Uttar Dinajpur	938	945	893	936	938	918
19	Dakshin Dinajpur	951	950	958	954	950	977
	<b>WEST BENGAL</b>	<b>934</b>	<b>950</b>	<b>893</b>	<b>947</b>	<b>950</b>	<b>939</b>

P : Provisional

Source: Census of India.



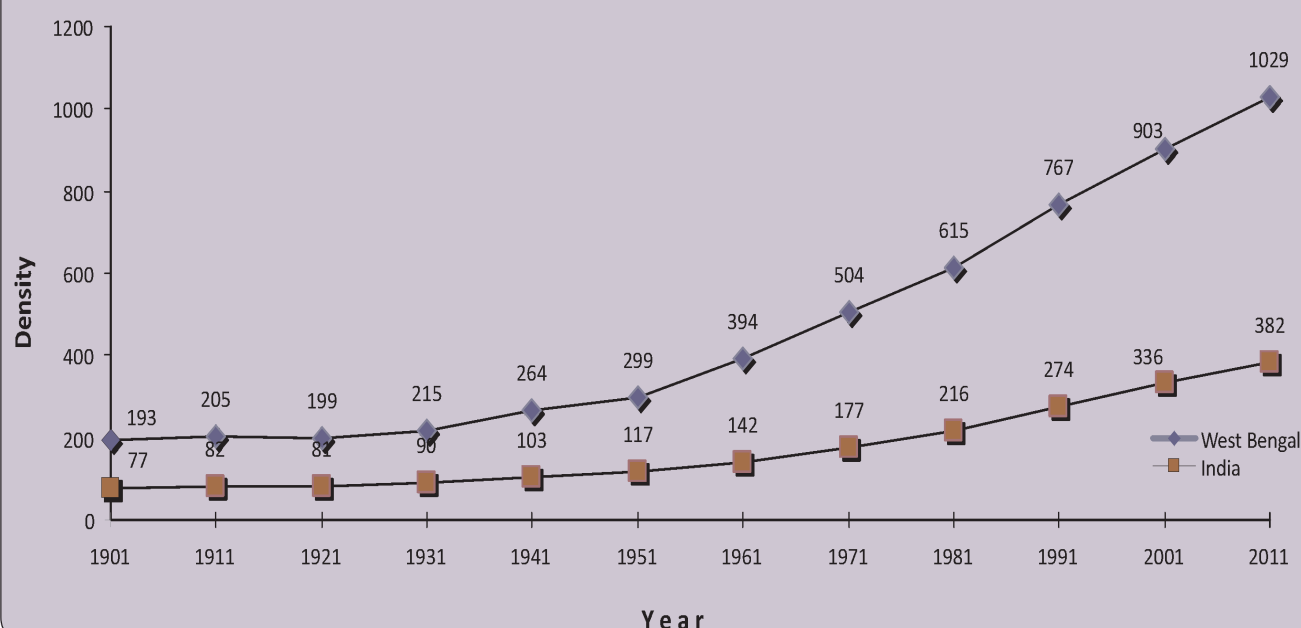
**Table I.7: Density of Population since 1911 for West Bengal and the Districts**

District	Density of Population per sq. km.										
	1911	1921	1931	1941	1951	1961	1971	1981	1991	2001	2011(P)
<b>West Bengal</b>	<b>205</b>	<b>199</b>	<b>215</b>	<b>264</b>	<b>299</b>	<b>394</b>	<b>504</b>	<b>615</b>	<b>767</b>	<b>903</b>	<b>1029</b>
Bankura	165	148	162	187	192	242	295	345	408	464	523
Bardhaman	218	204	224	269	312	439	557	688	861	982	1100
Birbhum	207	187	208	230	234	318	390	461	562	663	771
Darjiling	91	96	108	127	149	203	254	325	413	511	585
Haora	640	677	746	1011	1093	1383	1640	2022	2542	2913	3300
Hugli	355	352	363	450	510	709	913	1130	1383	1601	1753
Jalpaiguri	106	111	119	136	147	218	280	356	450	546	621
Koch Bihar	175	174	174	189	189	301	418	523	641	732	833
Kolkata	9774	10128	11205	20841	25947	28147	30276	22260	23783	24718	24252
Malda	188	185	194	227	553	329	434	544	706	881	1071
Purba Medinipur	} 206	194	204	232	245	316	401	479	592	933	1076
Paschim Medinipur										556	636
Murshidabad	252	229	257	307	321	429	550	695	890	1102	1334
Nadia	190	181	184	214	291	436	568	755	981	1173	1316
North 24-Parganas	} 178	190	208	262	323	455	615	1351	1779	2182	2463
South 24-Parganas								441	574	693	819
Puruliya	141	133	155	174	187	217	256	296	355	405	468
Dakshin Dinajpur	} 152	134	143	160	188	254	357	449	555	677	753
Uttar Dinajpur									604	778	956

P : Provisional

Source: Census of India.

**Density of Population - 1901-2011- India and West Bengal**



**Table I.8: Area and Population, West Bengal, 2011 Census (P)**

District	Area in sq. km.	Population			Density of population per sq. km.
		Male	Female	Total	
Bankura	6882	1840504	1755788	3596292	523
Bardhaman	7024	3975356	3748307	7723663	1100
Birbhum	4545	1791017	1711370	3502387	771
Darjiling	3149	934796	907238	1842034	585
Haora	1467	2502453	2339185	4841638	3300
Hugli	3149	2819100	2701289	5520389	1753
Jalpaiguri	6227	1980068	1889607	3869675	621
Koch Bihar	3387	1453590	1369190	2822780	833
Kolkata	185	2362662	2124017	4486679	24252
Malda	3733	2061593	1936377	3997970	1071
Purba Medinipur	4736	2631094	2463144	5094238	1076
Paschim Medinipur	9345	3032630	2910670	5943300	636
Murshidabad	5324	3629595	3472835	7102430	1334
Nadia	3927	2655056	2513432	5168488	1316
North 24-Parganas	4094	5172138	4910714	10082852	2463
Puruliya	6259	1497656	1430309	2927965	468
South 24-Parganas	9960	4182758	3970418	8153176	819
Dakshin Dinajpur	2219	855104	815827	1670931	753
Uttar Dinajpur	3140	1550219	1450630	3000849	956
<b>West Bengal</b>	<b>88752</b>	<b>46927389</b>	<b>44420347</b>	<b>91347736</b>	<b>1029</b>

P : Provisional

Source: Census of India, 2011

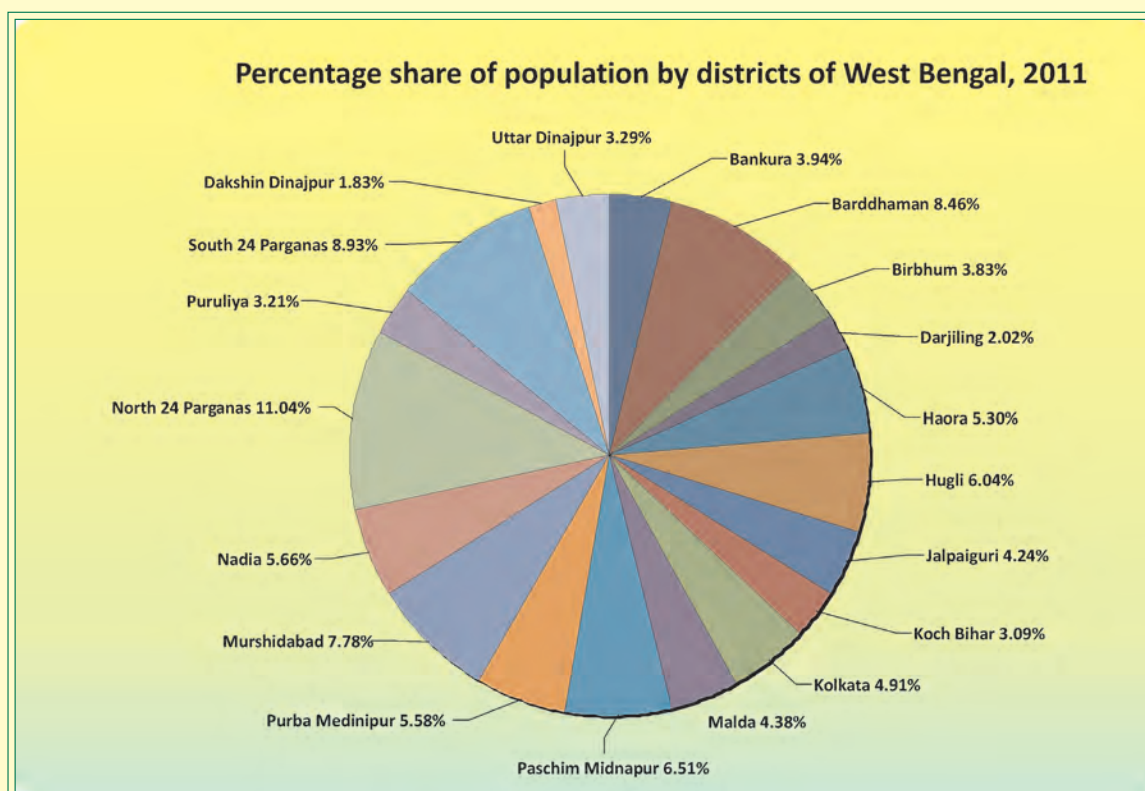


**Table I.9: Comparative Size of Population and Area, West Bengal, 2011 (P)**

District	Percentage share to the State Population	Percentage share to total land area of the State
Bankura	3.94	7.75
Bardhaman	8.46	7.91
Birbhum	3.83	5.12
Darjiling	2.02	3.55
Haora	5.30	1.65
Hugli	6.04	3.55
Jalpaiguri	4.24	7.02
Koch Bihar	3.09	3.82
Kolkata	4.91	0.21
Malda	4.38	4.21
Purba Medinipur	5.58	5.34
Paschim Medinipur	6.51	10.53
Murshidabad	7.78	6.00
Nadia	5.66	4.42
North 24-Parganas	11.04	4.61
Puruliya	3.21	7.05
South 24-Parganas	8.93	11.22
Dakshin Dinajpur	1.83	2.50
Uttar Dinajpur	3.29	3.54
<b>West Bengal</b>	<b>100.00</b>	<b>100.00</b>

P : Provisional

Source: Census of India, 2011





**Table I.10: Scheduled Caste and Scheduled Tribe Population by Districts of West Bengal, 2001 Census**

District	Scheduled Caste		Scheduled Tribe	
	Population	% of SC Population to Total Population	Population	% of ST Population to Total Population
Bankura	997408	31.2	330783	10.4
Bardhaman	1860754	27.0	441832	6.4
Birbhum	889894	29.5	203127	6.7
Dakshin Dinajpur	432660	28.8	242317	16.1
Darjiling	258881	16.1	204167	12.7
Haora	658707	15.4	19168	0.4
Hugli	1188881	23.6	212062	4.2
Jalpaiguri	1248577	36.7	641688	18.9
Koch Bihar	1242374	50.1	14246	0.6
Kolkata	274835	6.0	9810	0.2
Malda	554165	16.8	227047	6.9
Medinipur	1576337	16.4	798684	8.3
Murshidabad	703786	12.0	75953	1.3
Nadia	1365985	29.7	113891	2.5
North 24-Parganas	1840397	20.6	198936	2.2
Puruliya	463956	18.3	463452	18.3
South 24-Parganas	2218376	32.1	84766	1.2
Uttar Dinajpur	676582	27.7	124865	5.1
<b>West Bengal</b>	<b>18452555</b>	<b>23.0</b>	<b>4406794</b>	<b>5.5</b>

Source: Census of India, 2001, Final Population Totals

**Table I.11: District-wise Population of West Bengal by Rural and Urban Areas, 2011**

District	Population 2011 (P)			Percentage of Urban Population
	Total	Rural	Urban	
Bankura	3596292	3295613	300679	8.36
Bardhaman	7723663	4644079	3079584	39.87
Birbhum	3502387	3054019	448368	12.80
Kolkata	4486679	0	4486679	100.00
Darjiling	1842034	1123859	718175	38.99
Haora	4841638	1776970	3064668	63.30
Hugli	5520389	3388395	2131994	38.62
Jalpaiguri	3869675	2825001	1044674	27.00
Koch Bihar	2822780	2533480	289300	10.25
Malda	3997970	3446056	551914	13.80
Purba Medinipur	5094238	4500770	593468	11.65
Paschim Medinipur	5943300	5228308	714992	12.03
Murshidabad	7102430	5697224	1405206	19.78
Nadia	5168488	3730897	1437591	27.81
North 24-Parganas	10082852	4275724	5807128	57.59
Puruliya	2927965	2554584	373381	12.75
South 24-Parganas	8153176	6065179	2087997	25.61
Uttar Dinajpur	3000849	2638662	362187	12.07
Dakshin Dinajpur	1670931	1434856	236075	14.13
<b>West Bengal</b>	<b>91347736</b>	<b>62213676</b>	<b>29134060</b>	<b>31.89</b>

P : Provisional

Source: Census of India, 2011

**Table I.12: District-wise Break-up of Population by Sex in Rural and Urban Areas of West Bengal, 2011(P)**

District	Area	Person	Male	Female
West Bengal	Total	91347736	46927389	44420347
	Rural	62213676	31904144	30309532
	Urban	29134060	15023245	14110815
Darjiling	Total	1842034	934796	907238
	Rural	1123859	570997	552862
	Urban	718175	363799	354376
Jalpaiguri	Total	3869675	1980068	1889607
	Rural	2825001	1445791	1379210
	Urban	1044674	534277	510397
Koch Bihar	Total	2822780	1453590	1369190
	Rural	2533480	1306998	1226482
	Urban	289300	146592	142708
Uttar Dinajpur	Total	3000849	1550219	1450630
	Rural	2638662	1361342	1277320
	Urban	362187	188877	173310
Dakshin Dinajpur	Total	1670931	855104	815827
	Rural	1434856	735688	699168
	Urban	236075	119416	116659
Malda	Total	3997970	2061593	1936377
	Rural	3446056	1769978	1676078
	Urban	551914	291615	260299
Murshidabad	Total	7102430	3629595	3472835
	Rural	5697224	2917456	2779768
	Urban	1405206	712139	693067
Birbhum	Total	3502387	1791017	1711370
	Rural	3054019	1562479	1491540
	Urban	448368	228538	219830
Barddhaman	Total	7723663	3975356	3748307
	Rural	4644079	2378398	2265681
	Urban	3079584	1596958	1482626
Nadia	Total	5168488	2655056	2513432
	Rural	3730897	1922578	1808319
	Urban	1437591	732478	705113
North 24-Parganas	Total	10082852	5172138	4910714
	Rural	4275724	2199110	2076614
	Urban	5807128	2973028	2834100

Contd.....

**Table I.12: District-wise Break-up of Population by Sex in Rural and Urban Areas of West Bengal, 2011(P)- Concl'd.**

District	Area	Person	Male	Female
Hugli	Total	5520389	2819100	2701289
	Rural	3388395	1723414	1664981
	Urban	2131994	1095686	1036308
Bankura	Total	3596292	1840504	1755788
	Rural	3295613	1686978	1608635
	Urban	300679	153526	147153
Puruliya	Total	2927965	1497656	1430309
	Rural	2554584	1304820	1249764
	Urban	373381	192836	180545
Paschim Medinipur	Total	5943300	3032630	2910670
	Rural	5228308	2669136	2559172
	Urban	714992	363494	351498
Purba Medinipur	Total	5094238	2631094	2463144
	Rural	4500770	2323217	2177553
	Urban	593468	307877	285591
Haora	Total	4841638	2502453	2339185
	Rural	1776970	911800	865170
	Urban	3064668	1590653	1474015
Kolkata	Total	4486679	2362662	2124017
	Rural	0	0	0
	Urban	4486679	2362662	2124017
South 24-Parganas	Total	8153176	4182758	3970418
	Rural	6065179	3113964	2951215
	Urban	2087997	1068794	1019203

P : Provisional

Source:Census of India, 2011

**Table I.13: Some Selected Characteristics of Four Mega Cities in India, 2001**

Characteristics	Greater Mumbai UA	Kolkata UA	Delhi UA	Chennai UA
<b>1. Population (in million)</b>				
Person	16.43	13.21	12.88	6.56
Male	9.02	7.07	7.07	3.36
Female	7.41	6.14	5.81	3.20
<b>2. Average household size</b>	4.70	4.80	4.50	5.10
<b>3. Sex ratio (number of females per 1000 males)</b>	822	869	822	955
<b>4. Sex ratio (0-6 population)</b>	919	941	870	967
<b>5. Growth rate</b>				
(a) 1981-91	33.43	18.73	46.18	24.99
(b) 1991-01	30.40	19.87	52.97	22.65
<b>6. Literacy rate</b>				
Person	87.00	82.60	82.00	85.70
Male	91.50	86.50	87.40	90.60
Female	81.50	78.10	75.30	80.50

Source: Census of India, 2001

**Table I.14: Number of Towns and Villages according to Population Size in West Bengal**

Population Size Class	1971			1981			1991			2001		
	Villages	UAs	Towns	Villages	UAs	Towns	Villages	UAs	Towns	Villages	UAs	Towns
Below 500	18561	-	-	15923	-	1	13474	-	1	11830	-	-
500 - 999	9085	-	-	9396	-	2	9227	-	-	8933	-	-
1000 - 1999	6622	-	-	7538	-	1	8065	-	2	8492	-	-
2000 - 4999	3342	-	9	4383	-	18	5819	-	19	6819	-	28
5000 - 9999	412	-	59	702	-	75	1117	1	121	1527	-	128
10000 - 19999	52	-	60	82	7	80	190	7	96	354*	-	76
20000- 49999	-	4	49	-	6	52	17	10	64	-	2	56
50000 - 99999	-	7	31	-	10	38	1	7	35	-	3	29
100000 and above	-	2	15	-	9	24	0	13	44	-	16	58
<b>Total</b>	<b>38074</b>	<b>13</b>	<b>223</b>	<b>38024</b>	<b>32</b>	<b>291</b>	<b>37910</b>	<b>38</b>	<b>382</b>	<b>37955</b>	<b>21</b>	<b>375</b>

\* 10000 & above

Source: Census of India

UAs : Urban Agglomeration

Villages- Inhabited villages

**Table I.15: Percentage Distribution of Population by Age Group with Urban-Rural Break-up, West Bengal, 2001**

Age group	Total			Rural			Urban		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
0-4	9.50	4.83	4.67	7.59	3.86	3.73	1.91	0.97	0.93
5-9	11.84	6.05	5.79	9.38	4.78	4.60	2.46	1.27	1.19
10-14	11.90	6.13	5.77	9.04	4.65	4.39	2.86	1.48	1.38
15-19	9.52	5.08	4.45	6.81	3.65	3.16	2.71	1.43	1.28
20-24	8.81	4.45	4.36	6.20	3.08	3.12	2.62	1.38	1.24
25-29	8.80	4.35	4.45	6.22	3.04	3.18	2.58	1.31	1.26
30-34	7.79	4.02	3.77	5.45	2.80	2.66	2.34	1.22	1.11
35-39	7.51	3.93	3.58	5.17	2.71	2.46	2.34	1.22	1.12
40-44	5.73	3.18	2.55	3.85	2.12	1.73	1.89	1.06	0.82
45-49	4.94	2.71	2.24	3.27	1.77	1.51	1.67	0.94	0.73
50-54	3.57	1.94	1.63	2.32	1.22	1.10	1.25	0.72	0.53
55-59	2.83	1.49	1.34	1.88	0.95	0.93	0.95	0.54	0.41
60-64	2.44	1.20	1.24	1.65	0.78	0.87	0.79	0.42	0.37
65-69	1.83	0.88	0.96	1.23	0.57	0.66	0.60	0.31	0.30
70-74	1.33	0.66	0.67	0.89	0.43	0.46	0.44	0.23	0.21
75-79	0.67	0.34	0.33	0.44	0.22	0.22	0.23	0.12	0.11
80+	0.84	0.40	0.44	0.54	0.26	0.28	0.29	0.14	0.15
Age not stated	0.14	0.08	0.06	0.09	0.05	0.04	0.05	0.03	0.02
<b>All ages</b>	<b>100.00</b>	<b>51.72</b>	<b>48.28</b>	<b>72.03</b>	<b>36.94</b>	<b>35.09</b>	<b>27.97</b>	<b>14.78</b>	<b>13.19</b>

Source: Census of India, 2001

**Table I.16: 0-6 Population by Sex in West Bengal and the Districts, 2011 Census (P)**

District	0-6 Population, 2011			Percentage of 0-6 Population to total Population	Percentage of 0-6 Population to total Population
	Person	Male	Female	2001	2011
<b>WEST BENGAL</b>	<b>10112599</b>	<b>5187264</b>	<b>4925335</b>	<b>14.24</b>	<b>11.07</b>
Bankura	405401	208632	196769	14.37	11.27
Bardhaman	788582	405057	383525	13.10	10.21
Birbhum	433186	221877	211309	16.19	12.37
Darjiling	180170	92728	87442	12.72	9.78
Haora	497476	253337	244139	12.01	10.27
Hugli	504660	259277	245383	11.96	9.14
Jalpaiguri	445025	228381	216644	15.33	11.50
Koch Bihar	332355	170598	161757	15.62	11.77
Kolkata	300052	155475	144577	8.53	6.69
Malda	590237	303540	286697	19.45	14.76
Purba Medinipur	565759	291899	273860	14.23	11.11
Paschim Medinipur	663134	339781	323353	14.48	11.16
Murshidabad	979665	499040	480625	17.80	13.79
Nadia	505995	258853	247142	13.17	9.79
North 24-Parganas	902644	463502	439142	11.80	8.95
Puruliya	393562	202165	191397	16.12	13.44
South 24-Parganas	976351	500011	476340	15.20	11.98
Dakshin Dinajpur	178374	91564	86810	16.37	10.68
Uttar Dinajpur	469971	241547	228424	21.02	15.66

P : Provisional

Source: Census of India, 2001 & 2011

**Table I.17: Sex Ratio (No. of females per 1000 males) for Total Population and for Scheduled Caste and Scheduled Tribe Population by Area of Residence, West Bengal, 2001**

Area	Sex Ratio for			
	Total Population	Scheduled Caste Population	Scheduled Tribe Population	Non Scheduled Caste/Scheduled Tribe Population
<b>Total</b>	<b>934</b>	<b>949</b>	<b>982</b>	<b>925</b>
Rural	950	953	984	945
Urban	893	928	950	887

Source: Final Population Totals, Series-I, 2001 Census

**Table I.18 : Distribution of Total Population, Disabled Population and Percentage of Disabled Population to Total Population by Residence and Sex for India and West Bengal-2001**

India/West Bengal	Sex	Population 2001 (Number)			Disabled population 2001 (Number)			Percentage of disabled population to total population		
		Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
India	Person	1028610328	742490639	286119689	21906769	16388382	5518387	2.13	2.21	1.93
	Male	532156772	381602674	150554098	12605635	9410185	3195450	2.37	2.47	2.12
	Female	496453556	360887965	135565591	9301134	6978197	2322937	1.87	1.93	1.71
West Bengal	Person	80176197	57748946	22427251	1847174	1354253	492921	2.30	2.35	2.20
	Male	41465985	29616009	11849976	1058685	774521	284164	2.55	2.62	2.40
	Female	38710212	28132937	10577275	788489	579732	208757	2.04	2.06	1.97
Darjiling	Person	1609172	1088740	520432	56982	43881	13101	3.54	4.03	2.52
	Male	830644	556633	274011	31258	23891	7367	3.76	4.29	2.69
	Female	778528	532107	246421	25724	19990	5734	3.30	3.76	2.33
Jalpaiguri	Person	3401173	2794291	606882	84236	71230	13006	2.48	2.55	2.14
	Male	1751145	1437156	313989	47126	39655	7471	2.69	2.76	2.38
	Female	1650028	1357135	292893	37110	31575	5535	2.25	2.33	1.89
Koch Bihar	Person	2479155	2253537	225618	65954	58131	7823	2.66	2.58	3.47
	Male	1272094	1157241	114853	37811	33406	4405	2.97	2.89	3.84
	Female	1207061	1096296	110765	28143	24725	3418	2.33	2.26	3.09
Uttar Dinajpur	Person	2441794	2147351	294443	40900	36750	4150	1.67	1.71	1.41
	Male	1259737	1104224	155513	22987	20631	2356	1.82	1.87	1.51
	Female	1182057	1043127	138930	17913	16119	1794	1.52	1.55	1.29
Dakshin Dinajpur	Person	1503178	1306324	196854	30450	26221	4229	2.03	2.01	2.15
	Male	770335	669796	100539	16701	14386	2315	2.17	2.15	2.30
	Female	732843	636528	96315	13749	11835	1914	1.88	1.86	1.99
Malda	Person	3290468	3049528	240940	61379	56822	4557	1.87	1.86	1.89
	Male	1689406	1565654	123752	34646	32086	2560	2.05	2.05	2.07
	Female	1601062	1483874	117188	26733	24736	1997	1.67	1.67	1.70
Murshidabad	Person	5866569	5133835	732734	156305	136706	19599	2.66	2.66	2.67
	Male	3005000	2633196	371804	89278	78294	10984	2.97	2.97	2.95
	Female	2861569	2500639	360930	67027	58412	8615	2.34	2.34	2.39
Birbhum	Person	3015422	2757002	258420	59855	55059	4796	1.98	2.00	1.86
	Male	1546633	1414097	132536	35127	32306	2821	2.27	2.28	2.13
	Female	1468789	1342905	125884	24728	22753	1975	1.68	1.69	1.57
Bardhaman	Person	6895514	4348466	2547048	147597	98087	49510	2.14	2.26	1.94
	Male	3588376	2239187	1349189	86299	57150	29149	2.40	2.55	2.16
	Female	3307138	2109279	1197859	61298	40937	20361	1.85	1.94	1.70
Nadia	Person	4604827	3625308	979519	108631	84803	23828	2.36	2.34	2.43
	Male	2366853	1867682	499171	61780	48436	13344	2.61	2.59	2.67
	Female	2237974	1757626	480348	46851	36367	10484	2.09	2.07	2.18

Contd I.18.....

**Table I.18 : Distribution of Total Population, Disabled Population and Percentage of Disabled Population to Total Population by Residence and Sex for India and West Bengal-2001 -concl'd.**

India/West Bengal	Sex	Population 2001 (Number)			Disabled population 2001 (Number)			Percentage of disabled population to total population		
		Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
North 24- Parganas	Person	8934286	4083339	4850947	201594	96390	105204	2.26	2.36	2.17
	Male	4638756	2102208	2536548	113524	54336	59188	2.45	2.58	2.33
	Female	4295530	1981131	2314399	88070	42054	46016	2.05	2.12	1.99
Hugli	Person	5041976	3354227	1687749	110540	73847	36693	2.19	2.20	2.17
	Male	2589625	1699831	889794	63544	42449	21095	2.45	2.50	2.37
	Female	2452351	1654396	797955	46996	31398	15598	1.92	1.90	1.95
Bankura	Person	3192695	2957447	235248	68737	64588	4149	2.15	2.18	1.76
	Male	1636002	1515450	120552	39394	37000	2394	2.41	2.44	1.99
	Female	1556693	1441997	114696	29343	27588	1755	1.88	1.91	1.53
Puruliya	Person	2536516	2281090	255426	58721	53292	5429	2.32	2.34	2.13
	Male	1298078	1165054	133024	33996	30779	3217	2.62	2.64	2.42
	Female	1238438	1116036	122402	24725	22513	2212	2.00	2.02	1.81
Medinipur	Person	9610788	8626883	983905	229357	209335	20022	2.39	2.43	2.03
	Male	4916370	4407920	508450	131487	119976	11511	2.67	2.72	2.26
	Female	4694418	4218963	475455	97870	89359	8511	2.08	2.12	1.79
Haora	Person	4273099	2121109	2151990	96402	49661	46741	2.26	2.34	2.17
	Male	2241898	1083410	1158488	56710	28794	27916	2.53	2.66	2.41
	Female	2031201	1037699	993502	39692	20867	18825	1.95	2.01	1.89
Kolkata	Person	4572876	0.00	4572876	107818	0.00	107818	2.36	0.00	2.36
	Male	2500040	0.00	2500040	63305	0.00	63305	2.53	0.00	2.53
	Female	2072836	0.00	2072836	44513	0.00	44513	2.15	0.00	2.15
South 24- Parganas	Person	6906689	5820469	1086220	161716	139450	22266	2.34	2.40	2.05
	Male	3564993	2997270	567723	93712	80946	12766	2.63	2.70	2.25
	Female	3341696	2823199	518497	68004	58504	9500	2.04	2.07	1.83

Source : Census of India, 2001

N.B. : Figures of India exclude figures of Mao Maram, Paomata and Purul sub-divisions of Senapati district of Manipur.



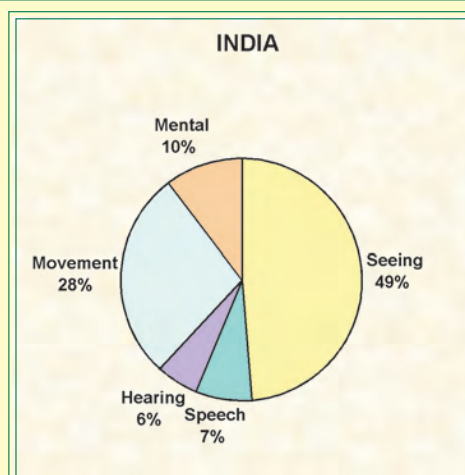
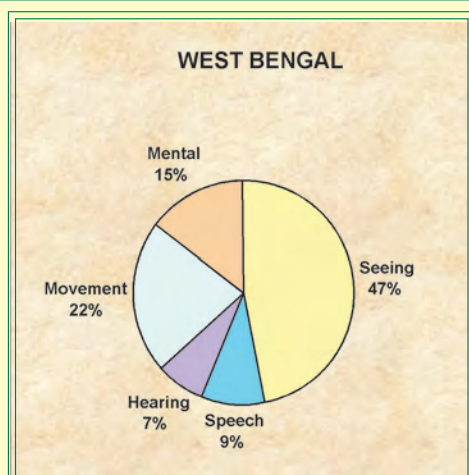
**Table I.19 : Disabled Population in Districts of West Bengal by Type of Disability, 2001**

District	Disabled population in				
	Seeing	Speech	Hearing	Movement	Mentally disabled
Darjiling	34185	6534	5164	6098	5001
Jalpaiguri	43951	10599	6457	12882	10347
Koch Bihar	34757	6697	5424	11828	7248
Uttar Dinajpur	17784	4764	3651	10409	4292
Dakshin Dinajpur	14565	2751	1759	6626	4749
Malda	25117	6586	4674	15342	9660
Murshidabad	85080	12509	8114	32094	18508
Birbhum	19685	6436	5286	19642	8806
Barddhaman	71387	12517	7889	33778	22026
Nadia	50640	9237	7875	26054	14825
North 24-Parganas	97983	16128	12407	39844	35232
Hugli	51502	9902	6169	25142	17825
Bankura	24523	7407	7114	19970	9723
Puruliya	25750	5829	6613	13642	6887
Medinipur	88270	23453	21966	62236	33432
Haora	44909	8530	4896	22008	16059
Kolkata	57790	6601	3794	17423	22210
South 24-Parganas	74195	13542	12327	37640	24012
<b>West Bengal</b>	<b>862073</b>	<b>170022</b>	<b>131579</b>	<b>412658</b>	<b>270842</b>
<b>India</b>	<b>10634881</b>	<b>1640868</b>	<b>1261722</b>	<b>6105477</b>	<b>2263821</b>

Source : Census of India, 2001

**Table I.20: Percentage of Disabled Population by Type of Disability to Total Disabled Population - India and West Bengal, 2001**

India / West Bengal	Seeing	Speech	Hearing	Movement	Mental
India	48.55	7.49	5.76	27.87	10.33
West Bengal	46.67	9.20	7.12	22.34	14.66



**Table I.21 : Ranking of Districts by Population Size in 2001 and 2011 in West Bengal**

Rank in 2011	District	Population 2011	Percentage Share to total population of the State, 2011	Population 2001	Percentage Share to total population of the State, 2001	Rank in 2001
	<b>West Bengal</b>	<b>91,347,736</b>	<b>100.00</b>	<b>80,176,197</b>	<b>100.00</b>	
1	North 24-Parganas	10,082,852	11.04	8,934,286	11.14	1
2	South 24-Parganas	8,153,176	8.93	6,906,689	8.61	2
3	Bardhaman	7,723,663	8.46	6,895,514	8.60	3
4	Murshidabad	7,102,430	7.78	5,866,569	7.32	4
5	Paschim Medinipur*	5,943,300	6.51	5,193,411	6.48	5
6	Hugli	5,520,389	6.04	5,041,976	6.29	6
7	Nadia	5,168,488	5.66	4,604,827	5.74	7
8	Purba Medinipur*	5,094,238	5.58	4,417,377	5.51	9
9	Haora	4,841,638	5.30	4,273,099	5.33	10
10	Kolkata	4,486,679	4.91	4,572,876	5.70	8
11	Malda	3,997,970	4.38	3,290,468	4.10	12
12	Jalpaiguri	3,869,675	4.24	3,401,173	4.24	11
13	Bankura	3,596,292	3.94	3,192,695	3.98	13
14	Birbhum	3,502,387	3.83	3,015,422	3.76	14
15	Uttar Dinajpur	3,000,849	3.29	2,441,794	3.05	17
16	Puruliya	2,927,965	3.21	2,536,516	3.16	15
17	Koch Bihar	2,822,780	3.09	2,479,155	3.09	16
18	Darjiling	1,842,034	2.02	1,609,172	2.01	18
19	Dakshin Dinajpur	1,670,931	1.83	1,503,178	1.87	19

\* Figures of Paschim Medinipur & Purba Medinipur for 2001 have been recast as erstwhile Medinipur divided into two districts after 2001 Census. Ranking of Districts for 2001 marginally changed accordingly.

**Table I.22 : Ranking of Districts by Sex Ratio in 2001 and 2011 in West Bengal**

Rank in 2011	District	Sex Ratio (Number of females per 1000 males)		Rank in 2001
		2011	2001	
	<b>West Bengal</b>	<b>947</b>	<b>934</b>	
1	Darjiling	971	937	12
2	Paschim Medinipur*	960	961	1
3	Hugli	958	947	8
4	Murshidabad	957	952	3
5	Birbhum	956	950	5
6	Puruliya	955	954	2
7	Jalpaiguri	954	942	10
7	Dakshin Dinajpur	954	951	4
7	Bankura	954	952	3
8	North 24-Parganas	949	926	13
8	South 24-Parganas	949	937	12
9	Nadia	947	946	9
10	Bardhaman	943	922	14
11	Koch Bihar	942	949	6
12	Malda	939	948	7
13	Purba Medinipur*	936	947	8
13	Uttar Dinajpur	936	938	11
14	Haora	935	906	15
15	Kolkata	899	829	16

\* Figures of Paschim Medinipur & Purba Medinipur for 2001 have been recast as erstwhile Medinipur divided into two districts after 2001 Census. Ranking of Districts for 2001 marginally changed accordingly.

**Table I.23 : Ranking of Districts by Population Density in 2001 and 2011 in West Bengal**

Rank in 2011	District	Population Density (per sq.km.)		Rank in 2001
		2011	2001	
	<b>West Bengal</b>	<b>1029</b>	<b>903</b>	
1	Kolkata	24252	24718	1
2	Haora	3300	2913	2
3	North 24- Parganas	2463	2182	3
4	Hugli	1753	1601	4
5	Murshidabad	1334	1102	6
6	Nadia	1316	1173	5
7	Bardhaman	1100	982	7
8	Purba Medinipur*	1076	933	8
9	Malda	1071	881	9
10	Uttar Dinajpur	956	778	10
11	Koch Bihar	833	732	11
12	South 24-Parganas	819	693	12
13	Birbhum	771	663	14
14	Dakshin Dinajpur	753	677	13
15	Paschim Medinipur*	636	556	15
16	Jalpaiguri	621	546	16
17	Darjiling	585	511	17
18	Bankura	523	464	18
19	Puruliya	468	405	19

\* Figures of Paschim Medinipur & Purba Medinipur for 2001 have been recast as erstwhile Medinipur divided into two districts after 2001 Census. Ranking of Districts for 2001 marginally changed accordingly.

**Table I.24 : Ranking of Districts by Literacy Rate in 2001 and 2011 in West Bengal**

Rank in 2011	District	Literates 2011	Literates 2001	Literacy Rate (%) (Excluding 0-6 age group) 2011	Literacy Rate (%) (Excluding 0-6 age group) 2001	Rank in 2001
	<b>West Bengal</b>	<b>62614556</b>	<b>47196401</b>	<b>77.08</b>	<b>68.64</b>	
1	Purba Medinipur*	3969750	3037106	87.66	80.16	2
2	Kolkata	3648210	3382103	87.14	80.86	1
3	North 24-Parganas	7798722	6151527	84.95	78.07	3
4	Haora	3642617	2895625	83.85	77.01	4
5	Hugli	4140487	3333988	82.55	75.11	5
6	Darjiling	1328218	1008288	79.92	71.79	6
7	Paschim Medinipur*	4173522	3127210	79.04	70.41	7
8	South 24-Parganas	5639112	4067343	78.57	69.45	9
9	Bardhaman	5350197	4205146	77.15	70.18	8
10	Nadia	3524073	2644461	75.58	66.14	11
11	Koch Bihar	1879984	1386965	75.49	66.30	10
12	Dakshin Dinajpur	1102355	799479	73.86	63.59	12
13	Jalpaiguri	2527018	1810083	73.79	62.85	14
14	Bankura	2264013	1734222	70.95	63.44	13
15	Birbhum	2175923	1553852	70.90	61.48	15
16	Murshidabad	4134584	2620538	67.53	54.35	17
17	Puruliya	1656940	1182284	65.38	55.57	16
18	Malda	2136898	1332704	62.71	50.28	18
19	Uttar Dinajpur	1521933	923477	60.13	47.89	19

\* Figures of Paschim Medinipur & Purba Medinipur for 2001 have been recast as erstwhile Medinipur divided into two districts after 2001 Census. Ranking of Districts for 2001 marginally changed accordingly.



## Chapter – II

# VITAL STATISTICS

---

---



**Table II.1: Estimated Birth Rate, Death Rate and Infant Mortality Rate for West Bengal : 1984 - 2011**

Year	Birth Rate			Death Rate			Infant Mortality Rate		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
1984	34.3	20.5	30.4	12.0	7.5	10.7	88	55	82
1985	33.0	20.5	29.4	10.7	6.8	9.6	80	46	74
1986	33.5	20.1	29.7	9.6	6.9	8.8	75	55	71
1987	34.6	20.9	30.7	9.7	6.5	8.8	77	43	71
1988	32.1	19.1	28.4	9.4	5.9	8.4	76	43	69
1989	30.7	18.4	27.2	9.5	7.0	8.8	83	53	77
1990	32.0	18.6	28.2	9.0	7.0	8.4	68	41	63
1991	30.3	18.5	27.0	8.9	6.7	8.3	76	47	71
1992	28.0	16.4	24.8	9.1	6.6	8.4	71	38	65
1993	28.6	18.2	25.7	8.5	4.4	7.4	64	33	58
1994	28.1	17.6	25.2	8.8	7.1	8.3	64	52	62
1995	26.1	16.8	23.6	8.1	7.2	7.9	61	45	58
1996	25.3	16.0	22.8	8.0	7.2	7.8	58	44	55
1997	24.8	15.9	22.4	7.9	7.2	7.7	58	43	55
1998	23.4	15.2	21.3	7.7	7.1	7.5	56	41	53
1999	22.9	14.3	20.7	7.2	6.8	7.1	55	40	52
2000	23.0	14.1	20.7	7.2	6.7	7.0	54	37	51
2001	22.9	13.8	20.6	7.2	6.4	7.0	54	37	51
2002	22.6	14.1	20.5	6.9	6.4	6.7	52	36	49
2003	22.4	14.0	20.3	6.8	6.2	6.6	48	34	46
2004	21.8	12.9	19.3	6.4	6.0	6.3	42	32	40
2005	21.2	12.6	18.8	6.3	6.6	6.4	40	31	38
2006	20.7	12.3	18.4	6.2	6.3	6.2	40	29	38
2007	19.8	12.7	17.9	6.3	6.4	6.3	39	29	37
2008	19.4	12.4	17.5	6.1	6.6	6.2	37	29	35
2009	19.1	12.1	17.2	6.1	6.4	6.2	34	27	33
2010	18.6	11.9	16.8	6.0	6.3	6.0	32	25	31
2011	18.1	11.5	16.3	6.1	6.5	6.2	33	26	32

Source: Sample Registration System

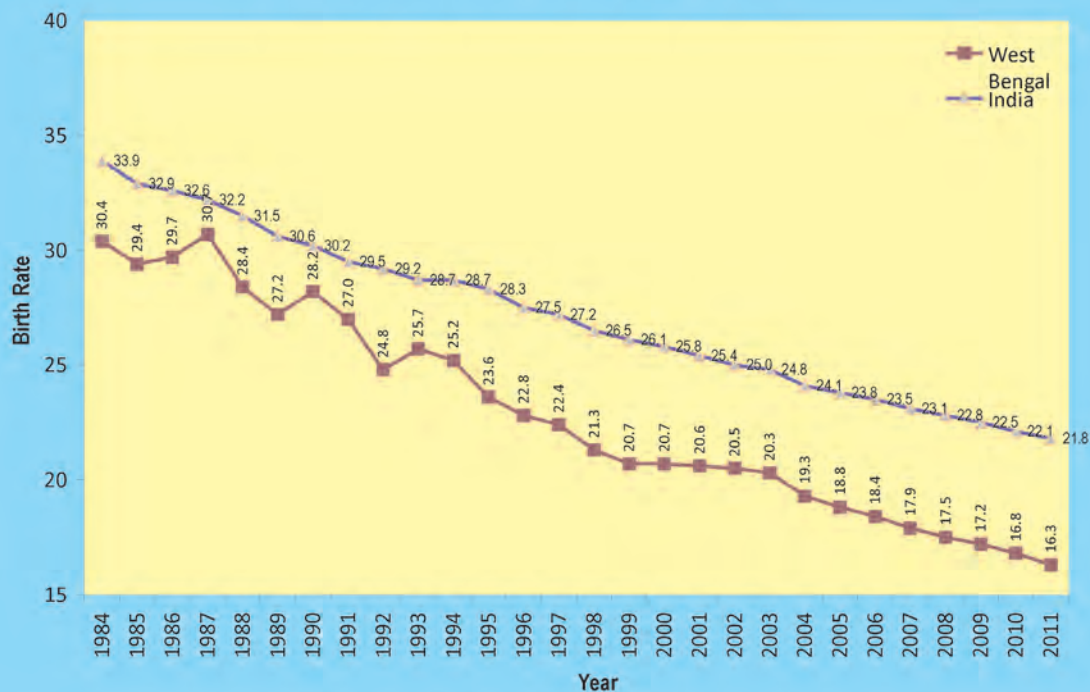


**Table II.2 : Estimated Birth Rate, Death Rate and Infant Mortality Rate for West Bengal and India: 1984 - 2011**

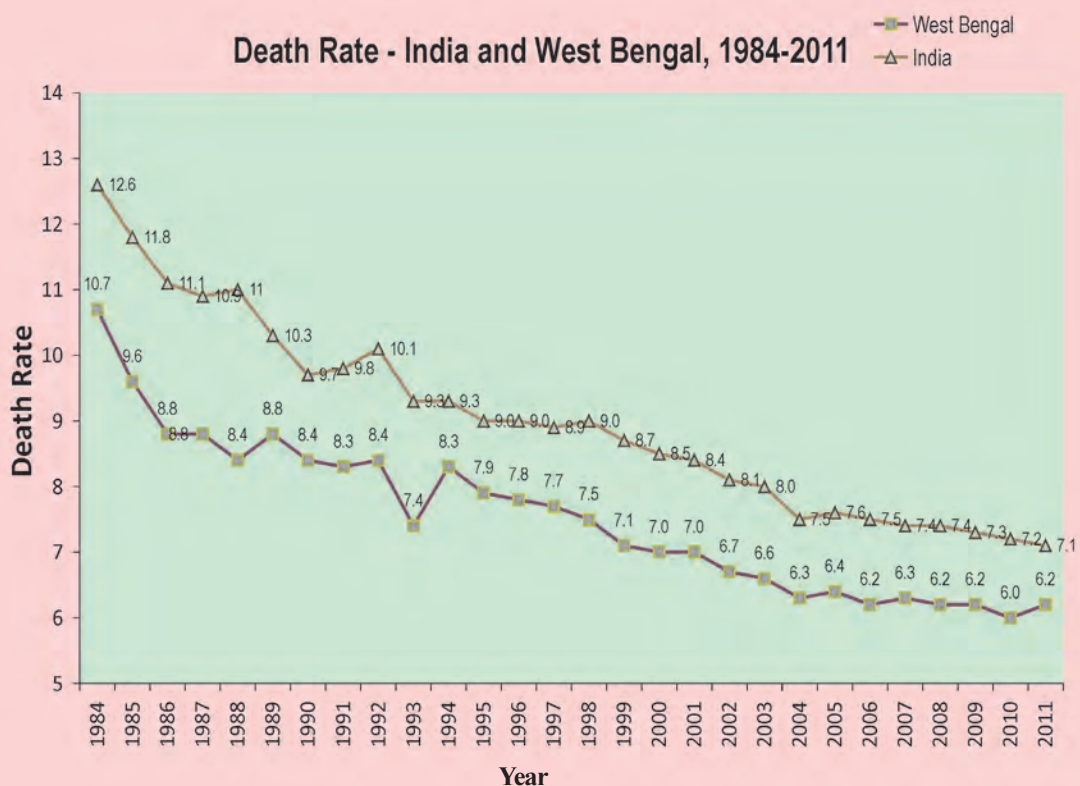
Year	Birth Rate		Death Rate		Infant Mortality Rate	
	West Bengal	India	West Bengal	India	West Bengal	India
1984	30.4	33.9	10.7	12.6	82	104
1985	29.4	32.9	9.6	11.8	74	97
1986	29.7	32.6	8.8	11.1	71	96
1987	30.7	32.2	8.8	10.9	71	95
1988	28.4	31.5	8.4	11.0	69	94
1989	27.2	30.6	8.8	10.3	77	91
1990	28.2	30.2	8.4	9.7	63	80
1991	27.0	29.5	8.3	9.8	71	80
1992	24.8	29.2	8.4	10.1	65	79
1993	25.7	28.7	7.4	9.3	58	74
1994	25.2	28.7	8.3	9.3	62	74
1995	23.6	28.3	7.9	9.0	58	74
1996	22.8	27.5	7.8	9.0	55	72
1997	22.4	27.2	7.7	8.9	55	71
1998	21.3	26.5	7.5	9.0	53	72
1999	20.7	26.1	7.1	8.7	52	70
2000	20.7	25.8	7.0	8.5	51	68
2001	20.6	25.4	7.0	8.4	51	66
2002	20.5	25.0	6.7	8.1	49	63
2003	20.3	24.8	6.6	8.0	46	60
2004	19.3	24.1	6.3	7.5	40	58
2005	18.8	23.8	6.4	7.6	38	58
2006	18.4	23.5	6.2	7.5	38	57
2007	17.9	23.1	6.3	7.4	37	55
2008	17.5	22.8	6.2	7.4	35	53
2009	17.2	22.5	6.2	7.3	33	50
2010	16.8	22.1	6.0	7.2	31	47
2011	16.3	21.8	6.2	7.1	32	44

Source: Sample Registration System

## Birth Rate - India and West Bengal, 1984-2011



## Death Rate - India and West Bengal, 1984-2011



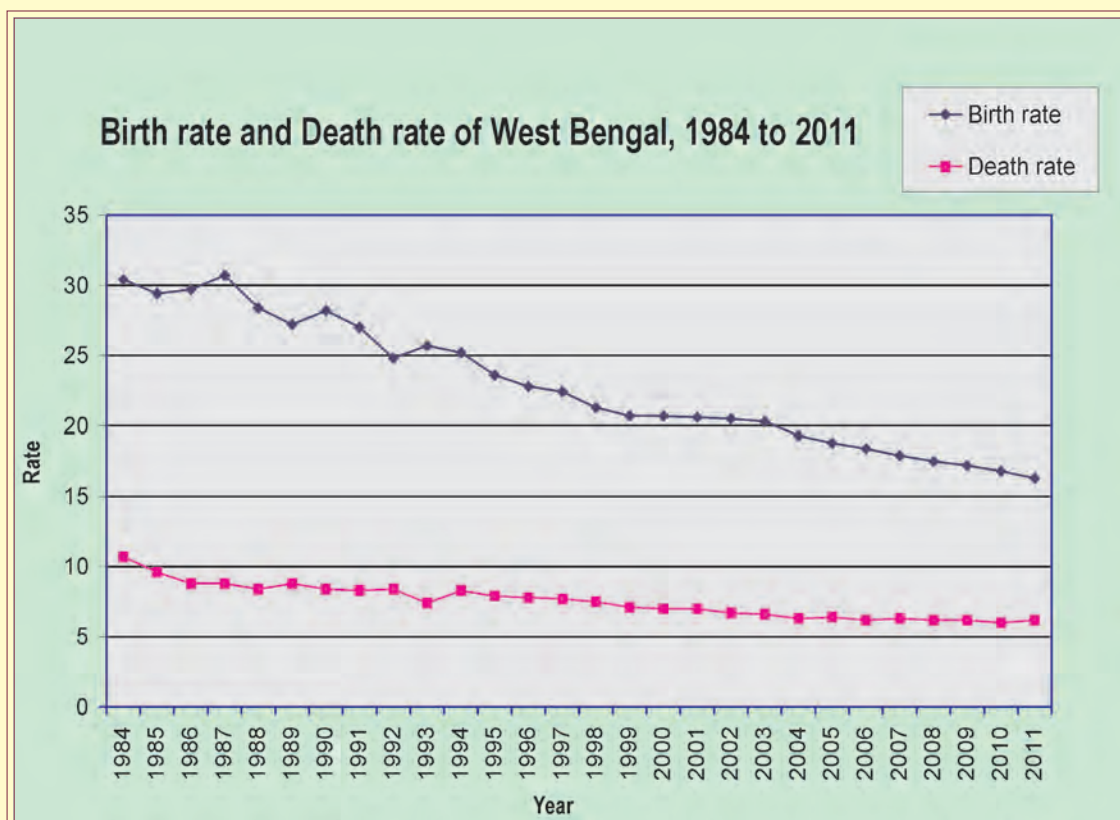
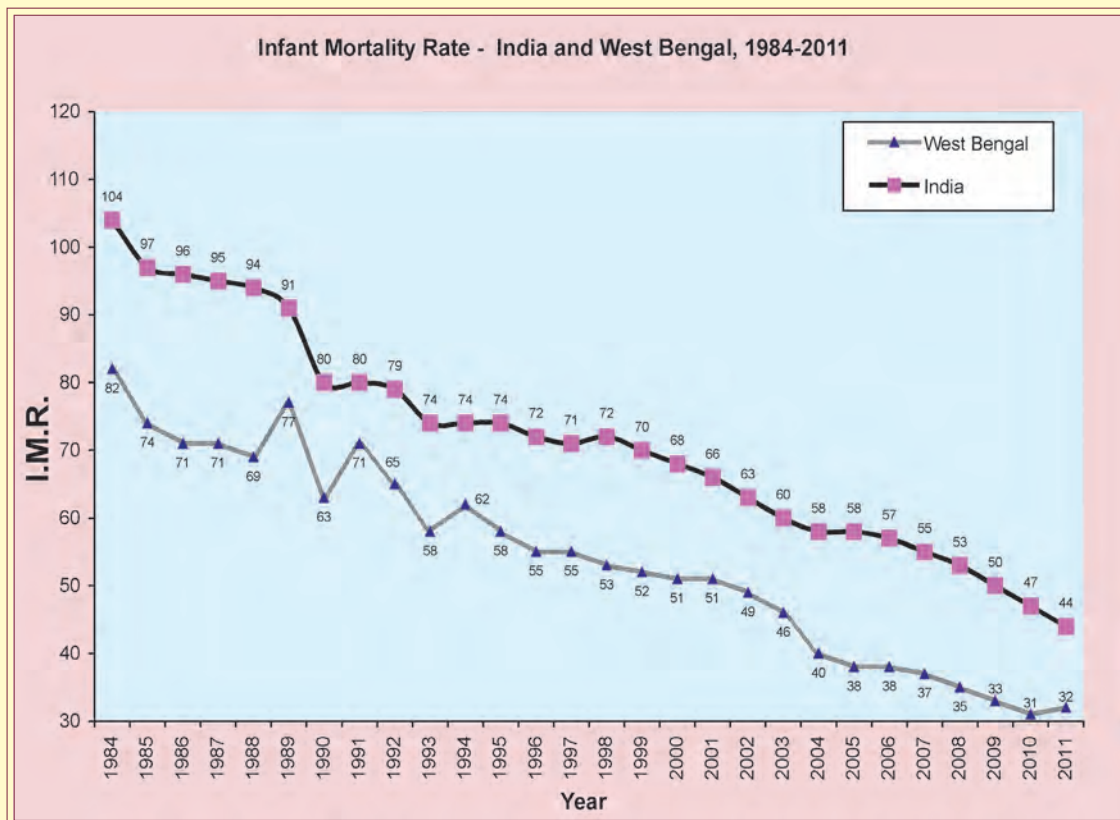


Table II.3: Fertility Indicators of West Bengal

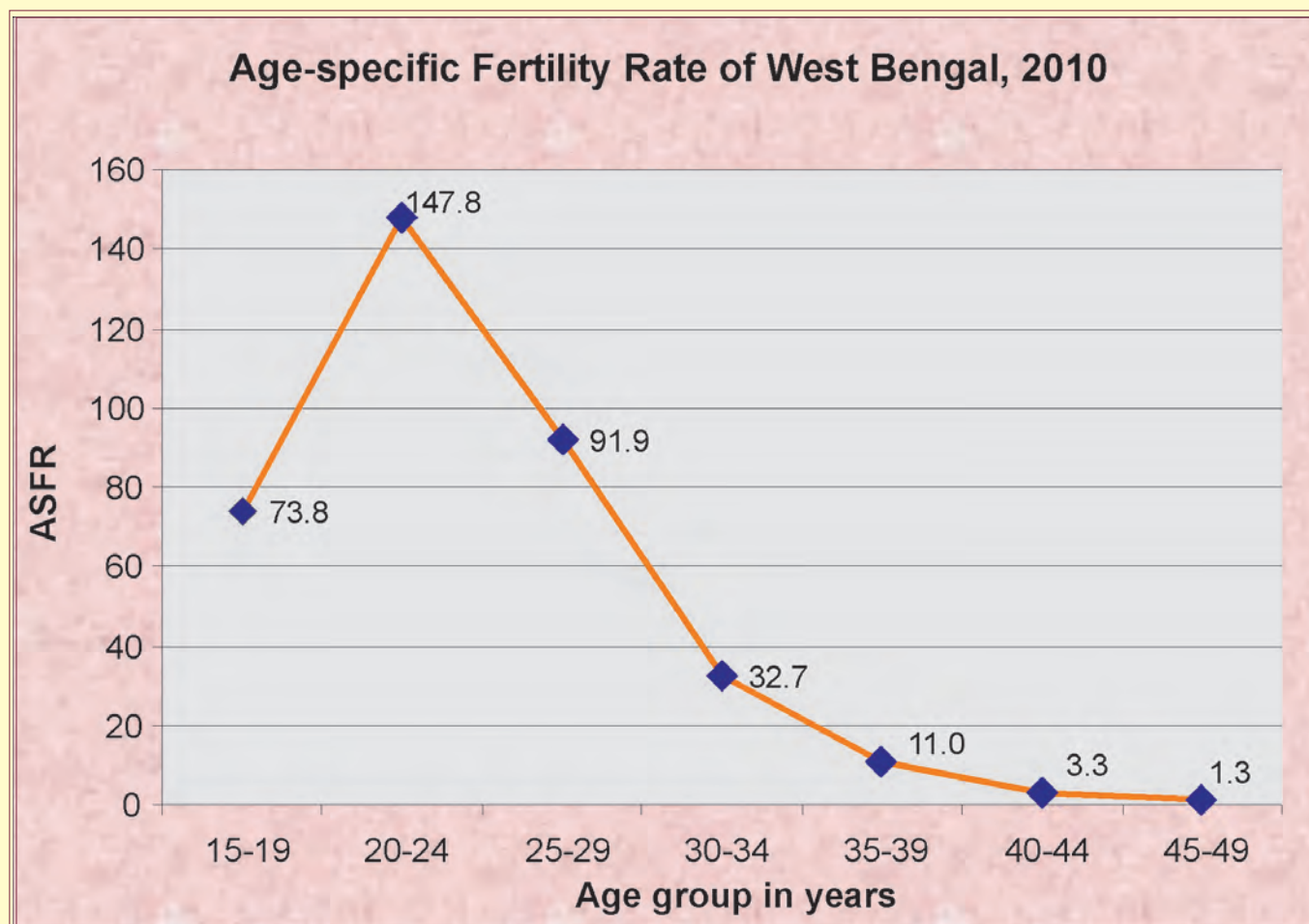
Indicator	Year	Rural	Urban	Combined
Crude Birth Rate	2003	22.4	14.0	20.3
	2005	21.2	12.6	18.8
	2006	20.7	12.3	18.4
	2007	19.8	12.7	17.9
	2008	19.4	12.4	17.5
	2009	19.1	12.1	17.2
	2010	18.6	11.9	16.8
	2011	18.1	11.5	16.3
General Fertility Rate	2003	81.7	49.7	73.5
	2005	83.6	46.1	72.7
	2006	79.9	44.4	69.7
	2007	74.6	45.3	66.3
	2008	72.8	43.9	64.5
	2009	71.2	43.1	63.3
	2010	68.3	41.8	60.8
Total Fertility Rate	2003	2.5	1.6	2.3
	2005	2.4	1.4	2.1
	2006	2.2	1.3	2.0
	2007	2.1	1.4	1.9
	2008	2.1	1.3	1.9
	2009	2.1	1.3	1.9
	2010	2.0	1.3	1.8
Gross Reproduction Rate	2003	1.2	0.7	1.1
	2005	1.1	0.7	1.0
	2006	1.1	0.7	1.0
	2007	1.1	0.7	1.0
	2008	1.0	0.6	0.9
	2009	1.0	0.7	0.9
	2010	0.9	0.6	0.9
General Marital Fertility Rate	2003	111.5	73.8	102.4
	2005	108.3	66.3	96.9
	2006	104.3	63.9	93.5
	2007	97.9	65.1	89.2
	2008	94.4	62.5	85.9
	2009	92.8	61.5	84.6
	2010	89.1	59.7	81.4
Total Marital Fertility Rate	2003	4.2	3.7	4.1
	2005	3.7	2.9	3.5
	2006	3.7	2.9	3.5
	2007	3.6	3.2	3.5
	2008	3.5	3.0	3.4
	2009	3.5	3.0	3.4
	2010	3.5	3.2	3.5

Source : Sample Registration System

**Table II.4: Estimated Age-specific Fertility Rates of West Bengal, 2010**

Age Group	Age-specific Fertility Rate		
	Total	Rural	Urban
15-19	73.8	83.7	42.1
20-24	147.8	164.8	99.4
25-29	91.9	95.4	82.9
30-34	32.7	33.6	30.3
35-39	11.0	12.5	7.6
40-44	3.3	4.1	1.4
45-49	1.3	1.8	0.2

Source : Sample Registration System

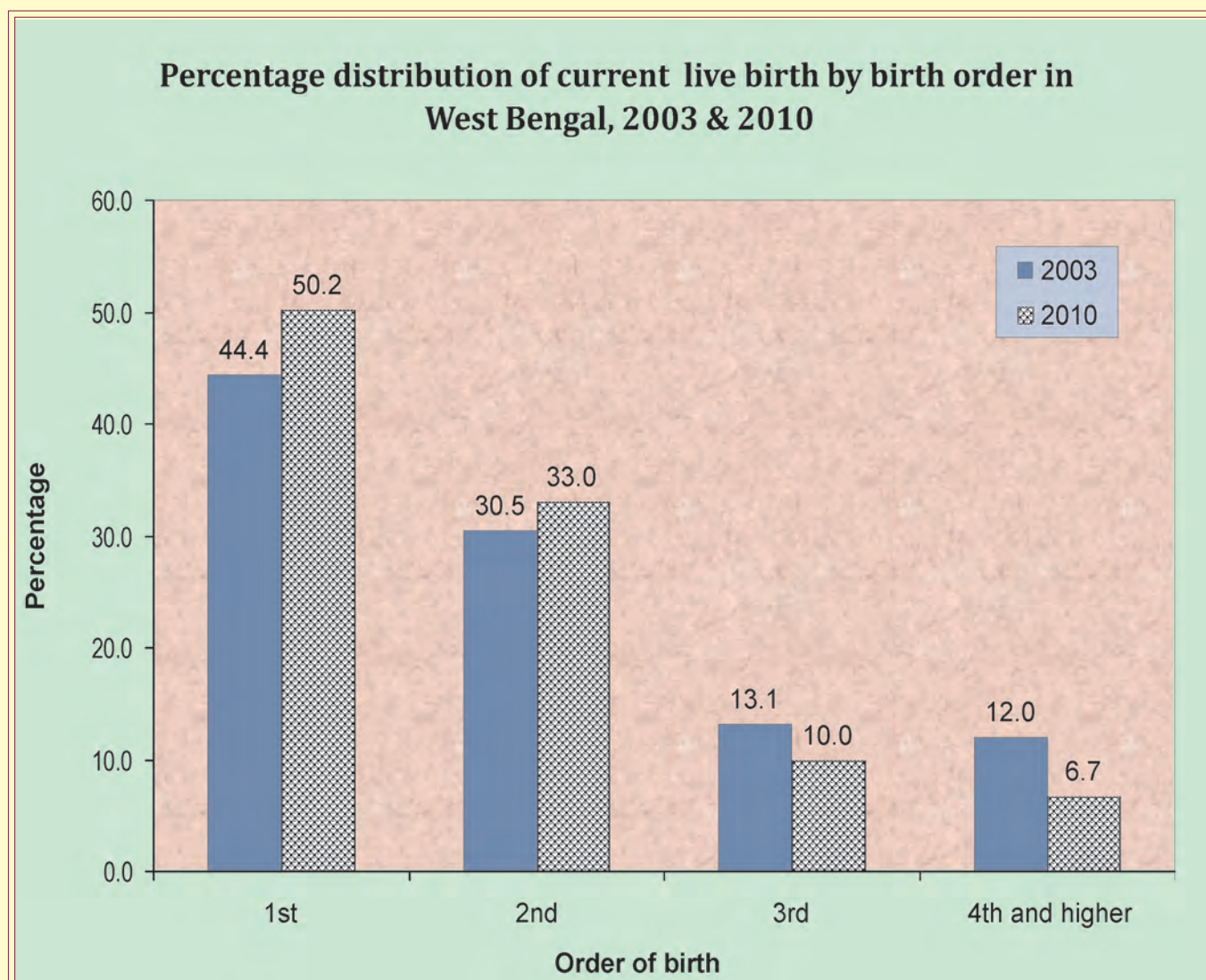




**Table II.5: Percentage Distribution of Current Live Births by Birth Order in West Bengal and India**

Birth order	West Bengal							India						
	2003	2005	2006	2007	2008	2009	2010	2003	2005	2006	2007	2008	2009	2010
1	44.4	43.7	45.4	46.6	48.2	49.0	50.2	35.1	35.0	36.7	37.0	38.4	39.1	41.5
2	30.5	32.0	31.1	31.3	31.2	31.2	33.0	28.1	28.9	28.8	29.8	29.7	30.6	30.5
3	13.1	13.2	12.4	12.7	11.5	11.7	10.0	16.5	16.4	15.8	15.9	15.2	15.0	14.3
4+	12.0	11.1	11.1	9.5	9.0	8.0	6.7	20.3	19.7	18.7	17.3	16.7	15.3	13.7

Source : Sample Registration System



**Table II.6 : Mortality Indicators of West Bengal**

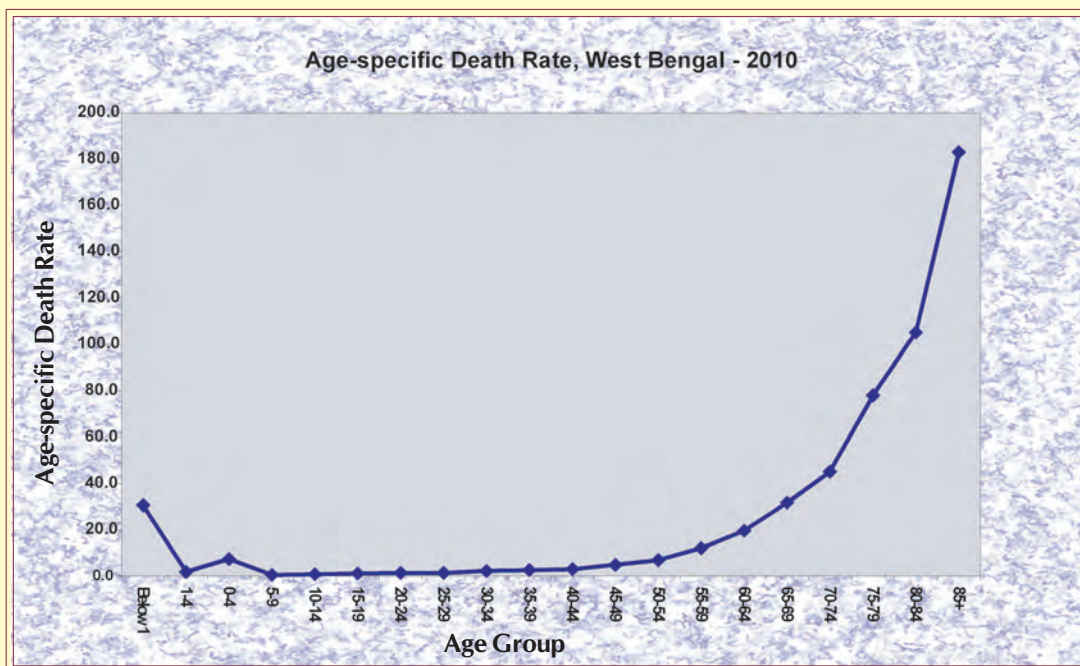
Indicator	Year	Rural	Urban	Combined
Crude Death Rate	2003	6.8	6.2	6.6
	2005	6.3	6.6	6.4
	2006	6.2	6.3	6.2
	2007	6.3	6.4	6.3
	2008	6.1	6.6	6.2
	2009	6.1	6.4	6.2
	2010	6.0	6.3	6.0
	2011	6.1	6.5	6.2
Infant Mortality Rate	2003	48	34	46
	2005	40	31	38
	2006	40	29	38
	2007	39	29	37
	2008	37	29	35
	2009	34	27	33
	2010	32	25	31
	2011	33	26	32
Neo-natal Mortality Rate	2003	33.0	16.0	30.0
	2005	32.0	20.0	30.0
	2006	30.0	20.0	28.0
	2007	30.0	19.0	28.0
	2008	28.0	19.0	26.0
	2009	27.0	19.0	25.0
	2010	24.0	19.0	23.0
Post Neo-natal Mortality Rate	2003	15.0	17.0	16.0
	2005	8.0	11.0	9.0
	2006	10.0	9.0	10.0
	2007	9.0	10.0	9.0
	2008	10.0	9.0	10.0
	2009	8.0	8.0	8.0
	2010	8.0	7.0	8.0
Perinatal Mortality Rate	2003	33.0	9.0	29.0
	2005	34.0	21.0	31.0
	2006	31.0	19.0	29.0
	2007	33.0	21.0	30.0
	2008	31.0	18.0	28.0
	2009	33.0	19.0	30.0
	2010	29.0	21.0	28.0
Still Birth Rate	2005	9.0	7.0	9.0
	2006	9.0	7.0	9.0
	2007	8.0	6.0	8.0
	2008	8.0	6.0	8.0
	2009	13.0	5.0	11.0
	2010	10.0	5.0	9.0

Source : Sample Registration System

**Table II.7 : Age-specific Death Rate by Sex and Residence in West Bengal, 2010**

Age group	Total			Rural			Urban		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Below 1	30.6	30.5	30.8	32.7	32.6	32.7	23.1	22.3	23.8
1-4	1.8	1.9	1.6	2.0	2.3	1.8	0.8	0.7	0.9
0-4	7.4	7.5	7.3	8.0	8.2	7.8	5.2	4.9	5.5
5-9	0.5	0.6	0.3	0.5	0.7	0.4	0.3	0.5	0.2
10-14	0.8	0.8	0.9	0.8	0.8	0.8	1.0	0.9	1.1
15-19	1.1	1.1	1.1	1.0	0.9	1.1	1.5	1.8	1.1
20-24	1.3	1.4	1.2	1.2	1.3	1.0	1.6	1.7	1.5
25-29	1.3	1.4	1.1	1.2	1.3	1.1	1.4	1.8	1.0
30-34	2.2	3.0	1.4	2.3	3.3	1.2	2.0	2.2	1.8
35-39	2.6	3.1	2.1	2.7	3.0	2.4	2.3	3.2	1.4
40-44	3.0	3.8	2.1	3.0	3.5	2.4	3.1	4.4	1.7
45-49	4.9	6.0	3.6	5.6	6.8	4.2	3.5	4.5	2.3
50-54	6.9	7.9	5.3	6.7	7.6	5.2	7.3	8.4	5.6
55-59	12.1	14.0	10.8	11.9	15.3	9.8	12.5	11.7	13.2
60-64	19.7	22.7	15.8	21.4	24.4	17.8	16.0	19.3	11.5
65-69	31.7	33.3	30.0	34.4	35.5	33.3	26.3	29.4	22.8
70-74	45.2	48.8	41.9	49.3	52.7	46.5	37.5	42.5	32.0
75-79	78.1	83.7	73.3	83.1	94.3	73.8	68.6	65.1	72.1
80-84	105.1	116.8	94.7	107.4	118.4	97.6	101.0	113.9	89.3
85+	183.0	193.1	175.7	191.7	207.7	180.4	167.0	167.0	167.0
All ages (Crude Death Rate, 2010)	6.0	6.5	5.6	6.0	6.4	5.5	6.3	6.9	5.7

Source : Sample Registration System





**Table II.8.1: Expectation of Life at Birth by Sex, West Bengal and India : 1970-75 & 2001-05**

Year	West Bengal		India	
	Male	Female	Male	Female
1970-75	56.8	58.0	50.5	49.0
2001 - 05	63.9	65.5	62.3	63.9

Source: Sample Registration System

**Table II.8.2: Expectation of Life at Birth by Sex and Residence, West Bengal and India, 2000-04**

India / West Bengal	Total			Rural			Urban		
	Male	Female	Person	Male	Female	Person	Male	Female	Person
India	62.1	63.7	63.0	60.8	62.2	61.6	66.7	69.6	68.3
West Bengal	63.7	65.2	64.4	62.2	63.8	63.0	68.4	70.7	69.4

Source: Sample Registration System

**Table II.8.3: Expectation of Life at Selected Ages, West Bengal and India, 2000-04**

India / West Bengal	Expectation of life at age									
	0 Birth	1	5	10	20	30	40	50	60	70
India (excluding Jammu & Kashmir)	63.0	66.5	65.0	60.5	51.2	42.3	33.5	25.1	17.6	11.6
West Bengal	64.4	66.7	66.0	61.4	52.0	42.7	33.6	24.9	17.1	11.0

Source: Sample Registration System

**Table II.8.4: Projected Values of Expectation of Life at Birth by Sex, West Bengal and India**

Year	West Bengal		India	
	Male	Female	Male	Female
2006 - 10	68.2	70.9	65.8	68.1
2011 - 15	69.2	72.1	67.3	69.6

Source: Report of the Technical Group on Population Projections-May,2006,National Commission on Population/MOHFW RG, India

## **Chapter – III**

# **CIVIL REGISTRATION SYSTEM**

---

---



**Salient Features of the Civil Registration System in West Bengal**  
**Table III.1: Administrative Set-up of Civil Registration Functionaries at Different Levels**

State Level	District Level/Subdivisional Level/ Block Level	Periphery Level	
		Urban Area	Rural Area
Chief Registrar of Births and Deaths (Director of Health Services, West Bengal)	District Registrar of Births and Deaths (District Magistrate)	Registrar of Births and Deaths (any responsible employee of the Municipal Corporation, Municipality, Notified Area, Cantonment or other areas having urban characteristics)	Local Registrar of Births and Deaths (2nd Medical officer attached to BPHC/ Rural Hospital)
Deputy Chief Registrar of Births and Deaths (Director, State Bureau of Health Intelligence, West Bengal)	Additional District Registrar of Births and Deaths  (i) ADM (General Administration ) (ii) Chief Medical Officer of Health (iii) Dy. Chief Medical Officer of Health - II (iv) Sub-Divisional Officer (v) Block Development Officer		Sub-Registrar of Births and Deaths (Pradhan of the Gram Panchayat)
Assistant Chief Registrar of Births and Deaths [Assistant Director of Health Services (V.S.), West Bengal]			

**Table III.2: Persons Responsible to Report the Occurrence of Births/Deaths and Time Limit for such Reporting to the Registrar of Births and Deaths as per Section 8 or 9 of the Registration of Births and Deaths Act, 1969 Read with Rule 5 of the West Bengal Registration of Births and Deaths Rules, 2000**

Place of occurrence of vital events	Type of Informants or Reporters	Time limit for reporting for current registration as per WBRBD Rules, 2000.
1. In House (Residential or Non-residential) or Household	1. Head of the House/Household and in his absence, his nearest relative and in his absence, the oldest male (adult) person present therein.	Within twenty-one (21) days from the date of occurrence of the event (live birth, still birth and death).
2. In Hospital, Health Centre, Nursing Home or other like Institutions	2. Medical Officer-in-charge or any person authorized by him.	
3. In Jail	3. Jailor-in-Charge.	
4. In Choultry, Chattram, Hostel, Dharmasala, Boarding House, Lodging House, Tavern, Barrack, Toddy Shop or place of public resort	4. Person-in-charge thereof	
5. Newborn child or dead body found deserted in a public place	5. Headmen or other corresponding Officer of the village in case of a village and the Officer-in-charge of the local Police Station in case of Urban area.	
6. In moving vehicle in land, air and water.	6. Person-in-charge of the moving vehicle.	
7. In Plantation.	7. Superintendent of the Plantation	

**N.B.:** In case of current or normal registration, an extract of the registration entries (Birth or Death Certificates) shall be given to the informant, free of charge, in prescribed Form No. 5 or 6 under Section 12 of the RBD Act 69 and Rule 9 of the W.B.R.B.D. Rules 2000 and WBRBD (Amendment) Rules, 2006

**Table III.3: Procedure for Delayed Registration of Births and Deaths as per Section 13 of the Registration of Births and Deaths Act 1969 Read with Rule 10 of the West Bengal Registration of Births and Deaths Rules 2000 and WBRBD (Amendment) Rules 2005 and WBRBD(Amendment) Rules 2006**

Time limit for reporting of delayed registration	Formalities needed to be observed for delayed registration	Amount of late fee to be paid after meeting up the formalities stated in column 2
A. If information is given to the Registrar/Sub-Registrar of Births/Deaths after expiry of the stipulated time limit as laid down in rule 5 of the WBRBD Rules 2000 but within 30 (thirty) days of its occurrence	No Permission required	Re. 1/- (Rupee one)
B. If information is given to the Registrar/Sub-Registrar of Births/Deaths after 30 (thirty) days, but within one year of its occurrence	i) An affidavit made before a first class Magistrate or a Notary Public or an Executive Magistrate ii) Written permission from the District Registrar/ Additional District Registrar of Births and Deaths in case of a rural area or from the Chief Municipal Health Officer/Administrator/Chief Executive Officer of a Municipal Corporation or from the Chairman/Executive Officer/Administrator in case of a municipal area or from the Chairman/Executive Officer of a Cantonment area/Notified area as the case may be	Rs. 2/- (Rupees two)
C. If information is given to the Registrar/Sub-Registrar of Births/Deaths after one year of its occurrence	An order from the Executive Magistrate	Rs. 10/- (Rupees ten)

## STREET CHILDREN

In case of delayed registration of births/deaths of street children amount of late fee, irrespective of time limit, shall be Rs. 0.50 (fifty paise) only.

N.B. - In case of delayed registration, no birth or death certificate can be given to the public "free of cost". In this case a charge of Rs. 5/- (Rupees five) only is to be paid for each copy of certificate, under Section 17 of the RBD Act 69 and Rule 14 of the W.B.R.B.D. Rules-2000.

**Table III.4: Registration Centres under Civil Registration System - Distribution by Districts of West Bengal**

District	Urban centres				No. of Blocks	Total Rural Centres
	Municipal Corporation / Municipality	Cantonment area	Special Area	Total		
Bankura	3	0	0	3	22	190
Bardhaman	11	0	1	12	31	277
Birbhum	6	0	0	6	19	167
Kolkata	1	0	1	2	0	0
Dakshin Dinajpur	2	0	0	2	8	65
Darjiling	5	2	0	7	12	134
Haora	3	0	3	6	14	157
Hugli	13	0	0	13	18	210
Jalpaiguri	4	1	0	5	13	146
Koch Bihar	6	0	0	6	12	128
Malda	2	0	0	2	15	147
Paschim Medinipur	8	0	1	9	29	290
Purba Medinipur	5	0	0	5	25	223
Murshidabad	7	0	0	7	26	255
Nadia	10	0	0	10	17	187
North 24- Parganas	27	1	1	29	22	200
Puruliya	3	0	1	4	20	170
South 24-Parganas	7	0	0	7	29	312
Uttar Dinajpur	4	0	0	4	9	99
<b>Total</b>	<b>127</b>	<b>4</b>	<b>8</b>	<b>139</b>	<b>341</b>	<b>3357</b>

**Table III.5: Performance of Civil Registration in West Bengal - 1992-2010**

Year	Reported number of vital events	
	Birth	Death
1992	842397	137385
1993	794110	131035
1994	948468	140613
1995	1116945	159404
1996	1245515	177760
1997	1398984	195477
1998	1418524	225038
1999	1599464	301480
2000	1601210	297463
2001	1780334	317078
2002	1686598	324390
2003	1693078	322298
2004	1681102	305695
2005	1542634	276699
2006	1540222	279321
2007	1505964	293314
2008	1510306	360977
2009	1337034	346630
2010	1295324	319041

**Table III.6: Performance of Training of Civil Registration Functionaries in West Bengal**

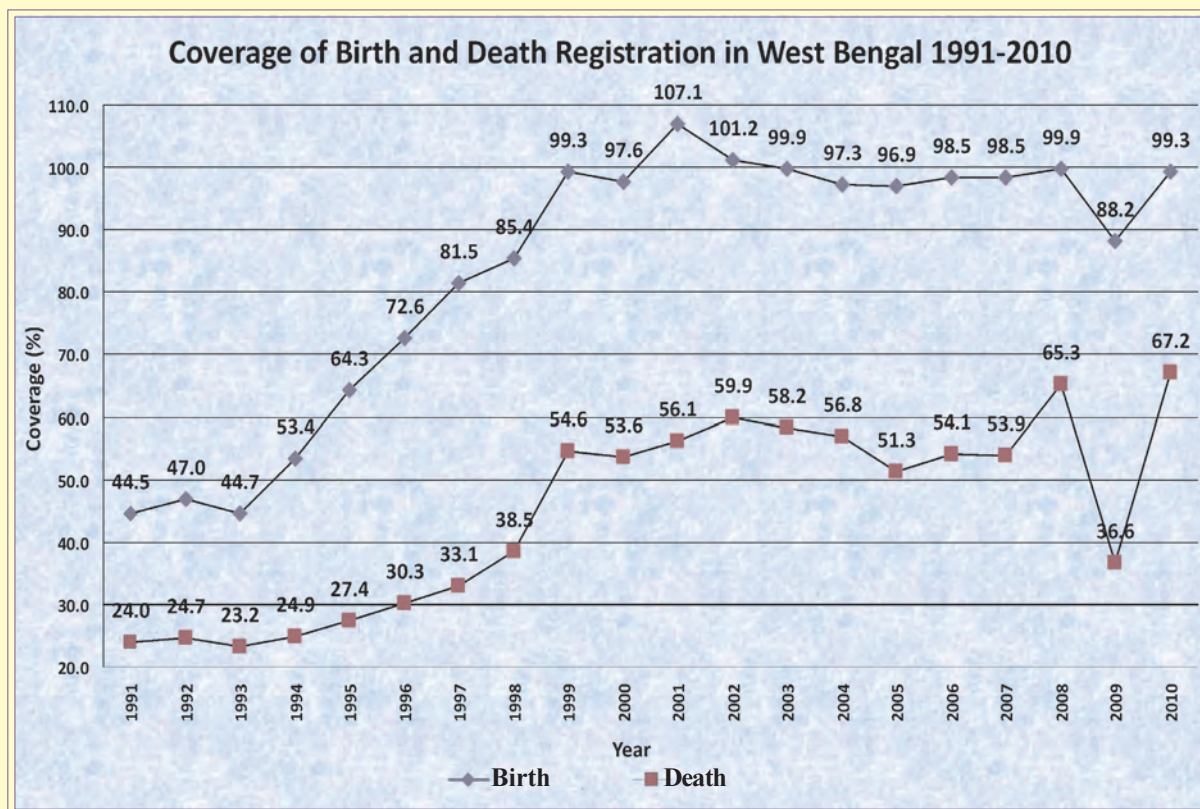
Year	No. of Functionaries Trained
1998-99	7540
1999-00	3372
2000-01	14772
2001-02	13928
2002-03	489
2003-04	4211
2004-05	3142
2005-06	3565
2006-07	4690
2007-08	2476
2008-09	5392
2009-10	3950
2010-11	3526

**Table III.7: Performance Indicators of Civil Registration in West Bengal - 1991-2010**

Year	Reporting Efficiency			Recording Efficiency	
	Rural	Urban	Total	Birth	Death
1991	71.9	75.3	72.8	44.5	24.0
1992	77.2	74.8	76.5	47.0	24.7
1993	72.6	63.9	70.3	44.7	23.2
1994	80.1	73.5	78.2	53.4	24.9
1995	90.6	87.2	89.6	64.3	27.4
1996	92.4	93.2	92.6	72.6	30.3
1997	90.3	87.2	89.4	81.5	33.1
1998	92.5	98.8	97.0	85.4	38.5
1999	97.7	94.0	96.6	99.3	54.6
2000	99.1	97.0	98.5	97.6	53.6
2001	98.8	96.3	98.1	107.1	56.1
2002	94.4	99.3	95.8	101.2	59.9
2003	96.8	99.3	97.5	99.9	58.2
2004	99.1	95.7	98.1	97.3	56.8
2005	99.1	97.8	98.8	96.9	51.3
2006	98.5	97.8	98.3	98.5	54.1
2007	98.2	97.8	98.1	98.5	53.9
2008	97.9	97.8	97.8	99.9	65.3
2009	83.9	78.3	82.3	88.2	36.6
2010	88.0	75.4	84.4	99.3	67.2

N.B.: i) Reporting efficiency is the percentage of vital statistics reports received from registration centres.  
 ii) Recording efficiency is measured by comparing the registered events with those estimated by Sample Registration System.





## NOTIFICATION No. HF/O/FW/93/4E-07/2005 dated 17th May, 2005 Regarding Medical Certification of Cause of Death

In exercise of the power conferred by Sub-section (2) of Section 10 of the Registration of Births & Deaths Act, 1969 (Act No. 18 of 1969) and in supersession of all previous Memorandum and Orders on the subject, the Governor is hereby pleased to make it compulsory to issue Medical Certificate of Cause of Death in the specified Form No. 4 and 4A prescribed under the West Bengal Registration of Births and Deaths Rules, 2000 by the medical practitioner who attended the deceased during the last illness without charging any fee immediately after death of any person in the following medical institutions and areas with effect from the date of publication of this notification.

1.
  - (i) All medical institutions managed by Government/Local Bodies/Autonomous Bodies/Societies/Other organizations situated in both urban and rural areas in the state of West Bengal.
  - (ii) All private medical practitioners of urban and rural areas in the state of West Bengal.
2. The Head of the Medical Institution shall send the medical certificate as to the cause of death in Form No. 4 to the concerned Registrar/Sub-Registrar of Births and Deaths along with Death Reporting format (Form No. 2) within 21 days from the date of occurrence of each death event whereas the lower portion of Form No. 4 (Detachable part) shall be handed over to the relative of the deceased without issuing West Bengal Form No. 804 (Death Certificate).
3. In case of non-institutional death events the medical practitioner who attended the deceased during the last illness shall issue medical certificate as to the cause of death to the relative of the deceased or informant in Form No. 4A to furnish it to the concerned Registrar/Sub-Registrar of Births and Deaths as per provisions of the said Act and Rules.
4. The Registrar/Sub-Registrar of Births and Deaths shall, after making necessary entries in the appropriate format, send all such certificates to the authority concerned within the stipulated period as per existing rules.

## GUIDELINES FOR REGISTRATION OF BIRTHS OF ADOPTED CHILDREN

- I) An application is to be made by the agency (Orphanage, Child Welfare agency etc.) to the local Magistrate along with any other relevant material in form of an affidavit made by responsible person belonging to the agency.
  - II) The Magistrate is to pass an order approving the particulars to be entered in the birth certificate and same is to be issued by the registrar of the area where the child was found.
  - III) The Chief Medical Officer of Health of the district is to be involved in ascertaining the age and the Magistrate would ordinarily act on the certificate granted by him.
  - IV) Normally, the process should be initiated before the adoption is finalized, so that the particulars of adoptive parents are available for inclusion in the certificate.
  - V) If the child has attained three years of age and adoption has not been finalized, the agency is to obtain a birth certificate, if found necessary, after informing the court in the form of an affidavit giving the following details :
    - (a) that to the best of its knowledge the child has attained the age of three years ;
    - (b) that his/her adoption has not been finalized and is likely to take some time of may never be finalized in all probability.
    - (c) that a certificate is required for educational/medical/legal purposes or any other reasonable purpose which may be specified ; and
    - (d) that person/persons would stand in as local parents to the child (this person/these persons should be a responsible person/persons belonging to the placement agency) till such time as he/she attains majority, or is adopted, whichever is earlier.
  - VI) A second birth certificate is to be issued after adoption to provide for a change in name/names of the child and the adoptive parent/parents after obtaining an order to that effect from the court which had passed order for issuing the original birth certificate.
2. Although, under the guidelines, the CMOH is to be involved in ascertainment of age and the Magistrate is to act on the certificate granted by CMOH, it would be necessary to decide on the exact date of birth as mere mention of age in completed years or even years and months would not be sufficient. Therefore, on the certificate granted by the CMOH, the Magistrate should also arrive at a date of birth of the child while approving and ordering the other particulars to be entered in the certificate.
  3. It may, however, be noted that the said guidelines pertain to only those children who are sponsored for adoption by the orphanages, child welfare agencies and other like agencies. There are large number of adoptions that take place outside these institutional arrangements, for example children taken on adoption from relatives or friends. It has been decided to extend the benefit to such children also. As formal adoptions of such nature are prevalent mostly in urban areas, it is more than likely that births of these children would have been registered and birth certificates issued. In such cases, it would be sufficient if the Magistrate having jurisdiction over the area passes an order approving the particulars of the adoptive parents to be entered / altered in the births register/certificate and also pass an order for issuing a second birth certificate. If in case, the birth has not been registered the Magistrate passing the order has to determine the exact date of birth, which he can do on the basis of relevant proof or declaration from the natural parents and in their absence, on the basis of the certificate granted by the Chief Medical Officer of Health.
  4. The Registrar, as he does in case of other court order, has to make an entry in the 'remarks' column giving details of the court order (including date) which entering or correcting as per the particulars approved by the Magistrate.
  5. If the birth is being registered after the normal reporting period all the procedures laid down under Section 13 of the RBD Act, 1969 have to be strictly followed.



## **Chapter – IV**

### **RELATED SOCIO-ECONOMIC STATISTICS**

---

---



**Table IV.1: Literacy Rate by Sex in the Districts of West Bengal**

District	2001			2011 (P)		
	Person	Male	Female	Person	Male	Female
Bankura	63.44	76.76	49.43	70.95	81.00	60.44
Bardhaman	70.18	78.63	60.95	77.15	83.44	70.47
Birbhum	61.48	70.89	51.55	70.90	77.42	64.07
Darjiling	71.79	80.05	62.94	79.92	85.94	73.74
Haora	77.01	83.22	70.11	83.85	87.69	79.73
Hugli	75.11	82.59	67.21	82.55	87.93	76.95
Jalpaiguri	62.85	72.83	52.21	73.79	80.61	66.65
Koch Bihar	66.30	75.93	56.12	75.49	81.52	69.08
Kolkata	80.86	83.79	77.30	87.14	89.08	84.98
Malda	50.28	58.80	41.25	62.71	67.27	57.84
Purba Medinipur	80.16	89.13	70.70	87.66	93.14	81.81
Paschim Medinipur	70.41	81.28	59.11	79.04	86.66	71.11
Murshidabad	54.35	60.71	47.63	67.53	71.02	63.88
Nadia	66.14	72.31	59.58	75.58	79.58	71.35
North 24-Parganas	78.07	83.92	71.72	84.95	88.66	81.05
Puruliya	55.57	73.72	36.50	65.38	78.85	51.29
South 24-Parganas	69.45	79.19	59.01	78.57	84.72	72.09
Uttar Dinajpur	47.89	58.48	36.51	60.13	66.65	53.15
Dakshin Dinajpur	63.59	72.43	54.28	73.86	79.63	67.81
<b>West Bengal</b>	<b>68.64</b>	<b>77.02</b>	<b>59.61</b>	<b>77.08</b>	<b>82.67</b>	<b>71.16</b>

P : Provisional

Source: Census of India, 2001 and 2011

**Table IV.2: Literacy Rate by Sex in the Districts of West Bengal by Urban-Rural Areas, 2011(P)**

District	Urban			Rural		
	Person	Male	Female	Person	Male	Female
Bankura	85.23	90.97	79.24	69.60	80.06	58.66
Bardhaman	82.75	88.43	76.63	73.39	80.05	66.39
Birbhum	81.74	86.75	76.55	69.25	76.01	62.18
Darjiling	87.48	91.23	83.65	74.97	82.50	67.20
Haora	85.58	88.61	82.3	80.82	86.06	75.29
Hugli	87.75	91.34	83.95	79.22	85.71	72.50
Jalpaiguri	82.33	86.69	77.78	70.55	78.31	62.43
Koch Bihar	89.01	92.41	85.54	73.87	80.25	67.07
Kolkata	87.14	89.08	84.98	-	-	-
Malda	76.82	78.71	74.71	60.42	65.37	55.18
Purba Medinipur	89.14	93.41	84.52	87.47	93.10	81.45
Paschim Medinipur	87.01	91.61	82.25	77.92	85.97	69.54
Murshidabad	72.65	77.15	68.02	66.27	69.52	62.84
Nadia	85.88	89.63	81.98	71.50	75.65	67.08
North 24-Parganas	89.80	92.79	86.66	78.11	82.86	73.08
Puruliya	76.24	84.68	67.21	63.75	77.96	48.93
South 24-Parganas	83.62	87.93	79.09	76.78	83.59	69.59
Dakshin Dinajpur	89.42	92.61	86.15	71.18	77.42	64.61
Uttar Dinajpur	80.67	84.31	76.69	57.15	64.06	49.77
<b>West Bengal</b>	<b>85.54</b>	<b>89.15</b>	<b>81.70</b>	<b>72.97</b>	<b>79.51</b>	<b>66.08</b>

Source: Census of India, 2011

**Table IV.3: Sex Differential in Literacy Rates, West Bengal: 1991, 2001 and 2011**

	1991	2001	2011 (P)
(a) Male/Female Differential in Literacy Rate	21.25	17.41	11.51
(b) Literate Sex Ratio (Female literates per 1000 male literates)	623	719	814

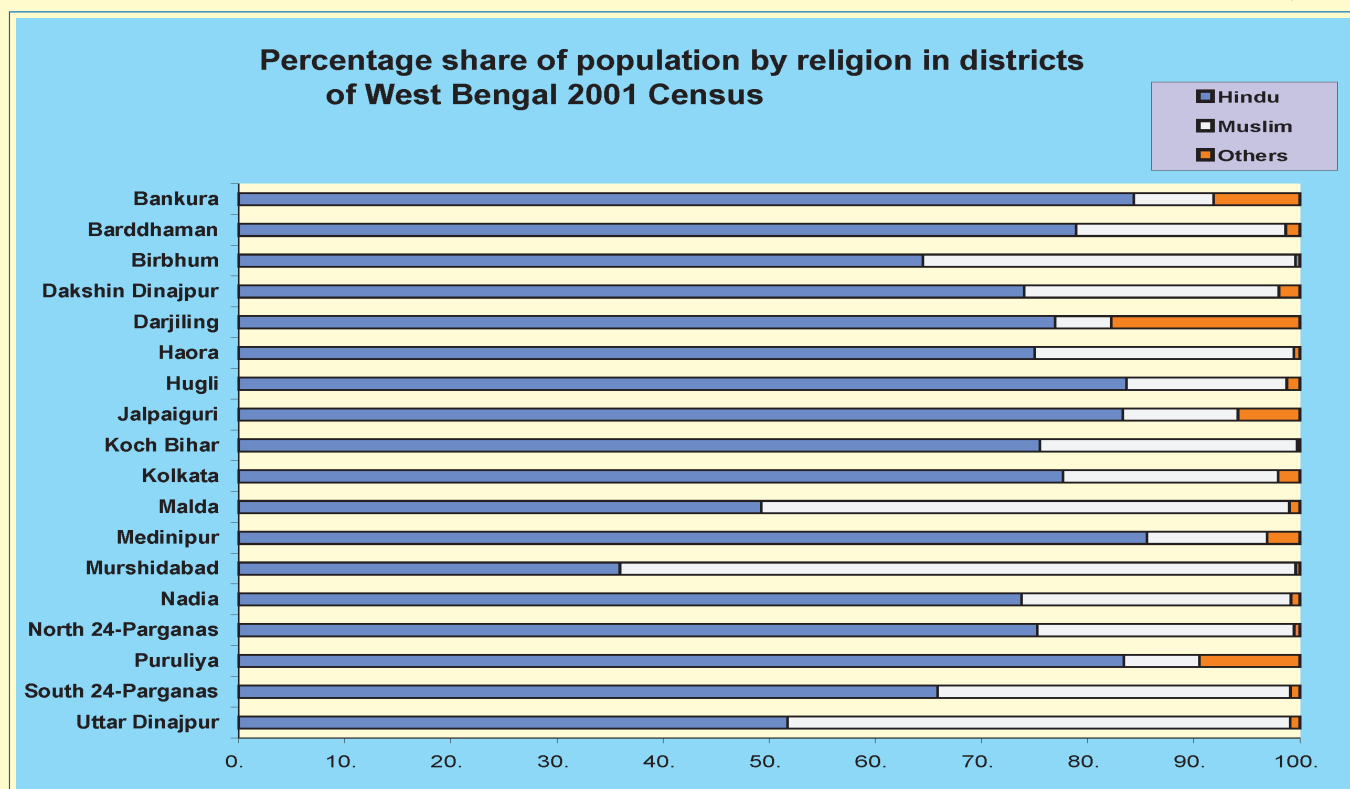
P : Provisional

Source: Census of India, 1991, 2001 & 2011

**Table IV.4.: District-wise Population by Religion in West Bengal, 2001**

District	Total Population	Hindu		Muslim		Christian		Others		Religion not stated	
		Number	%	Number	%	Number	%	Number	%	Number	%
Bankura	3192695	2693022	84.35	239722	7.51	3018	0.09	255140	7.99	1793	0.06
Barddhaman	6895514	5440052	78.89	1364133	19.78	15997	0.23	69618	1.01	5714	0.08
Birbhum	3015422	1944606	64.49	1057861	35.08	7382	0.24	3851	0.13	1722	0.06
Dakshin Dinajpur	1503178	1112575	74.01	361047	24.02	22039	1.47	6653	0.44	864	0.06
Kolkata	4572876	3552274	77.68	926769	20.27	40218	0.88	45082	0.99	8533	0.19
Darjiling	1609172	1237714	76.92	85378	5.31	99232	6.17	186141	11.57	707	0.04
Haora	4273099	3204077	74.98	1044383	24.44	6284	0.15	15748	0.37	2607	0.06
Hugli	5041976	4216701	83.63	763471	15.14	4474	0.09	54687	1.08	2643	0.05
Jalpaiguri	3401173	2833229	83.30	369195	10.85	147654	4.34	49849	1.47	1246	0.04
Koch Bihar	2479155	1871857	75.50	600911	24.24	2162	0.09	3486	0.14	739	0.03
Malda	3290468	1621468	49.28	1636171	49.72	8388	0.25	23090	0.70	1351	0.04
Medinipur	9610788	8224779	85.58	1088618	11.33	21863	0.23	269087	2.80	6441	0.07
Murshidabad	5866569	2107469	35.92	3735380	63.67	13723	0.23	5359	0.09	4638	0.08
Nadia	4604827	3396095	73.75	1170282	25.41	29563	0.64	7287	0.16	1600	0.03
North 24-Parganas	8934286	6721420	75.23	2164058	24.22	20138	0.23	22858	0.26	5812	0.07
Puruliya	2536516	2116037	83.42	180694	7.12	7008	0.28	229922	9.06	2855	0.11
South 24-Parganas	6906689	4548459	65.86	2295967	33.24	52835	0.76	4834	0.07	4594	0.07
Uttar Dinajpur	2441794	1263001	51.72	1156503	47.36	13172	0.54	8082	0.33	1036	0.04
<b>West Bengal</b>	<b>80176197</b>	<b>58104835</b>	<b>72.47</b>	<b>20240543</b>	<b>25.25</b>	<b>515150</b>	<b>0.64</b>	<b>1260774</b>	<b>1.57</b>	<b>54895</b>	<b>0.07</b>

Source: Census of India, 2001



**Table IV.5: Percentage of Workers to Total Population in India and West Bengal by Residence and Sex, 1991 and 2001**

India/ West Bengal	Area	Sex	Percentage of total Population					
			Main Workers		Marginal Workers		Non Workers	
			1991	2001	1991	2001	1991	2001
India	Total	Person	34.10	30.43	3.36	8.67	62.54	60.90
		Male	50.93	45.13	0.62	6.55	48.45	48.32
		Female	15.93	14.68	6.32	10.95	77.75	74.37
	Rural	Person	35.69	30.87	4.29	10.88	60.01	58.25
		Male	51.76	44.31	0.72	7.79	47.52	47.89
		Female	18.57	16.65	8.10	14.14	73.33	69.21
	Urban	Person	29.50	29.29	0.68	2.96	69.83	67.75
		Male	48.59	47.19	0.35	3.41	51.06	49.40
		Female	8.13	9.42	1.04	2.46	90.83	88.12
West Bengal	Total	Person	30.23	28.72	1.96	8.05	67.81	63.23
		Male	50.66	47.01	0.74	6.98	48.60	46.01
		Female	7.96	9.12	3.29	9.21	88.75	81.68
	Rural	Person	30.61	27.89	2.57	10.01	66.82	62.10
		Male	51.18	45.76	0.91	8.33	47.91	45.91
		Female	8.74	9.08	4.33	11.78	86.93	79.14
	Urban	Person	29.23	30.84	0.36	3.01	70.41	66.15
		Male	49.34	50.15	0.31	3.59	50.36	46.26
		Female	5.79	9.21	0.41	2.36	93.79	88.43

Source: Census of India, 1991 & 2001

**Table IV.6: Estimates of Net State Domestic Product of West Bengal by Industry of Origin at Current Prices (Base Year : 2004-05) (Rs. In Crore)**

Sl.No.	Industry	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10(P)	2010-11(Q)	2011-12(A)
1	Agriculture	38530.49	42831.82	45519.28	53979.06	57897.52	73229.91	84561.94	101587.86
2	Forestry	2344.24	2402.19	2574.67	3169.02	3636.90	4214.95	4484.96	5117.82
3	Fishery	6605.47	7303.06	8370.89	9288.99	10284.54	11971.07	12975.60	14791.22
4	Mining and Quarrying	2351.68	2408.16	2578.84	2267.39	2467.41	2504.62	2346.51	2353.36
5	Manufacturing								
	5.1 Registered	8648.97	7555.75	9676.04	11974.22	12785.20	14953.93	17216.34	19064.50
	5.2 Unregistered	9095.52	10134.26	12101.70	14198.25	14999.66	16902	19110.37	21399.13
6	Construction	14272.73	16587.20	18877.56	20333.07	20267.50	23129.5	26857.12	31320.56
7	Electricity, Gas and Water Supply	2349.65	2561.33	3019.90	3003.51	4304.45	3968.77	4329.48	4941.49
8	Transport, Storage and Communications								
	8.1 Railways	2393.00	2517.37	3052.64	3528.04	3889.13	5181.73	5349.59	6216.83
	8.2 Transport by other means and storage	11482.78	12038.16	14117.68	15937.49	18985.04	22841.94	27866.44	32863.03
	8.3 Communications	2744.92	2920.06	3076.31	3350.12	3769.22	4414.97	5085.18	5933.44
9	Trade, Hotel and Restaurant	32204.48	36470.70	42636.56	47649.71	54314.96	62020	73546.88	83111.55
10	Banking and Insurance	12775.01	13556.61	15932.98	18415.01	20179.58	21758.4	26308.11	30054.13
11	Real Estate, Ownership of Dwellings and Business Services	13624.38	15971.32	18750.16	22562.59	26702.42	32283.66	39046.21	46926.29
12	Public Administration	9272.02	10186.30	10480.29	10857.52	16310.64	19764.72	21470.96	23265.60
13	Other Services	21333.54	24281.77	27863.98	33042.70	39735.85	50426.46	62183.69	73760.22
	<b>Total</b>	<b>190028.88</b>	<b>209726.06</b>	<b>238629.48</b>	<b>273556.69</b>	<b>310530.02</b>	<b>369566.63</b>	<b>432739.38</b>	<b>502707.03</b>
	<b>Per capita income (Rupees)</b>	<b>22648.91</b>	<b>24719.60</b>	<b>27822.67</b>	<b>31567.03</b>	<b>35486.71</b>	<b>41836.94</b>	<b>48536.24</b>	<b>55864.41</b>

P = Provisional, Q = Quick, A = Advance. Source: Bureau of Applied Economics and Statistics, Government of West Bengal  
Note : Estimates have been revised on the basis of up to date information.





## **Chapter – V**

# **ADMINISTRATION & ORGANISATION**

---

---



**Table V.1: Administrative Units of West Bengal**

Unit	Number
Division	3
District	19
Sub-division	66
Police Station	547**
C.D. Block	341
Municipal Corporation	6
Municipality	121
Gram Panchayat	3239*
Panchayat Samity	333
Zilla Parishad	17
Mahakuma Parisad (Siliguri)	1
Village(Inhabited) ( 2001 Census )	37945
Household (2001 Census)	15872083

\* Excluding 112 Gram Panchayats under Gorkah Territorial Administration

\*\* Figure includes 45 GRP for Sealdah, Haora,Kharagpur and Siliguri.

Table V.2: District-wise Break-up of Administrative Units in West Bengal

Division/District	Sub-Division	Police Station	Urban Area		Rural Area				
			Municipal Corporation	Municipality	CD Block	Village	Gram Panchayat	Panchayat Samiti	Zilla Parishad
	2011	2011	2011	2011	2011	2001	2011	2011	2011
Presidency Division:	21	226	2	53	108	8010	1110	108	5
Haora	2	24	1	2	14	734	157	14	1
Kolkata	0	65	1	0	0	0	0	0	0
Murshidabad	5	28	0	7	26	2210	254	26	1
Nadia	4	24	0	10	17	1346	187	17	1
North 24-Parganas	5	45 \$	0	27	22	1581	200	22	1
South 24-Parganas	5	40	0	7	29	2139	312	29	1
Barddhaman Division:	27	191	3	47	164	25166	1524	164	7
Bankura	3	24	0	3	22	3830	190	22	1
Barddhaman	6	38	2	9	31	2529	277	31	1
Birbhum	3	20	0	6	19	2473	167	19	1
Hugli	4	27	1	13	18	1915	210	18	1
Paschim Medinipur	4	31	0	8	29	8701	290	29	1
Purba Medinipur	4	28	0	5	25	3035	223	25	1
Puruliya	3	23	0	3	20	2683	170	20	1
Jalpaiguri Division:	18	85	1	22	69	7606	605	61	5
Dakshin Dinajpur	2	9	0	2	8	1638	65	8	1
Uttar Dinajpur	2	10	0	4	9	1504	98	9	1
Darjiling	4	20	1	4	12	708	22*	4*	0
Jalpaiguri	3	22	0	4	13	756	146	13	1
Koch Bihar	5	12	0	6	12	1202	128	12	1
Malda	2	12	0	2	15	1798	146	15	1
GRP #		45	-	-	-	-	-	-	-
Total	66	547#	6	122	341	40782	3239	333	17

Source: Bureau of Applied Economics &amp; Statistics and Directorate of Panchayat, West Bengal

# figure includes 45 GRP for Sealdah, Haora and Siliguri.

\* figure relates to Siliguri Mahakuma Parishad only.

\$: 1 (one) Dum Dum Air port PS included in PS North. 24-Parganas

N.B. Gorkah Teritorial Administration is excluded and this GTA is constituted of 112 Gram Panchayats.

**Table V.3 : District - wise Vehicle Position and Status of Driver under State Health Transport Organisation by Districts of West Bengal as on 1st April, 2012**

District	No. of operative Vehicles / Ambulances	No. of in-operative Vehicles		Total No. of Vehicles	Status of the Driver		
		G.O. is issued & disposal under progress	To be proposed for condemnations		Sanctioned post	Present position	Vacant post
Kolkata	169	16	55	240	217	166	51
North 24-parganas	43	-	17	60	59	47	12
South 24-Parganas	52	11	7	70	95	71	24
Hugli	38	-	10	48	68	50	18
Haora	39	11	2	52	55	35	20
Barddhaman	62	-	11	73	74	60	14
Birbhum	42	-	15	57	70	58	12
Nadia	46	16	24	86	74	60	14
Paschim Medinipur	35	-	15	50	80	58	22
Purba Medinipur	28	-	13	41	40	26	14
Puruliya	22	-	21	43	37	25	12
Bankura	65	-	18	83	75	62	13
Murshidabad	65	-	28	93	79	64	15
Uttar Dinajpur	24	11	-	35	20	12	8
Dakshin Dinajpur	19	8	-	27	34	20	14
Malda	35	9	10	54	52	40	12
Koch Bihar	31	5	2	38	63	40	23
Jalpaiguri	46	-	4	50	61	40	21
Darjiling	40	10	1	51	74	56	18
<b>Total</b>	<b>901</b>	<b>97</b>	<b>253</b>	<b>1251</b>	<b>1327</b>	<b>990</b>	<b>337</b>

Source : Jt. DHS ( Transport ), West Bengal



## **Chapter – VI**

### **MEDICAL INSTITUTIONS IN WEST BENGAL**

---

---





**Table VI.1 Medical Institutions in West Bengal as on 30.11.2012**

Type of Medical Institution	No.	Total no. of beds (Sanctioned)
<b>Hospitals/Health centres under Department of Health &amp; Family Welfare</b>		
Medical College Hospital	13	13441
District Hospital	21	9370
Subdivisional Hospital	38	7680
State General Hospital	33	4899
Other Hospitals	33	6504
Rural Hospital*	268	8790
Block Primary Health Centre	79	1086
Primary Health Centre	909	6592
Sub Centre	10356	0
<b>Hospitals under other Departments of State Government**</b>	72	6212
<b>Hospitals under Local Body</b>	31	1080
<b>Hospitals under Government of India**</b>	58	7126
<b>Hospitals under NGO/Private</b>	2013	34281
<b>Total</b>	<b>13924</b>	<b>107061</b>

\*Includes Rural Hospitals upgraded from BPHC

\*\*Includes Government undertaking organisations

Note : 7 District Hospitals, viz. Bisnupur DH, Asansol DH, Diamond Harbour DH, Jhargram DH, Nandigram DH, Rampurhat DH and Basirhat DH newly upgraded from SDH/RH under newly created Health Districts are included in the respective Administrative District. Also, 700 beds have been planned to be enhanced shortly for these hospitals.

## Health on the March 2011-12

Note : 7 District Hospitals, viz. Bisnupur DH, Asansole DH, Diamond Harbour DH, Jhargram DH, Nandigram DH, Rampurhat DH and Basirhat DH newly upgraded from SDH/RH under newly created Health Districts are included in the respective Administrative District. Also, 700 beds have been planned to be enhanced shortly for these hospitals.

\* Includes Rural Hospitals upgraded from BPHCs

Includes Government undertaking organisations

\*\*\*\*\* Includes 1 Medical College in Kolkata, 1 Dental College in North 24-Parganas and 1 Dental College in Purba Medinipur

“ Total bed strength of MCH is going to be 700 including beds of ESI Hospital.

\* \*

"Total bed strength of MCH is going to be 700 including beds of ESI Hospital.

\*  
\*

**Table VI.3: National Norm for Primary Health Care Facilities**

Item	Norm
1. At least one Trained Dai	For each village
2. One trained Village Health Guide	For each village per 1000 population
3. One Sub-Centre	For 5000 population in plain area and for 3000 population in tribal, hilly and backward areas
4. One Primary Health Centre	For every 30000 population in plain area and for 20000 population in tribal, hilly and backward areas
5. One Community Health Centre	For every 1 to 1.20 lakh population serving as a referral institution for four primary health centres

Source: Bulletin on Rural Health Statistics in India

**Table VI.4: District-wise Distribution of Health Facilities in Rural Areas of West Bengal as on 30.11.2012**

District	Rural Hospital		Block Primary Health Centre		Primary Health Centre		Total		No. of Sub Centres
	No.	Beds	No.	Beds	No.	Beds	No.	Beds	
Bankura	18	640	4	70	69	512	91	1222	564
Bardhaman	22	750	13	185	104	680	139	1615	765
Birbhum	15	495	4	105	58	456	77	1056	484
Dakshin Dinajpur	7	205	1	10	18	180	26	395	247
Darjiling	9	290	3	60	22	136	34	486	230
Hugli	17	590	1	10	59	450	77	1050	660
Haora	13	445	2	25	41	292	56	762	448
Jalpaiguri	12	390	2	25	38	256	52	671	537
Koch Bihar	8	240	4	30	29	202	41	472	406
Malda	15	470	0	0	35	270	50	740	511
Murshidabad	17	570	10	141	69	508	96	1219	832
Nadia	14	450	3	30	47	380	64	860	469
North 24-Parganas	18	565	4	60	52	408	74	1033	742
Paschim Medinipur	23	830	6	75	84	584	113	1489	858
Purba Medinipur	15	450	9	110	53	377	77	937	706
Puruliya	18	550	2	25	52	344	72	919	485
South 24-Parganas	21	680	9	105	61	429	91	1214	1068
Uttar Dinajpur	6	180	2	20	18	128	26	328	344
<b>Total</b>	<b>268</b>	<b>8790</b>	<b>79</b>	<b>1086</b>	<b>909</b>	<b>6592</b>	<b>1256</b>	<b>16468</b>	<b>10356</b>

**Table VI.5 : District-wise Population Served Per Bed during 2011 in West Bengal**

District	Population, 2011			Total no. of beds			Population served per bed		
	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total
Bankura	3295613	300679	3596292	1222	2678	3900	2697	112	922
Bardhaman	4644079	3079584	7723663	1615	8896	10511	2876	346	735
Birbhum	3054019	448368	3502387	1056	1921	2977	2892	233	1176
Dakshin Dinajpur	1434856	236075	1670931	395	892	1287	3633	265	1298
Darjiling	1123859	718175	1842034	486	3917	4403	2312	183	418
Hugli	3388395	2131994	5520389	1050	4935	5985	3227	432	922
Haora	1776970	3064668	4841638	762	4666	5428	2332	657	892
Jalpaiguri	2825001	1044674	3869675	671	2514	3185	4210	416	1215
Koch Bihar	2533480	289300	2822780	472	1822	2294	5368	159	1231
Kolkata	0	4486679	4486679	0	27687	27687	0	162	162
Malda	3446056	551914	3997970	740	1398	2138	4657	395	1870
Murshidabad	5697224	1405206	7102430	1219	2951	4170	4674	476	1703
Nadia	3730897	1437591	5168488	860	5776	6636	4338	249	779
North 24-Parganas	4275724	5807128	10082852	1033	7602	8635	4139	764	1168
Paschim Medinipur	5228308	714992	5943300	1489	3675	5164	3511	195	1151
Purba Medinipur	4500770	593468	5094238	967	2813	3780	4654	211	1348
Puruliya	2554584	373381	2927965	919	1686	2605	2780	221	1124
South 24-Parganas	6065179	2087997	8153176	1214	3837	5051	4996	544	1614
Uttar Dinajpur	2638662	362187	3000849	328	897	1225	8045	404	2450
<b>West Bengal</b>	<b>62213676</b>	<b>29134060</b>	<b>91347736</b>	<b>16498</b>	<b>90563</b>	<b>107061</b>	<b>3771</b>	<b>322</b>	<b>853</b>

## **Chapter – VII**

# **HOSPITAL INFORMATION SYSTEM**

---

---



## Introduction :

The chapter 'Hospital Information System' shows the performance of the hospitals under Health & Family Welfare Department, Government of West Bengal for the period January – December, 2011 separately for Medical College Hospitals, District Hospitals, Sub-divisional Hospitals, State General Hospitals, Other hospitals, Rural Hospitals and Block Primary Health Centres (BPHCs). The performance indicators, e.g., Bed Occupancy Rate (BOR), Bed Turnover Rate (BTR), Average Length of Stay (ALOS), etc. are also included in this chapter by type of hospitals in all the districts of West Bengal. In this chapter the list of RHs include those BPHCs upgraded to Rural Hospitals. In the tables showing hospital wise performance & performance indicators, the hospitals are ranked as follows:-

1. For District hospitals and Sub-divisional hospitals, the hospitals are ranked by giving 1/3<sup>rd</sup> weight each to % of delivery to admission, bed occupancy rate and % of imaging & electro-medical tests & laboratory tests to total IPD & OPD.
2. For State General Hospitals, the hospitals are ranked by giving 50% weight each to % of deliveries to admission and bed occupancy rate.
3. For rural hospitals and BPHCs, the hospitals are ranked by giving 50% weight each to out-patient per bed day and % of deliveries to admission.

**Table VII.1 : Performance of the State Government Hospitals under Health & Family Welfare Department by Type of Hospitals for the Years 2010 & 2011**

Type of Hospital	No. of out-patients		No. of admissions		No. of deliveries		No. of major surgeries performed	
	2010 (in lakh)	2011 (in lakh)	2010 (in lakh)	2011 (in lakh)	2010 (in lakh)	2011 (in lakh)	2010 (in lakh)	2011 (in lakh)
MCH	49.80	60.55	6.08	8.31	0.99	1.34	0.81	1.25
DH	44.87	46.93	7.34	7.16	1.19	1.22	0.63	0.60
SDH	72.70	68.55	10.54	10.44	1.85	1.91	0.65	0.65
SGH	25.22	24.66	2.65	2.55	0.37	0.37	0.14	0.15
Other Hospitals *	13.45	10.94	1.16	1.11	0.04	0.05	0.11	0.10
RH	85.87	210.01	5.89	11.27	1.18	2.51	-	-
BPHC	162.57	39.43	6.40	1.22	1.38	0.27	-	-
PHC	224.22	241.56	0.63	0.89	0.20	0.26	-	-
SC **	281.70	350.40	-	-	0.07	0.04	-	-
Total	960.40	1053.03	40.69	42.95	7.27	7.97	2.34	2.75

\* Other Hospitals include Other Teaching Hospitals.

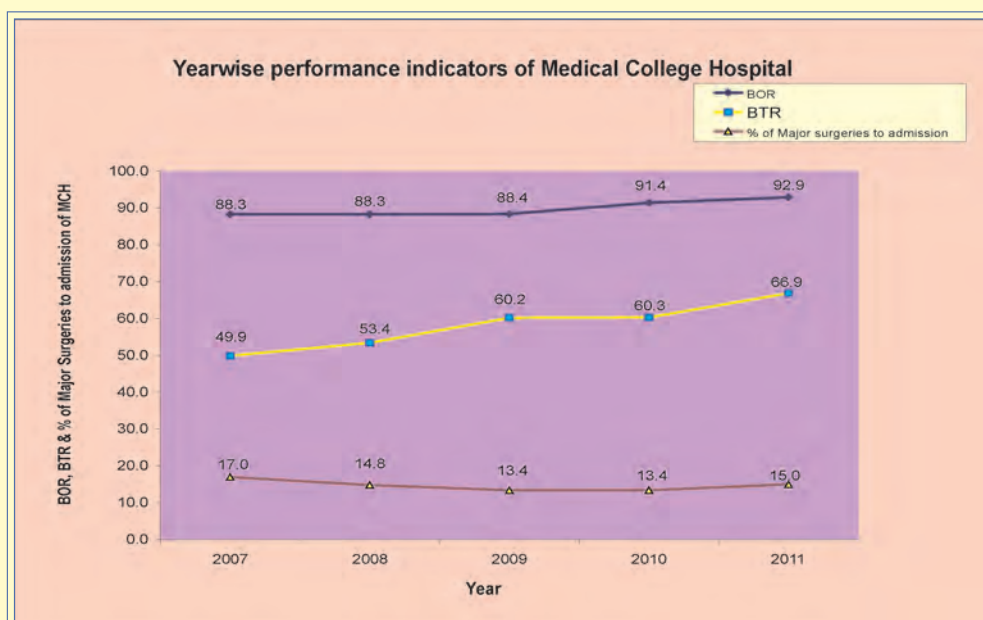
\*\* Outpatients of Sub-Centres mean Clinic Attendance.

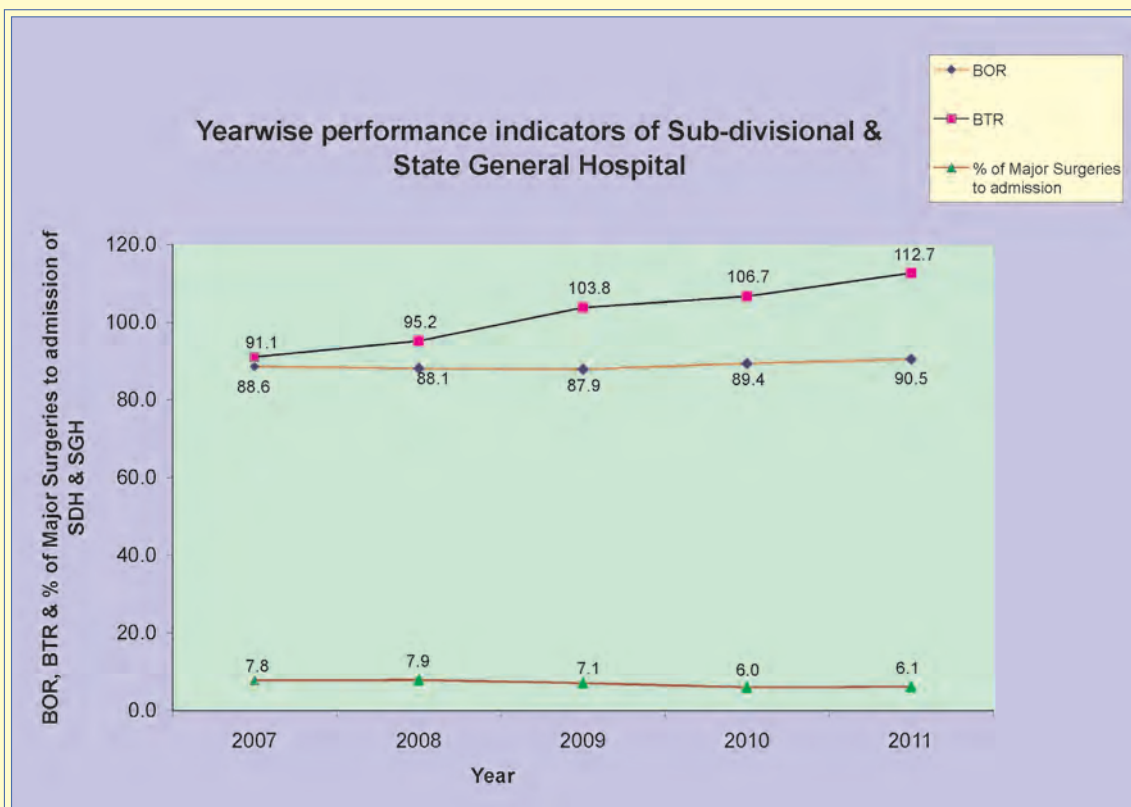
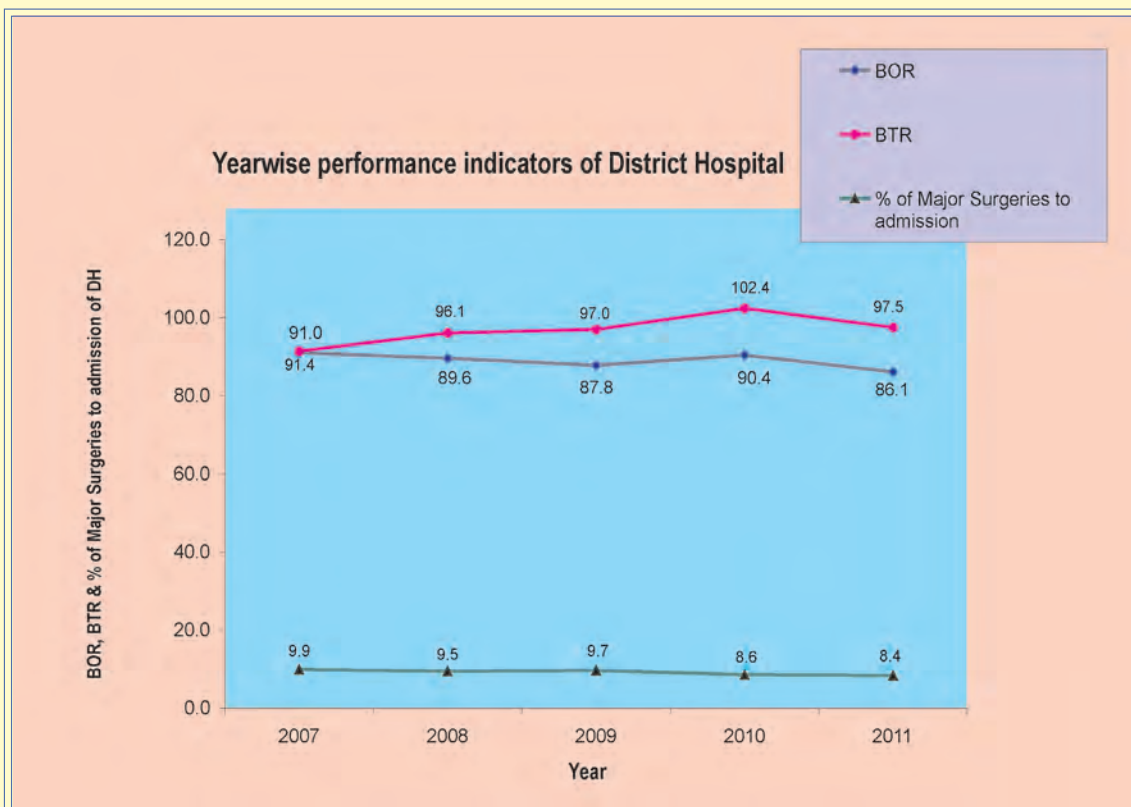
Note : A comparative study on the performance values of RH & BPHC between the years 2010 & 2011 shows a large difference due to the reason that the list of RHs has been revised for the year 2011 by including those BPHCs upgraded to RH & the list of BPHCs for 2011 includes only 79 BPHCs.



**Table VII.2 : Year-wise Performance Indicators in the Medical Institutions up to BPHC Level of West Bengal**

Type of Hospital	Year	Performance Indicators			
		Bed occupancy rate	Bed turnover rate	% of major surgery to admission	% of patients referred out to total discharged patients
Medical College Hospital	2007	88.3	49.9	17.0	-
	2008	88.3	53.4	14.8	-
	2009	88.4	60.2	13.4	-
	2010	91.4	60.3	13.4	-
	2011	92.9	66.9	15.0	-
District Hospital	2007	91.0	91.4	9.9	6.4
	2008	89.6	96.1	9.5	6.8
	2009	87.8	97.0	9.7	7.3
	2010	90.4	102.4	8.6	7.6
	2011	86.1	97.5	8.4	8.6
Sub-divisional & State General Hospital	2007	88.6	91.1	7.8	10.2
	2008	88.1	95.2	7.9	10.9
	2009	87.9	103.8	7.1	9.1
	2010	89.4	106.7	6.0	11.0
	2011	90.5	112.7	6.1	12.8
Rural Hospital	2007	91.4	125.1	-	16.4
	2008	90.7	134.4	-	16.6
	2009	96.4	149.9	-	15.2
	2010	95.5	150.9	-	15.9
	2011	64.0	122.9	-	16.7
Block Primary Health Centre	2007	76.9	131.8	-	15.5
	2008	91.3	161.3	-	14.8
	2009	84.1	156.5	-	12.5
	2010	84.3	157.2	-	14.1
	2011	55.0	119.4	-	15.3





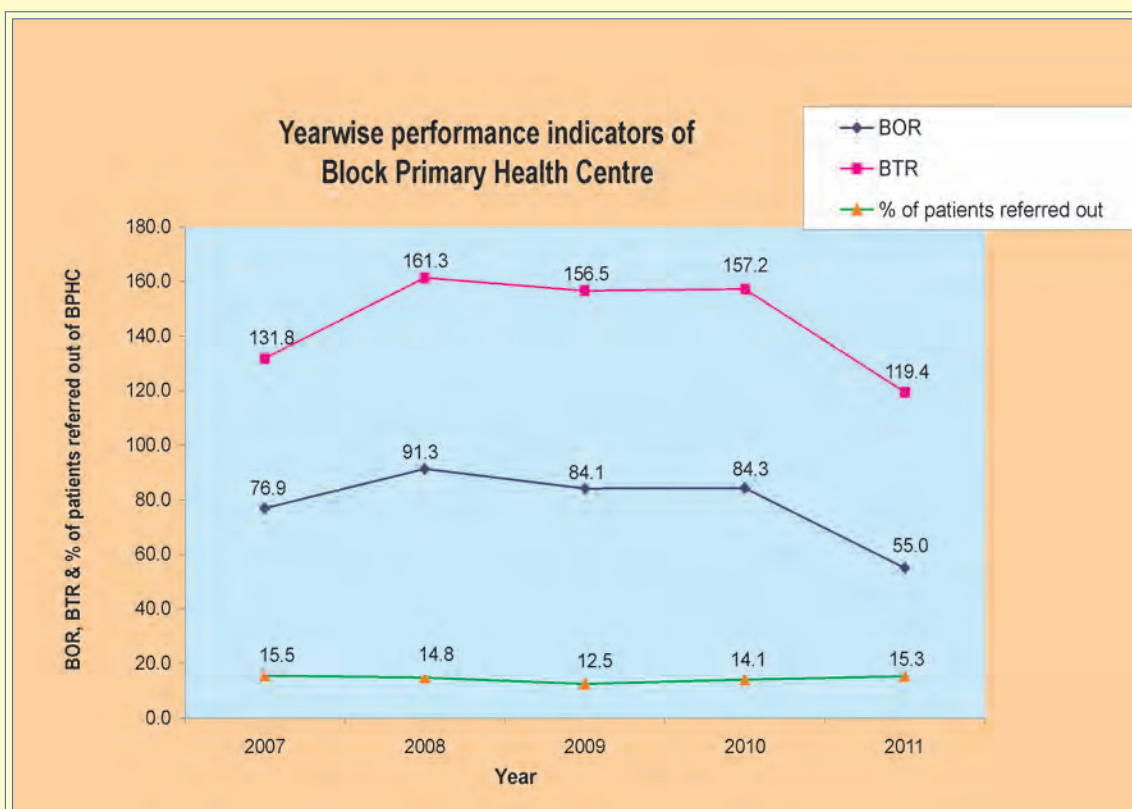
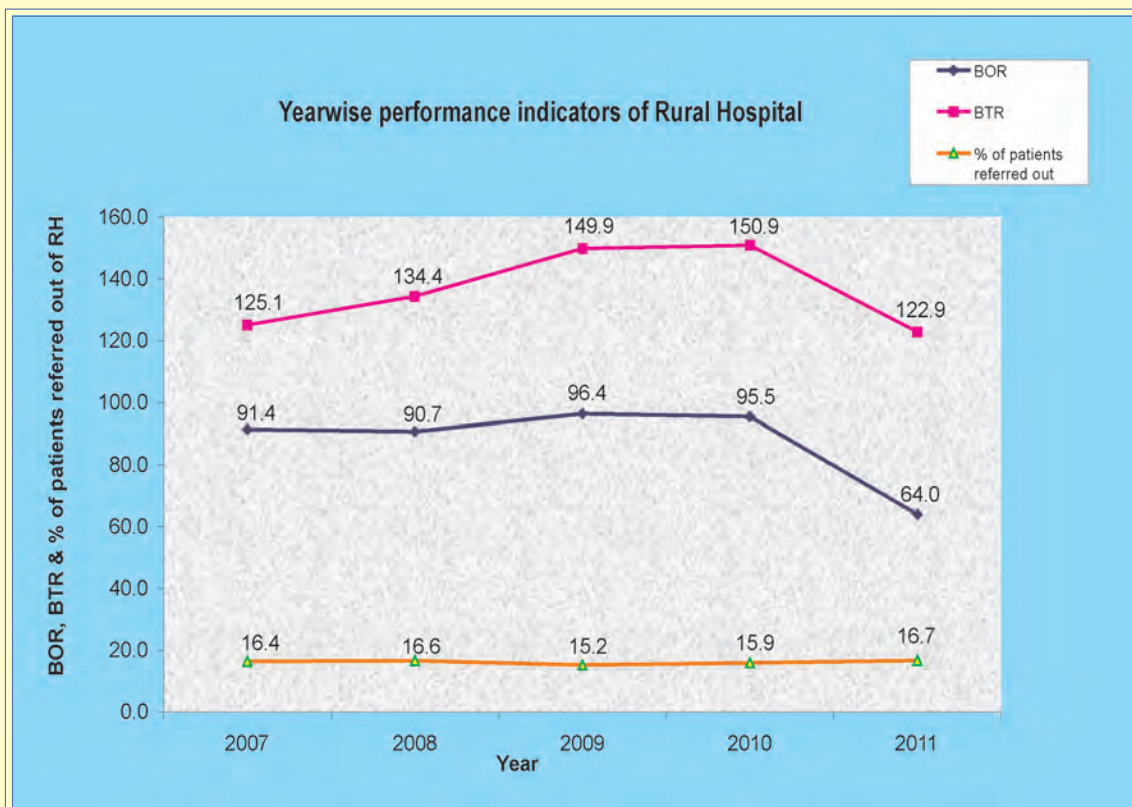


Table VII.3 : Performance of Medical College Hospitals in West Bengal during 2011 (January to December)

Medical College Hospital	Total Outpatients	Total patients attending emergency	No of major surgeries performed	Total deliveries performed	Total no. of X-rays done	Total laboratory tests done	Total endoscopies done	Total number of emergency admissions	Total number of admissions	Total discharge	Total death
Bankura SMCH	747314	79234	13055	19421	51065	287783	0	72566	93922	85011	88506
Bardhaman MCH	711007	119890	12693	19241	63485	339682	0	111785	119102	113611	118792
Kolkata MCH	638191	145238	27383	13886	133824	286496	2592	79887	94826	81188	84706
Kolkata National MCH	355701	139265	4380	8825	0	621599	0	48853	66402	51919	55569
North Bengal MCH	402942	62403	3989	7473	20404	222704	433	44670	58820	47346	51039
NRS MCH Kolkata	690877	94302	18313	9516	72897	2458704	0	36728	66719	60893	66191
RG Kar MCH Kolkata	813361	182799	4402	18320	64171	815456	3160	58243	69602	66203	69743
SSKM Hospital Kolkata	692521	154211	23837	2960	103813	694769	11206	20623	52637	44633	47115
Medinipur Medical College & Hospital	379830	73634	6733	12834	31433	95554	0	66483	74029	69753	69890
College of Medicine & Sagar Dutta Hospital	187015	47618	384	1121	7147	22773	0	7851	8370	6480	7004
Malda MCH	217811	84670	5219	12297	23400	109183	0	75659	82137	79198	82109
College of Medicine & Kalyani JNM Hospital	218578	65098	4161	7764	11375	47905	0	43310	44353	43063	44268
<b>Medical College Hospitals</b>	<b>6055148</b>	<b>1248362</b>	<b>124549</b>	<b>133658</b>	<b>583014</b>	<b>253376</b>	<b>17391</b>	<b>666658</b>	<b>830919</b>	<b>749298</b>	<b>784932</b>
Other Teaching Hospitals											
School of Tropical Medicine	109205	0	0	0	3764	2874	392	0	2360	2139	2360
Dr. B.C. Roy Post Graduate Institute of Paediatric Sciences (Phoolbagan Campus)	208978	44015	600	0	10920	2952	71	17304	17304	11062	12666
Dr. B.C. Roy Post Graduate Institute of Paediatric Sciences (Beliaghata Campus)	15185	0	1874	0	4952	0	0	0	5981	5371	5371

**Table VII.4 : Performance Indicators of Medical College Hospitals in West Bengal during 2011 (January to December)**

Medical College Hospital	Bed turnover rate	Bed occupancy rate in %	Average length of stay	Outpatient per bed day	% of major surgery to admission	% of deliveries to admission	Emergency admission rate (%)	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD
Bankura SMCH	93.6	101.3	4.0	2.2	13.9	20.7	91.6	8.1	26.2
Bardhaman MCH	108.1	88.9	3.0	1.8	10.7	16.2	93.2	9.9	31.8
Kolkata MCH	62.4	102.7	6.0	1.3	28.9	14.6	55.0	15.1	25.0
Kolkata National MCH	42.8	81.0	6.9	0.8	6.6	13.3	35.1	0.0	84.1
North Bengal MCH	85.2	129.6	5.6	1.8	6.8	12.7	71.6	6.0	32.4
NRS MCH Kolkata	35.0	80.8	8.4	1.0	27.4	14.3	38.9	8.5	196.9
RG Kar MCH Kolkata	60.1	111.2	6.8	1.9	6.3	26.3	31.9	6.5	63.5
SSKM Hospital Kolkata	30.6	85.9	10.3	1.2	45.3	5.6	13.4	13.0	59.1
Medinipur Medical College & Hospital	124.6	110.5	3.2	1.9	9.1	17.3	90.3	7.5	15.8
College of Medicine & Sagar Dutta Hospital	53.5	61.2	4.2	3.9	4.6	13.4	16.5	3.3	10.5
Malda MCH	136.8	91.9	2.5	1.0	6.4	15.0	89.4	8.0	26.1
College of Medicine & Kalyani JNM Hospital	80.5	63.5	2.9	1.1	9.4	17.5	66.5	4.7	13.8
<b>Medical College Hospitals</b>	<b>66.9</b>	<b>92.9</b>	<b>5.1</b>	<b>1.4</b>	<b>15.0</b>	<b>16.1</b>	<b>53.4</b>	<b>8.5</b>	<b>59.8</b>
<b>Other Teaching Hospitals</b>									
School of Tropical Medicine	21.5	90.3	15.4	2.7	0.0	0.0	0.0	4.8	37.4
Dr. B.C. Roy Post Graduate Institute of Paediatric Sciences (Phoolbagan Campus)	35.2	66.9	6.9	1.6	3.5	0.0	39.3	4.7	5.8
Dr. B.C. Roy Post Graduate Institute of Paediatric Sciences (Beliaghata Campus)	26.9	52.2	7.1	0.2	31.3	0.0	0.0	9.3	15.3



Table VII.5 : Performance of District Hospitals in West Bengal during 2011 (January to December)

District Hospital	Total Outpatients	Total patients attending emergency	No. of major surgeries performed	Total deliveries performed	Total no. of X-rays done	Total no. of USG's done	Total laboratory tests done	No. of post-mortems done	Total number of emergency admissions	Total discharge	Total discharge and death	No. of cases referred out	No. of referred cases
Birbhum	240905	58867	3284	10720	16337	7511	98260	629	58568	58810	56257	57294	1628
Dakshin Dinajpur	162898	46588	2666	5504	9176	13330	68474	673	38056	38997	32937	34133	2841
Darjiling	63686	17911	1401	2443	8659	2220	59086	160	16651	16830	16310	16802	187
Haora	223969	61288	2662	4830	14411	7351	100957	614	28672	30027	29248	29643	3068
Hugli	271364	60016	4347	7549	28271	5980	128261	1082	47755	47913	45907	46739	3986
Jalpaiguri	389526	76492	7059	8110	25226	4534	108033	1327	51286	56926	50571	52163	6368
Koch Bihar	262695	43577	2738	4832	16883	4896	77027	742	38383	40637	37857	39419	3066
Murshidabad	396464	56648	7262	18972	6913	0	75124	204	49809	59081	58160	59023	7944
Baharampur Gnl*	157825	15751	1144	0	11417	4365	28071	324	15188	21857	18311	18730	1969
North 24-Parganas	730941	91583	4043	9357	26952	10809	197814	1161	59872	63709	62594	63640	5251
Nadia	319306	86850	7844	13742	25936	7593	45231	1335	71289	75082	73286	75008	16018
Purba Medinipur	237181	33728	5089	8199	16484	5274	77464	869	25165	27702	22444	23621	4876
Puruliya	312624	87244	2464	10804	14332	2942	99306	926	59829	61361	46824	48866	4267
Siliguri	262176	47241	1850	5251	7653	5444	30264	0	27363	35318	27482	27934	NA
South 24-Parganas	422689	94104	3413	5045	17223	5818	62122	0	42062	44977	40546	42484	11421
Uttar Dinajpur	238949	43215	2808	6990	4806	2923	146525	560	36769	36824	34726	36059	3389
<b>District Hospitals</b>	<b>4693198</b>	<b>921103</b>	<b>60074</b>	<b>122348</b>	<b>250679</b>	<b>90990</b>	<b>1402019</b>	<b>10606</b>	<b>666717</b>	<b>716051</b>	<b>653460</b>	<b>671558</b>	<b>76279</b>

\* Running as a part of Murshidabad District Hospital

**Table VII.6 : Rank of District Hospitals by Performance Indicators during 2011 (January to December)**

Rank	District Hospital	Bed turnover rate	Bed occupancy rate in %	Average length of stay	Outpatient per bed day	% of admission to major surgery	% of deliveries to admission	Emergency admission rate (%)	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total patients	% of patients referred in to total inpatients
1	Murshidabad	151.0	141.2	3.4	2.8	12.3	32.1	87.9	1.2	12.6	7.3	13.4
2	Purba Medinipur	70.3	91.9	4.8	1.9	18.4	29.6	74.6	6.2	22.1	13.8	17.6
3	Nadia	145.6	116.2	2.9	1.7	10.4	18.3	82.1	6.2	8.4	8.6	21.3
4	Uttar Dinajpur	120.2	78.5	2.4	2.2	7.6	19.0	85.1	2.4	45.1	6.8	9.2
5	Hugli	86.6	90.8	3.8	1.4	9.1	15.8	79.6	7.6	28.5	9.3	8.3
6	Dakshin Dinajpur	106.7	88.3	3.0	1.4	6.8	14.1	81.7	8.5	25.7	6.5	7.3
7	Darjiling	54.6	73.9	4.9	0.6	8.3	14.5	93.0	7.4	40.3	2.5	1.1
8	Birbhum	110.2	78.3	2.6	1.3	5.6	18.2	99.5	6.1	25.2	6.7	2.8
9	North 24-Parganas	149.7	83.8	2.0	4.7	6.3	14.7	65.4	4.4	23.0	11.3	8.2
10	Baharampur Gnl.*	83.2	107.6	4.7	1.9	5.2	0.0	96.4	6.4	11.4	13.8	9.0
11	Jalpaiguri	94.8	84.4	3.2	1.9	12.4	14.2	67.0	5.3	19.3	8.8	11.2
12	Koch Bihar	98.5	83.9	3.1	1.8	6.7	11.9	88.1	5.7	20.0	4.7	7.5
13	Puruliya	96.6	77.5	2.9	1.7	4.0	17.6	68.6	3.8	21.8	8.1	7.0
14	Haora	48.6	66.2	5.0	1.0	8.9	16.1	46.8	5.9	27.2	8.5	10.2
15	South 24-Parganas	70.8	73.2	3.8	1.9	7.6	11.2	44.7	4.0	10.7	10.7	25.4
16	Siliguri	81.0	57.4	2.6	2.1	5.2	14.9	57.9	3.9	9.1	11.2	NA
	<b>District Hospitals</b>	<b>97.5</b>	<b>86.1</b>	<b>3.2</b>	<b>1.9</b>	<b>8.4</b>	<b>17.1</b>	<b>72.4</b>	<b>5.0</b>	<b>20.4</b>	<b>8.6</b>	<b>10.7</b>

\* Running as a part of Murshidabad District Hospital

Note : District Hospitals are ranked by giving 1/3rd weight each to % of delivery to admission, Bed Occupancy Rate and % of Imaging & Electro-medical tests & laboratory tests to total IPD & OPD

Table VII.7 : Performance of Sub-Divisional and State General Hospitals in West Bengal during 2011 (January to December)

SD and SG Hospital	District	Total Outpatients	Total patients attending emergency	No. of major surgeries performed	Total deliveries performed	Total no. of X-rays done	Total no. of USG's done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Bishnupur SD	Bankura	266865	31430	811	4205	14928	8916	51878	26402	22944	23370	2968
Khatra SD	Bankura	118809	16843	0	1329	2997	0	17207	11688	7050	7137	126
Asansol SD	Bardhaman	99684	49584	2840	7421	8385	4263	35759	36337	32803	34175	720
Durgapur SD	Bardhaman	81458	30800	2093	4832	4129	474	19315	23340	22666	23254	829
Kalna SD	Bardhaman	92869	67918	4266	4834	7342	4059	26489	33276	31806	32518	3952
Katwa SD	Bardhaman	162503	49142	3373	6486	10105	4971	27401	34999	32450	33213	3233
Bolpur SD	Birbhum	167931	32459	2272	5627	13309	4836	61537	31848	29780	30498	3838
Rampurhat SD	Birbhum	164261	56462	3123	9966	11820	5828	33796	49127	42465	43852	3693
Gangarampur SD	D Dinaipur	217271	37221	902	6040	4628	5214	43849	30524	29902	30281	3491
Kalimpong SD	Darjiling	93963	10302	1245	1824	7674	2571	26921	12601	11970	12261	390
Kurseong SD	Darjiling	131300	14292	746	1010	9683	4054	83188	9296	8249	8471	797
Uluberia SD	Hoara	227575	43197	1986	6373	16360	6347	114679	38887	36344	37320	6111
Arambag SD	Hugli	195570	50382	1418	5097	14881	3439	67954	33358	28497	29234	3192
Chandannagar SD	Hugli	140623	19056	206	3507	13281	2120	89750	20166	14089	14511	1920
Srirampur SD	Hugli	119552	29889	1721	3171	13661	4969	31845	18214	10146	10760	2768
Alipurduar SD	Jalpaiguri	284635	70855	1568	3966	11038	7808	89941	28191	17277	17927	2873
Mal SD	Jalpaiguri	110255	54549	302	2624	4400	7238	57008	13498	10359	10750	1974
Dinhata SD	Koch Bihar	180847	41173	1927	5313	6475	2988	70933	31602	25726	26083	4131
Mathabhanga SD	Koch Bihar	85203	36804	1073	5342	6436	0	26593	25887	18972	19185	3227
Mekhliganj SD	Koch Bihar	56710	19774	254	1204	2655	0	17981	6637	5047	5098	432
Tufanganj SD	Koch Bihar	90519	28450	644	3336	4352	1338	19555	16433	13936	14213	1477
Domkal SD	Murshidabad	123734	22965	262	3112	87	2941	3863	9912	9834	9836	1552
Jangipur SD	Murshidabad	221268	55636	2658	7827	9328	7247	27498	45375	43899	44791	3882

Contd...



Table VII.7 : Performance of Sub-Divisional and State General Hospitals in West Bengal during 2011 (January to December) - contd.

SD and SG Hospital	District	Total Outpatients	Total patients attending emergency	No. of major surgeries performed	Total deliveries performed	Total no. of X-rays done	Total no. of USG's done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Kandi SD	Murshidabad	141979	36810	2583	5959	6310	3710	21764	36477	32697	33328	4032
Lalbag SD	Murshidabad	222012	36145	1480	5287	5290	2271	16459	32811	28614	29298	2987
Chanchal SD	Malda	90369	16124	0	2995	1619	0	48209	13492	11603	11769	2671
Barackpur SD	N.24-Parganas	142341	50991	1648	3706	10368	1638	58047	27169	21105	21874	3635
Basirhat SD	N.24-Parganas	167689	40703	1251	5763	6600	1647	45572	34522	27343	29987	3979
Bongaon SD	N.24-Parganas	193107	49836	3216	6364	11505	10805	14023	43364	27712	28609	4194
Salt Lake SD	N.24-Parganas	112950	19328	1483	1476	8349	2139	21369	5711	5203	5320	304
Ranaghat SD	Nadia	251886	44919	1409	4885	11756	5927	53454	30455	30160	30777	4435
Tehatta SD	Nadia	127825	12091	455	2090	4108	2102	39547	12570	12160	12409	1796
Ghatal SD	Ps. Medinipur	171277	19658	3190	4829	8801	3250	41526	18080	17629	17766	1629
Jhargram SD	Ps. Medinipur	285379	28652	2511	4881	8493	2903	34472	23424	22444	22581	1944
Kharagpur SD	Ps. Medinipur	151749	22684	1834	3833	16175	3119	86330	18946	18401	18538	1756
Contai SD	Pu. Medinipur	111719	25966	105	5375	NA	110	10961	26265	25505	26177	2566
Egra SD	Pu. Medinipur	55421	15336	673	5644	1710	2939	11941	13009	12044	12303	109
Haldia SD	Pu. Medinipur	168674	12469	874	2572	7524	NA	33410	10588	9605	9721	152
Raghunathpur SD	Puruliya	129433	62319	669	2868	7921	9224	61815	16017	12452	12698	3057
Baruipur SD	S.24-Parganas	175021	66000	402	2619	8233	37	28408	14891	13542	13880	2210
Canning SD	S.24-Parganas	268269	30360	403	2630	8999	1831	63424	15422	9869	11807	1479
Diamond Harbour SD	S.24-Parganas	280027	44844	1905	4779	5813	3263	13610	27580	20462	22400	2258
Kakdwip SD	S.24-Parganas	104769	21768	721	2981	4688	0	14747	13048	9726	11664	456
Islampur SD	Uttar Dinajpur	70191	28301	2398	4757	3009	1575	48729	22669	21502	22153	2826
<b>SD Hospitals</b>		<b>6855492</b>	<b>1554487</b>	<b>64900</b>	<b>190739</b>	<b>345225</b>	<b>150111</b>	<b>1812757</b>	<b>1044108</b>	<b>895989</b>	<b>923797</b>	<b>106051</b>

Table VII.7 : Performance of Sub-Divisional and State General Hospitals in West Bengal during 2011 (January to December) - concl'd.

SD and SG Hospital	District	Total Outpatients	Total patients attending emergency	No. of major surgeries performed	Total deliveries performed	Total no. of X-rays done	Total no. of USG's done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Fort Gloster SG	Haora	52386	5605	0	203	0	0	0	2482	2237	2249	715
Belur SG	Haora	60447	19158	23	69	3246	0	3598	1344	971	983	1101
Gabberia SG	Haora	164823	20000	1424	1792	5661	2180	29696	9708	7001	7137	2088
South Haora SG	Haora	75839	21037	152	375	3379	965	12409	2968	1710	1744	1537
TLJ Hospital Lilua	Haora	116966	23844	1267	1506	5581	5008	13396	10194	6908	7151	1511
Udaynarayanpur SG	Haora	88950	13729	1324	2645	3956	2314	18352	11966	8388	8502	1448
Uttarpara SG	Hugli	86416	22797	1147	1769	6679	3982	30541	15818	10205	10766	1823
Birpara SG	Jalpaiguri	95293	45644	221	3035	7696	3946	33316	18163	16266	16759	1973
Asoknagar SG	N.24-Parganas	69615	23456	30	117	4682	0	7980	5422	4241	4813	880
Baranagar SG	N.24-Parganas	118275	36300	664	823	6201	2627	8050	6065	3677	3833	1013
Bhatpara SG	N.24-Parganas	89729	72625	100	2382	3379	70	31758	21184	19087	20289	3090
Habra SG	N.24-Parganas	139551	51073	1427	5179	9730	0	45633	28566	18799	19654	4851
Naihati SG	N.24-Parganas	72437	23841	502	1946	6255	0	22551	16004	12041	13073	919
Panihati SG	N.24-Parganas	191557	70434	519	802	6979	353	24877	16311	13386	13877	2361
Sri Balaram	N.24-Parganas	69864	25281	1228	174	5409	2798	16843	5771	4936	4936	285
Seba Mandir												
Chakdaha SG	Nadia	115149	48555	599	1420	7089	1951	29091	9976	9744	9793	1367
Nabadwip SG	Nadia	160159	32428	713	3146	7263	2500	18126	18048	17397	17896	1765
Shantipur SG	Nadia	249240	60705	1227	1922	7373	1701	37319	14403	13829	14013	1991
Digha SG	Pu. Medinipur	42977	6630	77	1029	1804	342	5055	6386	2481	2504	372
Bagha Jatin SG	S.24-Parganas	48432	32136	158	722	5234	2001	16451	2813	2677	2795	92
Bijoygarh SG	S.24-Parganas	45845	8172	80	56	2090	0	4108	921	861	894	89
Garden Reach Hospital	S.24-Parganas	67337	9036	0	118	0	0	1843	5553	5220	5432	203
Vidyasagar SG	S.24-Parganas	177232	57672	1242	2552	10836	3514	52720	15417	10371	12309	742
Kaliaganj SG	Uttar Dinajpur	67635	10677	784	2874	4441	0	1288	9054	8266	8345	1594
SG Hospitals		2466154	740835	14908	36656	124963	36252	465001	254537	200699	209747	33810
SD and SG Hospitals		9321646	2295322	79808	227395	470188	186363	2277758	1298645	1096688	1133544	139861

Table VII.8 : Rank of Sub-divisional and State General Hospitals by Performance Indicators during 2011 (January to December)

Rank	SD and SG Hospital	District	Bed turnover rate	Bed occupancy rate in %	Average length of stay	Outpatient per bed day	% of major surgery to admission	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to
1	Islampur SD	Uttar Dinajpur	325.8	249.0	2.8	2.8	10.6	21.0	3.5	36.9	13.1
2	Bolpur SD	Birbhum	240.1	162.1	2.5	3.6	7.1	17.7	7.5	25.3	12.9
3	Uluberia SD	Hoara	177.7	144.8	3.0	3.0	5.1	16.4	6.7	33.9	16.8
4	Raghunathpur SD	Puruliya	127.0	126.2	3.6	3.5	4.2	17.9	9.8	35.2	24.6
5	Canning SD	S.24-Parganas	173.6	145.8	3.1	10.8	2.6	17.1	3.6	20.8	15.0
6	Baruipur SD	S.24-Parganas	204.1	149.8	2.7	7.1	2.7	17.6	3.9	13.4	16.3
7	Gangarampur SD	Daks. Dinajpur	252.3	145.0	2.1	5.0	3.0	19.8	3.5	15.6	11.7
8	Egra SD	Pu. Medinipur	180.9	118.0	2.4	2.2	5.2	43.4	5.5	14.1	0.9
9	Chanchal SD	Malda	173.1	100.0	2.1	3.6	0.0	22.2	1.4	41.9	23.0
10	Tehatta SD	Nadia	182.5	113.5	2.3	5.2	3.6	16.6	4.0	25.4	14.8
11	Kakdwip SD	S.24-Parganas	116.6	121.2	3.8	2.9	5.5	22.8	3.1	9.9	4.7
12	Ranaghat SD	Nadia	180.0	117.2	2.4	4.0	4.6	16.0	5.4	16.4	14.7
13	Dinhata SD	Kochbihar	144.9	105.9	2.7	2.8	6.1	16.8	3.8	28.3	16.1
14	Kurseong SD	Darjiling	74.3	85.6	4.2	3.2	8.0	10.9	8.2	49.8	9.7
15	Kharagpur SD	Ps. Medinipur	67.2	88.2	4.8	1.5	9.7	20.2	8.0	35.9	9.5
16	Chandannagar SD	Hugli	58.0	83.4	5.2	1.5	1.0	17.4	7.1	41.4	13.6
17	Tufanganj SD	Koch Bihar	142.1	107.9	2.8	2.5	3.9	20.3	4.4	15.1	10.6
18	Mal SD	Jalpaiguri	107.5	78.5	2.7	3.0	2.2	19.4	8.4	41.0	19.1
19	Asansol SD	Bardhaman	124.3	101.3	3.0	1.0	7.8	20.4	6.3	17.8	2.2
20	Ghatal SD	Ps. Medinipur	118.4	90.8	2.8	3.1	17.6	26.7	5.5	18.8	9.2
21	Bishnupur SD	Bankura	101.6	100.9	3.6	3.2	3.1	15.9	6.8	14.8	12.9
22	Lalbag SD	Murshidabad	142.2	112.6	2.9	3.0	4.5	16.1	2.5	5.4	10.4
23	Bongaon SD	N24P	114.4	109.0	3.5	2.1	7.4	14.7	7.6	4.8	15.1
24	Arambag SD	Hugli	116.9	87.7	2.7	2.1	4.3	15.3	6.6	24.7	11.2
25	Jangipur SD	Murshidabad	179.2	102.1	2.1	2.4	5.9	17.2	5.3	8.7	8.8
26	Mathabhanga SD	Kochbihar	159.9	80.8	1.8	1.9	4.1	20.6	5.3	22.0	17.0

contd..

Table VII.8 : Rank of Sub-divisional and State General Hospitals by Performance Indicators during 2011 (January to December) - contd.

Rank	SD and SG Hospital	District	Bed turnover rate	Bed occupancy rate in %	Average length of stay	Outpatient per bed day	% of major surgery to admission	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to
27	Salt Lake SD	N24P	53.2	79.0	5.4	3.1	26.0	25.8	7.4	15.1	5.8
28	Rampurhat SD	Birbhum	153.3	85.6	2.0	1.6	6.4	20.3	7.0	13.3	8.7
29	Durgapur SD	Bardhaman	116.3	88.8	2.8	1.1	9.0	20.7	3.1	13.2	3.7
30	Kalna SD	Bardhaman	130.1	89.6	2.5	1.0	12.8	14.5	6.5	15.2	12.4
31	Barrackpur SD	N24P	109.4	75.7	2.5	1.9	6.1	13.6	6.1	29.4	17.2
32	Alipurduar SD	Jalpaiguri	79.7	78.2	3.6	3.5	5.6	14.1	5.4	25.8	16.6
33	Haldia SD	Pu. Medinipur	97.2	81.5	3.1	4.6	8.3	24.3	0.0	16.8	1.6
34	Kandi SD	Murshidabad	133.3	91.9	2.5	1.6	7.1	16.3	4.4	9.6	12.3
35	Contai SD	Pu. Medinipur	185.7	92.9	1.8	2.2	0.4	20.5	0.0	6.9	10.1
36	Basirhat SD	N24P	149.9	79.4	1.9	2.3	3.6	16.7	3.7	20.2	14.6
37	Jhargram SD	Ps. Medinipur	85.2	85.9	3.7	3.0	10.7	20.8	3.1	9.4	8.7
38	Katwa SD	Bardhaman	155.9	79.5	1.9	2.1	9.6	18.5	6.7	12.2	10.0
39	Srirampur SD	Hugli	40.5	71.5	6.5	1.2	9.4	17.4	9.9	16.9	27.3
40	Diamond Harbour SD	S24P	89.6	91.2	3.7	3.1	6.9	17.3	2.5	3.7	11.0
41	Kalimpong SD	Darjiling	37.8	80.0	7.7	0.8	9.9	14.5	5.4	14.3	3.3
42	Khatra SD	Bankura	71.4	80.6	4.1	3.3	0.0	11.4	2.0	11.6	1.8
43	Domkal SD	Murshidabad	144.6	66.4	1.7	5.0	2.6	31.4	2.2	2.8	15.8
44	Mekhliganj SD	Kochbihar	42.5	22.1	1.9	1.3	3.8	18.1	4.0	27.1	8.6
	<b>SD Hospitals</b>		<b>122.4</b>	<b>96.2</b>	<b>2.9</b>	<b>2.5</b>	<b>6.2</b>	<b>18.3</b>	<b>5.2</b>	<b>19.1</b>	<b>11.8</b>

Note: Sub-divisional Hospitals are ranked by giving 1/3rd weight each to % of Bed Occupancy Rate, % of deliveries to admission, % of Imaging and Electro-medical test & % of laboratory test to total IPD and OPD.

Table VII.8 : Rank of Sub-divisional and State General Hospitals by Performance Indicators during 2011 (January to December) - conclud.

Rank	SD and SG Hospital	District	Bed turnover rate	Bed occupancy rate in %	Average length of stay	Outpatient per bed day	% of major surgery to admission	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
1	Udaynarayanpur SG	Haora	141.7	139.0	3.6	4.1	11.1	22.1	5.3	15.4	17.3
2	Birpara SG	Jalpaiguri	167.6	143.6	3.1	2.6	1.2	16.7	7.9	22.6	12.1
3	Nabadwip SG	Nadia	143.2	109.0	2.8	3.5	4.0	17.4	4.7	8.6	10.1
4	Haora SG	N.24-Parganas	150.0	86.4	2.1	2.9	5.0	18.1	5.4	25.2	25.8
5	Gabberia SG	Haora	60.5	81.0	4.9	3.8	14.7	18.5	3.9	14.9	29.8
6	Belur SG	Haora	98.3	90.9	3.4	16.6	1.7	5.1	5.1	5.6	113.4
7	Panihati SG	N.24-Parganas	92.5	88.6	3.5	3.5	3.2	4.9	3.1	10.4	17.6
8	Naihati SG	N.24-Parganas	99.8	80.9	3.0	1.5	3.1	12.2	5.6	20.3	7.6
9	Chakdaha SG	Nadia	97.9	77.3	2.9	3.2	6.0	14.2	6.3	20.3	14.0
10	Shantipur SG	Nadia	107.0	74.3	2.5	5.2	8.5	13.3	3.2	13.1	14.4
11	Garden Reach Hospital	S.24-Parganas	362.1	82.6	0.8	12.3	0.0	2.1	0.0	2.6	3.9
12	Uttarpara SG	Hugli	52.8	68.0	4.7	1.2	7.3	11.2	7.8	22.3	17.9
13	Bhatpara SG	N.24-Parganas	151.4	67.6	1.6	1.8	0.5	11.2	2.8	25.9	16.2
14	TLJ Hospital Lilua	Haora	27.5	63.1	8.4	1.2	12.4	14.8	6.0	7.6	21.9
15	Digha SG	Pu. Medinipur	50.1	59.3	4.3	2.4	1.2	16.1	4.0	9.4	15.0
16	Vidyasagar SG	S.24-Parganas	48.1	57.7	4.4	1.9	8.1	16.6	6.2	22.8	7.2
17	Bagha Jatin SG	S.24-Parganas	28.0	46.0	6.0	1.3	5.6	25.7	11.1	25.2	3.4
18	Baranagar SG	N.24-Parganas	38.3	56.3	5.4	3.2	10.9	13.6	6.4	5.8	27.5
19	South Haora SG	Haora	58.1	56.9	3.6	6.9	5.1	12.6	5.3	15.1	89.9
20	Sri Balaran Seba Mandir	N.24-Parganas	49.4	66.4	4.9	1.9	21.3	3.0	8.7	17.9	5.8
21	Bijoygarh SG	S.24-Parganas	25.5	60.7	8.7	3.6	8.7	6.1	3.9	7.7	10.3
22	Asoknagar SG	N.24-Parganas	96.3	53.4	2.0	3.8	0.6	2.2	5.9	10.1	20.7
23	Kaliaganj SG	Uttar Dinajpur	119.2	17.2	0.5	2.6	8.7	31.7	6.2	1.8	19.3
24	Fort Gloster SG	Haora	45.0	33.0	2.7	2.9	0.0	8.2	0.0	0.0	32.0
	<b>SG Hospitals</b>		<b>83.6</b>	<b>73.3</b>	<b>3.2</b>	<b>2.7</b>	<b>5.9</b>	<b>14.4</b>	<b>5.1</b>	<b>14.8</b>	<b>16.8</b>
	<b>SD and SG Hospitals</b>		<b>112.7</b>	<b>90.5</b>	<b>2.9</b>	<b>2.5</b>	<b>6.1</b>	<b>17.5</b>	<b>5.2</b>	<b>18.0</b>	<b>12.8</b>

Note : State General Hospitals are ranked by giving 50% weight each to % of Bed Occupancy Rate and % of deliveries to admission.



**Table VII.9 : Performance of Some Other Hospitals in West Bengal during 2011 (January to December)**

Other Hospital	Total Outpatients	No. of major surgeries performed	Total deliveries performed	Total no. of X-rays done	Total no. of USG's done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death
Abinash Dutta Maternity Home	20916	386	461	0	0	0	906	539	539
Bangur Institute of Neurosciences	70071	1360	0	141	164	104771	2954	2692	2867
Indira Matri-O Sishu Kalyan Hospital	9340	0	160	0	0	0	310	282	282
Gandhi Memorial Hospital	129633	174	0	7075	0	17690	15137	13836	14958
Lady Dufferin Victoria Hospital	57314	2352	3380	1805	7013	35248	10043	8510	8510
Sambhu Nath Pandit Hospital	130222	2870	1233	18130	4136	142089	19128	17443	18464
North Suburban Hospital	69957	0	47	677	0	327	729	641	672
Satyabala ID Hospital	0	0	0	0	0	0	3540	3538	3540
I .D. & B. G. Hospital	50218	0	0	2463	497	43115	30145	28394	28813
Ramrikdas Haralalka Hospital	12044	200	2	0	0	1290	487	445	478
<b>T B and Mental Hospital :</b>									
JD Hospital	46186	0	0	625	0	7281	1156	1026	1093
NSS Kalyani	1569	0	0	541	0	0	121	72	91
R.A.M. TB Hospital	15580	0	0	99	1	3440	329	310	318
Mental Hospital Baharampur	91867	0	0	0	0	5171	211	205	210
Institute of Psychiatry	44971	0	0	0	0	0	353	340	340
Lumbini Park Mental Hospital	11022	0	0	0	0	0	18	15	17

**Table VII.10 : Performance Indicators of Some Other Hospitals in West Bengal during 2011 (January to December)**

Other Hospital	Bed turnover rate	Bed occupancy rate in %	Average length of stay	Outpatient per bed day	% of major surgery to admission	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD
Abinash Dutta Maternity Home	5.4	11.1	7.5	0.6	42.6	50.9	0.0	0.0
Bangur Institute of Neurosciences	22.4	95.4	15.5	1.5	46.0	0.0	0.3	91.4
Indira Matri-O Sishu Kalyan Hospital	9.4	8.4	3.3	0.9	0.0	51.6	0.0	0.0
Gandhi Memorial Hospital	39.0	59.2	5.5	0.9	1.1	0.0	3.3	8.3
Lady Dufferin Victoria Hospital	31.1	47.6	5.6	0.6	23.4	33.7	8.4	33.6
Sambhu Nath Pandit Hospital	32.1	50.4	5.7	0.6	15.0	6.4	9.4	60.2
North Suburban Hospital	12.2	36.2	10.8	3.5	0.0	6.4	0.9	0.4
Satyabala ID Hospital	68.1	22.8	1.2	0.0	0.0	0.0	0.0	0.0
I .D. & B. G. Hospital	43.7	25.6	2.1	0.2	0.0	0.0	2.6	38.5
Ramrikdas Haralalka Hospital	9.6	38.0	14.5	0.7	41.1	0.4	0.0	6.8
<b>T B and Mental Hospital :</b>								
JD Hospital	9.1	59.9	24.0	1.1	0.0	0.0	0.9	10.1
NSS Kalyani	0.1	28.8	832.9	0.0	0.0	0.0	0.7	0.0
R.A.M. TB Hospital	5.3	22.1	15.2	0.7	0.0	0.0	0.5	16.8
Mental Hospital Baharampur	0.6	77.3	470.2	0.7	0.0	0.0	0.0	2.7
Institute of Psychiatry	9.4	51.3	19.8	3.4	0.0	0.0	0.0	0.0
Lumbini Park Mental Hospital	0.1	26.4	1132.4	0.2	0.0	0.0	0.0	0.0

**Table VII.11 : Performance of Rural Hospitals in West Bengal during 2011 (January to December)**

Rural Hospital	District	Total Outpatients	Total patients attending emergency	Total deliveries performed	Total no. of X-rays done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Amarkan	Bankura	113266	19334	1252	2090	15978	5110	5075	5085	1110
Kotulpur	Bankura	93588	8595	1273	2533	13546	7784	7756	7779	1678
Raipur	Bankura	108158	4862	860	1582	11929	4711	4695	4709	1317
Sonamukhi	Bankura	129327	15679	1630	3816	8626	5954	5880	5880	628
Taldangra	Bankura	118341	9867	1057	2771	22041	7262	7188	7220	1601
Indus	Bankura	161421	4537	1106	0	6480	4250	4218	4247	612
Chhatna	Bankura	50215	5773	1044	0	10555	4526	4489	4496	679
Indpur	Bankura	90019	3982	995	0	20931	3844	3774	3775	513
Onda	Bankura	96862	22611	717	0	2891	2522	2490	2490	218
Patrasayer	Bankura	120178	9132	1190	0	20719	4277	4203	4220	1480
Radhanagar	Bankura	111480	2783	323	0	23623	2057	1982	1989	462
Ranibandh	Bankura	81898	11172	1123	0	20893	4280	4233	4256	392
Saltora	Bankura	63394	3907	854	0	970	3242	3191	3192	415
Sarenga	Bankura	59491	2851	131	0	7954	1386	1321	1338	130
Amjhuri	Bankura	77373	6646	406	0	10608	2716	2659	2660	359
Anchuri	Bankura	94226	7555	94	0	14558	2415	2327	2328	172
Barjora	Bankura	103798	17198	784	0	7916	3218	3150	3150	2229
Ballabhpur	Bardhaman	53994	6860	212	2418	1478	2892	2848	2878	342
Bhatar	Bardhaman	106489	12996	907	3755	17777	5852	5812	5830	1144
Mankar	Bardhaman	59612	9918	618	1968	8671	2617	2559	2599	390
Memari	Bardhaman	192313	32730	3212	3786	7821	11264	11164	11198	1130
Singot	Bardhaman	75206	16323	473	1074	2641	1700	1657	1665	149
Srirampur	Bardhaman	53001	12613	419	1732	13112	2605	2570	2579	1118
Atghoria	Bardhaman	47133	24033	707	0	8707	2910	2823	2829	532
Ban-Nabagram	Bardhaman	83747	18624	716	0	11044	2605	2574	2598	147
Bahadurpur	Bardhaman	57423	11277	664	0	8396	2757	2710	2719	503
Jamalpur	Bardhaman	71185	9725	593	0	23808	2621	2578	2592	465
Kandra (U)	Bardhaman	41911	3356	1158	0	19749	3194	3194	3194	425
Kelejora	Bardhaman	32588	16197	1012	0	8244	1772	1706	1706	520
Laudoha	Bardhaman	17941	4634	483	0	9381	950	926	928	103
Madhabdihi	Bardhaman	91222	6019	587	0	14149	3462	3384	3402	360
Maheshbati	Bardhaman	76237	12216	595	0	16989	1875	1842	1844	519
Manteswar	Bardhaman	106500	12520	1476	0	5650	6515	6492	6515	670
Paharhati	Bardhaman	72348	16811	601	0	15669	1591	1556	1571	148
Panagarh	Bardhaman	81308	25762	549	0	13851	2173	2100	2123	328
Pithaieary	Bardhaman	27853	2066	474	0	9537	1290	1225	1235	219
Purbasthali	Bardhaman	63936	20655	237	0	22346	1208	1203	1205	116
Pursha	Bardhaman	90608	11482	819	0	15295	3020	2942	2947	2216
Ramjibanpur	Bardhaman	50144	5069	297	0	16348	4269	4227	4244	225
Baswa	Birbhum	63822	6952	138	0	26502	908	876	892	154
Illambazaar	Birbhum	111376	10047	935	0	9030	7094	7054	7072	1426
Md. Bazar	Birbhum	109964	7821	367	0	14845	2369	2320	2320	946

contd..

**Table VII.11 : Performance of Rural Hospitals in West Bengal during 2011 (January to December) -contd.**

Rural Hospital	District	Total Outpatients	Total patients attending emergency	Total deliveries performed	Total no. of X-rays done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Mollarpur	Birbhum	52488	12368	1009	0	12389	5901	5811	5833	591
Nalhati	Birbhum	38712	3455	422	0	18506	3364	3283	3296	552
Nanoor	Birbhum	65747	8536	573	0	22985	2845	2779	2789	385
Nakrakonda	Birbhum	31154	3028	494	0	0	2761	2682	2683	457
Paikar	Birbhum	41127	22131	2275	0	38391	5568	5483	5495	683
Rajnagar	Birbhum	47003	3484	552	0	9926	1818	1801	1802	710
Satpalsa	Birbhum	26843	9641	183	0	4548	1044	1044	1044	604
Sultanpur	Birbhum	55270	5048	352	0	9558	2207	2179	2188	385
Dubrajpur	Birbhum	107072	14842	1835	1737	16184	7009	6893	6921	1127
Labpur	Birbhum	78849	7599	1650	4223	7077	7461	6879	6904	590
Murarai	Birbhum	90210	14694	2789	3512	2826	11805	11741	11753	1018
Sainthia	Birbhum	130419	28056	1316	6405	20158	14498	14388	14438	2346
Bijanbari	Darjiling	21007	5294	223	0	2935	1640	1619	1629	441
Kharibari	Darjiling	82795	11804	1154	2548	15143	5766	5710	5733	1056
Naxalbari	Darjiling	128444	21197	1507	1634	19269	7881	7827	7859	463
Phansidewa	Darjiling	80214	18020	528	0	4936	3472	3126	3132	1109
Rambi	Darjiling	10001	1753	55	233	563	559	430	438	574
Pedong	Darjiling	12180	1360	917	0	1398	604	439	442	175
Mirik	Darjiling	28679	3929	106	0	2078	1093	757	763	198
Sukna	Darjiling	26709	2804	112	0	6523	1708	1507	1513	248
Takdah	Darjiling	15203	1160	40	0	374	417	332	340	168
Hili	D. Dinajpur	48725	7024	780	1752	1788	3151	3128	3133	393
Harirampur	D. Dinajpur	96337	4401	688	0	11701	3133	3129	3132	265
Khaspur	D. Dinajpur	23353	1037	195	0	726	983	849	849	134
Kumarganj	D. Dinajpur	51196	7247	1278	0	1134	6070	6055	6062	481
Kusmandi	D. Dinajpur	63337	4864	796	0	2203	4739	4733	4733	237
Rashidpur	D. Dinajpur	100362	9420	387	0	945	4647	4638	4641	433
Tapan	D. Dinajpur	71321	8924	766	0	1167	7393	7386	7390	1123
Bagnan	Haora	113244	6890	999	3045	11742	6321	6281	6292	5034
B. B. Dhar	Haora	80181	6704	1473	3393	4681	6429	6398	6403	945
Domjur	Haora	122908	32039	1958	1825	14573	6374	6347	6366	2371
Jagatballabhpur	Haora	98645	32684	1566	5897	17588	5529	5493	5512	1554
Amta	Haora	119792	13563	932	854	1465	4841	4818	4827	1442
Brindabanpur	Haora	59658	17618	92	0	9590	1020	571	572	169
Chandipur-Manickpur	Haora	74619	15572	319	0	14003	717	473	473	358
Hazi S.T.Mullick	Haora	120817	16618	352	0	0	1598	1229	1232	1067
Jagadishpur	Haora	101641	34417	479	0	11283	1281	1101	1106	746
Jhumjhum	Haora	84172	27337	843	0	19899	1550	1149	1149	622
Kamalpur	Haora	67182	6756	468	0	1523	3242	3230	3238	463
Kulai	Haora	102154	15376	70	0	12771	927	594	597	438
Mugkalyan	Haora	62095	3596	586	0	5763	2882	2303	2308	736



**Table VII.11 : Performance of Rural Hospitals in West Bengal during 2011 (January to December) -contd.**

Rural Hospital	District	Total Outpatients	Total patients attending emergency	Total deliveries performed	Total no. of X-rays done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Chanditala	Hugli	86231	14884	900	3954	17880	3855	3820	3841	517
Dhaniakhali	Hugli	85844	8934	1669	4204	34275	7900	7879	7892	838
Haripal	Hugli	124118	4690	1468	3020	16269	3928	3441	3509	1184
Jangipara	Hugli	143664	6219	604	3632	22286	3881	3864	3873	431
Khanakul	Hugli	56985	24626	975	2717	3233	3508	3002	3046	566
Pandua	Hugli	123312	20625	2606	2686	6098	7322	7301	7319	1322
Singur	Hugli	95846	12858	947	2795	11940	6424	6248	6274	496
Tarakeswar	Hugli	47190	7765	1214	3604	3382	6765	6749	6759	1057
Ahmedpur	Hugli	95240	11407	633	0	20015	796	776	778	460
Akuni Ichhapasar	Hugli	60924	14941	726	0	10426	2015	1682	1696	221
D. Narayanpur	Hugli	66865	3222	452	0	0	2571	2225	2234	221
Kamarpukur	Hugli	68458	6191	571	0	577	1770	1757	1761	217
Kanaipur	Hugli	50934	14594	89	0	6767	1261	1150	1153	754
Mogra	Hugli	130660	20666	568	0	16888	3399	3034	3034	802
Natibpur	Hugli	44404	6414	133	0	11254	995	772	782	0
Polba	Hugli	94194	17011	544	0	2456	2702	2379	2386	274
Akri Srirampur	Hugli	40531	8876	485	0	1944	1839	1166	1169	264
Bhatibari	Jalpaiguri	48467	3479	335	1669	16703	2262	1912	1912	184
Dhupguri	Jalpaiguri	132047	29786	2232	2637	17643	9580	9539	9562	3028
Falakata	Jalpaiguri	92102	7842	1628	0	11820	6720	6345	6370	0
Maynaguri	Jalpaiguri	134404	20229	2893	1776	9789	10851	10823	10846	913
Rajganj	Jalpaiguri	86719	6899	958	2230	45092	3715	3467	3471	516
Belakoba	Jalpaiguri	80142	7891	571	0	47929	2274	1998	2001	151
Jasodanga	Jalpaiguri	81131	6397	372	0	56839	1869	1717	1721	167
Kamakshyaguri	Jalpaiguri	56932	11405	1443	0	57504	1371	1243	1243	556
Madarihat	Jalpaiguri	71773	9131	225	0	76725	2587	2112	2117	288
Panchkalguri	Jalpaiguri	88503	13980	758	0	43729	2984	2294	2306	659
Sulkapara (Nagrakata)	Jalpaiguri	90094	6273	698	0	54231	4068	4040	4049	303
Uttar Latabari	Jalpaiguri	45470	8831	590	0	2814	2279	1801	1832	11
Haldibari	Koch Bihar	93755	15020	890	2040	15248	5364	5339	5358	1357
Bamanhat	Koch Bihar	78448	3816	330	0	11	3456	3439	3452	126
Dewanhat	Koch Bihar	82130	2265	520	0	28850	2087	1407	1407	853
Goksadanga	Koch Bihar	49467	2395	659	0	9105	2078	1488	1488	722
Natabari	Koch Bihar	52369	420	127	0	3048	316	246	246	0
Pundibari	Koch Bihar	93809	782	518	0	10	642	599	599	1498
Sitai	Koch Bihar	110254	5475	767	0	9884	5135	5114	5129	0
Sitalkuchi	Koch Bihar	45690	2264	803	0	0	1809	1514	1514	1701
Ariadanga	Malda	53303	8845	1524	0	17046	8519	7895	7937	805
Bangitola	Malda	88758	5613	1675	0	NA	5546	5145	5148	364
Bedrabad	Malda	208212	9767	1880	0	18798	7123	6747	6747	792
Hatimari	Malda	42052	4383	693	0	14632	3494	3101	3138	341

**Table VII.11 : Performance of Rural Hospitals in West Bengal during 2011 (January to December) -contd.**

Rural Hospital	District	Total Outpatients	Total patients attending emergency	Total deliveries performed	Total no. of X-rays done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Malatipur	Malda	107726	5412	1036	0	16668	4843	4754	4769	160
Masaldabajar	Malda	118766	5406	663	0	10911	3167	3054	3074	207
Milki	Malda	88602	18147	1652	0	4860	6522	6044	6051	670
Moulpur	Malda	67258	8728	403	0	323	1511	1411	1411	97
Ratua	Malda	72941	6088	1005	0	5346	5723	5462	5495	678
Silampur	Malda	257932	8997	4682	0	20541	7756	7644	7644	1065
Bamangola	Malda	76878	5672	1086	913	5100	5065	4335	4376	1117
R.N. Roy	Malda	71606	10079	1650	1191	1519	7823	7384	7417	2574
Gazole	Malda	62907	7532	1595	3168	6990	4680	4344	4392	1241
Harishchan- drapur	Malda	77864	9235	1757	494	9478	8824	8543	8618	1043
Manikchak	Malda	201914	6593	1848	1640	5422	5630	5493	5535	410
Binpur	Ps.Medinipur	47449	8579	1024	1145	15050	5200	5174	5191	649
Chandrakona	Ps.Medinipur	81088	9922	2035	1993	21406	8268	8214	8245	899
Daspur	Ps.Medinipur	37933	1818	160	1211	16244	1530	1517	1518	252
Debra	Ps.Medinipur	55995	8482	1488	1692	37560	7592	7567	7576	1231
Garbeta	Ps.Medinipur	103762	14047	2426	1670	24213	10054	9802	9839	1417
Hijli	Ps.Medinipur	44705	5422	848	1650	17901	3586	3553	3569	401
Keshpur	Ps.Medinipur	143946	7659	708	3950	34161	5779	5745	5755	750
Sabang	Ps.Medinipur	44208	7469	1272	3331	24264	5369	5260	5335	843
Salbani	Ps.Medinipur	73867	6134	1162	1739	19475	5497	5458	5478	631
Bagda (Mohanpur)	Ps.Medinipur	33460	3120	521	0	10705	2581	1997	2010	500
Belda	Ps.Medinipur	52095	7822	1830	0	25602	6918	6767	6792	939
Belpahari	Ps.Medinipur	57576	8301	1369	0	19928	7850	7642	7702	845
Bhangagarh	Ps.Medinipur	23641	4229	653	0	11297	3556	3058	3073	687
Dwarigeria	Ps.Medinipur	58081	11074	833	0	17353	4798	4691	4714	678
Gopiballabhpur	Ps.Medinipur	39910	3975	946	0	12317	3963	3806	3825	551
Keshiary	Ps.Medinipur	21467	7356	1291	0	8543	4861	4688	4760	555
Kewakole	Ps.Medinipur	48098	15256	222	0	11753	2594	2558	2579	180
Khandrui	Ps.Medinipur	70921	6146	980	0	13646	3613	3388	3401	549
Kharikamathani	Ps.Medinipur	41221	3105	928	0	13482	2725	2644	2672	359
Khirpai	Ps.Medinipur	52150	3197	498	0	16159	3055	3034	3046	569
Pingla	Ps.Medinipur	37584	3683	344	0	15910	2088	2051	2072	333
Sonakhali	Ps.Medinipur	27630	1892	209	0	14387	1202	1192	1201	85
Tapsia	Ps.Medinipur	40513	7969	1363	0	9166	3859	3829	3858	369
Anantapur	Pu.Medinipur	52062	2257	241	0	9767	1456	1403	1404	328
Basulia	Pu.Medinipur	148684	9921	522	1740	2357	3726	3701	3724	526
Bhagawanpur	Pu.Medinipur	56296	8625	727	1418	2647	3594	3224	3249	438
Reapara	Pu.Medinipur	31464	4788	795	800	11616	3784	3728	3776	832
Basantia	Pu.Medinipur	54885	12012	569	0	5079	1286	1266	1274	392
Bararankua	Pu.Medinipur	56774	17323	613	0	9701	2635	2616	2628	360

**Table VII.11 : Performance of Rural Hospitals in West Bengal during 2011 (January to December) -contd.**

Rural Hospital	District	Total Outpatients	Total patients attending emergency	Total deliveries performed	Total no. of X-rays done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Mugberia	Pu.Medinipur	49352	5284	1369	0	1385	4618	4578	4608	449
Erashal	Pu.Medinipur	68925	6577	732	0	0	2499	2465	2477	600
Gangadharpur	Pu.Medinipur	40300	8309	436	0	0	1414	1399	1399	170
Janubasan	Pu.Medinipur	52972	15312	151	0	6522	1142	1132	1134	627
Khejurberia	Pu.Medinipur	72621	3101	827	1423	3545	2507	2475	2481	325
Nandigram	Pu.Medinipur	84596	4370	892	0	1800	3541	3115	3162	131
Paikpari	Pu.Medinipur	93207	5301	683	0	154	2566	2513	2520	376
Patashpur	Pu.Medinipur	48384	2671	169	0	0	1964	1311	1315	2013
Sillyaberia	Pu.Medinipur	31005	1745	350	0	0	744	738	742	102
Uttar	Pu.Medinipur	47858	6049	399	920	4400	2042	1916	1940	286
Mechogram										
Anupnagar	Murshidabad	182049	12728	3628	0	12812	11649	11490	11518	756
Bharatpur	Murshidabad	85816	7164	1041	66	5482	7125	6427	6449	729
Beniagram	Murshidabad	22285	13955	1234	0	141	4545	4539	4543	240
Godhanpara	Murshidabad	93086	7042	3132	0	1934	6575	6543	6559	606
Gokarna	Murshidabad	72573	5097	582	0	7234	4192	3716	3719	442
Kanapukur	Murshidabad	60512	16144	717	0	17708	4517	4249	4249	424
Mahesail	Murshidabad	56527	7038	543	0	16285	3932	3893	3894	490
Rajnagar	Murshidabad	76986	5342	241	0	2080	2261	1987	1989	519
Saktipur	Murshidabad	78998	20261	876	0	3141	3016	2839	2843	474
Salar	Murshidabad	87021	7164	1361	0	10417	4433	4424	4425	1117
Amtala	Murshidabad	105014	16170	1954	645	6475	7793	7769	7789	1369
Beldanga	Murshidabad	133817	41264	2220	0	4067	7183	7118	7128	1063
Burwan	Murshidabad	76667	10061	664	0	5999	6996	6858	6867	1265
Islampur	Murshidabad	140003	16178	2420	966	9103	9151	9129	9148	2482
Jiaganj	Murshidabad	81727	19030	652	110	1382	3878	3478	3508	471
Khargram	Murshidabad	113029	21694	1080	58	6280	6569	6523	6544	1664
Krishnapur	Murshidabad	99751	24780	3808	86	9503	17263	17224	17245	2594
Sadikhan'sDear	Murshidabad	91126	9922	2045	0	1010	9661	8863	8865	1806
Sagardighi	Murshidabad	100692	9287	1494	583	9915	8712	8495	8579	1335
Amdanga	N.24-Parganas	76634	24661	711	0	1839	2243	1581	1581	827
Biswanathpur	N.24-Parganas	84057	1132	0	0	122	996	871	873	120
Chandpara	N.24-Parganas	57512	26597	266	0	5165	2268	1940	1940	288
Dhanyakuria	N.24-Parganas	79215	35819	1075	0	18494	2818	2252	2269	1586
Ghoshpur	N.24-Parganas	31386	13546	1713	0	897	1672	1649	1649	240
Haroa	N.24-Parganas	75039	5690	1621	0	7648	4304	4297	4300	790
Maslandapur	N.24-Parganas	40882	7767	23	0	2264	701	539	539	371
Nanna	N.24-Parganas	47283	2576	0	0	9	226	95	96	29
Sabdapur	N.24-Parganas	71884	10412	152	0	46375	1519	1519	1519	79
Sandallerbil	N.24-Parganas	31386	5690	507	0	8978	2195	1850	1881	275
Baduria	N.24-Parganas	76562	18418	881	2920	3557	6083	6077	6081	2866

**Table VII.11 : Performance of Rural Hospitals in West Bengal during 2011 (January to December) -contd.**

Rural Hospital	District	Total Outpatients	Total patients attending emergency	Total deliveries performed	Total no. of X-rays done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Bagda	N.24-Parganas	66593	11001	832	2628	8798	4699	4363	4440	1013
Madhyamgram	N.24-Parganas	89928	37418	336	3334	9179	1763	1760	1760	1776
Minakhan	N.24-Parganas	86440	22767	836	1374	2227	2430	1969	1982	344
Sarapol	N.24-Parganas	75485	20994	530	2126	10860	3466	3018	3049	417
Sandeshkhali	N.24-Parganas	21383	3210	370	684	1766	1648	1318	1344	142
Taki	N.24-Parganas	52647	8602	468	4354	4493	4848	4792	4813	789
Reckjoani	N.24-Parganas	48194	19266	351	0	9147	1660	1575	1576	201
Aranghata	Nadia	110978	12212	446	0	17183	2918	2688	2697	218
Bishnupur	Nadia	42023	7820	462	0	3066	1987	1922	1922	206
Dhubulia	Nadia	142850	8266	616	0	19064	2451	2423	2426	244
Jadab Dutta Habibpur	Nadia	71594	22072	243	0	0	1413	1410	1412	134
Maheshganj	Nadia	52826	16407	365	0	11204	2231	2191	2197	300
Pritimayee	Nadia	130635	30661	1373	0	31600	5833	5668	5690	1002
Bagula	Nadia	90579	13880	1439	1301	18204	7047	7026	7029	1262
Chapra	Nadia	192937	19582	2567	0	25998	11398	11283	11318	938
Kaliganj	Nadia	111273	6229	825	2662	16516	4081	4071	4071	1831
Karimpur	Nadia	146153	37826	2835	2667	7290	36785	36735	36752	2656
Krishnaganj	Nadia	73753	20511	1004	3375	32295	3322	3274	3295	540
Nakashipara	Nadia	148266	15832	3395	4271	22462	13941	13511	13571	1884
Banda	Puruliya	38356	11976	1058	0	16851	6269	5800	5815	297
Bandwan	Puruliya	57451	6035	1101	0	31633	5609	4939	4974	573
Barabazar	Puruliya	68213	6447	1815	0	23909	5496	4971	5017	517
Chakoltor	Puruliya	62500	10096	1119	0	20354	4253	3849	3852	472
Jhalda	Puruliya	76642	15135	1856	0	27904	5052	4988	4997	925
Joypur	Puruliya	133966	34933	1091	0	19353	3292	3276	3281	955
Kolloli	Puruliya	52648	6807	1260	0	23385	6163	6149	6160	778
Kustaur	Puruliya	55609	11662	782	0	21304	2402	1878	1886	250
Muradih	Puruliya	35493	7481	518	0	10139	2063	1568	1576	334
Para	Puruliya	102534	22271	1107	0	15515	4634	3740	3753	823
Pathardih	Puruliya	58606	28513	1177	0	18076	4530	3967	3967	376
Puncha	Puruliya	70190	12450	732	0	14346	3190	2797	2823	292
Sirkabad	Puruliya	78268	29374	847	0	22477	3155	2419	2427	591
Manbazar	Puruliya	118629	11757	2283	1372	22003	7842	7246	7296	604
Bansgarh	Puruliya	146507	17630	2017	1112	26671	9406	9387	9396	1681
Harmidih	Puruliya	53855	15742	890	1317	17868	4232	4186	4198	972
Hura	Puruliya	73981	10468	1317	570	21108	5948	5930	5939	886
Kotshila	Puruliya	128504	17040	1792	530	19468	7294	7275	7282	731
Amtala	S.24-Parganas	85955	21833	420	3655	12607	5691	5594	5663	282
Jaynagar	S.24-Parganas	133764	9732	420	2361	12607	4119	3901	3951	28
L B Dutta	S.24-Parganas	76932	12804	448	3588	3389	2972	2635	2642	583
Mathurapur	S.24-Parganas	106893	26436	1078	2026	16684	5107	4732	4805	555

**Table VII.11 : Performance of Rural Hospitals in West Bengal during 2011 (January to December) -concl.d.**

Rural Hospital	District	Total Outpatients	Total patients attending emergency	Total deliveries performed	Total no. of X-rays done	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Padmarhat	S.24Parganas	91697	5504	1791	2700	6668	4261	4150	4165	845
Raidighi	S.24Parganas	41122	7764	1266	2127	8750	7500	7489	7494	109
Sagar	S.24Parganas	81176	6212	1118	1958	13208	5376	5344	5362	1008
Sonarpur	S.24Parganas	132711	23760	1414	6127	28927	3965	3868	3903	553
Sree Ramkrishna	S.24Parganas	122788	7836	657	2712	11064	3952	3927	3944	489
Baneswarpur	S.24-Parganas	69115	5544	692	0	11113	3403	3301	3311	236
Basanti	S.24-Parganas	28745	3420	251	0	257	1543	1479	1499	72
Byanjanherial Charial	S.24-Parganas	141017	4560	217	0	8079	3180	2878	2889	0
Dwariknagar	S.24-Parganas	15019	4228	658	254	2865	3923	3601	3656	421
Gosaba	S.24-Parganas	42652	3516	242	344	2658	2058	1940	1970	98
Jirangacha	S.24-Parganas	51275	5388	341	0	12354	1239	1225	1226	1014
Madhabnagar	S.24-Parganas	83700	9672	885	0	6447	2586	2112	2170	65
Matherdighi	S.24-Parganas	71854	2512	300	271	2838	1799	1720	1730	150
Mograhat	S.24-Parganas	169293	5122	471	0	520	2237	2226	2229	380
Naiyarat	S.24-Parganas	27436	3552	61	0	326	726	656	658	60
Nalmuri	S.24-Parganas	76617	10476	404	0	2633	3013	2695	2704	572
Panchagram	S.24-Parganas	71129	6311	258	0	3537	1273	1180	1180	141
Karandighi	U.Dinajpur	94066	8705	1545	1134	0	5030	4735	4795	323
Chakulia	U. Dinajpur	83019	13770	627	0	2416	2650	2528	2528	506
Dalua	U. Dinajpur	84017	7040	996	0	11626	5781	5693	5715	651
Hemtabad	U. Dinajpur	54245	8687	490	0	8167	2417	2324	2325	313
Itahar	U. Dinajpur	103084	23790	560	0	764	2881	2755	2769	472
Lodhan	U. Dinajpur	69991	33862	754	0	2878	2964	2909	2909	400
<b>Rural Hospitals</b>		<b>21000591</b>	<b>3019820</b>	<b>250902</b>	<b>202003</b>	<b>3244777</b>	<b>1126848</b>	<b>1081034</b>	<b>1085198</b>	<b>183226</b>



**Table VII. 12 : Rank of Rural Hospitals by Performance Indicators in West Bengal during 2011(January to December)**

Rank	Rural Hospital	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
1	Ghoshpur	N.24-Parganas	55.0	42.3	2.9	102.5	0.0	2.5	14.6
2	Kamakshyaguri	Jalpaiguri	41.4	38.8	5.2	90.7	0.0	94.0	44.7
3	Pundibari	Koch Bihar	20.0	4.5	8.6	80.7	0.0	0.0	49.7
4	Ahmedpur	Hugli	25.9	13.3	8.7	79.5	0.0	20.7	59.3
5	Pedong	Darjiling	14.7	14.2	1.1	85.6	0.0	10.2	39.9
6	Silampur	Malda	254.8	87.5	23.6	60.4	0.0	7.7	13.9
7	Godhanpara	Murshidabad	437.3	147.6	17.0	47.6	0.0	1.9	9.3
8	Jhumjhum	Haora	38.3	20.9	7.7	54.4	0.0	23.0	54.1
9	Kelejora	Bardhaman	56.9	16.9	3.0	57.1	0.0	23.9	30.5
10	Laudoha	Bardhaman	30.9	12.4	1.6	50.8	0.0	48.6	11.1
11	Chandipur-Manickpur	Haora	15.8	7.4	6.8	44.5	0.0	18.6	75.7
12	Manikchak	Malda	184.5	75.0	18.4	32.8	0.8	2.6	7.5
13	Padmerhat	S.24-Parganas	138.8	65.6	8.4	42.0	2.7	6.7	20.4
14	Sonarpur	S.24-Parganas	156.1	106.6	14.5	35.7	4.3	20.3	14.3
15	Sillaberia	Pu.Medinipur	24.7	17.7	2.8	47.0	0.0	0.0	13.8
16	Basantia	Pu.Medinipur	42.5	18.7	5.0	44.2	0.0	8.9	31.0
17	Haripal	Hugli	117.0	112.0	11.3	37.4	2.2	11.9	34.4
18	Sitalkuchi	Koch Bihar	50.5	14.0	4.2	44.4	0.0	0.0	46.3
19	Anupnagar	Murshidabad	383.9	43.6	16.6	31.1	0.0	6.9	6.6
20	Pandua	Hugli	244.0	65.7	11.3	35.6	2.1	4.7	18.1
21	Jagadishpur	Haora	36.9	21.2	9.3	37.4	0.0	10.9	67.8
22	Bedrabad	Malda	224.9	107.1	19.0	26.4	0.0	8.5	11.7
23	Dhanyakuria	N.24-Parganas	75.6	33.5	7.2	38.1	0.0	22.3	70.4
23	Joypur	Puruliya	109.4	44.2	12.2	33.1	0.0	13.9	29.2
24	Natabari	Koch Bihar	8.2	9.4	4.8	40.2	0.0	5.7	0.0
25	Paikar	Birbhum	183.2	31.4	3.8	40.9	0.0	86.1	12.5
26	Haroa	N.24-Parganas	143.3	37.7	6.9	37.7	0.0	9.7	18.4
27	Paharhati	Bardhaman	52.4	27.7	6.6	37.8	0.0	20.8	9.5
28	Minakhan	N.24-Parganas	79.3	33.6	9.5	34.4	1.5	2.5	17.5
29	Jhalda	Puruliya	166.6	69.6	7.0	36.7	0.0	33.1	18.5
30	Chapra	Nadia	452.7	220.3	21.1	22.5	0.0	12.2	8.3
31	Beldanga	Murshidabad	237.6	121.2	12.2	30.9	0.0	2.8	14.9
32	Domjur	Haora	212.2	65.1	11.2	30.7	1.4	11.2	37.4
33	Madhabnagar	S.24-Parganas	72.3	98.7	7.6	34.2	0.0	6.8	3.1
34	Akuni Ichhapasar	Hugli	56.5	30.5	5.6	36.0	0.0	16.2	13.1
35	Indus	Bankura	141.6	74.2	14.7	26.0	0.0	3.8	14.5
36	Khandra (U)	Bardhaman	106.5	87.5	3.8	36.3	0.0	38.4	13.3
37	Gazole	Malda	146.4	80.6	5.7	34.1	4.4	9.7	28.6
38	Khejurberia	Pu.Medinipur	82.7	72.2	6.6	33.0	1.8	4.4	13.1

contd..

Table VII. 12 : Rank of Rural Hospitals by Performance Indicators in W. B. during 2011(January to December) -contd.

Rank	Rural Hospital	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
39	Karandighi	U.Dinajpur	159.8	74.5	8.6	30.7	1.1	0.0	6.8
40	Pithaibeary	Bardhaman	41.2	10.5	2.5	36.7	0.0	32.9	17.9
41	Barabazar	Puruliya	167.2	75.1	6.2	33.0	0.0	31.3	10.4
42	Islampur	Murshidabad	304.9	155.3	12.8	26.4	0.6	5.8	27.2
43	Sonamukhi	Bankura	196.0	130.3	11.8	27.4	2.7	6.0	10.7
44	Tapsia	Ps.Medinipur	128.6	63.3	3.7	35.3	0.0	19.3	9.6
45	Patrasayer	Bankura	140.7	53.5	11.0	27.8	0.0	16.4	35.2
46	Amdanga	N.24-Parganas	52.7	35.5	7.0	31.7	0.0	2.3	52.3
46	Maheshbati	Bardhaman	61.5	28.4	7.0	31.7	0.0	21.4	28.2
47	Salar	Murshidabad	147.5	48.1	7.9	30.7	0.0	11.3	25.2
48	Kamarpukur	Hugli	58.7	41.5	6.3	32.3	0.0	0.8	12.4
49	Bangitola	Malda	171.6	112.0	8.1	30.2	0.0		7.1
49	Krishnaganj	Nadia	131.8	57.3	8.1	30.2	4.3	40.9	16.5
50	Dhubulia	Nadia	80.9	27.8	13.0	25.1	0.0	13.1	10.1
51	Kharikamathani	Ps.Medinipur	89.1	39.5	3.8	34.1	0.0	29.6	13.6
52	Kustaur	Purulia	62.9	48.9	5.1	32.6	0.0	34.9	13.3
53	Memari	Barddhaman	186.6	76.0	8.8	28.5	1.8	3.7	10.1
54	Onda	Bankura	83.0	49.0	8.8	28.4	0.0	2.8	8.8
55	Manbazar	Puruliya	182.4	125.0	8.1	29.1	1.0	16.1	8.3
56	Mograhat	S.24-Parganas	74.3	8.4	15.5	21.1	0.0	0.3	17.1
57	Kotshila	Puruliya	242.7	130.6	11.7	24.6	0.4	13.6	10.0
58	Saktipur	Murshidabad	94.8	33.9	7.2	29.0	0.0	3.8	16.7
59	Goksadanga	Kochbihar	49.6	20.5	4.5	31.7	0.0	17.6	48.5
60	Dubrajpur	Birbhum	230.7	99.1	9.8	26.2	1.5	13.7	16.3
61	Erashal	Pu.Medinipur	82.6	46.7	6.3	29.3	0.0	0.0	24.3
62	Pritimayee	Nadia	189.7	128.8	11.9	23.5	0.0	21.8	17.7
63	Pursha	Barddhaman	98.2	49.5	8.3	27.1	0.0	15.9	75.3
64	Dhupguri	Jalpaiguri	318.7	113.8	12.1	23.3	1.8	12.2	31.7
65	Ban-Nabagram	Barddhaman	86.6	50.5	7.6	27.5	0.0	12.4	5.7
66	Paikpari	Pu.Medinipur	84.0	46.2	8.5	26.6	0.0	0.2	15.0
67	Amarkan	Bankura	169.5	95.6	10.3	24.5	1.7	12.9	21.9
68	Bansgarh	Puruliya	313.2	177.2	13.4	21.4	0.7	16.1	17.9
69	Rajnagar	Birbhum	60.1	45.8	4.3	30.4	0.0	19.1	39.4
70	Gangadharpur	Pu.Medinipur	46.6	29.9	3.7	30.8	0.0	0.0	12.2
71	Mugberia	Pu.Medinipur	153.6	92.7	4.5	29.6	0.0	2.3	9.8
72	Indpur	Bankura	125.8	92.4	8.2	25.9	0.0	20.9	13.6
73	Sirkabad	Puruliya	80.9	49.8	7.1	26.8	0.0	26.8	24.4
74	Barjora	Bankura	105.0	31.3	9.5	24.4	0.0	7.4	70.8
75	Ranibandh	Bankura	141.9	78.8	7.5	26.2	0.0	23.1	9.3
76	Rajganj	Jalpaiguri	115.7	66.7	7.9	25.8	2.4	48.0	14.9

Table VII. 12 : Rank of Rural Hospitals by Performance Indicators in W. B. during 2011(January to December) -contd.

Rank	Rural Hospital	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
77	Khanduri	Ps.Medinipur	113.4	40.9	6.5	27.1	0.0	18.1	16.2
78	Panchkalguri	Jalpaiguri	76.9	50.8	8.1	25.4	0.0	46.5	28.7
79	Milki	Malda	201.7	94.0	8.1	25.3	0.0	4.9	11.1
80	Para	Puruliya	125.1	77.6	9.4	23.9	0.0	14.0	22.0
81	Hazi S.T. Mullick	Haora	41.1	8.2	11.0	22.0	0.0	0.0	86.8
82	Nandigram	Pu.Medinipur	105.4	83.7	7.7	25.2	0.0	1.9	4.2
83	Jagatballabhpur	Haora	91.9	64.6	4.5	28.3	5.2	15.6	28.3
83	Moulpur	Malda	47.0	26.2	6.1	26.7	0.0	0.5	6.9
84	Maynaguri	Jalpaiguri	180.8	84.2	6.1	26.7	1.2	6.4	8.4
85	Panagarh	Barddhaman	70.8	41.0	7.4	25.3	0.0	16.1	15.6
86	Falakata	Jalpaiguri	212.3	0.0	8.4	24.2	0.0	12.8	0.0
87	Belakoba	Jalpaiguri	66.7	44.6	7.3	25.1	0.0	56.4	7.6
87	Dewanhat	Koch Bihar	46.9	25.2	7.5	24.9	0.0	34.0	60.6
88	Kaliganj	Nadia	162.8	37.4	12.2	20.2	2.3	14.4	45.0
89	Manteswar	Barddhaman	217.2	58.5	9.7	22.7	0.0	5.0	10.3
90	Jirongacha	S.24-Parganas	40.9	13.7	4.7	27.5	0.0	23.4	82.8
91	Saltora	Bankura	106.4	44.2	5.8	26.3	0.0	1.4	13.0
92	Chakoltor	Puruliya	128.4	61.9	5.7	26.3	0.0	29.4	12.3
93	Singot	Barddhaman	33.3	20.5	4.1	27.8	1.4	3.3	9.0
94	Lodhan	U. Dinajpur	97.0	27.2	6.4	25.4	0.0	3.9	13.8
95	Masaldabajar	Malda	102.5	49.3	10.8	20.9	0.0	8.8	6.8
96	Pathardih	Puruliya	132.2	66.1	5.4	26.0	0.0	27.5	9.5
97	Chakulia	U. Dinajpur	84.3	34.5	7.6	23.7	0.0	2.8	20.0
98	Malatipur	Malda	159.0	105.7	9.8	21.4	0.0	14.0	3.4
98	Chanditala	Hugli	128.0	48.5	7.9	23.3	4.3	19.5	13.5
99	Bethuadahari	Nadia	226.2	96.5	6.8	24.4	2.5	13.3	13.9
100	Amtala	Murshidabad	155.8	65.6	5.8	25.1	0.6	5.5	17.6
101	Harirampur	D. Dinajpur	104.4	35.1	8.8	22.0	0.0	11.7	8.5
102	Khanakul	Hugli	50.8	38.3	2.6	27.8	4.2	4.9	18.9
103	Amta	Haora	160.9	75.4	10.9	19.3	0.7	1.1	29.9
104	Hili	D. Dinajpur	125.3	66.9	5.3	24.8	3.2	3.3	12.6
105	Akri Srirampur	Hugli	39.0	39.3	3.7	26.4	0.0	4.3	22.6
106	Uttar Latabari	Jalpaiguri	61.1	66.7	4.2	25.9	0.0	5.3	0.6
107	Sadikhan's Dear	Murshidabad	295.5	124.7	8.3	21.2	0.0	1.0	20.4
108	Puncha	Puruliya	94.1	75.5	6.4	22.9	0.0	18.3	10.4
109	Bahadurpur	Barddhaman	90.6	39.3	5.2	24.1	0.0	13.6	18.6
109	Labpur	Birbhum	230.1	142.5	7.2	22.1	4.5	7.5	8.6
110	Jamalpur	Barddhaman	86.4	37.0	6.5	22.6	0.0	31.6	18.0
111	Mankar	Barddhaman	86.6	58.2	5.4	23.6	3.0	13.1	15.2



**Table VII. 12 : Rank of Rural Hospitals by Performance Indicators in W. B. during 2011(January to December) -contd.**

Rank	Rural Hospital	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
112	Dhaniakhali	Hugli	263.1	159.9	7.8	21.1	4.1	33.2	10.6
113	Hura	Puruliya	198.0	115.8	6.8	22.1	0.7	24.4	14.9
114	Garbeta	Ps.Medinipur	164.0	113.8	4.7	24.1	1.3	18.8	14.5
114	Itahar	U. Dinajpur	92.3	27.7	9.4	19.4	0.0	0.7	17.1
115	Belda	Ps.Medinipur	113.2	47.4	2.4	26.5	0.0	41.0	13.9
116	Polba	Hugli	79.5	51.7	8.6	20.1	0.0	2.5	11.5
117	Bagula	Nadia	234.3	112.3	8.3	20.4	1.3	17.7	18.0
118	Mogra	Hugli	101.1	55.1	11.9	16.7	0.0	12.4	26.4
119	Atghoria	Bardhaman	94.3	36.4	4.3	24.3	0.0	17.0	18.8
120	Murarai	Birbhum	235.1	91.2	4.9	23.6	3.3	2.6	8.7
121	Keshiary	Ps.Medinipur	158.7	89.0	2.0	26.6	0.0	27.4	11.8
122	Bamangola	Malda	145.9	98.5	7.0	21.4	1.0	5.8	25.8
123	Bararankua	Pu.Medinipur	87.6	38.9	5.2	23.3	0.0	15.9	13.8
124	Muradih	Puruliya	52.5	35.4	3.2	25.1	0.0	25.8	21.3
125	Chandrakona	Ps.Medinipur	137.4	79.2	3.7	24.6	2.0	21.7	10.9
126	Raipur	Bankura	157.0	106.3	9.9	18.3	1.3	10.0	28.1
127	Sree Ramkrishna	S.24-Parganas	131.5	71.0	11.2	16.6	2.1	8.5	12.5
128	Chhatna	Bankura	149.9	96.9	4.6	23.1	0.0	17.4	15.1
129	R.N. Roy	Malda	247.2	113.6	6.5	21.1	1.4	1.8	34.9
130	Basulia	Pu.Medinipur	124.1	108.9	13.6	14.0	1.1	1.5	14.2
131	Krishnapur	Murshidabad	344.9	155.9	5.5	22.1	0.1	7.4	15.1
131	Gopiballabhpur	Ps.Medinipur	127.5	70.7	3.6	23.9	0.0	25.8	14.5
132	Jasodanga	Jalpaiguri	57.4	13.4	7.4	19.9	0.0	68.8	9.7
133	B. B. Dhar	Haora	128.1	91.4	4.4	22.9	3.5	4.8	14.8
134	Madhyamgram	N.24-Parganas	58.7	53.0	8.2	19.1	3.5	9.6	61.1
135	Gokarna	Murshidabad	247.9	125.5	13.3	13.9	0.0	9.1	11.9
136	Bishnupur	Nadia	64.1	31.0	3.8	23.3	0.0	6.8	10.7
137	Kanapukur	Murshidabad	283.3	118.9	11.1	15.9	0.0	26.4	10.0
137	Salbani	Ps.Medinipur	156.5	100.3	5.8	21.1	2.0	22.5	11.6
138	Panchagram	S.24-Parganas	39.3	34.2	6.5	20.3	0.0	4.7	11.9
139	Sabang	Ps.Medinipur	133.4	90.0	3.0	23.7	5.8	42.3	16.0
140	Kharibari	Darjiling	168.6	82.7	6.7	20.0	2.7	16.3	18.5
141	Baneswarpur	S.24-Parganas	110.4	38.1	6.3	20.3	0.0	15.2	7.1
142	Sagardighi	Murshidabad	286.0	209.5	9.2	17.1	0.5	8.0	15.7
143	Nanoor	Birbhum	93.0	40.0	6.0	20.1	0.0	32.8	13.9
144	Mugkalyan	Haora	76.9	46.9	5.7	20.3	0.0	8.6	32.0
145	Mathurapur	S.24-Parganas	80.1	66.8	4.9	21.1	1.7	13.7	11.7
146	Sandallerbil	N.24-Parganas	62.7	3.3	2.9	23.1	0.0	28.3	14.9
147	Harmidih	Puruliya	139.9	87.8	4.9	21.0	2.1	28.2	23.2
148	Radhanagar	Bankura	66.3	70.3	10.2	15.7	0.0	19.8	23.3

Table VII. 12 : Rank of Rural Hospitals by Performance Indicators in W. B. during 2011(January to December) -contd.

Rank	Rural Hospital	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
149	Kumarganj	D. Dinajpur	202.1	106.0	4.7	21.1	0.0	1.8	7.9
150	Hijli	Ps.Medinipur	59.5	88.1	2.0	23.6	2.6	28.0	11.3
151	Reckjoani	N.24-Parganas	52.5	23.8	4.4	21.1	0.0	18.0	12.8
151	Md. Bazar	Birbhum	77.3	32.7	10.0	15.5	0.0	13.1	40.8
152	Purbasthali	Barddhaman	40.2	13.7	5.8	19.6	0.0	34.1	9.6
153	Aranghata	Nadia	89.9	52.4	10.1	15.3	0.0	14.7	8.1
154	Keshpur	Ps.Medinipur	191.8	130.7	13.1	12.3	2.5	21.6	13.1
155	Sulka para (Nagrakata)	Jalpaiguri	135.0	107.9	8.2	17.2	0.0	53.2	7.5
156	Bhagawanpur	Pu.Medinipur	108.3	75.6	5.1	20.2	2.2	4.1	13.6
156	Taldangra	Bankura	240.7	162.9	10.8	14.6	2.0	16.2	22.3
157	Madhabdihi	Barddhaman	113.4	57.3	8.3	17.0	0.0	14.5	10.6
158	Kolloli	Puruliya	205.3	96.5	4.8	20.4	0.0	37.0	12.7
159	Hemtabad	U. Dinajpur	77.5	23.6	5.0	20.3	0.0	14.4	13.5
160	Haldibari	Koch Behar	178.6	106.3	8.6	16.6	1.9	14.5	25.4
161	Sitai	Koch Bihar	171.0	30.5	10.1	14.9	0.0	8.7	0.0
162	Naxalbari	Darjiling	131.0	75.1	5.9	19.1	1.1	13.3	5.9
163	Dalua	U. Dinajpur	190.5	36.5	7.7	17.2	0.0	13.2	11.4
164	Bandwan	Puruliya	165.8	127.6	5.2	19.6	0.0	44.3	11.6
165	Jaynagar	S.24-Parganas	158.0	85.5	14.7	10.2	1.7	8.9	0.7
166	Sandeshkhali	N.24-Parganas	53.8	39.9	2.3	22.5	2.7	7.1	10.8
167	Rajnagar	Murshidabad	132.6	113.3	14.1	10.7	0.0	2.5	26.1
168	Sagar	S.24-Parganas	89.4	58.3	3.7	20.8	2.1	14.1	18.9
169	Jiaganj	Murshidabad	116.9	77.2	7.5	16.8	0.1	1.5	13.5
170	Ratua	Malda	183.2	72.0	6.7	17.6	0.0	6.6	12.4
171	Binpur	Ps.Medinipur	173.0	138.9	4.3	19.7	1.8	24.0	12.5
172	UttarMechogram	Pu.Medinipur	64.7	47.5	4.4	19.5	1.7	8.3	14.9
173	Reapara	Pu.Medinipur	125.9	49.5	2.9	21.0	2.2	31.5	22.3
174	Bagda	N.24-Parganas	148.0	59.3	6.1	17.7	3.6	12.0	23.2
175	Jadab Dutta Habibpur	Nadia	47.1	37.1	6.5	17.2	0.0	0.0	9.5
176	Dakshin Narayanpur	Hugli	74.5	58.7	6.1	17.6	0.0	0.0	9.9
176	Hatimari	Malda	104.6	56.3	3.8	19.8	0.0	30.3	11.0
177	Bagnan	Haora	157.3	65.4	7.8	15.8	2.5	9.6	80.1
178	Debra	Ps.Medinipur	189.4	130.9	3.8	19.6	2.3	50.0	16.3
179	Illambazaar	Birbhum	235.7	62.3	10.2	13.2	0.0	7.6	20.2
180	Bagda (Mohanpur)	Ps.Medinipur	67.0	33.6	3.1	20.2	0.0	28.8	25.0

Table VII. 12 : Rank of Rural Hospitals by Performance Indicators in W. B. during 2011(January to December) -contd.

Rank	Rural Hospital	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
180	Matherdighi	S.24-Parganas	57.7	28.0	6.6	16.7	0.4	3.8	8.7
181	Harishchandrapur	Malda	132.6	66.9	3.3	19.9	0.5	10.1	12.2
182	Ariadanga	Malda	264.6	128.2	4.9	17.9	0.0	25.3	10.2
183	Belpahari	Ps.Medinipur	256.7	228.1	5.3	17.4	0.0	24.1	11.1
184	Dwarigeria	Ps.Medinipur	157.1	95.7	5.3	17.4	0.0	25.3	14.5
185	Kushmandi	D. Dinajpur	157.8	52.1	5.8	16.8	0.0	3.2	5.0
186	Phansidewa	Darjiling	104.4	63.4	7.3	15.2	0.0	5.7	35.5
187	Bharatpur	Murshidabad	215.0	81.2	7.8	14.6	0.1	5.8	11.3
188	Sarapol	N.24-Parganas	101.6	52.7	6.9	15.3	2.6	13.4	13.8
189	Jangipara	Hugli	64.6	52.3	6.6	15.6	2.3	14.4	11.2
190	L B Dutta	S.24-Parganas	88.1	26.0	7.0	15.1	4.5	4.2	22.1
191	Amjhuri	Bankura	88.7	53.2	7.1	14.9	0.0	12.8	13.5
192	Khaspur	D. Dinajpur	28.3	15.8	2.1	19.8	0.0	2.9	15.8
193	Mollarpur	Birbhum	194.4	93.1	4.8	17.1	0.0	19.8	10.2
194	Khargram	Murshidabad	109.1	53.5	5.2	16.4	0.0	5.0	25.5
195	Bhatibari	Jalpaiguri	95.6	54.4	6.6	14.8	3.2	31.9	9.6
196	Anantapur	Pu.Medinipur	46.8	41.5	4.8	16.6	0.0	17.3	23.4
197	Maheshganj	Nadia	73.2	38.3	4.8	16.4	0.0	19.6	13.7
198	Khirpai	Ps.Medinipur	101.5	66.3	4.8	16.3	0.0	27.2	18.8
199	Baswa	Birbhum	29.7	6.5	5.8	15.2	0.0	41.1	17.6
200	Sultanpur	Birbhum	72.9	41.9	5.0	15.9	0.0	16.0	17.7
201	Srirampur	Bardhaman	86.0	41.8	4.8	16.1	3.0	22.8	43.5
202	Nakrakonda	Birbhum	89.4	24.9	2.8	17.9	0.0	0.0	17.0
203	Kotulpur	Bankura	129.7	120.3	4.3	16.4	2.1	11.3	21.6
204	Kamalpur	Haora	107.9	94.7	6.1	14.4	0.0	2.0	14.3
205	Bhangagarh	Ps.Medinipur	102.4	70.0	2.2	18.4	0.0	36.1	22.5
206	Nalmuri	S.24-Parganas	90.1	53.6	7.0	13.4	0.0	3.2	21.2
207	Banda	Puruliya	193.8	130.3	3.5	16.9	0.0	32.0	5.1
208	Bhatar	Bardhaman	97.2	54.8	4.9	15.5	3.2	15.0	19.7
209	Tarakeswar	Hugli	112.7	81.1	2.2	17.9	5.5	5.2	15.7
210	Satpalsa	Birbhum	34.8	4.2	2.5	17.5	0.0	16.7	57.9
211	Sonakhali	Ps.Medinipur	40.0	35.0	2.5	17.4	0.0	45.7	7.1
212	Pingla	Ps.Medinipur	69.1	33.5	3.4	16.5	0.0	38.6	16.2
213	Byanjanherial Charial	S.24-Parganas	96.3	98.8	12.9	6.8	0.0	5.3	0.0
214	Singur	Hugli	104.6	62.9	4.4	14.7	2.5	10.9	7.9
215	Mahesail	Murshidabad	129.8	76.0	5.2	13.8	0.0	25.1	12.6
216	Basanti	S.24-Parganas	50.0	45.2	2.6	16.3	0.0	0.8	4.9

Table VII. 12 : Rank of Rural Hospitals by Performance Indicators in W. B. during 2011(January to December) -concl.d.

Rank	Rural Hospital	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of imaging and electro-medical tests to total IPD and OPD	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
217	Raidighi	S.24-Parganas	124.9	113.4	1.9	16.9	3.2	13.3	1.5
218	Dwariknagar	S.24-Parganas	121.9	53.9	1.4	16.8	1.2	13.7	11.7
219	H.S. Janubasan	Pu.Medinipur	37.8	18.5	4.8	13.2	0.0	11.9	55.4
220	Baduria	N.24-Parganas	101.4	66.1	3.5	14.5	3.2	3.9	47.2
221	Rashidpur	D. Dinajpur	154.7	72.2	9.2	8.3	0.0	0.9	9.3
222	Natibpur	Hugli	26.1	25.0	4.1	13.4	0.0	23.9	0.0
223	Chandpara	N.24-Parganas	64.7	24.8	5.3	11.7	0.0	8.6	14.8
224	Kulai	Haora	19.9	13.5	9.3	7.6	0.0	12.3	73.7
224	Tapan	D. Dinajpur	246.3	89.5	6.5	10.4	0.0	1.4	15.2
225	Bamanhat	Koch Bihar	115.1	27.2	7.2	9.5	0.0	0.0	3.7
226	Sabdalpur	N.24-Parganas	50.6	29.5	6.6	10.0	0.0	61.7	5.2
227	Burwan	Murshidabad	228.9	103.4	7.0	9.5	0.0	6.8	18.4
228	Nalhati	Birbhum	109.9	21.4	3.5	12.5	0.0	45.1	16.8
229	Karimpur	Nadia	735.0	113.9	8.0	7.7	1.6	4.4	7.2
230	Gosaba	S.24-Parganas	65.7	66.9	3.9	11.8	0.7	5.3	5.1
231	Bijanbari	Darjiling	54.3	51.5	1.9	13.6	0.0	11.0	27.2
232	Madarihat	Jalpaiguri	70.6	36.9	6.6	8.7	0.0	101.2	13.6
233	Sainthia	Birbhum	240.6	107.4	6.0	9.1	4.2	13.1	16.3
234	Sarenga	Bankura	44.6	42.3	5.4	9.5	0.0	12.4	9.8
235	Brindabanpur	Haora	19.1	10.3	5.4	9.0	0.0	15.8	29.6
236	Daspur	Ps.Medinipur	50.6	34.6	3.5	10.5	2.9	38.9	16.6
237	Patashpur	Pu.Medinipur	43.8	37.1	4.4	8.6	0.0	0.0	153.5
238	Kewakole	Ps.Medinipur	86.0	37.5	4.4	8.6	0.0	22.5	7.0
239	Taki	N.24-Parganas	96.3	31.0	2.9	9.7	7.5	7.7	16.5
240	Anchuri	Bankura	77.6	96.9	8.6	3.9	0.0	13.9	7.4
241	Mirik	Darjiling	25.4	14.6	2.6	9.7	0.0	6.9	26.2
242	Amtala	S.24-Parganas	113.3	82.6	4.7	7.4	3.6	12.5	5.0
243	Kanaipur	Hugli	38.4	48.6	4.7	7.1	0.0	12.0	65.6
244	Ramjibanpur	Barddhaman	141.5	13.4	4.6	7.0	0.0	31.7	5.3
245	Takdah	Darjiling	11.3	16.7	1.4	9.6	0.0	2.2	50.6
246	Naiyarat	S.24-Parganas	21.9	17.8	2.5	8.4	0.0	1.1	9.1
247	Rambi	Darjiling	14.6	12.3	0.9	9.8	2.1	5.0	63.7
248	Ballabhpur	Barddhaman	57.6	59.5	3.0	7.3	3.7	2.3	12.0
249	Sukna	Darjiling	50.4	38.5	2.4	6.6	0.0	21.1	16.5
250	Biswanathpur	N.24-Parganas	29.1	1.6	7.7	0.0	0.0	0.1	13.8
251	Maslandapur	N.24-Parganas	18.0	3.3	3.7	3.3	0.0	5.5	68.8
252	Nanna	N.24-Parganas	3.2	2.5	4.3	0.0	0.0	0.0	30.5
<b>Rural Hospitals</b>			<b>122.9</b>	<b>64.0</b>	<b>6.5</b>	<b>22.2</b>	<b>0.9</b>	<b>14.1</b>	<b>16.7</b>

Note : Rural Hospitals are ranked by giving 50 % weight each to outpatient per bed day and % of deliveries to admission.

**Table VII.13 : Performance of Block Primary Health Centres in West Bengal during 2011 (January to December)**

Block Primary Health Centre	District	Total Outpatients	Total deliveries performed	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Joypur	Bankura	47134	417	4983	2045	2025	2031	249
Kanchanpur	Bankura	40811	99	8249	1386	1370	1371	349
Mejhia	Bankura	56622	710	7471	1837	1821	1821	211
Simlapal	Bankura	89889	1236	840	4355	4326	4343	619
Adrahati	Bardhaman	85268	541	12161	1502	1489	1495	266
Akalpur	Bardhaman	25569	46	1510	1201	1193	1196	73
Badla	Bardhaman	35833	91	2600	1355	1339	1339	170
Barsul	Bardhaman	64977	139	4426	141	141	141	129
Jamtara	Bardhaman	67341	459	15606	1911	1896	1903	205
Ketugram	Bardhaman	79047	341	13760	600	599	599	592
Khandaghosh	Bardhaman	93235	230	2568	603	584	589	115
Kurman	Bardhaman	53349	263	6665	1764	1708	1709	524
Mangalkote	Bardhaman	108155	307	19489	3444	3426	3432	714
Noapara	Bardhaman	37359	253	14696	1381	1372	1375	170
Raniganj	Bardhaman	59063	766	10645	1989	1973	1984	218
Srikhanda	Bardhaman	43097	265	5825	482	468	469	43
Pandabeswar	Bardhaman	13385	2	0	2	2	2	0
Bara Chaturi	Birbhum	36587	61	6796	267	262	263	33
Bolpur	Birbhum	88508	841	0	2608	2545	2550	215
Chakmondala	Birbhum	22277	24	10350	161	133	133	0
Lohapur	Birbhum	39506	739	10215	2365	2360	2361	53
Mathurapur (Chaloon)	D. Dinajpur	32619	0	0	0	0	0	0
Gorubathan	Darjiling	1875	55	0	1679	1632	1636	312
Sukhia Pukhri	Darjiling	10537	20	2016	196	163	172	19
Matigara	Darjiling	75842	479	25038	3231	3212	3223	477
Debipur	Haora	67759	104	0	757	752	756	151
Joypur	Haora	58653	25	914	420	418	419	78
Gohat	Hugli	9251	0	0	0	0	0	0
Mangalbari	Jalpaiguri	52622	281	41105	1535	1499	1503	225
Odlabari	Jalpaiguri	51872	16	0	16	16	16	0
Baxirhat	Koch Bihar	41528	216	27856	1398	1379	1395	88
Changrabandha	Koch Bihar	46293	87	0	672	665	669	43
Gosanimari	Koch Bihar	100799	445	18908	1312	1302	1306	142
Ahiron	Murshidabad	135948	465	5470	3301	3247	3255	493
Beldanga	Murshidabad	118038	1244	3159	3153	3126	3139	676
Hariharpara	Murshidabad	98445	2329	3901	4320	4284	4284	1770
Karna Subarna	Murshidabad	81993	760	7549	4689	4648	4653	630
Nabagram	Murshidabad	58369	930	6035	6714	6672	6689	1147
Nasimpur	Murshidabad	112453	909	1454	4123	4053	4054	1054
Teghari	Murshidabad	100650	422	604	4028	3967	3971	764

contd..

**Table VII.13 : Performance of Block Primary Health Centres in West Bengal during 2011 (January to December) -concl.d.**

Block Primary Health Centre	District	Total Outpatients	Total deliveries performed	Total laboratory tests done	Total number of admissions	Total discharge	Total discharge and death	No. of cases referred out
Bhagirathpur	Murshidabad	21475	6	0	6	6	6	0
Farakka	Murshidabad	22285	1234	141	4545	4529	4540	240
Chandra	Ps.Medinipur	43142	426	21697	1785	1767	1774	167
Changual	Ps.Medinipur	29383	254	19234	1165	1161	1161	121
Chilkigarh	Ps.Medinipur	45681	550	10173	2151	2133	2144	228
Dantan	Ps.Medinipur	21485	728	16638	2427	2392	2412	498
Mohanpur	Ps.Medinipur	12448	97	14315	857	852	852	68
Vidyasagar	Ps.Medinipur	39886	110	13305	1121	1092	1098	196
Amlat	Pu.Medinipur	51079	49	10655	332	330	331	726
Bargashipur	Pu.Medinipur	16572	9	5346	66	65	65	183
Digha AK	Pu.Medinipur	14934	0	0	0	0	0	0
Garh Moyna	Pu.Medinipur	95221	970	0	4783	4778	4781	296
Gonara	Pu.Medinipur	46126	665	417	1579	1568	1573	129
Kamarda	Pu.Medinipur	38313	280	0	1777	1742	1757	365
Kharipukuria	Pu.Medinipur	31518	30	333	89	89	89	12
Majna	Pu.Medinipur	62057	352	5793	1446	1440	1444	228
Ramchandrapur	Pu.Medinipur	33698	27	0	136	132	132	17
Bandipur	N.24-Parganas	49440	272	13623	1092	1073	1074	114
Chhotojagulia	N.24-Parganas	17557	200	0	1821	1789	1801	194
Shibhati	N.24-Parganas	52642	0	315	1547	1493	1512	304
Sundarpur	N.24-Parganas	22354	0	0	1324	1320	1322	134
Chowgachha	Nadia	24837	0	0	0	0	0	0
Nabla (Fulia)	Nadia	54320	77	0	77	77	77	0
Bari	Puruliya	60463	792	11164	2451	2420	2437	198
Balitora (Raghunathpur)	Puruliya	22806	0	9892	0	0	0	0
Chandi Daulatabad	S.24-Parganas	55207	89	0	660	650	654	113
Falta	S.24-Parganas	62622	323	0	1829	1788	1814	339
Kulpi	S.24-Parganas	47249	763	326	3593	3495	3502	489
Samali	S.24-Parganas	58283	185	1860	1033	1019	1020	600
Sarisha	S.24-Parganas	120723	360	139	1762	1717	1718	284
Sarsuna	S.24-Parganas	35482	5	1807	141	129	129	304
Rampur (Raiganj)	U. Dinajpur	82047	801	17559	3123	3056	3056	114
Kunour (Kaliayaganj)	U. Dinajpur	108847	773	653	4358	4317	4319	285
<b>BPHCs</b>		<b>3942740</b>	<b>27044</b>	<b>478249</b>	<b>122019</b>	<b>120486</b>	<b>120840</b>	<b>19963</b>



**Table VII.14 : Rank of Block Primary Health Centres by Performance Indicators in West Bengal during 2011 (January to December)**

Rank	Block Primary Health Centre	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
1	Barsul	Barddhaman	9.4	2.7	11.9	98.6	6.8	20.6
2	Ketugram	Barddhaman	39.9	10.0	14.4	56.8	17.3	15.4
3	Hariharpara	Murshidabad	214.2	119.6	13.5	53.9	3.6	41.3
4	Srikhanda	Barddhaman	31.3	12.3	7.9	55.0	13.3	9.2
5	Khandaghosh	Barddhaman	39.3	10.1	17.0	38.1	2.7	19.7
6	Gonara	Pu.Medinipur	157.3	109.3	12.6	42.1	0.8	8.2
7	Beldanga	Murshidabad	125.6	56.7	12.9	39.5	2.6	21.6
8	Adrahati	Barddhaman	99.7	34.4	15.6	36.0	14.0	17.9
9	Rampur (Raiganj)	U. Dinajpur	305.6	55.9	22.5	25.6	20.9	3.7
10	Raniganj	Barddhaman	79.4	56.4	6.5	38.5	16.6	11.0
11	Mejhia	Bankura	72.8	34.4	6.2	38.6	12.5	11.6
12	Simlapal	Bankura	289.5	175.3	16.4	28.4	0.8	14.3
13	Bari	Puruliya	162.5	125.8	11.0	32.3	16.6	8.2
14	Gosanimari	Koch Bihar	43.5	14.0	9.2	33.9	18.5	10.9
15	Nasimpur	Murshidabad	270.3	109.3	20.5	22.0	1.2	26.0
16	Sarisha	S.24-Parganas	114.5	61.8	22.0	20.4	0.1	16.5
17	Kharipukuria	Pu.Medinipur	8.9	1.6	8.6	33.7	1.1	13.5
18	Ahiron	Murshidabad	217.0	127.6	24.8	14.1	3.8	15.2
19	Lohapur	Birbhum	157.4	31.8	7.2	31.2	24.8	2.2
20	Garh Moyna	Pu.Medinipur	318.7	124.1	17.4	20.3	0.0	6.2
21	Kunour (Kaliayaganj)	U. Dinajpur	287.9	28.1	19.9	17.7	0.6	6.6
22	Jamtara	Barddhaman	126.9	87.7	12.3	24.0	21.6	10.8
23	Bolpur	Birbhum	42.5	26.6	4.0	32.2	0.0	8.4
24	Majna	Pu.Medinipur	96.3	30.6	11.3	24.3	9.1	15.8
25	Matigara	Darjiling	322.3	129.5	20.8	14.8	31.1	14.9
26	Falta	S.24-Parganas	181.4	110.4	17.2	17.7	0.0	19.0
27	Bandipur	N.24-Parganas	71.6	32.5	9.0	24.9	26.6	10.6
28	Dantan	Ps.Medinipur	160.8	77.8	3.9	30.0	64.6	20.8
28	Chilkigarh	Ps.Medinipur	142.9	66.5	8.3	25.6	20.6	10.7
29	Chandra	Ps.Medinipur	118.3	64.4	7.9	23.9	46.5	9.5
30	Farakka	Murshidabad	302.7	152.9	4.1	27.2	0.5	5.3
31	Karna Subarna	Murshidabad	310.2	167.9	15.0	16.2	8.3	13.6
32	Kulpi	S.24-Parganas	233.5	112.7	8.6	21.2	0.6	14.0
32	Changual	Ps.Medinipur	116.1	50.6	8.1	21.8	61.6	10.4
33	Bara Chaturi	Birbhum	17.5	6.6	6.7	22.8	18.4	12.6
33	Kurman	Barddhaman	170.9	104.6	14.6	14.9	11.7	30.7
34	Joypur	Bankura	135.4	77.1	8.6	20.4	9.7	12.3

contd..

**Table VII.14 : Rank of Block Primary Health Centres by Performance Indicators in West Bengal during 2011 (January to December) - conclud.**

Rank	Block Primary Health Centre	District	Bed turnover rate	Bed occupancy rate in %	Outpatient per bed day	% of deliveries to admission	% of laboratory tests to total IPD and OPD	% of patients referred out to total discharged patients
35	Teghari	Murshidabad	264.7	113.2	18.4	10.5	0.6	19.3
36	Amlat	Pu.Medinipur	33.1	9.9	14.0	14.8	20.7	38.2
37	Mangalkote	Barddhaman	228.8	95.6	19.8	8.9	17.2	20.8
38	Chandi Daulatabad	S.24-Parganas	65.4	31.6	15.1	13.5	0.0	17.4
39	Samali	S.24-Parganas	68.0	33.8	10.6	17.9	3.1	58.9
40	Mangalbari	Jalpaiguri	100.2	50.7	9.6	18.3	74.2	15.0
41	Baxirhat	Koch Bihar	139.5	57.0	11.4	15.5	63.9	6.4
42	Debipur	Haora	50.4	24.2	12.4	13.7	0.0	20.1
43	Changrabandha	Koch Bihar	66.9	30.0	12.7	12.9	0.0	6.5
44	Noapara	Barddhaman	91.7	35.0	6.8	18.3	37.4	12.4
45	Nabagram	Murshidabad	445.9	172.1	10.7	13.9	8.9	17.2
46	Kamarda	Pu.Medinipur	117.1	65.1	7.0	15.8	0.0	21.0
47	Vidyasagar	Ps.Medinipur	109.8	72.4	10.9	9.8	31.3	17.9
48	Chakmondala	Birbhum	8.9	2.0	4.1	14.9	46.2	0.0
49	Bargashipur	Pu.Medinipur	6.5	2.0	4.5	13.6	32.1	35.4
50	Joypur	Haora	27.9	21.9	10.7	6.0	1.5	18.7
51	Mohanpur	Ps.Medinipur	85.2	27.9	3.4	11.3	106.3	8.0
52	Kanchanpur	Bankura	91.4	79.9	7.5	7.1	18.3	25.5
53	Chhotojagulia	N.24-Parganas	120.1	50.7	3.2	11.0	0.0	10.8
54	Badla	Barddhaman	89.3	54.3	6.5	6.7	6.7	12.7
55	Sukhia Pukhri	Darjiling	6.9	4.7	1.2	10.2	18.4	11.7
56	Akalpur	Barddhaman	119.6	12.2	7.0	3.8	5.8	6.1
57	Sarsuna	S.24-Parganas	8.6	2.4	6.5	3.5	5.1	80.6
58	Shibhati	N.24-Parganas	100.8	24.8	9.6	0.0	0.6	20.4
59	Balitora (Raghunathpur)	Puruliya	0.0	0.0	6.2	0.0	43.4	0.0
60	Gorubathan	Darjiling	65.4	34.1	1.3	3.3	0.0	19.1
61	Sundarpur	N.24-Parganas	88.1	7.1	4.1	0.0	0.0	10.2
62	Digha AK	Pu.Medinipur	0.0	0.0	2.7	0.0	0.0	0.0
	<b>BPHC's</b>		<b>119.4</b>	<b>55.0</b>	<b>10.1</b>	<b>22.1</b>	<b>12.2</b>	<b>15.3</b>

Note : BPHCs are ranked by giving 50 % weight each to outpatient per bed day and % of deliveries to admission.





## **Chapter – VIII**

### **PUBLIC HEALTH STATISTICS**

---

---



## National Anti Malaria Programme

**Table VIII.1.1 : Activities on National Anti Malaria Programme (NAMP) of West Bengal, 1989-2011**  
**Epidemiological Situation**

Year	No. of BS examined in '000	No. of Positive Cases	Pf Cases	ABER	SPR	Pf%	API	Death due to Malaria
1989	1642	35624	6539	3.0	2.2	18.4	0.6	16
1990	1610	27531	3892	3.0	1.7	14.1	0.5	4
1991	1845	40452	7913	3.1	2.2	19.6	0.7	13
1992	2475	49130	9170	4.3	2.0	18.7	0.8	43
1993	2078	46138	8723	3.4	2.2	18.9	0.8	37
1994	2535	74823	15399	4.1	2.9	20.7	1.2	52
1995	2529	91014	17226	4.0	3.6	18.9	1.5	87
1996	2250	87686	14725	3.5	3.9	16.8	1.4	56
1997	2417	155209	23545	4.4	6.4	15.2	2.8	74
1998	2426	132088	25156	3.9	5.4	19.0	2.1	77
1999	2882	227480	72755	3.5	7.9	32.0	2.8	144
2000	2983	145322	32465	3.6	4.9	22.3	1.8	103
2001	3368	145053	42596	4.1	4.3	29.4	1.8	191
2002	3897	194421	60726	4.7	5.0	31.2	2.3	152
2003	4232	233802	76975	5.0	5.5	32.9	2.8	214
2004	3879	221617	60643	4.6	5.7	27.4	2.6	186
2005	4409	185964	39640	5.5	4.2	21.3	2.3	175
2006	5272	159646	42999	6.2	3.0	26.9	1.9	203
2007	4656	87754	21461	5.6	1.9	25.0	1.1	96
2008	4466	89443	24453	5.4	2.0	27.3	1.1	104
2009	5337	141211	36982	6.3	2.7	26.2	1.7	74
2010	5440	134795	23731	7.3	2.5	18.3	1.8	47
2011	5044	66368	10858	5.1	1.3	16.4	0.7	19

Pf = Plasmodium Falciparum

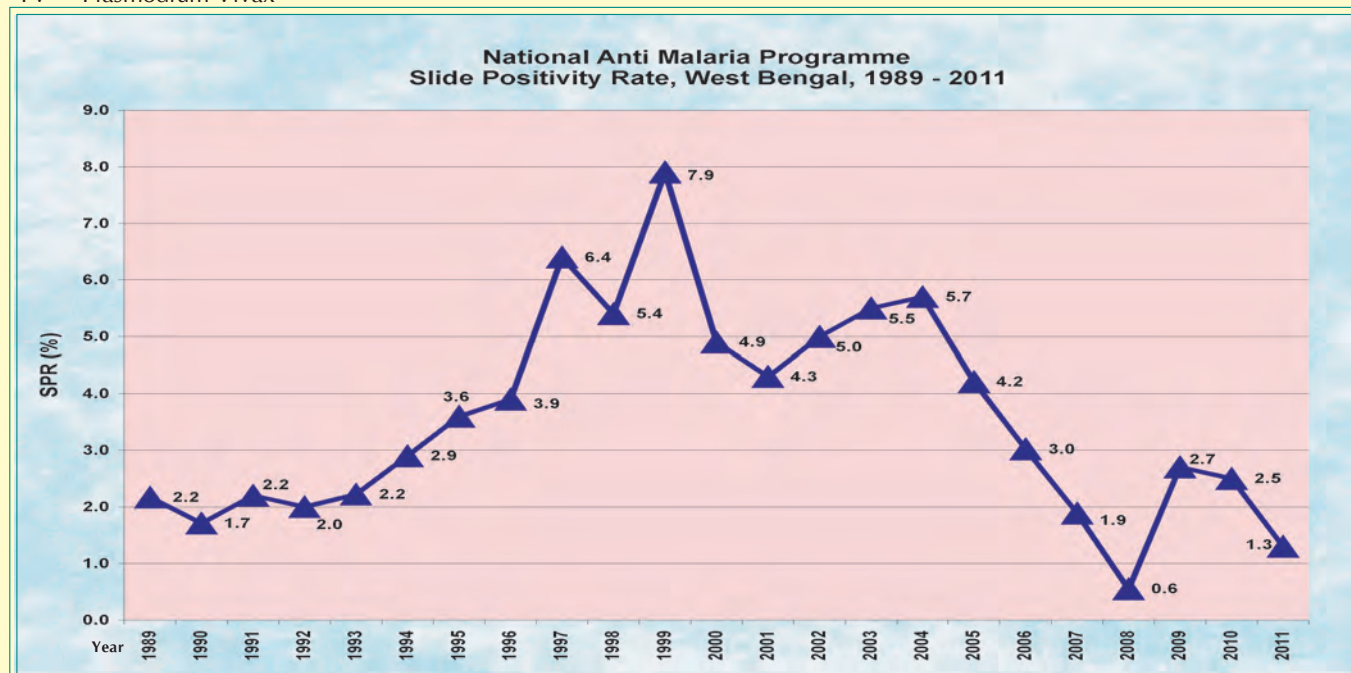
API = Annual Parasite incidence

Source: DDHS(Malaria), West Bengal

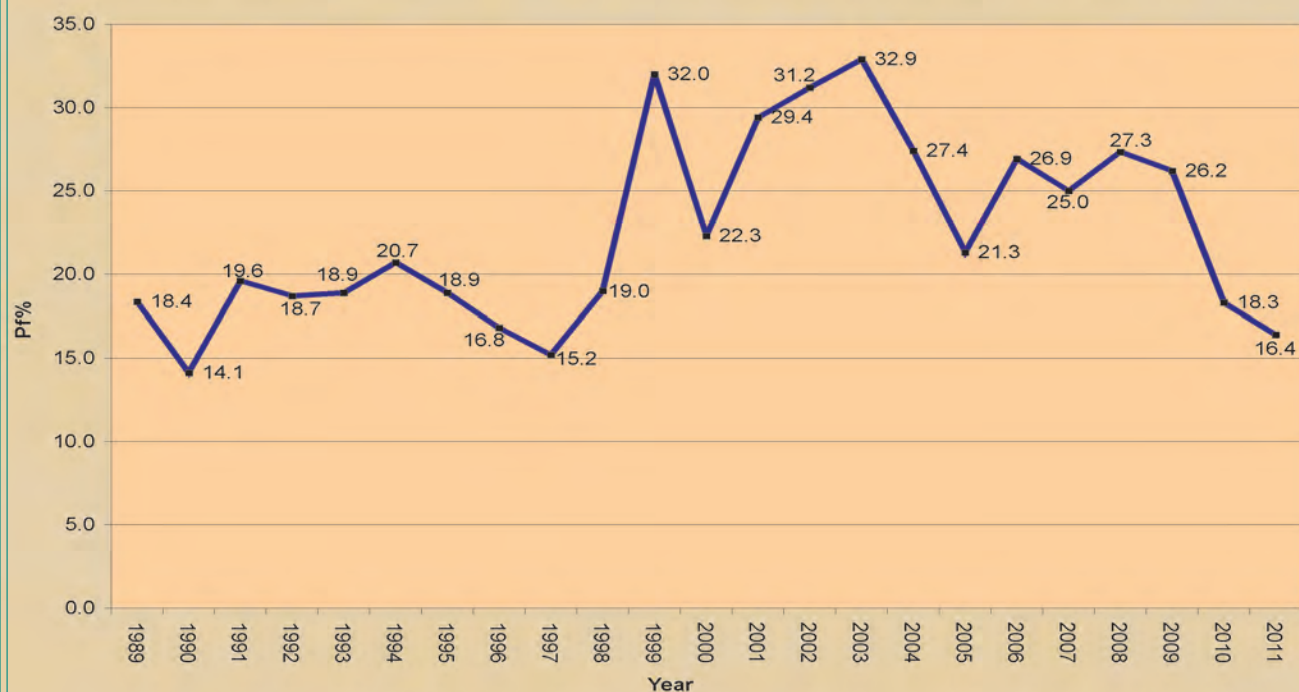
SPR = Slide Positivity Rate

ABER = Annual Blood Smear Examination Rate

Pv = Plasmodium Vivax



**Percentage of Blood Smears Positive for *P. falciparum* (Pf%), West Bengal, 1989 -2011**



**Annual Blood Slide Examination Rate, 1989-2011**

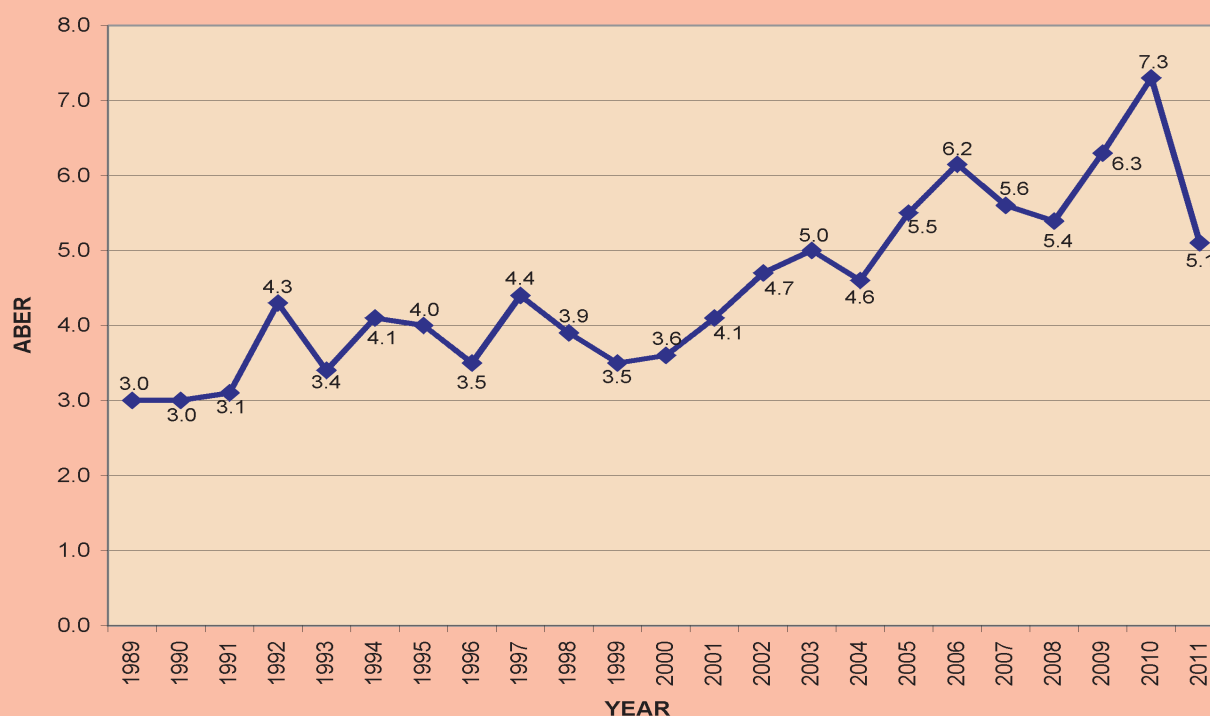


Table VIII.1.2 : Annual Epidemiological Report of Malaria, West Bengal, 2011

Description		Number
1. Malaria Positive cases		66368
2. Specis Distribution		
	Plasmodium Vivax	55510
	Plasmodium Falciparum	10858
	<b>Total</b>	<b>66368</b>
3. Sex Distribution		
	Male	48556
	Female	14814
	Sex not mentioned	2998
	<b>Total</b>	<b>66368</b>
4. Age Distribution		
	< 1 year	1055
	> = 1 year	65313
	<b>Total</b>	<b>66368</b>

Table VIII.1.2a : Month-wise Distribution of Positive Cases and Deaths due to Malaria in West Bengal during 2011

Month	Cases	Deaths
January	2159	2
February	2397	1
March	3436	0
April	4097	1
May	4709	1
June	6833	1
July	7110	5
August	7847	2
September	9803	0
October	8624	2
November	6272	0
December	3081	4
<b>Total</b>	<b>66368</b>	<b>19</b>

Table: VIII.1.3 : District-wise Annual Epidemiological Report of Malaria of West Bengal in 2011

District	Blood Slides			Sex Distribution		Species Distribution		Age Distribution		Malaria Parameters			Deaths
	Collected	Examined	Total + Ve	Male	Female	Pv	Pf	< 1 year	>= 1 year	ABER	API	SPR	
Nadia	332592	241924	532	424	108	442	90	0	532	4.68	0.1	0.22	16.82
South 24-Parganas	257753	209757	702	602	100	662	40	0	702	2.57	0.1	0.33	5.70
North 24-Parganas	234346	234346	1236	1091	145	1026	210	1	1235	2.32	0.12	0.53	16.99
Murshidabad	206355	157025	3240	3058	182	2769	471	0	3240	2.21	0.46	2.06	14.54
Haora	226484	212920	2998	NA	NA	2848	150	0	2998	4.4	0.62	1.41	5.00
Hugli	297955	235541	290	259	31	251	39	0	290	4.27	0.05	0.12	13.45
Birbhum	270683	262252	663	546	117	405	258	0	663	7.49	0.19	0.25	38.91
Bardhaman	416209	416209	155	130	25	118	37	0	155	5.39	0.02	0.04	23.87
Paschim Midnapur	474661	474661	1553	975	578	1254	299	6	1547	7.99	0.26	0.33	19.25
Purba Midnapur	240881	239131	691	611	80	599	92	0	691	4.69	0.14	0.29	13.31
Puruliya	394486	390633	2832	1586	1246	846	1986	6	2826	13.34	0.97	0.72	70.09
Bankura	304794	295937	1104	810	294	823	281	8	1096	8.23	0.31	0.37	25.45
Malda	154297	154297	2126	1766	360	1827	299	0	2126	3.86	0.53	1.38	14.06
Uttar Dinajpur	75722	66550	134	130	4	113	21	0	134	2.22	0.04	0.20	15.67
Dakshin Dinajpur	63669	63669	177	155	22	155	22	5	172	3.81	0.11	0.28	12.43
Koch Bihar	273190	251187	858	730	128	771	87	0	858	8.90	0.30	0.34	10.14
Jalpaiguri	778014	766777	2586	1528	1058	1716	870	9	2577	19.82	0.67	0.34	33.64
Darjiling	89356	88127	278	191	87	108	170	0	278	4.78	0.15	0.31	61.15
KMC	238502	237502	42724	32893	9831	37430	5294	995	41729	5.19	9.33	17.99	12.39
KMUHO	46543	45833	1489	1071	418	1347	142	25	1464	0.61	2.20	3.25	9.54
West Bengal	5376492	5044278	66368	48556	14814	55510	10858	1055	65313	5.10	0.67	1.32	16.36

Source: DDHS (Malaria), West Bengal.

Table VIII.1.4: District-wise AES / Japanese Encephalitis (JE) Positive Cases in West Bengal, 2011

District	AES cases reported		Death due to AES		Cases tested for JE		JE +		Death due to JE	
	AES cases reported	Death due to AES	Cases tested for JE	JE +	Death due to JE	Death due to JE	Death due to JE	Death due to JE	Death due to JE	Death due to JE
Bardhaman	115	0	107	12	0	0	0	0	0	0
Bankura	23	2	17	3	0	0	0	0	0	0
Birbhum	61	0	46	8	0	0	0	0	0	0
Hugli	68	0	40	7	0	0	0	0	0	0
Murshidabad	9	0	7	2	0	0	0	0	0	0
Puruliya	6	0	4	1	0	0	0	0	0	0
Paschim Medinipur	17	1	12	2	0	0	0	0	0	0
Purba Medinipur	3	0	2	1	0	0	0	0	0	0
Haora	8	0	6	4	0	0	0	0	0	0
Malda	70	7	31	7	0	0	0	0	0	0
Nadia	25	0	25	5	0	0	0	0	0	0
Koch Bihar	88	6	37	8	0	0	0	0	0	0
Jalpaiguri	118	33	61	15	0	0	0	0	0	0
Darjiling	10	2	10	1	0	0	0	0	0	0
Uttar Dinajpur	4	0	0	2	0	0	0	0	0	0
Dakshin Dinajpur	15	2	13	6	0	0	0	0	0	0
North 24-Parganas	9	0	7	3	0	0	0	0	0	0
South 24-Parganas	1	0	1	2	0	0	0	0	0	0
Kolkata	20	0	20	6	0	0	0	0	0	0
Other States *	39	5	32	8	0	0	0	0	0	0
<b>Total</b>	<b>709</b>	<b>58</b>	<b>478</b>	<b>103</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>3</b>

\* Persons coming from other states for treatment



Table VIII.1.5 : Reported Cases and Deaths due to Kala-azar in West Bengal, 2005 - 2011

District	2005		2006		2007		2008		2009		2010		2011	
	Attack	Death	Attack	Death	Attack	Death	Attack	Death	Attack	Death	Attack	Death	Attack	Death
Darjiling	156	1	126	0	182	1	126	0	100	0	220	0	384	0
Uttar Dinajpur	108	1	60	0	56	0	62	0	35	0	58	1	180	0
Dakshin Dinajpur	253	2	333	1	285	1	197	2	124	0	120	0	129	0
Malda	559	3	429	0	535	0	497	0	268	0	630	3	827	0
Murshidabad	810	2	575	6	630	3	265	0	149	0	279	0	288	0
Nadia	7	1	13	2	3	2	0	0	6	0	17	0	13	0
North 24-Parganas	141	0	64	0	39	0	24	0	12	0	21	0	14	0
South 24-Parganas	494	3	140	1	36	0	41	0	42	0	66	0	33	0
Hugli	10	0	6	0	3	0	4	0	0	0	12	0	3	0
Bardhaman	41	2	58	0	22	1	14	0	6	0	10	0	39	0
Birbhum	131	0	39	0	26	1	26	1	14	0	42	0	52	0
<b>Total</b>	<b>2710</b>	<b>15</b>	<b>1843</b>	<b>10</b>	<b>1817</b>	<b>9</b>	<b>1256</b>	<b>3</b>	<b>756</b>	<b>0</b>	<b>1475</b>	<b>4</b>	<b>1962</b>	<b>0</b>

Table VIII.1.6.1: Reported Cases and Deaths due to Dengue /DHF in West Bengal for 2010 &amp; 2011

Sl. No.	District	2010		2011	
		Cases	Deaths	Cases	Deaths
1	Bankura	54	0	14	0
2	Birbhum	4	0	6	0
3	Bardhaman	25	0	5	0
4	Koch Bihar	0	0	0	0
5	Dakshin Dinajpur	2	0	0	0
6	Darjiling	0	0	1	0
7	Hugli	33	0	30	0
8	Haora	13	0	56	0
9	Jalpaiguri	0	0	1	0
10	Kolkata	437	1	254	0
11	Malda	7	0	7	0
12	Murshidabad	10	0	11	0
13	North 24-Parganas	95	0	54	0
14	Nadia	15	0	13	0
15	Paschim Medinipur	9	0	9	0
16	Purba Medinipur	15	0	10	0
17	Puruliya	2	0	0	0
18	South 24-Parganas	61	0	31	0
19	Uttar Dinajpur	0	0	0	0
20	Other States *	23	0	8	0
<b>Total</b>		<b>805</b>	<b>1</b>	<b>510</b>	<b>0</b>

\* Persons coming from other states for treatment

Source: Jt.DHS (PH &amp; CD), West Bengal

**Table VIII.1.6.2 : Epidemiological Report of Chikungunya, West Bengal 2011**

District	Clinically suspected cases	No. of samples tested	Confirmed cases	Positivity Rate ( % )
Bankura	82	24	4	16.7
Birbhum	4	4	1	25.0
Bardhaman	241	75	20	26.7
Koch Bihar	0	0	0	
Dakshin Dinajpur	0	0	0	
Darjiling	0	0	0	
Hugli	249	116	18	15.5
Haora	776	135	50	37.0
Jalpaiguri	706	20	10	50.0
Malda	16	13	4	30.8
Murshidabad	4	4	1	25.0
Nadia	649	79	22	27.8
North 24-Parganas	195	193	60	31.1
Puruliya	3	3	1	33.3
Paschim Medinipur	8	8	2	25.0
Purba Medinipur	22	22	5	22.7
South 24-Parganas	109	109	24	22.0
Uttar Dinajpur	0	0	0	
Kolkata	1379	1379	719	52.1
Other States *	39	39	15	38.5
<b>West Bengal</b>	<b>4482</b>	<b>2223</b>	<b>956</b>	<b>43.0</b>

\* Persons coming from other states for treatment

**Table VIII.1.7 : Indoor Residual Spray ( IRS ) with D.D.T. 50% for the Year 2011**

Sl. No.	District	Total No. of Sub-centres	No. of Sub-centres sprayed	Population of sprayed Sub-centres	Achievements				Coverage in %	
					Targetted		Sprayed		Room	CS
					Room	CS	Room	CS		
1	Nadia	469	42	39250	15649	2469	13224	2244	85	91
2	South 24-Parganas	1068	14	102833	0	0	44658	0	0	0
3	North 24-Parganas	742	2	13036	6121	0	3730	528	67	9
4	Murshidabad	832	31	39297	35929	0	14057	0	39	0
5	Haora	448	46	40277	9962	0	8622	0	87	0
6	Hugli	660	0	0	0	0	0	0	0	0
7	Birbhum	484	62	119342	97970	0	77170	0	79	0
8	Bardhaman	765	5	35355	21213	0	14890	0	70	0
9	Paschim Medinipur	858	64	372000	74425	0	62147	0	84	0
10	Purba Medinipur	706	0	0	0	0	0	0	0	0
11	Puruliya	485	266	194498	107661	0	88085	0	82	0
12	Bankura	564	144	272598	18813	0	129034	0	81	0
13	Malda	511	78	126729	75398	10446	74640	10102	99	97
14	Uttar Dinajpur	344	0	0	0	0	0	0	0	0
15	Dakshin Dinajpur	247	34	150350	86046	0	75435	0	88	0
16	Koch Bihar	406	0	0	0	0	0	0	0	0
17	Jalpaiguri	537	0	0	0	0	0	0	0	0
18	Darjiling	230	0	0	0	0	0	0	0	0

Table VIII.1.8: Distribution of Population in West Bengal as per API, 2011

Sl. No.	District	Estimated Total Pop. as on Mid. 2011	Total No. of Sub-centres	Population with API < 2		Population with 2 < API < 5		Population with 5 < API < 10		Population with API 10 & above	
				No. of Sub-centres	Population	No. of Sub-centres	Population	No. of Sub-centres	Population	No. of Sub-centres	Population
1	Nadia	5168488	469	469	5168488	0	0	0	0	0	0
2	South 24-Parganas	8153176	1068	1068	8153176	0	0	0	0	0	0
3	North 24- Parganas	10082852	742	742	10082852	0	0	0	0	0	0
4	Murshidabad	7102430	832	769	6601380	57	459263	6	41787	0	0
5	Haora	4841638	448	425	4671167	23	170471	0	0	0	0
6	Hugli	5520389	660	660	5520389	0	0	0	0	0	0
7	Birbhum	3502387	484	462	3355051	22	147336	0	0	0	0
8	Bardhaman	7723663	765	765	7723663	0	0	0	0	0	0
9	Paschim Medinipur	5943300	858	837	5794515	6	85804	4	20659	11	42322
10	Purba Medinipur	5094238	706	706	5094238	0	0	0	0	0	0
11	Puruliya	2927965	485	428	2614508	57	313457	0	0	0	0
12	Bankura	3596292	564	502	3244926	46	279934	10	47569	6	23863
13	Malda	3997970	511	473	3744971	38	252999	0	0	0	0
14	Uttar Dinajpur	3000849	344	344	3000849	0	0	0	0	0	0
15	Dakshin Dinajpur	1670931	247	247	1670931	0	0	0	0	0	0
16	Koch Bihar	2822780	406	406	2822780	0	0	0	0	0	0
17	Jalpaiguri	3869675	537	510	3727626	10	51522	9	51521	8	39006
18	Darjiling	1842034	230	230	1842034	0	0	0	0	0	0
	<b>West Bengal*</b>	<b>86861057</b>	<b>10356</b>	<b>10043</b>	<b>84833544</b>	<b>259</b>	<b>1760786</b>	<b>29</b>	<b>161536</b>	<b>25</b>	<b>105191</b>

\*excluding Kolkata

Source:-Jt.DHS(PH&amp;CD)

**Table VIII.1.9 : Distribution Report on Long Lasting Insecticidal Net (LLIN) of West Bengal upto December, 2011**

District	Population covered	LLIN distributed in 2009 (GOI)	LLIN distributed in 2010 (GOI)	LLIN distributed in 2011 (State Govt)	LLIN distributed in 2011 (GOI)
Paschim Medinipur	569262	44000	45000	50000	98000
Bankura	510716	19600	25000	50000	0
Birbhum	255600	13000	15000	50000	0
Puruliya	1336917	36200	35000	55000	225000
Koch Bihar	344844	3100	30000	50000	0
Jalpaiguri	1288250	34100	50000	55000	158200
Darjiling	53550	0	0	30000	0
Malda	284980	0	0	30000	0
Murshidabad	552336	0	0	20000	0
KMC	NA	0	0	23973	0
<b>Total</b>		<b>150000</b>	<b>200000</b>	<b>413973</b>	<b>481200</b>

**Table VIII.1.10: Cases and Deaths due to Acute Respiratory Infection(ARI), Pneumonia, Enteric Fever, Dog Bite & Rabies in West Bengal during 2011**

District	ARI		Pneumonia		Enteric Fever		Dog Bite & Rabies	
	Cases	Deaths	Cases	Deaths	Cases	Deaths	Dog Bite Cases	Rabies Deaths
Bankura	88013	0	2866	70	13764	1	7033	0
Birbhum	48216	4	3184	65	2452	3	6829	0
Bardhaman	171478	25	6388	94	17099	1	10222	4
Dakshin Dinajpur	70458	1	764	17	2322	0	177	0
Darjiling	38935	12	488	21	10997	4	3943	6
Hugli	93491	32	1578	0	2313	0	16319	0
Haora	71704	129	743	24	1983	1	12177	0
Jalpaiguri	139704	8	2339	5	3096	0	4821	0
Koch Bihar	156038	41	1281	46	1378	2	11676	0
Malda	72845	2	6353	125	9563	10	2738	0
Murshidabad	185038	48	2357	45	11553	8	9551	0
Nadia	198506	36	3601	15	12446	1	20290	0
North 24-Parganas	153981	49	1776	11	12980	3	14694	1
Paschim Medinipur	216052	3	86	2	1908	0	3063	0
Purba Medinipur	127435	16	1347	0	15864	0	11065	0
Puruliya	44154	0	3706	0	6457	0	3530	0
South 24-Parganas	122405	81	1057	19	3248	0	4516	1
Uttar Dinajpur	41807	41	592	9	1259	0	1771	0
<b>West Bengal*</b>	<b>2040260</b>	<b>528</b>	<b>40506</b>	<b>568</b>	<b>130682</b>	<b>34</b>	<b>144415</b>	<b>12</b>

\*excluding Kolkata

Total Rabies Death in West Bengal = 61 ( Including 49 deaths in ID & BG Hospital )

Table VIII.1.11: Cases and Deaths due to Acute Diarrhoeal Diseases, West Bengal for 2009, 2010 &amp; 2011

District	2009		2010		2011	
	Cases	Deaths	Cases	Deaths	Cases	Deaths
Bankura	85868	25	86610	10	147765	14
Birbhum	49676	48	42228	2	43312	1
Bardhaman	179792	28	159369	6	153531	4
Dakshin Dinajpur	76908	3	46093	0	45462	1
Darjiling	90171	35	65304	24	57848	16
Hugli	70902	76	60585	8	64146	5
Haora	77574	28	52453	17	61324	14
Jalpaiguri	153608	50	87124	5	80730	1
Koch Bihar	110832	30	147068	15	166346	5
Malda	221422	50	196141	27	172004	28
Murshidabad	245022	36	167754	44	125973	5
Nadia	120123	41	119337	25	108328	38
North 24-Parganas	168542	56	170476	33	173432	21
Paschim Medinipur	161409	0	178955	3	170148	0
Purba Medinipur	151720	1	99247	0	86883	2
Puruliya	91088	10	68119	1	48843	0
South 24-Parganas	139456	20	96924	22	94411	9
Uttar Dinajpur	218045	4	101361	2	50696	1
<b>West Bengal*</b>	<b>2412158</b>	<b>541</b>	<b>1945148</b>	<b>244</b>	<b>1851182</b>	<b>165</b>

\*excluding Kolkata

Source:-Jt.DHS(PH&amp;CD)

## FILARIA ELIMINATION PROGRAM IN WEST BENGAL

National Filaria Control Units were established For elimination of Lymphatic Filaria where screening & management of diseases & morbidity were done. Presently these units are performing very poor due to want of staff. NVBDCP has decided to utilise these staff in integrated form in the office of the Dy CMOH-II.

12 districts of West Bengal are endemic for Lymphatic Filariasis (LF). For the elimination of Lymphatic filariasis, yearly Mass Drug Administration (MDA) had been started from 2004 with the theme that such MDA once a year for consecutive 5 years will diminish the parasite load below the level of transmission ( $< 1$ ).

To achieve the goal the following programs are done since the year 2004 in West Bengal.

- A Pre-MDA Night Blood Survey (NBS) – to assess the endemicity grade in different areas.
- An MDA – to consume anti-filarial drugs to the persons in endemic districts under direct supervision of health staff on a prefixed day followed by a mop up on following days (minimum 2days)
- A Post MDA Survey to assess the residual endemicity.
- A post MDA assessment to analyse the MDA activities – by the Expert-team from the department of community medicine of Medical Colleges of this state; & to remodel the implementation strategy for betterment after discussion among the state monitors, District Program Officers & higher officials & experts from the state & Gol.

The reports of the last programs are as follows:

- A. Pre-MDA NBS held in November 2011.
- B. MDA held on 01.03.2012 with Mop-Up activities.

**Table VIII.1.12 : Annual Performance Report on National Filaria Control Unit of West Bengal during 2011 (January to December)**

District	Name of NFCEP Unit	No. of Blood Slides		Mf Rate (%)	No. of Slides Found + ve for disease	Disease Rate (%)
		Collected & Examined	found + ve for Mf			
Bankura	Sadar	4188	55	1.31	101	2.41
Bankura	Bishnupur	0	0	0.00	0	0.00
Malda	English Bazar	0	0	0.00	0	0.00
South 24-Parganas	Budgebudge	908	0	0.00	0	0.00
Murshidabad	Baharampur	4400	0	0.00	16	0.36
Birbhum	Suri	0	0	0.00	0	0.00
Birbhum	Bolepur	503	2	0.40	3	0.60
Paschim Midnapur	Not Submitted	-	-	-	-	-
Bardhaman	Durgapur	0	0	0.00	0	0.00
Koch Bihar	NFCEP Unit No: IV	4094	30	0.73	48	1.17
<b>West Bengal</b>	<b>Total</b>	<b>14093</b>	<b>87</b>	<b>0.62</b>	<b>168</b>	<b>1.19</b>

Table VIII.1.13 : Reports on PRE-MDA Night Blood Survey in 12 Endemic Districts of West Bengal

Sl. No.	District	Total No. of Slides											Mf Rate (%)	Total No. of Disease + (ve)	Disease Rate (%)
		Collected from Sentinel Site (Fixed)					Collected from Random Site								
							Collected & Examined		+ve for mf						
		Rural Site 1	Rural Site 2	Rural Site 3	Urban	Total	Rural Site 1	Rural Site 2	Rural Site 3	Urban	Total				
1	Koch Bihar	503	511	525	509	2048	515	516	511	504	2046	30	0.73	48	1.17
2	Malda	236	361	389	217	1203	272	312	315	292	1191	2	0.08	0	0.00
3	Murshidabad	505	536	519	465	2025	548	564	647	616	2375	0	0.00	16	0.36
4	Nadia	508	501	500	438	1947	502	500	500	500	2002	0	0.00	0	0.00
5	Birbhum	501	522	504	526	2053	512	507	503	491	2013	3	0.07	338	8.31
6	Puruliya	588	449	826	429	2292	515	466	267	173	1421	133	3.58	14	0.38
7	Bankura	570	560	502	520	2152	310	504	502	510	1826	53	1.33	NA	NA
8	Barddhaman	75	85	75	27	262	195	203	151	160	709	14	1.44	3	0.31
9	Purba Midnapur	503	500	500	411	1914	506	500	510	297	1813	0	0.00	0	0.00
10	Paschim Midnapur	508	488	443	502	1941	211	1105	512	0	1828	0	0.00	127	3.37
11	North 24-Parganas	500	0	329	529	1358	500	500	0	428	1428	4	0.14	0	0.00
12	South 24-Parganas	508	362	458	494	1822	574	580	574	472	2200	0	0.00	0	0.00
	West Bengal	5505	4875	5570	5067	21017	5160	6257	4992	4443	20852	239	0.57	546	1.30

Note : PRE-MDA held in November, 2011

MDA : Mass Drug Administration

**Table VIII.1.14 : Final Report of MDA-12 (01.03.2012), West Bengal**

Sl. No.	District	Population			Disease												Percentage *	
		Eligible	Covered	Coverage (in %)	Hand			Leg			Other			Hydrocele	Total			
					Male	Female	Total	Male	Female	Total	Male	Female	Total		Male	Female		Total
1	Koch Bihar	2274229	1796820	79.01	-	444	444	-	2060	2060	-	1308	1308	2533	2533	3812	6345	0.35
2	Malda	3004675	2800319	93.20	-	85	85	-	456	456	-	3	3	631	631	544	1175	0.04
3	Murshidabad	5894180	5245846	89.00	99	98	197	211	439	650	-	-	0	1189	1499	537	2036	0.04
4	Nadia	4395360	3660557	83.28	30	80	110	144	449	593	19	61	80	349	542	590	1132	0.03
5	Barddhaman	6220037	4501044	72.36	-	652	652	-	3321	3321	-	-	0	1377	1377	3973	5350	0.12
6	Birbhum	3025133	2309701	76.35	660	736	1396	2154	2832	4986	153	158	311	5113	8080	3726	11806	0.51
7	Bankura	3665045	2765413	75.45	-	1435	1435	-	7369	7369	-	467	467	4542	4542	9271	13813	0.50
8	Puruliya	2618039	2242353	85.65	341	914	1255	3183	7356	10539	-	36	36	4466	7990	8306	16296	0.73
9	Purba Midnapur	4286624	3429392	80.00	231	293	524	1290	1350	2640	91	32	123	143	1755	1675	3430	0.10
10	Paschim Midnapur	5058968	3830506	75.72	-	606	606	-	4035	4035	-	488	488	1450	1450	5129	6579	0.17
11	North 24-Parganas	8887557	6741378	75.85	26	68	94	206	448	654	30	40	70	99	361	556	917	0.01
12	South 24-Parganas	6759247	5364572	79.37	37	72	109	106	150	256	39	30	69	290	472	252	724	0.01
Total		56089094	44687901	79.67	1424	5483	6907	7294	30265	37559	332	2623	2955	22182	31232	38371	69603	0.16

Note : i) MDA held on 01.03.2012 with Mop-up activities  
 ii) MDA : Mass Drug Administration  
 \* Last column of the table shows % of diseases among covered population



Table VIII.2.1 : T.B. Hospitals and Sanatoria with Bed Strength as on 31st December, 2011

Sl. No.	Name of the T.B. Hospital and Sanatoria	No. of Sanctioned Beds
1	K.S. Roy T.B. Hospital P.O. - Jadavpore, Kolkata - 700032	350
2	Dr. B.C. Roy Chest Sanatorium P.O. - Dhubulia, Dist - Nadia, PIN - 741140	1000
3	Netaji Subhas Sanatorium P.O. - NSS Kalyani, Dist - Nadia, PIN - 741251	925
4	M.R.Bangur T.B. Sanatorium Digri P.O.- Sanatorium Digri, PS- Garhbeta, Dist. - Paschim Medinipur, PIN - 721252	317
5	Niramoy T.B. Sanatorium P.O. - Niramoy Sanatorium , Giridanga, Dubrajpur, Dist. - Birbhum, PIN - 731128	300
6	Sreerampore/ Gourhati T.B. Hospital 21, T.C Goswami Street, P.O. - Sreerampore, Dist. - Hugli, PIN - 712201	55
7	S.B. Dey T.B. Sanatorium P.O. - Kurseong, Dist. - Darjiling, PIN - 734203	301
8	Rani Asrumati T.B. Sanatorium Maskalai Bari TB Hospital, TB Hospital Para, P.O. + Dist. - Jalpaiguri, PIN - 735101	60
9	J.D.Hospital Vill. + P.O - Mahisbathan, Dist.: - Koch Bihar, PIN:- 736179	120
10	Darjeeling T.B. Hospital Jalpai House, Near-Batasia, P.O.-Ghoom Dist. -Darjiling, PIN - 734102 (Under Gorkha Teritorial Administration)	50
	<b>Total</b>	<b>3478</b>

Table VIII.2.2 : District-wise Breakup of NGOs Participating in RNTCP as on 31st December, 2011

Sl. No.	District	ACSM Scheme: TB advocacy, communication, and social mobilization	SC Scheme: Sputum Collection Centres	Transport Scheme: Sputum Pick-Up and Transport Service	Designated Microscopy Centre Scheme		LT Scheme: Strengthening RNTCP diagnostic services	Culture and DST Scheme: Providing Quality Assured Culture and Drug Susceptibility Testing Services	Adherence scheme: Promoting treatment adherence in Urban Slums	Slum Scheme: Improving TB control in Urban Slums	Tuberculosis Unit Model Scheme	TB-HIV Scheme: Delivering TB-HIV interventions to high HIV Risk groups (HRGs)	Total
					Designated Microscopy Centre for a NGO / Private lab	Designated Microscopy Centre- Microscopy only							
1	Bankura	3	0	0	0	0	0	0	0	0	0	0	3
2	Bardhaman	0	0	0	0	2	0	0	0	0	0	0	2
3	Birbhum	0	0	0	0	0	0	0	0	0	0	0	0
4	Dakshin Dinajpur	0	0	0	1	0	0	0	3	0	0	0	4
5	Darjiling	1	0	0	0	0	0	0	0	0	0	0	1
6	Haora	0	0	0	7	0	0	0	0	0	0	0	7
7	Hugli	0	0	0	2	0	0	0	0	0	0	0	2
8	Jalpaiguri	0	1	18	2	1	0	0	0	0	0	0	22
9	Koch Bihar	0	0	0	0	0	0	0	0	0	0	0	0
10	Kolkata	0	11	1	6	9	0	0	1	0	0	1	29
11	Malda	0	0	0	2	0	0	0	1	0	0	0	3
12	Purba Medinipur	0	0	0	0	0	0	0	0	0	0	0	0
13	Paschim Medinipur	0	0	0	0	0	0	0	1	0	0	0	1
14	Murshidabad	0	11	11	0	0	0	0	4	0	0	0	26
15	Nadia	0	10	10	0	0	0	0	0	0	0	0	20
16	North 24-Parganas	1	2	2	1	0	1	0	0	0	1	0	8
17	Puruliya	0	0	0	0	0	0	0	0	0	0	0	0
18	South 24-Parganas	0	1	1	2	0	0	0	0	0	3	0	7
19	Uttar Dinajpur	4	0	0	0	0	0	0	0	0	0	0	4
	<b>West Bengal</b>	<b>9</b>	<b>36</b>	<b>43</b>	<b>23</b>	<b>12</b>	<b>1</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>4</b>	<b>1</b>	<b>139</b>

**Table VIII.2.3 : Trend in the Number of TB Patients Applying for Admission in TB Hospitals / Sanatoria and the Number of TB Patients Selected for Admission**

No. of T.B. Patients	Year									
	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011
Applying for admission	2018	1363	1122	790	678	600	467	466	412	341
Selected for admission	1567	1131	996	701	636	548	342	397	389	259

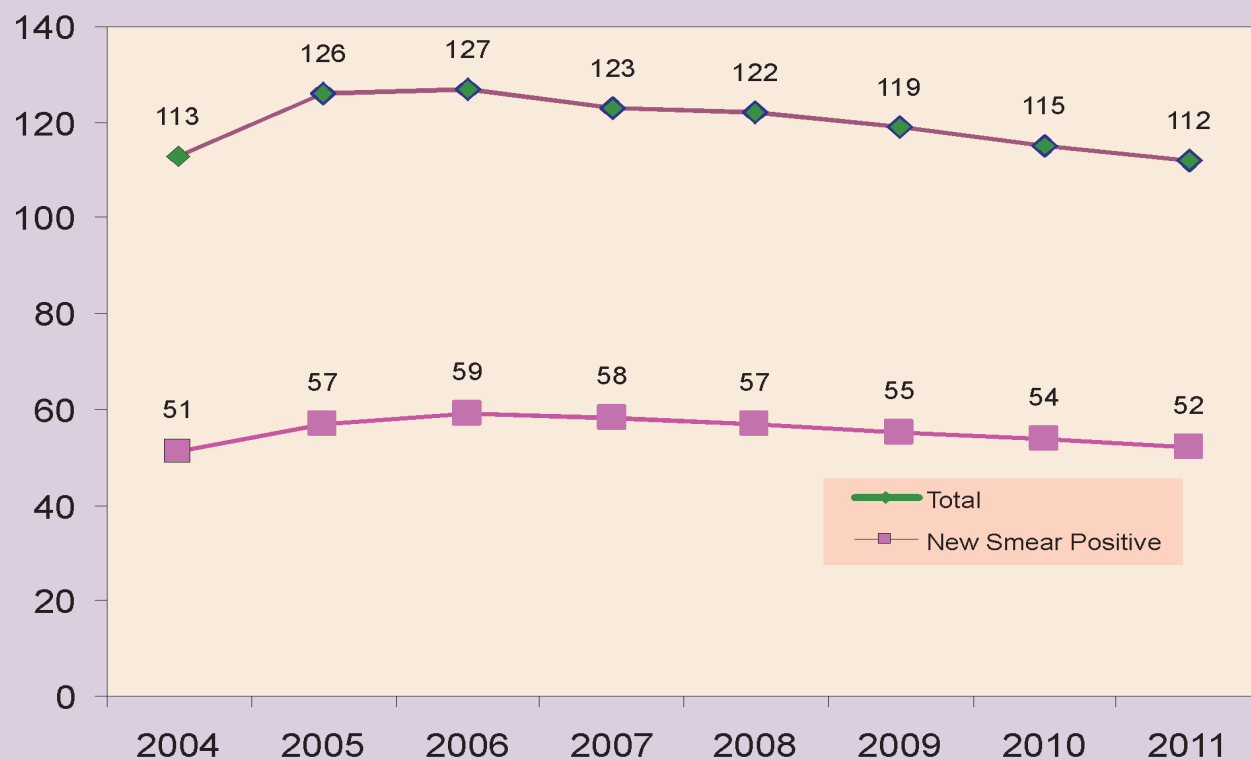
**Table VIII.2.4 : Profile of Infrastructural Strengthening Undertaken for Revised National Tuberculosis Control Programme (RNTCP) Service Delivery in West Bengal**

1	Total Coverage of the State achieved on -				24 <sup>th</sup> Dec, 2003
2	Number of TB Units as on 31st December, 2011				
	Govt.	NGO	Private	Total	
	186	7	0	193	
3	Number of Designated Microscopy Centres as on 31st December, 2011				
	Govt.	NGO	Private	Total	
	771	54	9	834	
4	Number of DOT Centres as on 31st December, 2011				16804
5	Other sectors involved in RNTCP				a) Tea Industry
					b) ECL
					c) ESI
					d) NGO
					e) Private Practitioner
					f) Railways
					g) SAIL

**Table VIII.2.5 : Trends in Case Detection under RNTCP in West Bengal**

Year	Annual Case Detection Rate / Lakh	
	Total	New Smear Positive
2004	113	51
2005	126	57
2006	127	59
2007	123	58
2008	122	57
2009	119	55
2010	115	54
2011	112	52

**Trends in Case Detection under RNTCP in West Bengal (2004-2011)**



**Table VIII.2.6 : RNTCP Performance in West Bengal**

**Suspect Examined/Lakh Population/Quarter**

Year	Rate
2006	163
2007	154
2008	154
2009	160
2010	160
2011	164

**Number of New Smear Positive Patients Registered for Treatment**

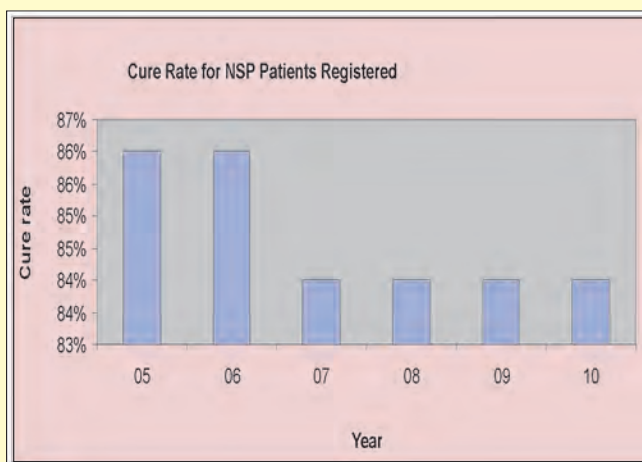
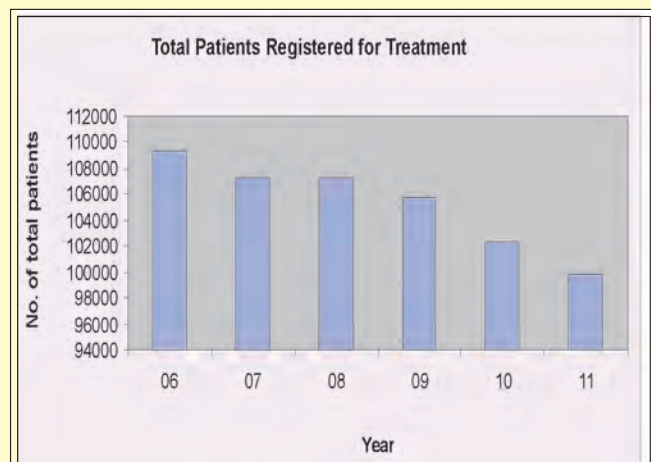
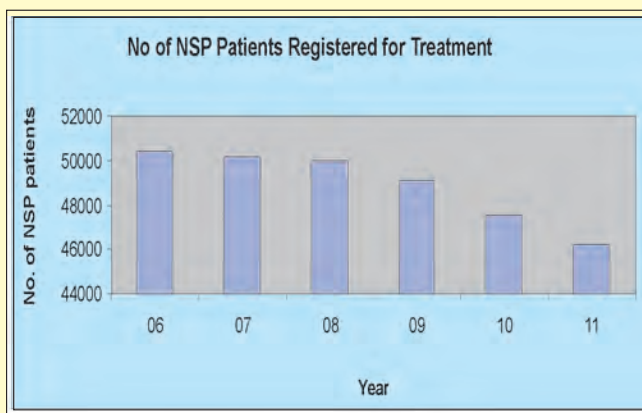
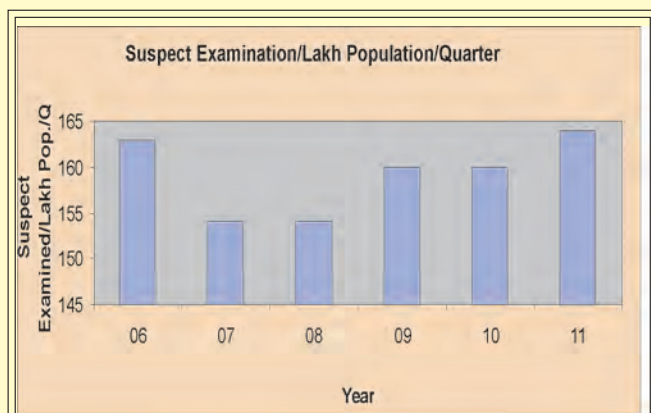
Year	Rate
2006	50436
2007	50133
2008	50006
2009	49102
2010	47556
2011	46207

**Total Patients Registered for Treatment**

Year	No
2006	109320
2007	107236
2008	107225
2009	105816
2010	102397
2011	99826

**Cure Rate of New Sputum Patients Registered**

Year	Rate (in %)
2005	86
2006	86
2007	84
2008	84
2009	84
2010	84



**Table VIII.2.7 : Annual RNTCP Performance, West Bengal-Case Finding (2011), Sputum Conversion (4th Qtr 2010 to 3rd Qtr 2011), Results of Treatment (2010)**

District	Total patients registered for treatment	Annual total case notification rate	New smear positive patients initiated on treatment	Annual new smear positive case notification rate/Lakh population/Year	New smear positive case detection rate as % of expected level	% of sputum positive out of total new pulmonary patients	3 month conversion rate of new smear positive patients (in %)	Success rate of new smear positive patients (in %)
<b>Estimated level / range</b>				<b>75 per Lakh/Y</b>	<b>70</b>	<b>45-71</b>	<b>90</b>	<b>85</b>
Bankura	4154	112	2105	59	79	71	93	91
Bardhaman	9355	121	4101	53	71	66	90	86
Birbhum	4364	130	2390	71	95	72	87	82
Dakshin Dinajpur	2400	143	1320	79	105	76	86	82
Darjiling	3641	203	1302	73	97	70	92	84
Haora	5187	109	2049	43	57	72	88	82
Hugli	5892	105	2702	48	64	72	90	86
Jalpaiguri	6828	180	3059	81	108	72	91	86
Koch Bihar	2880	104	1319	48	64	73	89	85
Kolkata	6238	139	2155	48	64	74	83	79
Malda	4846	132	2623	71	95	77	90	83
Purba Medinipur	2436	50	1287	26	35	81	88	82
Paschim Medinipur	6663	91	3071	42	56	68	91	88
Murshidabad	7753	119	3991	61	81	75	93	89
Nadia	4823	94	2175	42	56	71	89	87
North 24-Parganas	9272	93	4398	41	55	80	88	84
Puruliya	3764	133	1501	53	71	54	91	89
South 24-Parganas	6691	86	3164	40	53	75	88	85
Uttar Dinajpur	2639	97	1495	55	73	78	91	85
West Bengal	<b>99826</b>	<b>112</b>	<b>46207</b>	<b>52</b>	<b>69</b>	<b>72</b>	<b>88</b>	<b>85</b>
India	<b>1515872</b>	<b>125</b>		<b>53</b>	<b>71</b>		<b>90</b>	<b>88</b>

Shadow cell has no national data as the indicator has recently been changed

Table VIII.2.8 : Annual Report on New and Retreatment Cases of Tuberculosis, 2011

A : All New and Relapse Patients Registered in 2011

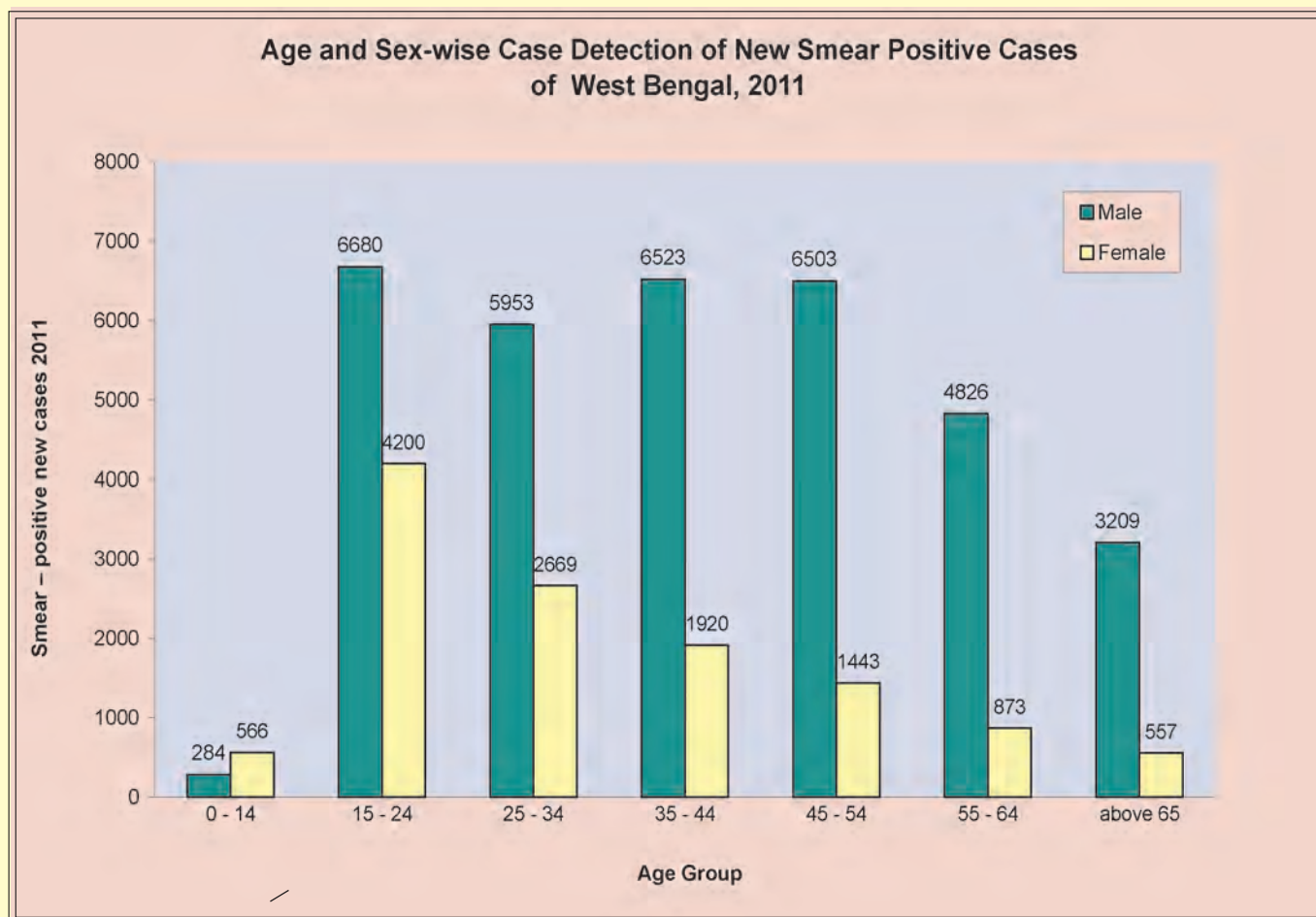
Age group	New Cases			Retreatment Cases				Total
	New Smear Positive Pulmonary TB	New Smear Negative Pulmonary TB	New Extra Pulmonary TB	Others	Relapses	Failures	Treatment After Default	Others
0-14 yrs	850	1256	1861	5	74	45	36	243
≥ 15 yrs	45356	16573	14716	22	6933	1983	3470	6403
Total	46206	17829	16577	27	7007	2028	3506	6646
Sex								
Male	33978	12198	9161	16	5429			
Female	12228	5631	7416	11	1578			
Total	46206	17829	16577	27	7007			

B : Age Group and Sex-wise Distribution of New Smear Positive Pulmonary Cases

Sex	Age Group					
	0 - 14	15 - 24	25 - 34	35 - 44	45 - 54	55 - 64
Male	284	6680	5953	6523	6503	4826
Female	566	4200	2669	1920	1443	873
Total	850	10880	8622	8443	7946	5699
						3766
						33978
						12228
						46206

C: TB/HIV Collaboration.

Of all Registered TB Cases no. known to be tested for HIV before or during the TB Treatment (a)	46346
Of (a) No. known to be HIV infected (b)	994



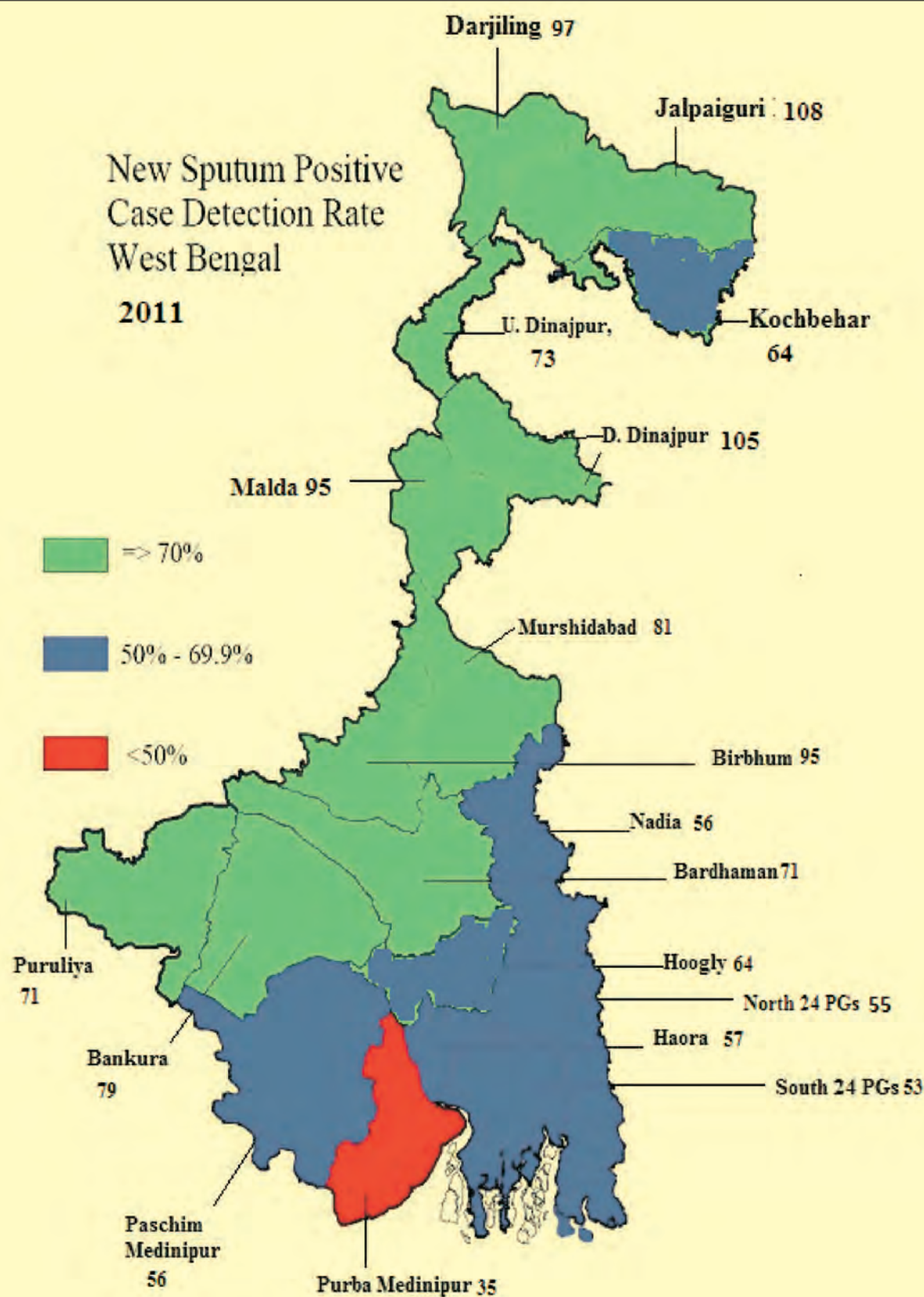
**Table VIII.2.9 : RNTCP Training Status at State TB Demonstration-cum-Training Centre in West Bengal**

Year	DTO	MOTC	MO	STS	STLS	LT / MT (Lab)	LT of other Sector (SHIS)	Others			Yearly Total
								Accountants	NMS (ILEP)	TBHV	
2004	1	41	22	15	8	33	0	0	21	2	143
2005	19	18	31	14	9	47	0	0	19	0	157
2006	0	34	14	0	24	37	0	0	0	0	109
2007	0	39	7	65	178	0	0	0	0	0	289
2008	3	53	5	108	14	0	0	0	0	0	183
2009	0	27	15	8	8	0	0	0	0	0	58
2010	0	30	0	9	10	0	0	0	0	0	49
2011	0	73	0	45	115	20	0	0	0	0	253
<b>Total</b>	<b>23</b>	<b>315</b>	<b>94</b>	<b>264</b>	<b>366</b>	<b>137</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>2</b>	<b>1241</b>



Table VIII.2.10 : District-wise TUs / DMCs / Sputum Collection Centre / DOT Centre in West Bengal

Sl. No.	District	RNTCP Implementation Date	No. of TU		No. & Distribution of DMC			Sputum collection centre	DOT Centre
			Govt.	NGO	Govt. Sector	Private Sector	NGOs	Total	
1	Bankura	14-Nov-2000	8	0	8	34	0	34	802
2	Bardhaman	24-Mar-2001	19	0	19	72	0	74	2003
3	Birbhum	24-Mar-2001	6	0	6	28	0	28	532
4	Dakshin Dinajpur	5-Feb-2003	4	0	4	15	1	17	337
5	Darjiling	24-Dec-2003	6	0	6	27	0	27	1167
6	Hugli	29-May-1995	11	0	11	52	0	54	718
7	Haora	28-Feb-1999	10	0	10	44	0	51	652
8	Jalpaiguri	15-Aug-2000	10	0	10	39	2	44	697
9	Koch Bihar	20-Jun-2002	6	0	6	30	0	30	498
10	Kolkata	23-Mar-1994	10	0	10	39	6	55	159
11	Malda	1-Feb-1999	8	0	8	24	0	26	519
12	Purba Medinipur	3-Jun-2002	9	0	9	37	0	37	754
13	Paschim Medinipur	3-Jun-2002	11	0	11	52	0	52	947
14	Murshidabad	1-Jun-1994	13	0	13	52	0	52	1071
15	Nadia	2-Nov-1998	10	0	10	39	0	39	767
16	North 24-Parganas	1-Mar-2001	18	4	22	81	0	100	1724
17	Puruliya	17-Aug-2002	7	0	7	24	0	26	663
18	South 24-Parganas	24-Mar-2001	14	3	17	57	0	65	2393
19	Uttar Dinajpur	29-Jan-2003	6	0	6	25	0	25	401
<b>Total</b>			<b>186</b>	<b>7</b>	<b>193</b>	<b>771</b>	<b>9</b>	<b>836</b>	<b>16804</b>



## National Leprosy Eradication Programme (NLEP)

Table VIII.3.1 : Leprosy Situation in West Bengal

**NLEP perspective and leprosy situation in West Bengal :**

The National Leprosy Control Programme was launched in India in 1955.

Multi Drug Therapy (MDT) came into wide use from 1982 and National Leprosy Eradication Programme was introduced in 1983.

Since then remarkable progress has been achieved in reducing the disease burden and West Bengal has achieved the goal of elimination of leprosy as public health problem defined as PR < 1 per 10,000 population in 2007 . The NLEP has remained as 100% centrally sponsored scheme through five year plans from April, 2002.

**Programme component:**

- Early case detection & prompt treatment with MDT
- Decentralized integrated leprosy services through GHC system
- Training in leprosy of all general health care services functionaries
- Intensified & focused I.E.C. programme
- Counseling
- Prevention of disability & medical rehabilitation
- Supervision & monitoring

**Epidemiological situation as on 31.03.2012:**

- 11 Districts have already achieved the level of elimination i.e. PR < 1 per 10,000 population.
- The prevalence rate in 8 districts, viz., Purulia(4.30), Bankura(2.82), Paschim Medinipur(2.08), Uttar Dinajpur(1.86), Dakshin Dinajpur(1.84), Bardhaman(1.46), Birbhum(1.60) & Kolkata(2.05) are still between 1.46 and 4.30 per 10,000 population. These 8 districts contribute the State recorded case load and new cases detected during the year 2011- 12.
- PR of State (West Bengal) is 1.08 as on 31.3.2012.
- 11 Districts have already achieved the ANCDR < 10 per 1,00,000 population.
- ANCDR in remaining 8 districts viz. Purulia, Bankura, Paschim Medinipur, Dakshin Dinajpur, Uttar Dinajpur, Burdwan, Birbhum and Kolkata are still between 17.22 and 69.85 per 1,00,000 population.
- ANCDR of State (West Bengal) is 13.15 as on 31.3.2012
- In 2011-12, a total of 12169 new cases were detected and put under treatment. This signifies that transmission is still going on.
- Among the new cases detected in 2011-12, the proportionates are MB (64.84%), Child cases (7.65%), Female Cases (32.69%), Grade II deformity (2.95 %) and RFT (83.71%).

**Special initiative undertaken in 2011-12:**

1. House to House survey in blocks having ANCDR more than 20 per 1,00,000 population
2. Disability assessment and nerve function test in all newly detected cases using Form:P-II

**Special initiative planned for 2012-13:**

1. Mobile Medical Camp for Leprosy Colonies
2. House to House Survey in high endemic areas

Reduction of Grade II disability will be done with special emphasis on Reconstructive Surgery (RCS).

**Table VIII.3.2 NLEP in 12<sup>th</sup> Five Year Plan**

**Thrust areas:**

1. Elimination of leprosy at district level &
2. Reduction of grade II deformity amongst new cases by 35%

**Districts yet to be eliminated :**

1. Purulia, 2. Bankura, 3. Paschim Medinipur, 4. Uttar Dinajpur, 5. Dakshin Dinajpur, 6. Burdwan, 7. Birbhum, 8. Kolkata

**Global Appeal 2012 :**

To end stigma and discrimination against people affected by leprosy

**Activities under NLEP :**

1. Early diagnosis and complete treatment of leprosy
2. Capacity building to develop adequate skills in diagnosis and management of leprosy cases
3. Sensitization of ASHA /USHA and prompt disbursement of incentives
4. I.E.C.: for awareness generation particularly for suspect's referral and reduction in stigma and discrimination against leprosy affected persons, More focus to be given on interpersonal communication
5. Counseling of LAPs and family members
6. Disability prevention and medical rehabilitation: More emphasis on correction of deformities through Reconstructive Surgery (R.C.S.) For prevention of disability with insensitive hands and feet – self care practice, supportive medicines, splints and MCR footwear and for ulcer – Rest, dressing, supply of antibiotic ointment, POP cast and supply of self care kits
7. Supervision & monitoring for epidemiological analysis of diseases, treatment completion rate, and proportion of child cases as well as grade II disability among new cases

**Other Important Activities :**

Validation of all new cases

- Tablet prednisolone for treatment of reaction /Neuritis
- Prompt disbursement incentives to ASHA/USHA
- Preparation of list of eligible cases for RCS
- Supply of MCR chappals/ Splints/ Self care kits
- Organization of self care practice camps/ screening camps for RCS

Table VIII.3.3 Year-wise Leprosy Status in West Bengal

<b>A. Comparative Statement of absolute number</b>					
Item of status	2007-08	2008-09	2009-10	2010-11	2011-12
<b>Leprosy balance cases on 1<sup>st</sup> April</b>	<b>8721</b>	<b>9358</b>	<b>8932</b>	<b>8924</b>	<b>8435</b>
PB Cases – New	5869	4727	4189	3592	4279
MB Cases - New	7682	7164	7264	6729	7890
<b>New case detected (PB + MB)</b>	<b>13551</b>	<b>11981</b>	<b>11453</b>	<b>10321</b>	<b>12169</b>
Child Case	1125	969	817	729	931
Female Case	4245	3634	3517	3143	3978
Grade – I Deformity	600	407	375	308	355
<b>Grade – II Deformity</b>	<b>406</b>	<b>303</b>	<b>399</b>	<b>326</b>	<b>359</b>
SC Cases	3205	2670	2715	2124	2825
ST Cases	2077	1783	1632	1559	2077
Released from treatment (RFT)	10733	10465	9407	9050	8848
Otherwise discharged	2325	2093	1977	1897	1722
<b>Balance cases on 31<sup>st</sup> March</b>	<b>9358</b>	<b>8932</b>	<b>8924</b>	<b>8435</b>	<b>10034</b>
<b>RCS Operation</b>	<b>70</b>	<b>42</b>	<b>101</b>	<b>186</b>	<b>76</b>
No. of patients provided with MCR Footwear	651	1612	2764	4772	5691
No. of patients provided with Self Care Kit	577	3114	5011	7676	7595
<b>B. Comparative Statement of Key Indicators</b>					
<b>Prevalence Rate/10000 Popul.</b>	<b>1.04</b>	<b>0.99</b>	<b>0.98</b>	<b>0.92</b>	<b>1.08</b>
<b>New Case Detection Rate/1,00,000 Population</b>	<b>15.10</b>	<b>13.23</b>	<b>12.53</b>	<b>11.30</b>	<b>13.15</b>
Proportion of Female among new Cases	31.33	30.56	30.71	30.45	32.69
Proportion of Child among new Cases	8.30	8.15	7.13	7.06	7.65
Proportion of Deformity Grade-I among new Cases	4.43	3.42	3.27	2.98	2.92
<b>Proportion of visible Deformity Grade-II among new Cases</b>	<b>3.00</b>	<b>2.55</b>	<b>3.48</b>	<b>3.16</b>	<b>2.95</b>
MB %	56.69	60.25	63.42	65.20	64.84
SC %	23.65	22.45	23.71	20.58	23.21
ST %	15.33	14.99	14.25	15.11	17.07
RFT %	82.23	83.33	82.63	82.67	83.71

**Table VIII.3.4 District-wise Comparative Statement of New Cases**

District	2007-08	2008-09	2009-10	2010-11	2011-12
Bankura	1433	1133	1146	1171	1431
Birbhum	701	547	380	404	611
Bardhaman	1560	1400	1165	1133	1390
Koch Bihar	319	223	247	270	228
Darjiling	192	182	158	138	178
Uttar Dinajpur	987	816	663	654	750
Dakshin Dinajpur	469	376	376	359	474
Haora	224	248	179	171	173
Hugli	563	470	425	494	558
Jalpaiguri	492	399	446	481	383
Malda	920	369	366	286	308
Murshidabad	446	412	416	351	371
Purba Medinipur	188	147	145	132	153
Paschim Medinipur	1531	1429	1265	1232	1615
Nadia	314	281	222	260	226
Puruliya	1598	1187	1680	1502	2072
North 24-Parganas	558	472	371	487	485
South 24-Parganas	277	270	237	256	232
Kolkata	779	606	565	540	531
<b>West Bngal</b>	<b>13551</b>	<b>10967</b>	<b>10452</b>	<b>10321</b>	<b>12169</b>

**Status of Districts Based on PR as on 31st March, 2012**

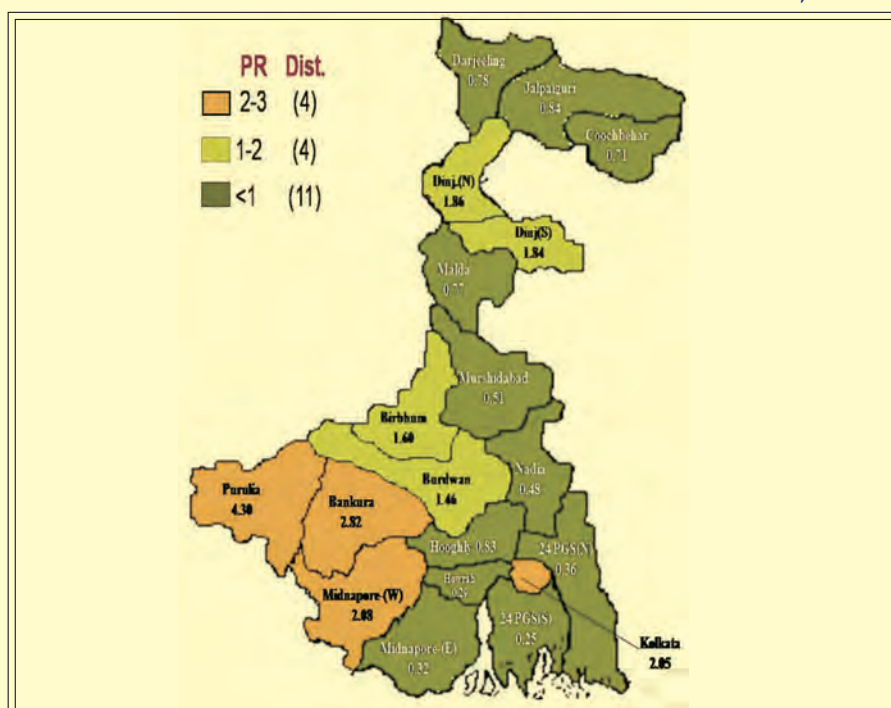




Table VIII.3.5 District-wise Comparative Statement of PR

District	2008-09	2009-10	2010-11	2011-12
Bankura	2.79	2.61	2.50	2.82
Birbhum	1.37	1.15	1.10	1.60
Bardhaman	1.37	1.31	1.23	1.46
Koch Bihar	0.69	0.83	0.76	0.71
Darjiling	0.76	0.55	0.52	0.78
Uttar Dinajpur	1.79	1.41	1.58	1.86
Dakshin Dinajpur	1.63	1.51	1.31	1.84
Haora	0.42	0.34	0.31	0.29
Hughli	0.68	0.63	0.59	0.83
Jalpaiguri	0.96	0.99	0.92	0.84
Malda	1.05	1.15	0.74	0.77
Murshidabad	0.58	0.59	0.47	0.51
Purba Medinipur	0.36	0.27	0.27	0.32
Paschim Medinipur	1.95	1.69	1.57	2.08
Nadia	0.47	0.42	0.46	0.48
Puruliya	2.55	3.55	2.81	4.30
North 24-Parganas	0.36	0.29	0.35	0.36
South 24-Parganas	0.30	0.31	0.28	0.25
Kolkata	1.42	1.50	1.86	2.05
<b>West Bengal</b>	<b>0.99</b>	<b>0.98</b>	<b>0.92</b>	<b>1.08</b>

Table VIII.3.6 District-wise Comparative Statement of ANCDR

District	2008-09	2009-10	2010-11	2011-12
Bankura	36.00	34.09	31.66	39.28
Birbhum	17.27	11.76	11.58	17.22
Bardhaman	19.96	16.02	14.14	17.76
Koch Bihar	8.82	9.34	9.41	7.97
Darjiling	10.95	9.36	7.42	9.54
Uttar Dinajpur	24.85	26.00	23.14	24.67
Dakshin Dinajpur	24.70	24.20	20.64	28.00
Haora	5.51	3.94	3.46	3.53
Hugli	9.76	7.90	8.47	9.98
Jalpaiguri	11.01	12.26	12.21	9.77
Malda	11.12	10.42	7.51	7.60
Murshidabad	6.88	6.64	5.17	5.16
Purba Medinipur	3.16	2.95	2.46	2.96
Paschim Medinipur	26.99	24.15	21.24	26.82
Nadia	5.80	4.39	4.88	4.32
Puruliya	46.85	61.64	51.18	69.85
North 24-Parganas	5.26	4.07	4.71	4.75
South 24-Parganas	3.76	3.19	3.20	2.81
Kolkata	13.25	11.99	10.18	11.68
<b>West Bengal</b>	<b>13.23</b>	<b>12.33</b>	<b>11.30</b>	<b>13.15</b>

Graphical Presentation of Key Indicators in West Bengal for the last 3 years

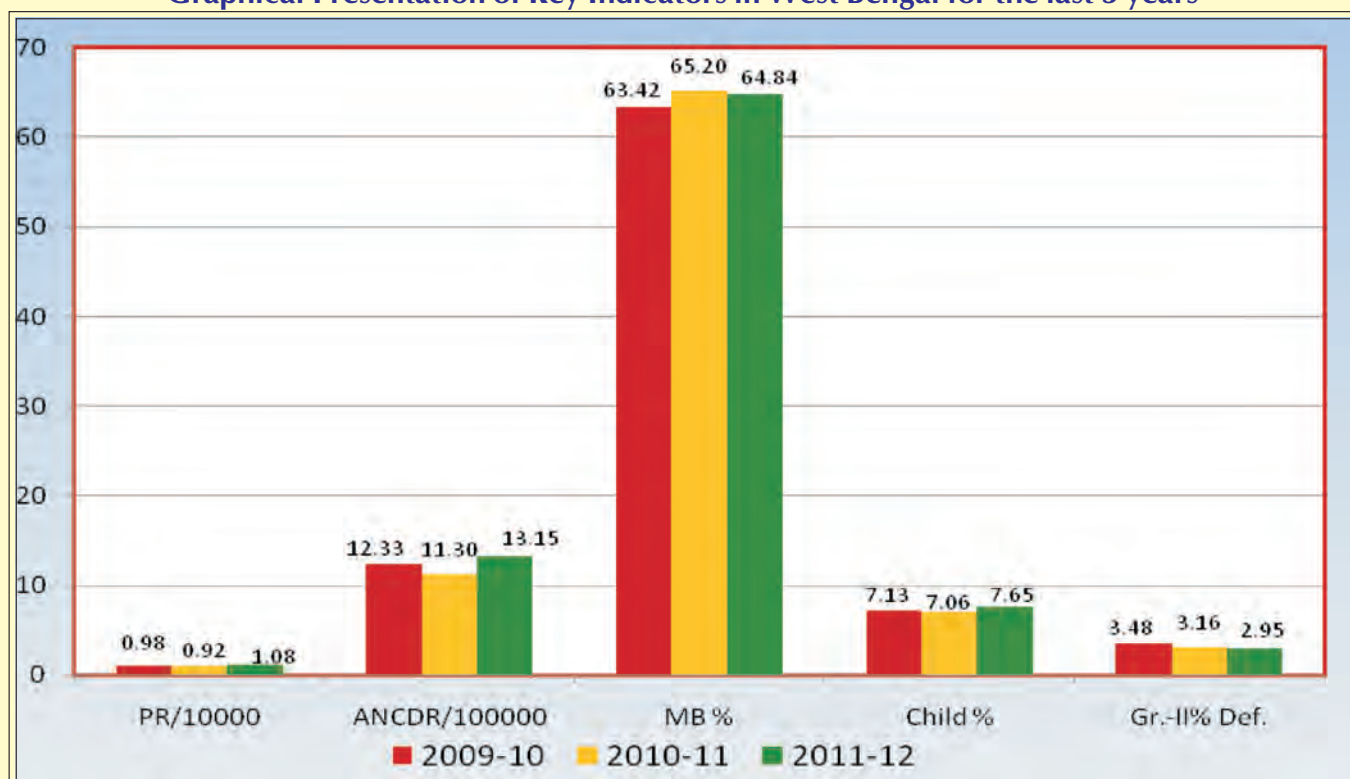


Table VIII.3.7 Comparative Statement of Gr.-II Deformity Cases

District	2007-08	2008-09	2009-10	2010-11	2011-12
Bankura	53	33	30	37	43
Birbhum	11	12	9	3	10
Bardhaman	47	32	42	27	30
Koch Bihar	1	3	1	0	7
Darjiling	3	9	9	8	10
Uttar Dinajpur	45	20	19	13	11
Dakshin Dinajpur	6	3	4	5	9
Haora	11	8	3	7	9
Hugli	2	11	8	2	11
Jalpaiguri	31	20	43	39	6
Malda	19	15	16	11	10
Murshidabad	19	17	33	13	12
Purba Medinipur	11	3	1	3	1
Paschim Medinipur	27	17	6	0	1
Nadia	11	10	6	9	7
Puruliya	27	20	95	69	102
North 24-Parganas	17	15	21	8	7
South 24-Parganas	5	8	7	24	24
Kolkata	60	47	46	48	49
<b>West Bengal</b>	<b>406</b>	<b>303</b>	<b>399</b>	<b>326</b>	<b>359</b>



Table VIII.3.8 Leprosy Situation in Districts as on 31.03.2012

Sl. No.	District	Estimated Population March 2012	Total new cases (2011-12)	ANCDR/ 100,000	Total Grade-II disabled cases (2011-12)	Percentage of Grade-II against new Cases	Balance cases as on 31/3/2012	PR/ 10,000
1	Bankura	3643403	1431	39.28	43	3.00	1026	2.82
2	Birbhum	3548268	611	17.22	10	1.64	569	1.60
3	Bardhaman	7824843	1390	17.76	30	2.16	1141	1.46
4	Koch Bihar	2859758	228	7.97	7	3.07	204	0.71
5	Darjiling	1866165	178	9.54	10	5.62	145	0.78
6	Dakshin Dinajpur	1692820	474	28.00	9	1.90	311	1.84
7	Uttar Dinajpur	3040160	750	24.67	11	1.47	564	1.86
8	Haora	4905063	173	3.53	9	5.20	142	0.29
9	Hugli	5592706	558	9.98	11	1.97	466	0.83
10	Jalpaiguri	3920368	383	9.77	6	1.57	330	0.84
11	Malda	4050343	308	7.60	10	3.25	313	0.77
12	Murshidabad	7195472	371	5.16	12	3.23	370	0.51
13	Paschim Medinipur	6021157	1615	26.82	1	0.06	1254	2.08
14	Purba Medinipur	5160973	153	2.96	1	0.65	166	0.32
15	Nadia	5236195	226	4.32	7	3.10	251	0.48
16	Puruliya	2966321	2072	69.85	102	4.92	1277	4.30
17	South 24-Parganas	8259983	232	2.81	24	10.34	206	0.25
18	North 24-Parganas	10214937	485	4.75	7	1.44	368	0.36
19	Kolkata	4545454	531	11.68	49	9.23	931	2.05
<b>West Bengal</b>		92544391	12169	13.15	359	2.95	10034	1.08

Table VIII.3.9 Leprosy - Disability Management Services Providing Institutions

**Government Institutions:**

- R.G.Kar MCH, Kolkata
- N.R.S. M.C.H., Kolkata
- S.S.K.M. Hospital, Kolkata
- Jhargram S.D. Hospital, Paschim Medinipur
- Durgapur S.D. Hospital, Burdwan
- Balurghat District Hospital, Dakshin Dinajpur
- Raiganj District Hospital, Uttar Dinajpur
- M.J.N. Hospital, Cooch Behar
- Daben Mahato Sadar Hospital, Purulia

(Applied for recognition from CLD since RCS is already conducted here)

**Non-Government Institutions – NGOs:**

- TLM, Purulia
- TLM, Kolkata

**Table VIII.3.10 Comparative Statement of RCS, MCR Footwear**

Sl. No.	District	RCS			MCR Footwear		
		2009-10	2010-11	2011-12	2009-10	2010-11	2011-12
1	Bankura	4	3	0	278	286	759
2	Birbhum	1	7	0	128	226	233
3	Bardhaman	3	13	2	25	188	416
4	Koch Bihar	8	12	12	52	0	106
5	Darjiling	0	1	0	30	78	118
6	Dakshin Dinajpur	6	13	9	121	472	623
7	Uttar Dinajpur	0	7	4	92	300	253
8	Haora	0	10	1	73	101	114
9	Hugli	2	9	0	56	225	103
10	Jalpaiguri	16	10	0	136	143	283
11	Malda	0	1	0	116	84	63
12	Murshidabad	1	9	0	182	165	77
13	Paschim Medinipur	15	6	8	189	392	439
14	Purba Medinipur	0	1	0	0	100	50
15	Nadia	0	1	0	17	5	67
16	Puruliya	27	41	24	887	1403	1325
17	South 24-Parganas	4	5	5	12	102	100
18	North 24-Parganas	0	3	1	8	143	255
19	Kolkata	14	34	10	362	359	307
<b>West Bengal</b>		<b>101</b>	<b>186</b>	<b>76</b>	<b>2,764</b>	<b>4,772</b>	<b>5,691</b>

**Note :** RCS – Reconstructive Surgery, MCR Footwear – Micro Cellular Rubber Footwear

**Table VIII.4.1 National Mental Health Programme (NMHP)**

The Mental Health Act, 1987 was promulgated for promotion of mental health care system in the country. The act provides safeguards for protecting patients with mental illness against human rights abuse, discrimination and stigmatization. The Department of Health and Family Welfare, Government of West Bengal in collaboration with the Ministry of Health and Family Welfare, Government of India is working for the improvement of mental health care delivery system in the State.

**Objective of the NMHP :**

- a) To ensure availability and accessibility of minimum mental health care in the foreseeable future, particularly to the most vulnerable and underprivileged sections of population,
- b) To encourage application of mental health knowledge in general health care and in social development,
- c) To promote community participation in mental health care development in the country and to stimulate efforts towards self-help in the community.

**Contributory factors responsible for increase in mental problems :**

Unplanned urbanization, unregulated migration, naked expropriation and exploitation at the worksite, vulgar consumerism, breakdown of joint family system, neglect of children in childhood, marital discord, breakdown of relationship, emergence of more and more distrust and suspicion among couples, intense discrimination between siblings by parents at home, unrealistic parental expectation and pressure on school and college going children, neglect of the old by the young & a callous and insensitive Society & State.

**Global scenario –**

- ☞ Gross schizophrenia prevalence is 2.6% of the total populations.
- ☞ Effective disorder (anxiety neurosis, other mood disorder, bi-born disease, alcoholism etc.) is 2.72% of the total population.

**Indian scenario –**

- ☞ 1-3% of the population suffers from major mental disorders.
- ☞ 6% of the total population suffers from minor depressive disorder.

**The State has the following bodies, functioning at different levels with specific purposes :**

- ☞ State Health & Family Welfare Samity under the chairmanship of the Principal Secretary, Dept of H&FW
- ☞ State Mental Health Authority (SMHA) under the same chairmanship
- ☞ 6 'Board of Visitors' has been formed for proper monitoring & supervision of mental hospitals.
- ☞ Formation of "ROGI KALYAN SAMITI" for all mental hospitals of the State
- ☞ District Mental Health Programme (DMHP) at Bankura, Paschim Midnapore, Jalpaiguri, and South 24-Parganas districts and Formation of Core Committee & Staff Selection Committee for the DMHP Programme

**Table VIII.4.2 Number of Beds in State-run Mental Hospitals**

Name of the hospital	Sanctioned beds	Functional beds
Calcutta Pavlov Hospital, Kolkata	250	250
Lumbini Park Mental Hospital, Kolkata	200	113
Institute Of Psychiatry, Kolkata	60	36
Berhampore Mental Hospital, Murshidabad	350	310
Tufanganj Mental Hospital, Cooch Behar	30	0
Institute For Mental Care, Purulia	190	11
<b>Total :</b>	<b>1080</b>	<b>819</b>

In addition to above, there are 877 beds functioning in 42 Private Psychiatry Nursing Homes in the State.

**Table VIII.4.3 Number of Psychiatry Beds in Position in West Bengal**

Institutes	Number	Bed in position
Mental Hospitals	6	819
Medical College & Hospitals	7	116
District Hospitals	7	140
Private Psychiatry Nursing Homes	42	877
<b>Total</b>		<b>1952</b>

**Table VIII.4.4 Registered Nursing Home/Drug Addiction Centre for Mental Patient in West Bengal**

Type of Centre	Number
Psychiatric Nursing Home	22
Drug De-addiction Centre	7
Rehabilitation Centre	9
OPD Clinic (including 4 Rehab. Centre)	4

**Table VIII.4.5 District Mental Health Programme**

District Mental Health Programme (DMHP) with Central Assistance is going on in the districts of Paschim Midnapore, Jalpaiguri and South 24-Parganas under 10<sup>th</sup> 5-year plan and a detailed list of Hospitals under DMHP is given below:

Sl. No.	District	Name of the Nodal Institution	Name of Hospitals
1.	Bankura	Psychiatry Deptt. of Bankura Sammilani Medical College & Hospital	Bishnupur SDH, Khatra SDH, Amarkanand RH
2.	South 24-Parganas	Psychiatry Deptt. of Calcutta National Medical College & Hospital	Diamond Harbour SDH, Kakdwip SDH, Canning SDH
3.	Paschim Medinipur	Psychiatry Deptt. of Medinipur Medical College & Hospital	Khargapore SDH, Ghatal SDH, Jhargram SDH
4.	Jalpaiguri	Psychiatry Deptt. of North Bengal Medical College & Hospital	Alipurduar SDH, Mal SDH

## Status of District Hospitals :

So far, 7 (seven) District Hospitals have started functioning with 20 (twenty) Psychiatry Indoor Beds along with regular functioning of Psychiatry OPD with an average no. of 20-30 patients. The name of the District Hospitals are (1) MR Bangur Hospital, South 24-Parganas, (2) Barasat District Hospital, North 24-Parganas, (3) Howrah General Hospital, Howrah, (4) Krishnanagar Sadar Hospital, Nadia, (5) Suri Sadar Hospital, Birbhum, (6) Balurghat District Hospital, Dakshin Dinajpore, (7) Jalpaiguri District Hospital, Jalpaiguri.

Table VIII.4.6 Distribution of Drug De-addiction Beds

Sl No.	Name of the Institution	No. of Beds
1.	Institute of Psychiatry, Kolkata-25	5
2.	Calcutta Pavlov Hospital, Kolkata-46	10
3.	NRS Medical College & Hospital, Kolkata-14	6
4.	Burdwan Medical College & Hospital, Burdwan	10
5.	Bankura Sammilani Medical College & Hospital, Bankura	10
6.	North Bengal Medical College & Hospital, Darjeeling	10
7.	Berhampore Mental Hospital, Murshidabad	10
Total		61

Table VIII.4.7 Strengthening of Psychiatry Units of the 6 (Six) Medical Colleges

For construction of new Psychiatry Ward of 30 (thirty) Indoor Beds,. Central assistance of Rs.292.97 lakh received for 6 (six) State Medical College & Hospitals for upgradation of Psychiatry Deptt. is as follows:-

- Calcutta Medical College & Hospital, Kol-12 ————— Rs.42.97 lakh
- Calcutta National Medical College & Hospital, Kol-14 ————— Rs.50.00 lakh
- NRS Medical College & Hospital, Kol-14 ————— Rs.50.00 lakh
- R G Kar Medical College & Hospital, Kol-4 ————— Rs.50.00 lakh
- Bankura Sammilani Medical College & Hospital, Bankura ————— Rs.50.00 lakh
- Burdwan Medical College & Hospital, Burdwan ————— Rs.50.00 lakh

Table VIII.4.8 Comparative Figures of OPD &amp; IPD Attendance in State-run Mental Hospitals

Sl.No.	OPD & IPD attendance	Number			
		2011	2010	2009	2008
1.	OPD attendance	284596	284855	275832	243641
2.	Indoor admission	860	669	386	358

Table VIII.4.9 Psychiatry OPD (under joint venture scheme) Run by NGOs

Sl. No.	Name of NGO	Hospital
1.	Indian Red Cross Society	Kurseong SD Hospital, Darjeeling
2.	PARIPURNATA	Habra State General Hospital, North 24-Parganas
3.	S E V A C	Vidyasagar SG Hospital, Behala, Kolkata
4.	Society For Integrated Health Care For Psychiatry	BN Bose Sub-divisional Hospital, Barrackpore, North 24Parganas & Baruipur SD Hospital, South 24-Parganas
5.	National Institute Of Behavioural Sciences	Salt Lake Sub-divisional Hospital, North 24-Parganas

#### Psychotropic Drugs :

Central Medical Stores, West Bengal has already approved 34 (thirty four) psychotropic drugs & enlisted in the CMS Catalogue. Psychotropic Drugs are now available at free of cost up to Sub Divisional level Hospital in the State. State Mental Cell has already initiated proposal for availability of Psychotropic Drugs up to BPHC level at free of cost.

### **Admission of mentally ill patients at State-run Mental Hospitals :**

Admission of patients to the State run Mental Hospitals is being done strictly in terms of provisions of the Mental Health Act, 1987 i.e. More over Psychiatric patients are also admitted through Court Order.

### **Admission Forms :**

Admission Forms are available at ‘free of cost’ from the following Offices –

- 1) Superintendent’s Office at any State-run Mental Hospital
- 2) CMOH’s Office & Office of the Superintendent of District Hospitals
- 3) Psychiatry Deptt. of 8 (eight) Medical Colleges & Hospitals
- 4) By downloading from the Web Site “[www.wbhealth.gov.in](http://www.wbhealth.gov.in)”

### **Disability Certificate :**

Disability Certificates to the mentally ill patients are regularly issued from Medical Board held at all District Hospitals and Medical Colleges & Hospitals. Districts have also arranged out-door camps as well as institutional camps for examination and issuing of certificates to mentally ill patients.

### **Rehabilitation :**

The rehabilitation of cured mentally ill patients is a major challenge. At present about 40% of patients admitted in Mental Hospitals are eligible for discharge but the patient parties are not showing their interests to receive back their patients, even they are not attending hospital to see their patients.

NGOs, like ANJALI, PARIPURNATA are working towards rehabilitation of the long staying cured patients.

### **Drug De-addiction Centre :**

Proposal has also been moved to the Government of India for setting up of four more 10 bedded Drug De-addiction Centres at Tamluk District Hospital, Barasat District Hospital, Howrah District Hospital and Malda District Hospital.

### **Maintenance of Hospital Buildings & Equipments :**

The State Government has spent a considerable amount during the last five years towards repair and renovation of Mental Hospitals’ buildings and purchase of equipment for effective running of Mental Hospitals to provide mental health care facilities properly.

## **National Programme for Control of Blindness ( NPCB )**

### **Introduction:**

National Programme for Control of Blindness (NPCB) is a centrally sponsored programme launched in the year 1976 by GOI with the goal to reduce the prevalence of Blindness from 1.4% to 0.3% by 2020. NPCB has been introduced in our State since 1981 – 82 to improve the total aspect of eye care services. Since the inception of the NPCB, West Bengal has steadily improved its position and maintaining the status of moderate prevalence rate (1 to 1.1) so far blindness is concerned. Very high quality ophthalmic services are available in the state. School Eye Screening and Cornea Collection have recently got a boost up. Still, some sectors like vitreo-retinal surgery, paediatric ophthalmology, corneal surgery, glaucoma, diabetic retinopathy and eye banking are areas which have further scope of development.

### **Policy of GOI in implementation of NPCB Programme:**

Since the Project Implementation Programme is based on the guidelines of a national plan, we have to follow the goal set for the XIIth plan / Annual Plan. One of the basic human rights is “THE RIGHT TO SIGHT”. We have to ensure that no citizen goes blind needlessly, or being blind does not remain so, if by reasonable skill and resources his sight can be prevented from deteriorating condition.

Table VIII.5.1 : Health Infrastructure in Eye Care Facilities in West Bengal

<b>No. of Eye Care Units Established</b>	<b>1472</b>
<b>Ratio with State Population</b>	<b>1 unit per 58,000 people</b>
<b>State Ophthalmic Cell</b>	<b>1</b>
<b>State Health &amp; F W Samiti (erstwhile SBCS)</b>	<b>1</b>
<b>Regional Institute of Ophthalmology</b>	<b>1</b>
<b>Tertiary Eye Care Unit</b> (Medical College & Hospital)	<b>15</b>
<b>Secondary Level Hospital</b>	
District Hospital	<b>15</b>
SD Hospital	<b>44</b>
SG Hospital	<b>34</b>
<b>Primary Eye Care</b>	
Rural Hospital	<b>269</b>
BPHC	<b>79</b>
PHC	<b>909</b>
<b>Central Mobile Unit</b> (RIO, BSMC & H, NB MC & H)	<b>3</b>
<b>District Mobile Unit</b> (North 24 Parganas, Murshidabad, Koch Bihar, Uttar Dinajpur, Bardhaman, Paschim Midnapur)	<b>6</b>
<b>Vision Care Center (established 2005 - 2011)</b>	<b>145</b>
<b>Total Number of Ophthalmologist in Govt. Sector (2011 – 12)</b>	<b>213</b>
<b>Total Number of PMOA</b>	<b>440 (out of 493)</b>
<b>Total Number of Licentiate Eye Bank</b>	<b>17</b>
<b>Total Number of Eye Donation Centers</b>	<b>10</b>
<b>Total Number of hospitals running with HCRP Programme</b>	<b>16</b>

**Activities of NPCB, West Bengal:**

- To provide high quality of eye care
- To expand coverage of Eye Care
- Assessments of over served, average served and underserved areas and taking specific actions to reduce blindness uniformly throughout the State
- To reduce backlog of blindness
- Development of Institutional capacity
- To involve NGOs and Private Sectors
- Decentralization of Management

**Causes of Blindness in West Bengal:**

Following are the causes of blindness according to their magnitude of importance in the overall situation of blindness problem:

- |                               |                          |
|-------------------------------|--------------------------|
| * Cataract                    | * Refractive Errors      |
| * Corneal Blindness           | * Glaucoma               |
| * Diabetic Retinopathy        | * Surgical Complications |
| * Posterior segment disorders | * Others                 |

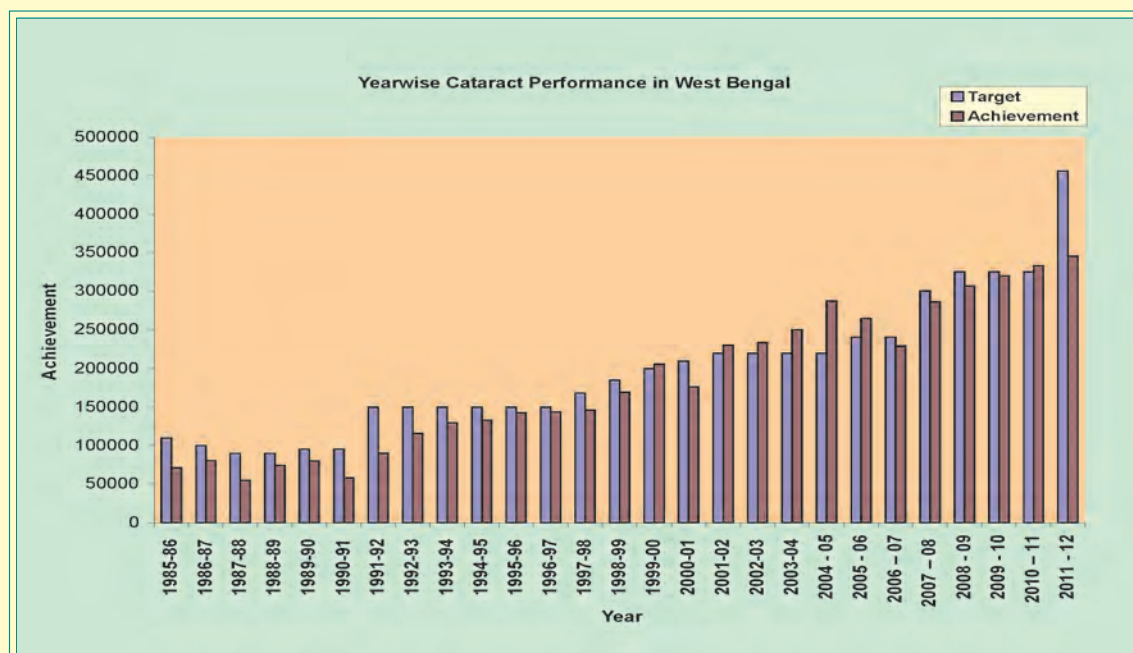
**Emerging causes of blindness:**

- |                        |                     |
|------------------------|---------------------|
| * Diabetic Retinopathy | * Glaucoma          |
| * Childhood Blindness  | * Corneal Blindness |



**Table VIII.5.2 : Performance of Activities in Cataract Operation in West Bengal**

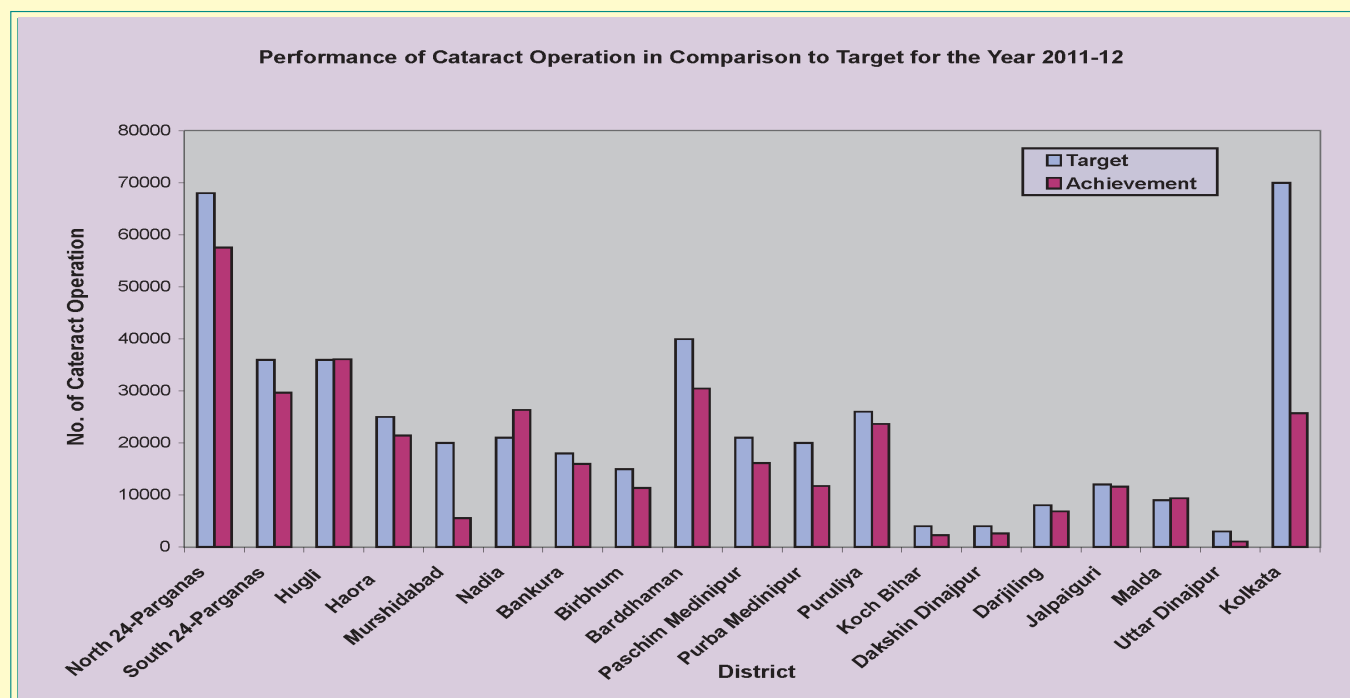
Year	Target	Achivement	Percentage
1985-86	110000	71095	64.6
1986-87	100000	80524	80.5
1987-88	90000	55065	61.2
1988-89	90000	74397	82.7
1989-90	95000	80201	84.4
1990-91	95000	57930	61.0
1991-92	150000	90202	60.1
1992-93	150000	116032	77.4
1993-94	150000	129834	86.6
1994-95	150000	133226	88.8
1995-96	150000	142800	95.2
1996-97	150000	144000	96.0
1997-98	168000	146405	87.1
1998-99	184800	169337	91.6
1999-00	200000	205790	102.9
2000-01	210000	176473	84.0
2001-02	220000	229665	104.4
2002-03	220000	233382	106.1
2003-04	220000	249845	113.6
2004-05	220000	286828	130.4
2005-06	240000	264293	110.1
2006-07	240000	228747	95.3
2007-08	300000	285791	95.3
2008-09	325000	306906	94.4
2009-10	325000	319777	98.4
2010-11	325000	332944	102.4
2011-12	456000	345352	75.7





**Table VIII.5.3 : District-wise Performance of Cataract Operation in West Bengal during 2011-12**

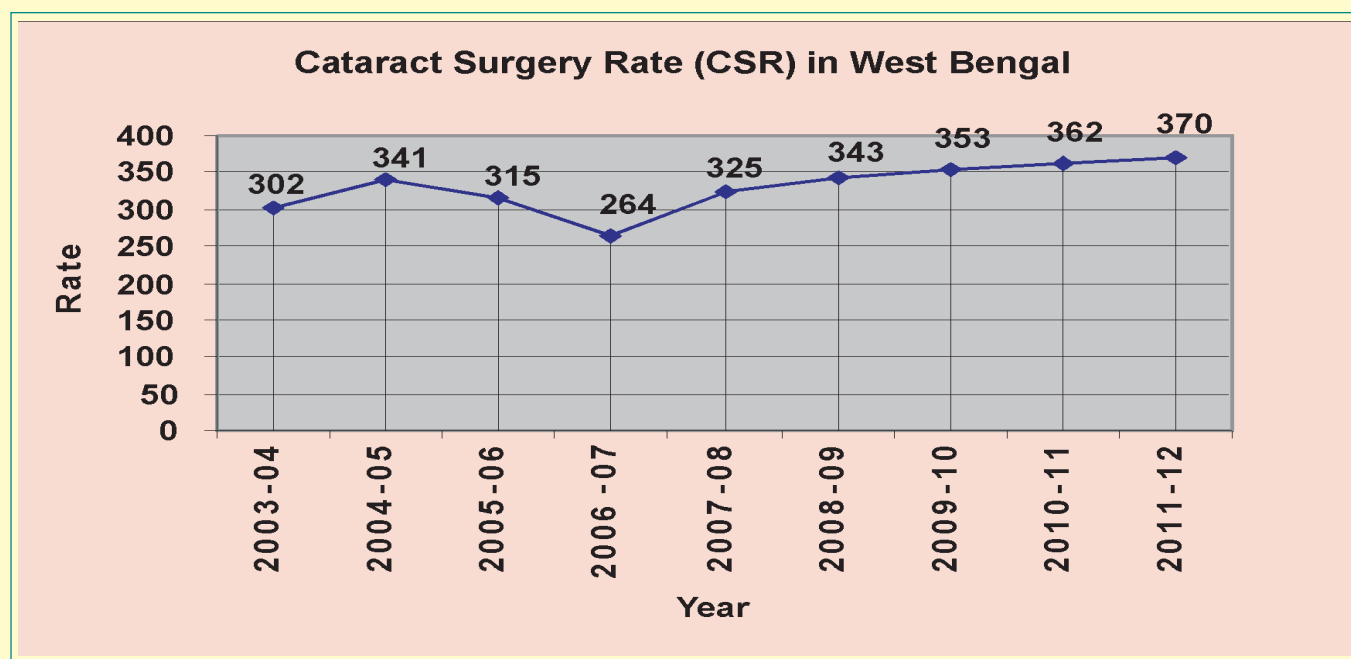
Sl.No.	District	Target	Government	NGO	Private	Achievement
1	North 24-Parganas	68000	4052	10734	42774	57560
2	South 24-Parganas	36000	1239	28341	48	29628
3	Hugli	36000	1185	15563	19367	36115
4	Haora	25000	2178	8215	11051	21444
5	Murshidabad	20000	1934	2622	1002	5558
6	Nadia	21000	8988	12051	5297	26336
7	Bankura	18000	7979	2994	5035	16008
8	Birbhum	15000	1795	6748	2805	11348
9	Bardhaman	40000	1820	25009	3603	30432
10	Paschim Medinipur	21000	1374	14024	728	16126
11	Purba Medinipur	20000	1061	9992	654	11707
12	Puruliya	26000	148	22064	1433	23645
13	Koch Bihar	4000	2165	93	0	2258
14	Dakshin Dinajpur	4000	839	1783	0	2622
15	Darjiling	8000	1466	3583	1808	6857
16	Jalpaiguri	12000	1876	9501	212	11589
17	Malda	9000	760	1616	6968	9344
18	Uttar Dinajpur	3000	279	576	195	1050
19	Kolkata	70000	18111	4427	3187	25725
<b>Total</b>		<b>456000</b>	<b>59249</b>	<b>179936</b>	<b>106167</b>	<b>345352</b>



**Table VIII.5.4 : Cataract Surgery Rate ( CSR ) in West Bengal**

Year	CSR*
2003 - 04	302
2004 - 05	341
2005 - 06	315
2006 - 07	264
2007 - 08	325
2008 - 09	343
2009 - 10	353
2010 - 11	362
2011 - 12	370

\* CSR = (Total Cataract Operation / Estimated Population of that year) × 1,00,000



## School Eye Screening

### Focused Activity:-

- To detect refractive errors among the students of age group between 10 to 14 years
- To identify the reason of refractive errors like Vitamin Deficiency or others
- Training to Teachers for identifying primary cases of refractive errors
- To provide free spectacles to the poor students
- Involvement of Local Panchayets & representative of Panchayet Samiti to make the programme successful

**Table VIII.5.5 : Performance of School Eye Screening in West Bengal**

Year	No. of Teachers Trained	Number of School going Children		
		Screened	Detected with Refractive Error	Provided with Free Glass
2003 - 04	4997	873868	40806	6498
2004 - 05	6320	620005	69832	11013
2005 - 06	17562	1081703	45506	29593
2006 - 07	10911	937307	40066	18419
2007 - 08	5672	873170	25958	9243
2008 - 09	5569	992085	30894	10589
2009 - 10	10103	1080819	40696	14522
2010 - 11	13852	1238700	53961	27594
2011 - 12	11327	1296315	80592	38761

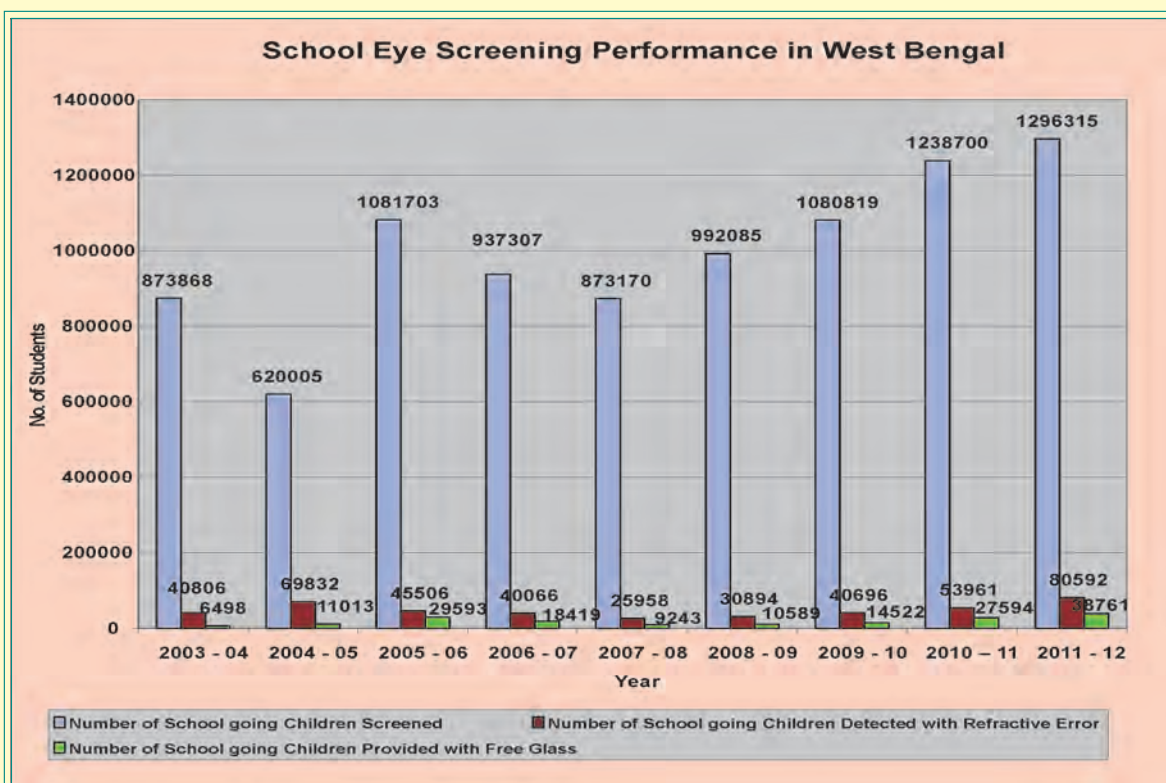


Table VIII. 5.6 : District-wise School Eye Screening (SES) Performance in West Bengal during 2011 - 12

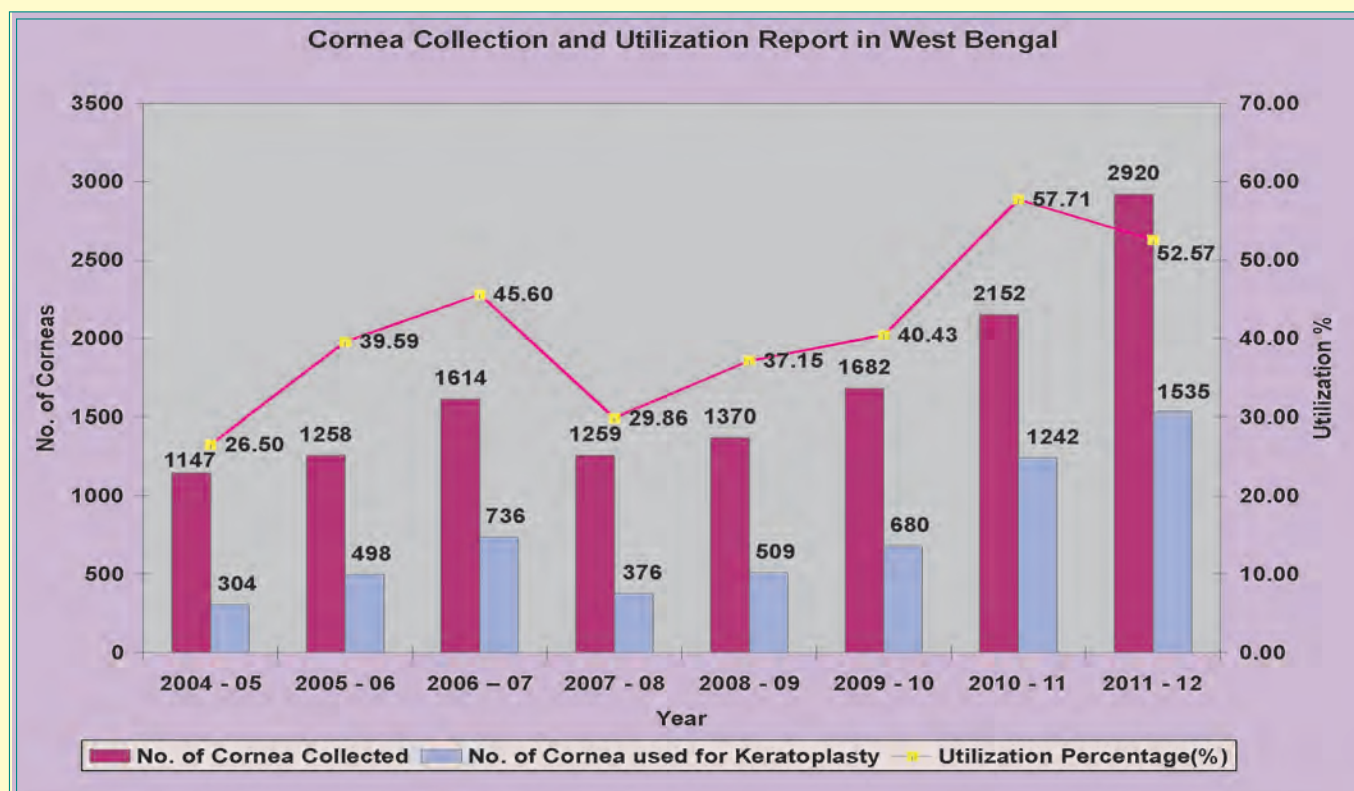
Sl. No.	District	No. of School Screened	No. of teachers trained in screening for refractive errors	No. of School children screened						
				Target	By School Teachers	By MT (Opt.)	Target	Detected with refractive error	Target	Provided free glasses
1	North 24-Parganas	682	934	185000	0	156981	11000	23288	3300	13647
2	South 24-Parganas	992	1011	150000	0	197702	8800	8902	2640	5413
3	Hugli	1665	2428	108000	0	127037	6200	4558	1860	2246
4	Haora	823	1509	90000	0	66842	5400	3376	1620	1871
5	Murshidabad	790	0	95000	0	74124	7200	1626	2160	386
6	Nadia	523	142	95000	0	79151	5600	4610	1680	3963
7	Bankura	357	0	66000	0	54934	4000	3305	1200	1550
8	Birbhum	640	614	65000	0	35248	3800	2184	1140	760
9	Barddhaman	1617	1736	145000	0	116382	8600	2202	2580	1071
10	Paschim Medinipur	0	119	108000	0	118107	6400	2961	1920	923
11	Purba Medinipur	1008	46	90000	0	82052	5400	3885	1620	701
12	Puruliya	275	427	55000	0	20463	3200	911	960	689
13	Koch Bihar	284	740	55000	0	11702	3200	983	960	506
14	Dakshin Dinajpur	7	0	35000	8571	9971	2000	583	600	313
15	Darjiling	225	483	35000	0	21269	2000	901	600	625
16	Jalpaiguri	88	155	75000	0	6173	4400	648	1320	200
17	Malda	484	814	65000	512	48366	4000	1575	1200	1176
18	Uttar Dinajpur	121	91	55000	16282	18683	3200	10962	960	905
19	Kolkata	48	78	95000	2952	22811	5600	3132	1680	1816
	Total	10629	11327	1667000	28317	1267998	100000	80592	30000	38761

### Eye Banking and Cornea Graphing

- Human Organ Transplantation Act (1994) has been notified under which all the Eye Banks and Eye Donation Centers are running their function.
- The function of Hospital Corneal Retrieval Program (HCRP) in different Medical College Hospitals and other Hospitals is to enhance the fast retrieval of cornea and increase the number of eye ball collection.

**Table VIII.5.7 : Performance of Eye Banking and Cornea Graphing in West Bengal**

Year	No. of Cornea Collected	No. of Cornea Used for Keratoplasty	Utilization Percentage
2004 - 05	1147	304	26.5
2005 - 06	1258	498	39.5
2006 - 07	1614	736	45.6
2007 - 08	1259	376	29.9
2008 - 09	1370	509	37.2
2009 - 10	1682	680	40.4
2010 - 11	2152	1242	57.7
2011 - 12	2920	1535	52.6



**Table VIII.5.8 : Treatment of Other Diseases in West Bengal**

Disease	Year		
	2009 - 10	2010 - 11	2011 - 12
<b>Glaucoma</b>			
Persons Examined	67291	69441	69834
No. of Persons Detected (New)	4618	12746	7041
No. of Person Treated (Old + New)	4721	17823	7367
<b>Diabetic Retinopathy</b>			
Persons Examined	62704	71491	62639
No. of Persons Detected (New)	7475	23650	2322
No. of Persons Treated (Old + New)	3958	25417	3031
<b>Corneal Blindness</b>			
Persons Examined	63753	58720	61677
No. of Persons Detected (New)	1153	787	3274
No. of Persons Treated (Old + New)	1415	3191	3651
<b>Childhood Blindness</b>			
Persons Examined	59995	58461	60858
No. of Persons Detected (New)	641	668	2750
No. of Persons Treated (Old + New)	981	1311	2910

## Special Initiative for Examination and Treatment of Incumbents in Blind Schools

### Visions :

- To identify children and adolescents admitted in blind schools with possibility of sight restoration
- To provide to identified curable blind, best possible treatment available in the District/ Region
- To set up mechanisms for referral, coordination and feedback between organizations dedicated to prevention, treatment and rehabilitation

**Table VIII.5.9 : Report of Blind School Screening in West Bengal**

Particulars of Blind Student of the Blind Institution - Screened for reversible Blindness	
Total Blind Children Screened	623
Blind Children with reversible blindness	234
The bifurcation of treatment is as follows:-	
Refraction Required	56
Keratoplasty	24
Cataract Extraction	9
ECCE & Yag Lazer	14
LVA	131

**37% with reversible blindness after primary screening**

### Name of Schools

Vivekananda Mission Asram - Blind School - Haldia, Purba Medinipur  
 Calcutta Blind School, Behala  
 Light House for the Blind, Kolkata  
 Voice of the World, Kolkata – 6  
 Blind Boys Academy, Narendrapur  
 DF Blind School, Kabordanga

Table VIII. 5.10 : Performance of Regional Institute of Ophthalmology in Kolkata

Activity		Year	
		2010-11	2011-12
<b>A. Clinical Activities</b>			
1	Total old patients attending O.P.D.	42323	49171
2	Total new patients attending O.P.D.	86936	109359
3	Total patients attending Emergency	3603	1850
<b>Total patients attending R.I.O.</b>		<b>132862</b>	<b>160380</b>
4	Admission through O.P.D. in Free beds	6534	7726
5	Admission through O.P.D. in Paying beds	271	186
6	Admission through O.P.D. in Cabin	19	15
7	Admission through Emergency	417	431
<b>Total Admission</b>		<b>7241</b>	<b>8358</b>
8	Total Laboratory test done	10158	9745
9	Total U.S.G. done	2651	3852
<b>B. Activities of Special Clinics</b>			
1	Glaucoma Clinic	5745	5728
2	Automated Perimetry	1823	2013
3	Retina Research (O.P.D.)	2089	2911
4	U.S.G. Clinic	2651	3852
5	Fluorescein Angiography	663	258
6	Nd YAG Laser and Diode Laser	1064	669
7	O.C.T.	974	764
8	Squint Clinic	499	342
9	Paediatric Ophthalmology Clinic	22504	25730
10	Low Visual Aid Clinic	215	319
11	Contact Lens Clinic	498	361
12	Pathology Clinic	10158	9745
13	Refraction Clinic	35105	44206
14	Cornea Clinic	1854	2754
15	Oculoplasty Clinic	857	535
16	Paediatric Refraction	4532	6862
<b>C. Surgical Activities</b>			
1	Cataract (ECCE + ICCE)	246	153
2	Cataract (I.O.L. + PHACO)	3091 (Ph-763)	4460 (Ph-458)
3	Cataract (I.O.L.) O.P.D.	5468 (Ph-1344)	5918 (Ph-892)
4	Retinal Detachment + Vitrectomy	315	417
5	Oculoplasty	50	57
6	Dacryocystectomy & D.C.R.	557	373
7	Glaucoma	66	68
8	Squint	56	75
9	Keratoplasty	122	139
10	Other operation	5075	6405
<b>Total Indoor Operation</b>		<b>6298</b>	<b>7992</b>
<b>Total OPD Operation</b>		<b>8748</b>	<b>10073</b>



**Table VIII. 5.10 : Performance of Regional Institute of Ophthalmology in Kolkata- conclud.**

Activity		Year	
		2010-11	2011-12
<b>D Activities of Eye Bank</b>			
1	Number of Cornea Received	431	515
2	Number of Cornea Grafting	122	143
3	Enlistment for Grafting	244	299
<b>E. Activities of School Health</b>			
1	Number of Schools attended	18	13
2	Number of Students examined	3213	12080
3	Number Of Students with refractive error detected	547	652
<b>F. Activities of Teaching and Training of R.I.O.</b>			
1	M.B.B.S. students	150	250
2	M.S. students per year	8	13
3	D.O. students per year	12	20
4	D.Opt. (under State Medical Faculty each year)	16	20
5	P.M.O.A. (under Govt.)	Nil	Nil

Source: Director, Regional Institute of Ophthalmology, Kolkata

## National AIDS Control Programme

**Table VIII.6.1: Blood Banks in West Bengal during 2011-12**

Blood Banks	Number
State Government	58
Private	35
Central Government	16
<b>Total</b>	<b>109</b>

**Table VIII.6.2: Annual Blood Collection Report of Govt. and Non-Govt. Blood Banks in West Bengal**

Year	Total Number of Blood Units Collected from Govt. and Non-Govt. Blood Banks		
	Voluntary	Replacement	Total
2009-10	675882	119757	795639
2010-11	679856	125568	805424
2011-12	675125	148360	823485

**Table VIII.6.3a: Blood Collection Report from State Govt. Blood Banks in West Bengal**

Year	Voluntary	Replacement	Total
2009-10	459277	62726	522003
2010-11	449500	64603	514103
2011-12	428442	77298	505740

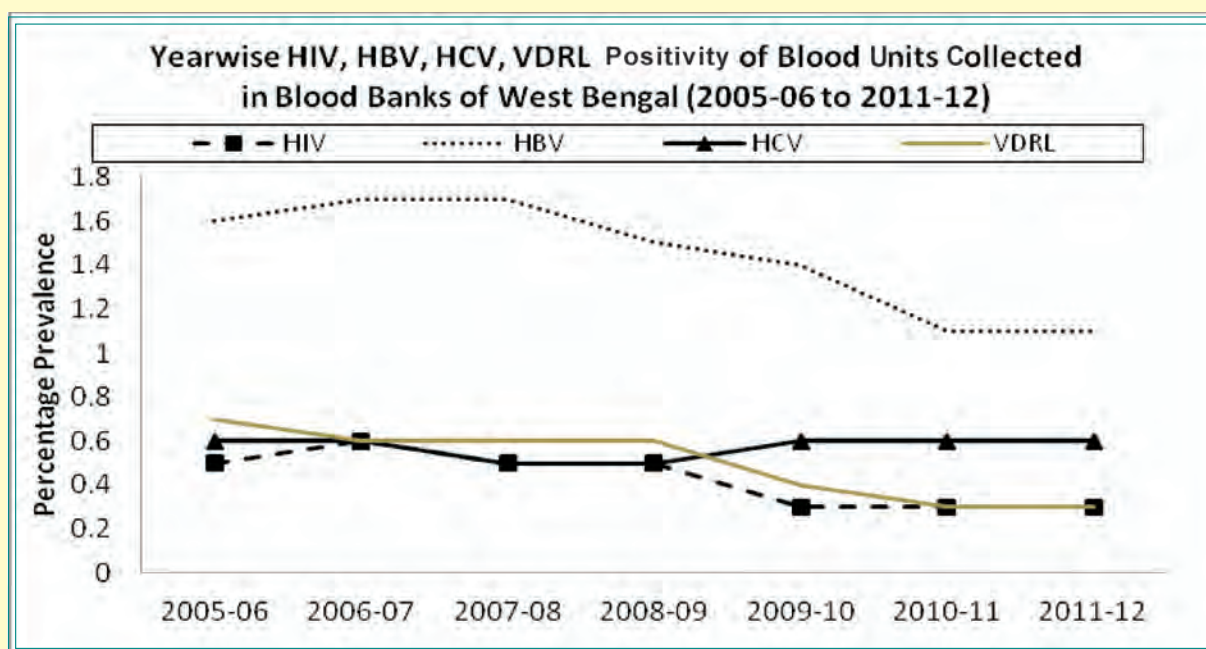


**Table VIII.6.3b: Blood Collection Report from Central Govt. Blood Banks in West Bengal**

Year	Voluntary	Replacement	Total
2009-10	6410	3945	10355
2010-11	5327	2713	8040
2011-12	7854	4450	12304

**Table VIII.6.3c: Blood Collection Report from Private Blood Banks in West Bengal**

Year	Voluntary	Replacement	Total
2009-10	210195	53086	263281
2010-11	225029	58252	283281
2011-12	238829	66612	305441



**HIV** – Human Immuno Deficiency Virus, **HBV** – Hepatitis B Virus, **HCV** – Hepatitis C Virus, **VDRL** – Venereal Disease Research Laboratory

**Table VIII.6.4: STD Clinic Status in West Bengal (WBSAP&CS) during 2011-12**

Sl. No.	Clinic	Number
1.	STD Clinics	43
2.	STD Clinics in NGO (TI)	77

**Table VIII.6.5a: STI Cases Reported in STI Clinics of West Bengal**

Type	Year			
	2009	2010	2011	2012 (Till 31.03.12)
First clinic visit (for the index STI/RTI complaint)	54528	57461	64673	16887
First clinic visit (for no STI/RTI complaint)	81129	133476	144954	40244
<b>Total First clinic visit</b>	<b>135657</b>	<b>190937</b>	<b>209627</b>	<b>57131</b>

**Table VIII.6.5b: ICTC Referrals from STI Clinics and Positivity Rate among them in West Bengal**

Description	Year			
	2009	2010	2011	2012 (Till 31.03.12)
No. of patients referred to ICTC from STI	52682	76514	105881	34652
No. of patients found HIV-infected out of them	1036	953	1333	231
Percentage (%) of Positivity	1.97	1.25	1.26	0.67

**Table VIII.6.6: Cumulative Number of Persons (both General Clients & Pregnant Women) Tested for HIV & Found Sero-positive in ICTC Centers of West Bengal (Till 31st March, 2012)**

District Category	District	Total Clients tested for HIV (till 31st March, 2012)	Out of total tested found Sero-Positive (till 31st March, 2012)
A	Bardhaman	217384	2106
A	Kolkata	932826	24585
A	Puruliya	53277	133
A	Uttar Dinajpur	48042	1452
B	Darjiling	165474	4878
B	Jalpaiguri	74148	958
B	Purba Medinipur	63271	602
B	Murshidabad	101786	735
C	Bankura	155375	432
C	Birbhum	37458	293
C	Dakshin Dinajpur	29915	292
C	Haora	103861	1419
C	Hugli	121180	871
C	Koch Bihar	49115	1129
C	Malda	42046	845
C	Paschim Medinipur	85520	1421
C	Nadia	102118	760
C	North 24-Parganas	183934	1506
C	South 24-Parganas	160183	1269
	Medinipur (Erstwhile)	26404	528
	<b>TOTAL</b>	<b>2753317</b>	<b>46214</b>

Table VIII.6.7(a): Annual Performance of ICTC Units in West Bengal during 2011-12

District Category	No. of Districts	No. of ICTC Units	ICTC Unit Type			No. of clients receiving pre-test counseling			Number of clients tested for HIV			Total no. of clients found Sero-positive			
			Unit Category	No. of Units	Unit Location	No. of Units	General Clients (excl. PW)	Pregnant women	Total	General Clients (excl. PW)	Pregnant women	Total	General Clients (excl. PW)	Pregnant women	Total
A	4	54	Stand Alone	46	Medical College - Govt. District Hospital SDH / SGH Rural Hospital BPHC / PHC NGO Other	6	68463	48	68511	68418	48	68466	1647	0	1647
						2	4684	0	4684	4661	0	4661	92	0	92
						8	13648	14857	28505	13508	14429	27937	413	33	446
						11	7851	10658	18509	7693	10655	18348	58	9	67
						11	7950	7140	15090	7908	7130	15038	83	5	88
						2	6761	0	6761	6458	0	6458	188	0	188
B	4	52	Facility Integrated	5	ESI Hospital/ Dispensary Rural Hospital BPHC / PHC Medical College - Pvt. Other	6	11942	109	12051	11941	109	12050	1217	15	1232
						1	3554	377	3931	3455	377	3832	60	0	60
						1	32	10	42	30	9	39	0	0	0
						3	177	246	423	174	242	416	0	1	1
						1	1421	296	1717	1421	296	1717	23	0	23
						2	1829	77	1906	1818	77	1895	10	1	11
C	11	133	Stand Alone	48	Medical College - Govt. District Hospital SDH / SGH Rural Hospital BPHC / PHC NGO Other	1	5368	0	5368	5368	0	5368	357	0	357
						4	11827	0	11827	11553	0	11553	251	0	251
						14	17768	21824	39592	17440	21394	38834	374	43	417
						17	12831	20967	33798	12395	20384	32779	183	15	198
						10	7564	8710	16274	7092	8549	15641	87	4	91
						1	51	12	63	40	1	41	1	0	1
TOTAL			Facility Integrated	4	Rural Hospital BPHC / PHC Medical College - Govt. District Hospital SDH / SGH Rural Hospital BPHC / PHC NGO Other	1	191	7	198	191	7	198	0	0	0
						1	43	338	381	39	246	285	1	0	1
						3	851	1203	2054	839	1201	2040	0	0	0
						2	6883	0	6883	6836	0	6836	222	0	222
						9	23220	0	23220	23191	0	23191	597	0	597
						48	39744	101189	140933	38995	93194	132189	752	113	865
			Stand Alone	131	Medical College - Govt. District Hospital SDH / SGH Rural Hospital BPHC / PHC NGO Other	50	22575	56286	78861	21622	55132	76754	369	50	419
						20	8398	17285	25683	8029	16787	24816	99	9	108
						2	1922	684	2606	705	525	1230	4	0	4
						1	2519	737	3256	5219	737	3256	29	1	30
						1	2625	0	2625	2625	0	2625	34	0	34
						1	2625	0	2625	2625	0	2625	34	0	34
			TOTAL			239	292692	263060	555752	286964	251529	538493	7151	299	7450

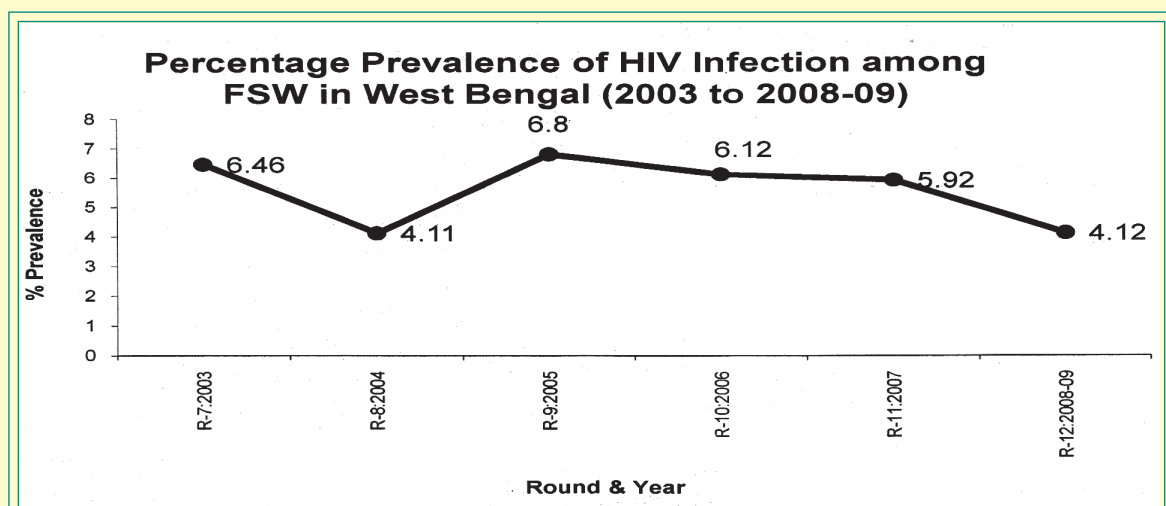
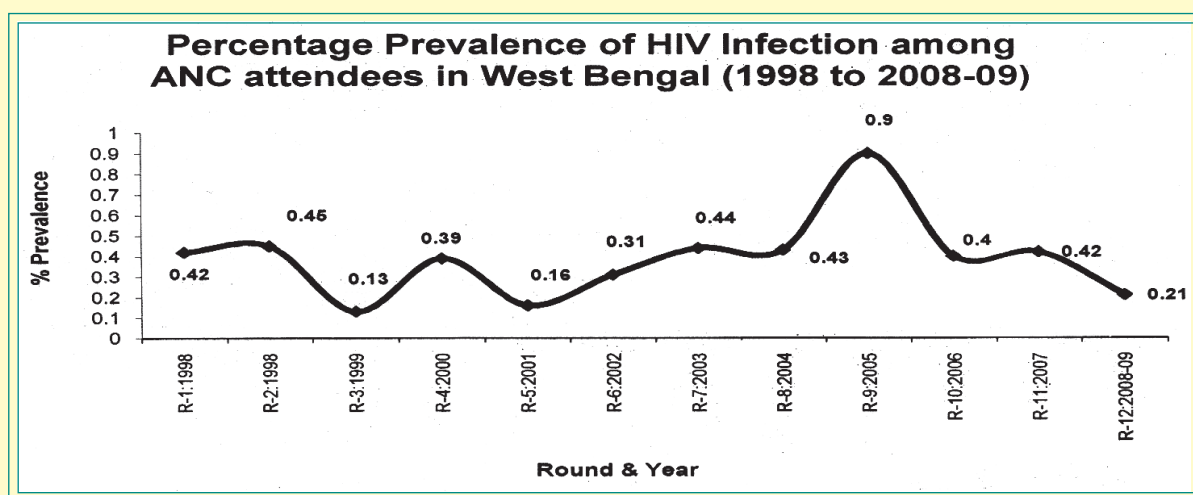
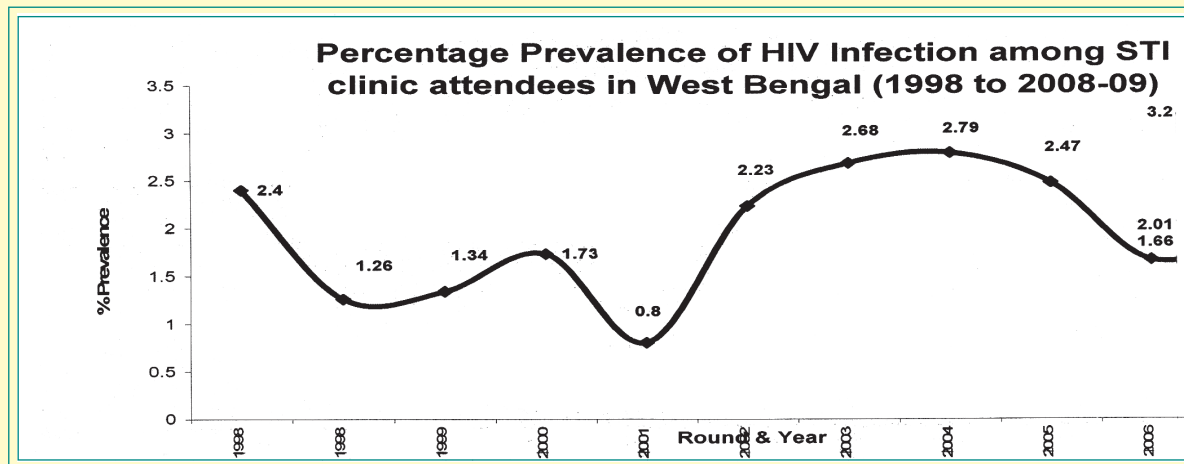
**Table VIII.6.7(b): Annual Performance of ICTC (ANC)/PPTCT Units in West Bengal during 2011-12**

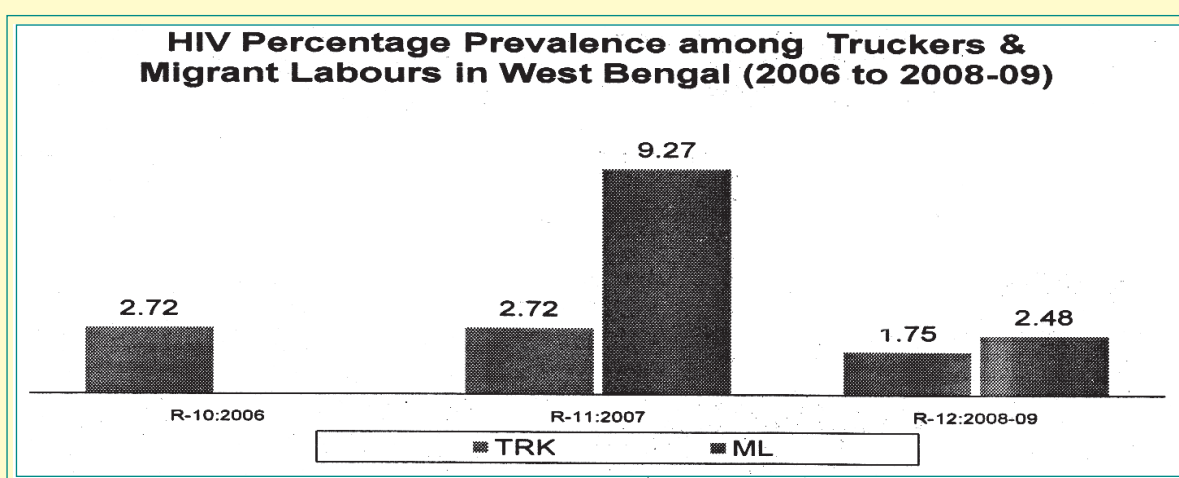
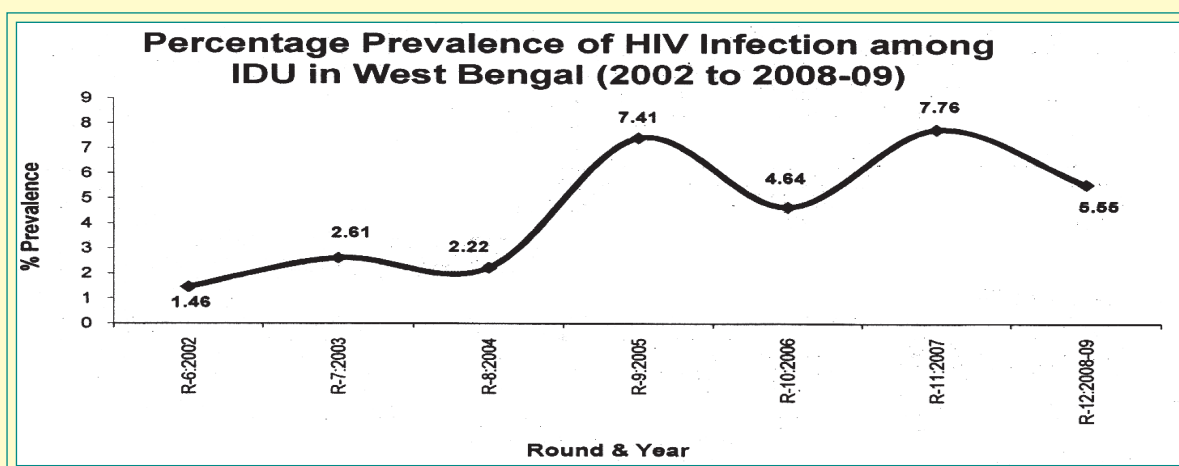
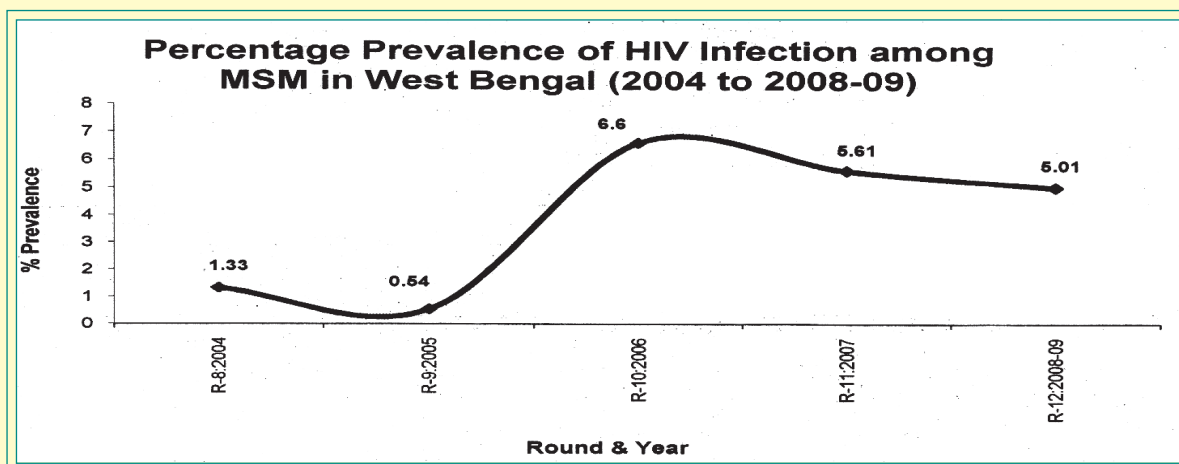
District Category	No. of Districts	No. of PPTCT Units	PPTCT Unit Type				No. of clients receiving pre-test counseling			Number of clients tested for HIV			Total no. of clients found Sero-positive			No. of MB pair receiving nevirapine out of those PW found positive**
			Unit Category	No. of Units	Unit Location	Total Pregnant Women registered*	General Clients (excl. PW)	Pregnant Women	Total	General Clients (excl. PW)	Pregnant Women	Total	General Clients (excl. PW)	Pregnant Women	Total	
A	4	11	Stand Alone	11	Medical College	93267	3779	88152	91931	3627	85153	88780	134	130	264	105
					District Hospital	11467	2	5968	5970	2	5968	5970	2	9	11	12
					Maternity Home	21516	3445	17719	21164	3441	17641	21082	87	15	102	11
B	4	5	Stand Alone	5	Medical College	9222	110	5624	5734	110	5624	5734	16	18	34	22
					District Hospital	20344	74	18664	18738	74	15476	15550	5	12	17	9
					Medical College	40519	627	24304	24931	626	23523	24149	11	16	27	10
C	11	11	Stand Alone	11	District Hospital	62240	1125	43725	44850	1102	41116	42218	31	37	68	34
					<b>TOTAL</b>	<b>258575</b>	<b>9162</b>	<b>204156</b>	<b>213318</b>	<b>8982</b>	<b>194501</b>	<b>203483</b>	<b>286</b>	<b>237</b>	<b>523</b>	<b>203</b>

\* Apart from above mentioned 27 PPTCTs, 307875 Pregnant Women are also registered in 228 ICTCs of West Bengal

\*\* There are 89 Mother-Baby (MB) Pairs also, who have received Nevirapine out of those 299 Pregnant Women found positive in ICTCs

## Year wise Percentage Prevalence of HIV Infection among ANC, STI Attendees, FSW, IDU, MSM, Truckers and ML Ssites in West Bengal: 1998 to 2008-09 \*





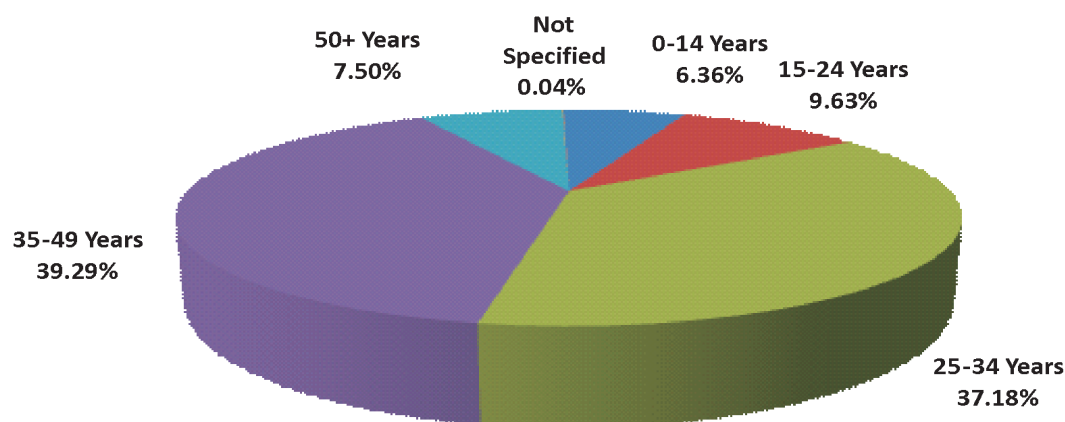
ANC: Antenatal Clinic, STD: Sexually Transmitted Diseases, FSW: Female Sexual Workers, MSM: Men having sex with Men, IDU: Injecting Drug Users

\* Source: West Bengal State Sentinel Surveillance Report on HIV Infection Status and Trend Analysis: 2008-09

**Table VIII.6.8: Age Group-wise Distribution of HIV Sero-Positive Cases in General Clients (Excluding Pregnant women) in West Bengal during 2011-12**

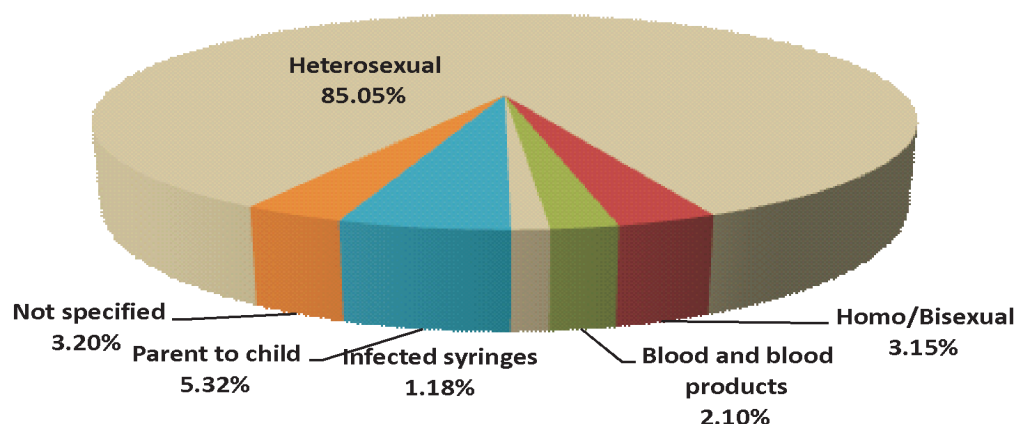
Age Group (in Years)	Number	Positive (in %)
0-14	473	6.36
15-24	716	9.63
25-34	2765	37.18
35-49	2922	39.29
50+	558	7.50
Not Specified	3	0.04
<b>Total</b>	<b>7437</b>	<b>100.00</b>

**Percentage HIV Positives among Different Age Groups (Excl. Pregnant Women), West Bengal, 2011-12**

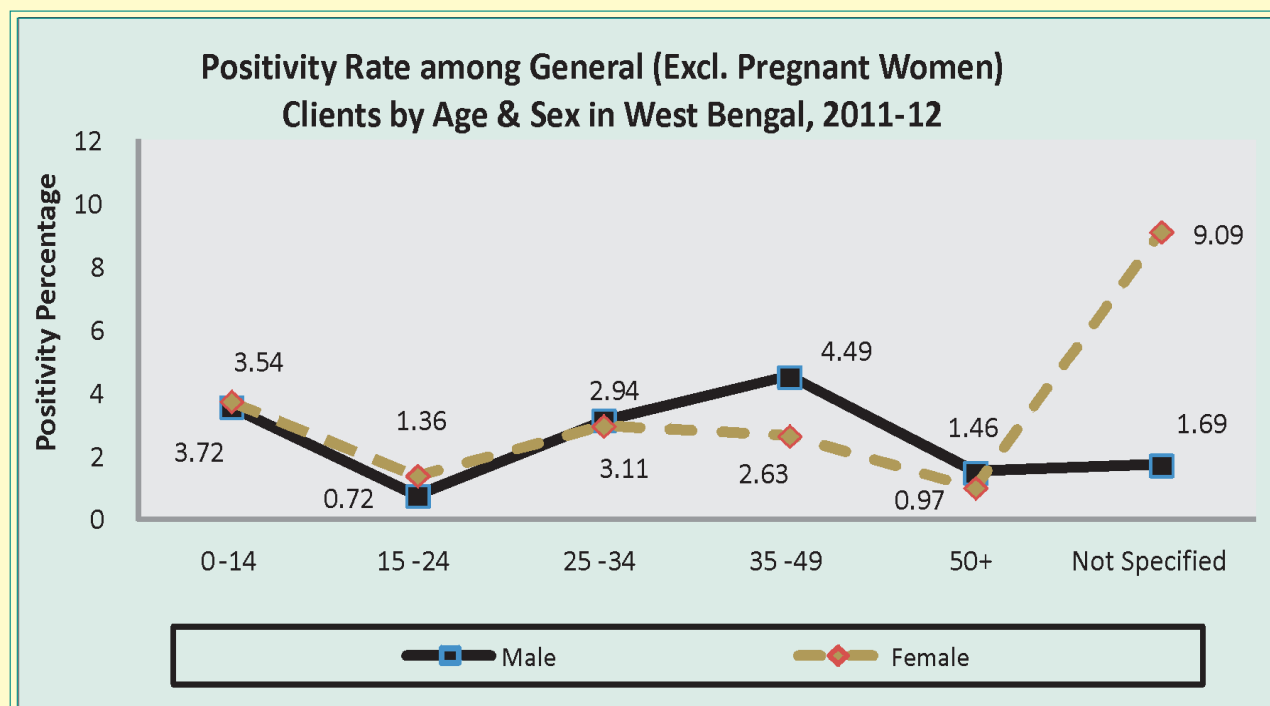


**HIV Infection acquired by routes of transmission in General clients (Excluding pregnant women) in West Bengal, 2011-12**

**Proportion of HIV Infection by Routes of Transmission (Excl. Pregnant Women), West Bengal, 2011-12**







**Table VIII.6.9: District-wise Sero-Positive Cases Detected by ICTC (Gen. Clients + Pregnant women) in West Bengal during 2011-12**

District	Number of cases detected positive for HIV
Bankura	107
Bardhaman	458
Birbhum	43
Dakshin Dinajpur	71
Darjiling	696
Haora	311
Hugli	231
Jalpaiguri	312
Koch Bihar	168
Kolkata	3354
Malda	191
Purba Medinipur	187
Paschim Medinipur	324
Murshidabad	172
Nadia	176
North 24-Parganas	415
Puruliya	29
South 24-Parganas	337
Uttar Dinajpur	391
<b>Total</b>	<b>7973</b>

**Table VIII.6.10: District-wise HIV Positivity Percentage in ICTCs (Except Pregnant women) in West Bengal during 2011-12**

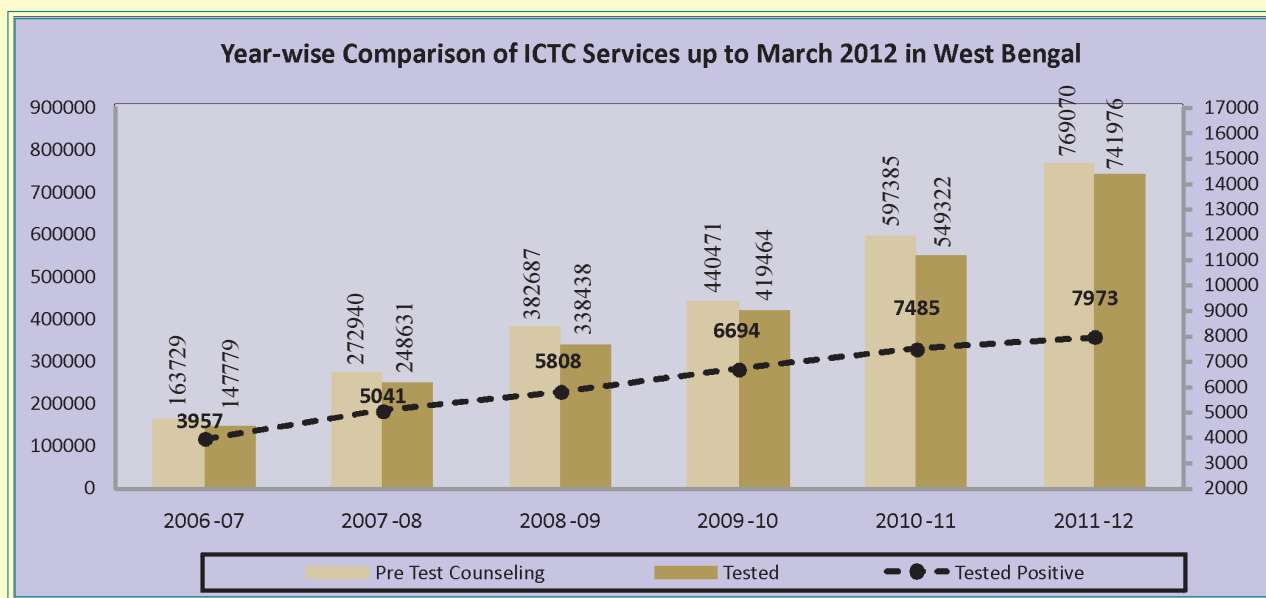
District	HIV Positivity (in %)
Puruliya	0.32
Birbhum	0.81
Murshidabad	1.24
Bankura	1.49
Bardhaman	1.71
Nadia	1.72
Purba Medinipur	1.86
North 24-Parganas	1.87
Dakshin Dinajpur	1.91
Koch Bihar	1.96
South 24-Parganas	2.11
Haora	2.12
Hugli	2.28
Jalpaiguri	2.32
Malda	2.44
Medinipur (West)	2.76
Darjiling	3.21
Kolkata	3.48
Uttar Dinajpur	3.86
<b>West Bengal</b>	<b>2.51</b>



**Table VIII.6.11: District-wise HIV Positivity % in ICTCs (Pregnant women) in West Bengal during 2011-12**

District	Tested	HIV Positive	HIV Positivity (in%)
Puruliya	15199	3	0.02
Murshidabad	24809	10	0.04
Bankura	21368	9	0.04
Birbhum	8157	4	0.05
Nadia	25043	15	0.06
Paschim Medinipur	22861	15	0.07
Purba Medinipur	18000	12	0.07
Dakshin Dinajpur	5591	4	0.07
Malda	8669	7	0.08
South 24-Parganas	34424	37	0.11
North 24-Parganas	38843	43	0.11
Bardhaman	29779	34	0.11
Hugli	33126	38	0.11
Jalpaiguri	14671	18	0.12
Haora	24417	37	0.15
Kolkata	88414	153	0.17
Koch Bihar	8515	17	0.20
Uttar Dinajpur	8742	28	0.32
Darjiling	15402	52	0.34
<b>West Bengal</b>	<b>446030</b>	<b>536</b>	<b>0.12</b>

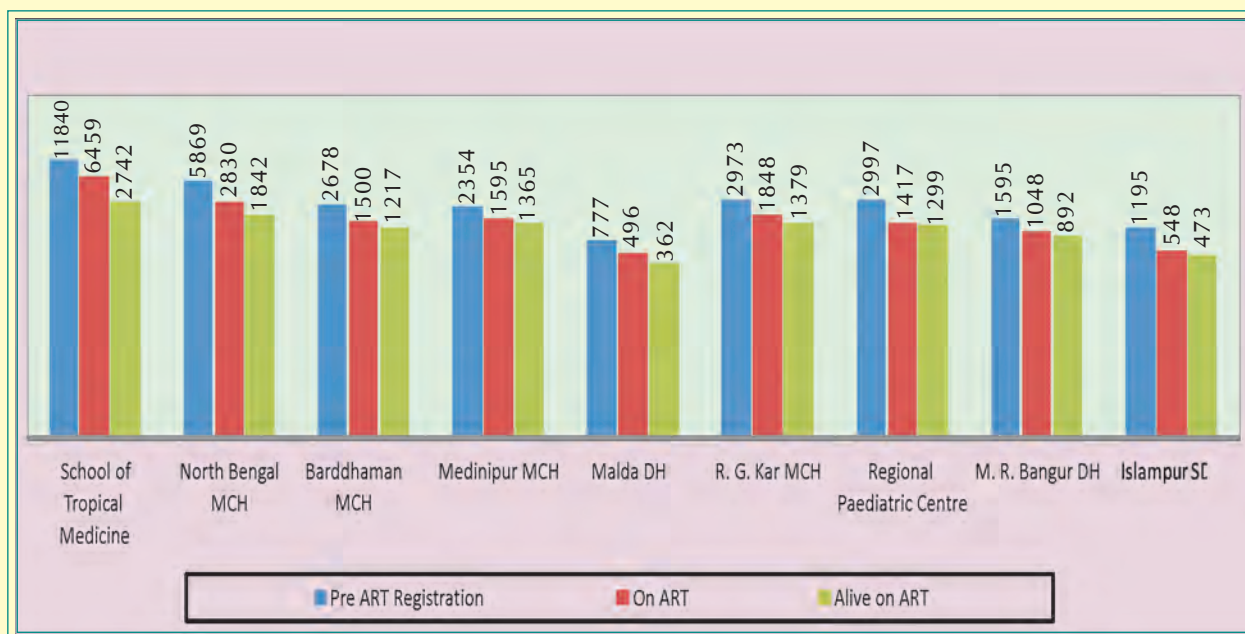
**Year wise comparison of ICTC services (General Clients + Pregnant Women) up to March 2012 in West Bengal**



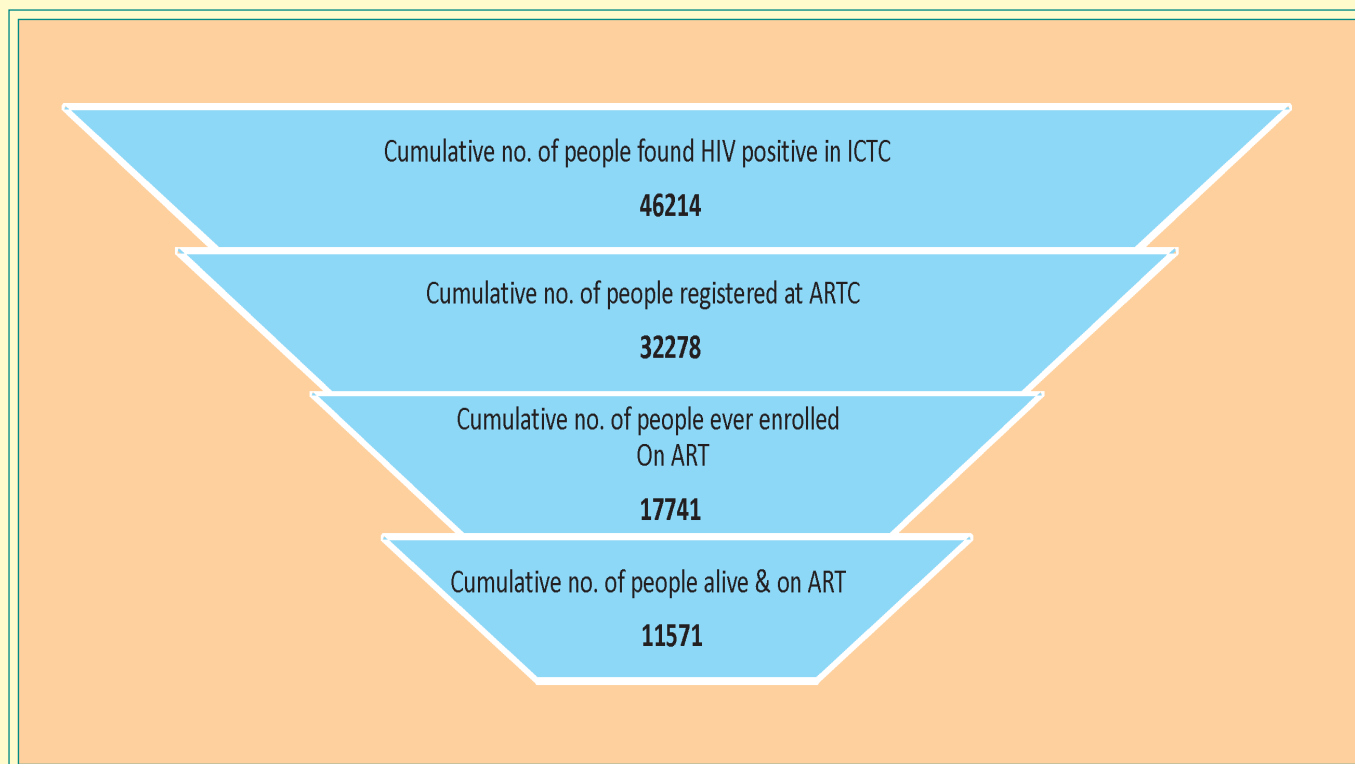
**Table VIII.6.12: Cumulative Number of PLHA Registered in ART Centres of West Bengal up to 31.03.2012**

ART Centre	Registered Pre-ART				On ART				Alive on ART			
	Male	Female	Child	TS/TG	Male	Female	Child	TS/TG	Male	Female	Child	TS/TG
School of Tropical Medicine	7407	4053	369	11	4507	1730	215	7	1945	793	0	4
NB MC&H Darjiling	3457	2105	298	9	1887	850	92	1	1193	591	57	1
Barddhaman MC&H Barddhaman	1446	1014	214	4	940	495	64	1	731	434	52	0
Medinipur MC&H Paschim Medinipur	1181	958	215	0	935	557	102	1	779	495	90	1
Malda DH Malda	402	314	61	0	339	144	13	0	227	124	11	0
R. G. Kar MC&H Kolkata	1733	1192	19	29	1205	624	7	12	899	468	3	9
Regional Paediatric Centre, MC&H Kolkata	1038	1110	848	1	536	497	384	0	471	470	358	0
M. R. Bangur DH South 24-Parganas	912	663	8	12	668	373	0	7	564	322	0	6
Islampur SDH Uttar Dinajpur	617	496	81	1	360	171	16	1	307	151	15	0
<b>TOTAL</b>	<b>18193</b>	<b>11905</b>	<b>2113</b>	<b>67</b>	<b>11377</b>	<b>5441</b>	<b>893</b>	<b>30</b>	<b>7116</b>	<b>3848</b>	<b>586</b>	<b>21</b>

## ART Centre wise Cumulative number of PLHA registered, On ART & Alive on ART in West Bengal up to 31.03.2012



## ICTC - ART Centre Linkages in West Bengal as on 31.03.2012



**Table VIII.6.13: Number of Target Intervention (TI) Projects to Reach High Risk Groups (HRG) & Bridge Population of West Bengal**

Type of HRG & Bridge population	Number of NGO
Female Sex Workers (FSW)	38
Men Having Sex with Men (MSM)	10
Injecting Drug User (IDU)	10
Truckers (TRK)	8
Migrant Labours (ML)	7
Transgender (TG-Hijras)	2
Core-Composite (FSW & MSM)	1
Core-Composite (FSW & IDU)	1
<b>Total</b>	<b>77</b>

**Table VIII.6.14: Few Target Intervention (TI) Indicators during Last Three Financial Years in West Bengal**

Indicator (in Number)		Year		
		2009-10	2010-11	2011-12
Patients treated for STI by TI NGOs		52520	72689	84413
Patients referred to ICTC by TI NGOs		74590	103008	115635
Patients tested at ICTC referred by TI NGOs		26810	23343	28069
Condom Distributed by TI NGOs	Free	3741535	5919849	4895622
	Social Marketing	10780492	11032699	11007156
	Total	14522027	16952548	15902778

**Table VIII.6.15: List of Community Care Centres (CCC)s to Provide Services to People Living with HIV/AIDS**

District	Name of CCC	Organisation
South 24-Parganas	Arunima	CNI
Paschim Medinipur	Snehalaya	Gandhi Mission Trust
Darjiling	Jeshu Ashram	Jeshu Ashram
Haora	Sparsha	Sparsha
North 24-Parganas	Seva Kendra	Seva Kendra
Paschim Medinipur	St. Joseph	Seva Kendra
Bardhaman	Chetna	Asansol Burdwan Seva Kendra
Darjiling	Prayas	Anugalya DSSS
South 24-Parganas	Alor Disha	SNP +
Jalpaiguri	Bhalobasa – I	Bhoruka Public Welfare Trust
Murshidabad	Antarik	Suprava Panchasila Mahila Udyog Samity
Uttar Dinajpur	Spandan	Jalpaiguri Hriday
Malda	Priyojon	BNP +
Kolkata	Bhalobasa – II	Bhoruka Public Welfare Trust

**Table No. VIII.7.1: Report of the Working of the Prevention of Food Adulteration Act, 1954 for the Year 2011-12**

**National Iodine Deficiency Disorder Control Programme (NIDDCP)**

It is a 100% Centrally Sponsored Scheme. Iodine is one of the essential micronutrient for human growth and development. Iodine deficiency in food leads to physical and mental disorders in child and adults. Realizing the magnitude of problem the Govt. of India launched a 100% centrally assisted National Iodine Deficiency Disorders Control Programme with the following objectives:-

1. Survey to assess the magnitude of Iodine Deficiency / Disorder including Goitre
2. Supply of Iodated salt in place of common salt
3. Resurvey to assess the extent of Iodine Deficiency Disorders and impact of Iodated salt
4. Laboratory monitoring of Iodated salt and Urinary Iodine excretion
5. Health education

The Government of India has also allocated fund for setting up Laboratory at State Head quarter to undertake analysis of urine samples for urinary iodine excretion and analysis of iodine in salt samples using titration method.

**Administrative Set-up:**

1. Asstt. Director of Health Services (PFA) – Programme Officer
2. I.D.D. Laboratory – It is proposed to set-up an I.D.D. Laboratory at Biochemistry Department of Medical College, Kolkata.
3. I.D.D. Cell – It is proposed to set up an I.D.D. Cell at Swasthya Bhawan with the following personnel:
  - a) Biochemist – One Post
  - b) Statistical Officer – One Post
  - c) Data Entry Operator – One Post
4. Dy. CMOH-II – Nodal Officer of the District

**Work Done in the Year 2011-12:**

- a) I.D.D. Survey – Survey is conducted at the Darjeeling District.
- b) I.E.C. – I.E.C. is done in 134 Blocks of 18 Districts of West Bengal.
- c) Salt Testing Programme is done throughout the year and the Report of the same is as under:

No. of salt samples tested	No. of salt samples found standard ( $\geq 15$ ppm)	Percentage of standard samples
2,84,420	2,07,762	73.05 (Approx.)

*[To maintain the iodine level salt samples are being tested at household level, retail level with the help of Salt Testing Kits supplied by Govt. of India.]*

- d) ASHAs are to be involved in every district. There is a proposal of Rs. 25 per 50 samples to be remunerated to the ASHA of the concerned district for performing Salt Testing Work.

**Table No. VIII.7.2: Report of the Working of the Food Safety and Standards Act, 2006**

**Introduction:** Food Safety and Standards Act, 2006 has come into force with effect from the 5<sup>th</sup> August, 2011 repealing the Prevention of Food Adulteration Act, 1954 and other food related Acts and Orders. This new Act has been enacted with an aim to establish a single reference point for all matters relating to food safety and standards by moving from multi-level multi-department control to a single line of command.

**Objective:**

- To prevent adulteration of food
- To lay down science based standards for food articles and to regulate their manufacture, storage, distribution, sale and import
- To ensure availability of safe and wholesome food for human consumption
- To promote general awareness about food safety and standards

**Role / Responsibility:**

- Commissioner of Food Safety of the State is responsible for enforcement of Food Safety and Act, Rules and Regulations.
- Designated Officer is the Licensing Authority and Prosecution Launching Authority in case of contraventions punishable with fine only.
- Food Safety Officer is the Registering Authority and Prosecution Launching Authority in the Court of Law in case of contravention punishable with fine and imprisonment.

**Act Administered by the Branch:**

Food Safety and Standards Act, 2006, Rules and Regulation, 2011

**Infrastructure / Organizational Set-up:**

Commissioner of Food Safety is the over all enforcement authority of the State. Joint Secretary to the Government of West Bengal, Department of Health & Family Welfare has been notified as Commissioner of Food Safety and Assistant Commissioner of Food Safety at the State Headquarters is under the control of the Commissioner of Food Safety. There are also two Food Safety Officers at the Headquarters. In each district there are one Designated Officer and one Food Safety Officer. At present Deputy Chief Medical Officer of Health – II of each district has been empowered as Designated Officer who is the Licensing Authority under FSS Act, 2006. Food Safety Officers have been notified as Registering Authority. In the districts the above Act is being implemented through Designated Officers and Food Safety Officers. In each district Additional District Magistrate has been notified as Adjudication Officer who will dispose of the cases where the contravention is punishable with fine only.

Name of Post	Sanctioned Post	Existing Strength
Designated Officer	18	18
Food Safety Officer	20	17

**Activities:**

Total number of Licenses & Registrations:- Licenses + Registrations = 1647 + 311 = 1958.

Total Fees collected from Licensing & Registration:-

From Licensing ————— Rs. 2,45,900/-

From Registration ————— Rs. 7,91,000/-

**Total Fees collected ————— Rs. 10,36,900/-**

**Table VIII.8 : Activities of West Bengal Public Health Laboratory  
(Bacteriology Section) for the Year 2011-12**

**(A) Bacteriological Analysis of Potable Water**

Sl. No.	Item for Bacteriological Analysis	No. of samples tested	No. of satisfactory samples	% of satisfactory samples	No. of un-satisfactory samples	% of un-satisfactory samples
1.	Water sample received & tested at W.B.P.H.L. (Bact Sec.)	2092	2019	96.51	73	3.49
2.	Water sample tested at Ganga Sagar Mela, 2011, South 24-Parganas, West Bengal	108	104	96.30	4	3.70
3.	Outbreak Water samples from different districts of West Bengal	12	4	33.33	8	66.67
<b>Total</b>		<b>2212</b>	<b>2127</b>	<b>96.16</b>	<b>85</b>	<b>3.84</b>

**(B) Spore Test Performed to Detect the Function of Autoclaves Engaged in Waste Management of Biomedical Products**

No. of Samples tested	Result	
	Satisfactory	Unsatisfactory
42	42	0

Source: Public Analyst (Bacteriological Sec.), West Bengal, Public Health Laboratory

**Table VIII.9: Number of OPD Attendance, Admission, Death, Discharge, etc. at Cancer Centre Welfare Home and Research Institute, Thakurpukur, Kolkata during 2011-12**  
**Therapeutic Services Rendered during 2011-12**

Broad Division	Division	Unit	No. of Patients Treated
Radiation Oncology * (01.04.11 – 31.03.12)	Teletherapy Division	Tele-Cobalt	981
		Linear Accelerator	851
	Brachytherapy Division	Brachytherapy	239
Surgical Oncology	Minor OT (Minor Surgeries & Biopsies) (01.04.11 – 31.03.12)	-	498
	Major OTs (Major & Special Operations) (01.04.10 – 31.01.11)	Head & Neck Surgery	148
		Breast Surgery	169
		Thoracic Surgery	7
		Abdominal Surgery	179
		Genito Urinary Surgery	58
		Gynaecological Surgery	63
		Others	60
	Total		684
	Endoscopy (01.04.11 – 31.03.12)	Cystoscopy	95
		Bronchoscopy	41
		Colonoscopy	424
		UGI-Endoscopy	874
		Laryngoscopy	369
		Nasopharyngoscopy	—
		Nasal Polypectomy	5
		E.R.C.P	76
		Endoscopy Guided (EG) NGTube Insertion	—
		EG Esophageal & Duodenal Stenting	10
		RG Esophageal Dilatation	22
		Percutaneous Endoscopic Gastrostomy	—
	Total		1916
Medical Oncology (01.04.11 – 31.03.12)	Chemotherapy	Applications	10593

\* Radiotherapy Services



**Table VIII.9: Number of OPD Attendance, Admission, Death, Discharge, etc. at Cancer Centre Welfare Home and Research Institute, Thakurpukur, Kolkata during 2011-12- conclud.**

**Radiotherapy Services (Period: 01.04.11-31.03.12)**

Radiotherapy Services		Number
Tele Cobalt		981
Linear Accelerator	With 3D CRT	361
	Without 3D CRT	454
Brachytherapy (Microselectron)		239

**Admission**

**(Period 01.04.2011 – 31.03.2012)**

Gender	Paediatric (0-14 years)	Adult (15 + years)	Total
Male	340	3905	4245
Female	122	3401	3523
<b>Person</b>	<b>462</b>	<b>7306</b>	<b>7768</b>

**Death, Discharge & DORB**

**(Period 01.04.2011 – 31.03.2012)**

Parameter	Number
New Registration	8288
OPD Consultation	41279
Admission	7768
Normal Discharge	7002
Discharge on Risk Bond (DORB)	467
Death in indoor	498

**Table VIII.10.1 : Nutritional Status of Children ( 0 - 6 ) Years during July to December, 2011  
( On the basis of reports of Nutrition Education Clinics in Different Institutions / Organisations )**

Status	Nutritional Status of Children ( 0 - 6 ) Years July to December, 2011							
	New Case				Old Case			
	Male	Per-cent	Female	Per-cent	Male	Per-cent	Female	Per-cent
Normal	226202	72.76	209649	70.92	297992	70.70	276294	69.11
Grade - I	64024	20.59	64350	21.77	87410	20.74	91937	23.00
Grade - II	18230	5.86	19308	6.53	31507	7.48	26658	6.67
Grade - III	1631	0.52	1504	0.51	3034	0.72	3279	0.82
Grade - IV	802	0.26	805	0.27	1523	0.36	1601	0.40
<b>Total</b>	<b>310889</b>	<b>100.00</b>	<b>295616</b>	<b>100.00</b>	<b>421466</b>	<b>100.00</b>	<b>399769</b>	<b>100.00</b>

Source : Jt.D.H.S. ( Nutrition )

**Table VIII.10.2 : Nutritional Status of Children ( 0 - 6 ) Years during January to June, 2012  
( On the Basis of Reports of Nutrition Education Clinics in Different Institutions/Organisations )**

Statuss	Nutritional Status of Children ( 0 - 6 ) Years January to June, 2012							
	New Case				Old Case			
	Male	Per-cent	Female	Per-cent	Male	Per-cent	Female	Per-cent
Normal	246968	78.86	228485	77.74	306508	76.92	284381	75.64
Grade - I	56538	18.05	55136	18.76	78777	19.77	79078	21.03
Grade - II	6165	1.97	6492	2.21	8643	2.17	7297	1.94
Grade - III	927	0.30	726	0.25	998	0.25	1084	0.29
Grade - IV	2555	0.82	3074	1.05	3563	0.89	4139	1.10
<b>Total</b>	<b>313153</b>	<b>100.00</b>	<b>293913</b>	<b>100.00</b>	<b>398489</b>	<b>100.00</b>	<b>375979</b>	<b>100.00</b>

Source : Jt.D.H.S. ( Nutrition )

**Table VIII.11.1 : Communicable Disease-wise Report on Cases and Deaths in West Bengal  
during January to December, 2011**

Sl. No.	Disease	Case			Case (in %)	Death			Death (in %)
		Male	Female	Total		Male	Female	Total	
1	Acute Diarrhoeal Disease	942710	911941	1854651	45.98	164	124	288	14.26
2	Diphtheria	331	457	788	0.02	3	5	8	0.40
3	Cholera ( Lab confirmed )	319	333	652	0.02	0	0	0	0.00
4	Tetanus Other	247	183	430	0.01	43	23	66	3.27
5	Neonatal Tetanus	91	72	163	0.00	0	2	2	0.10
6	Whooping Cough	1197	841	2038	0.05	4	1	5	0.25
7	Measles	3476	2896	6372	0.16	16	14	30	1.49
8	ARI ( including influenza & excluding pneumonia )	1038532	953128	1991660	49.38	324	204	528	26.15
9	Pneumonia	22091	17845	39936	0.99	368	226	594	29.42
10	Enteric Fever	68054	59126	127180	3.15	19	15	34	1.68
11	Viral Hepatitis A	2453	1766	4219	0.10	55	29	84	4.16
12	Viral Hepatitis B	603	405	1008	0.02	6	2	8	0.40
13	Viral Hepatitis C,D,E	162	91	253	0.01	9	4	13	0.64
14	Meningococcal Meningitis	1057	849	1906	0.05	169	110	279	13.82
15	Rabies	55	25	80	0.00	55	25	80	3.96
16	Swine Flue ( H1N1 )	3	4	7	0.00	0	0	0	0.00
17	Syphilis	217	675	892	0.02	0	0	0	0.00
18	Gonococcal Infection	333	808	1141	0.03	0	0	0	0.00
	<b>Total</b>	<b>2081931</b>	<b>1951445</b>	<b>4033376</b>	<b>100.00</b>	<b>1235</b>	<b>784</b>	<b>2019</b>	<b>100.00</b>

N.B. Based on a study of 4033376 cases (OPD + IPD cases reported from Emergency) and 2019 deaths in respect of Communicable diseases from the reporting hospitals of the districts in 2011

**Table VIII.11.2 : Non-Communicable Diseasewise Report on IPD Cases and Deaths in West Bengal during 2011 (January to December)**

Sl. No.	Disease	Case			Cases of IPD (in %)	Death			Death (in %)
		Male	Female	Total		Male	Female	Total	
<b>1</b>	<b>Cardio Vascular Disease</b>								
1.1	Hypertension	59121	47946	107067	21.43	639	495	1134	9.62
1.2	Ischemic Heart Disease	9734	8043	17777	3.56	553	448	1001	8.49
<b>2</b>	<b>Neurological Disorders</b>								
2.1	Cerebro Vascular Accident	19109	15062	34171	6.84	3537	2860	6397	54.27
2.2	Other Neurological Disorders**	6054	4175	10229	2.05	59	29	88	0.75
<b>3</b>	<b>Diabetes Mellitus</b>								
3.1	Type 1	5620	4491	10111	2.02	110	56	166	1.41
3.2	Type 2	5728	5682	11410	2.28	65	78	143	1.21
<b>4</b>	<b>Lungs Disease</b>								
4.1	Bronchitis	28688	21308	49996	10.01	114	58	172	1.46
4.2	Emphysemas	4717	2167	6884	1.38	37	25	62	0.53
4.3	Asthma	33947	25792	59739	11.96	148	61	209	1.77
<b>5</b>	<b>Psychiatric Disorder</b>								
5.1	Common Mental Disorders	30988	28504	59492	11.91	12	4	16	0.14
5.2	Severe Mental Disorders	700	998	1698	0.34	7	10	17	0.14
<b>6</b>	<b>Accidental Injuries</b>	67066	34437	101503	20.32	1289	529	1818	15.42
<b>7</b>	<b>Cancer</b>	4459	4267	8726	1.75	121	63	184	1.56
<b>8</b>	<b>Snake bite</b>	11811	9024	20835	4.17	214	166	380	3.22
	<b>Total</b>	<b>287742</b>	<b>211896</b>	<b>499638</b>	<b>100.00</b>	<b>6905</b>	<b>4882</b>	<b>11787</b>	<b>100.00</b>

N.B. Based on a study of 499638 (OPD + IPD cases reported from Emergency) and 11787 deaths in respect of Non-Communicable diseases from the reporting hospitals of the districts in 2011

\*\* Other neurological disorders like Epilepsy, Parkinsons, Dementia

**Table VIII.12.1 : Status on I.C.D.S. As on 31.03. 2012**

Item	Number	
ICDS projects sanctioned	575	
Operational Project	573	
Anganwadi Centres sanctioned	116390	
Anganwadi Centres functioning	112432	
Beneficiaries covered under Supplementary Nutrition Programme	a) Children :	
	0 - 3 years	3379757
	3 - 6 years	3261018
	Total	6640775
	b) Pregnant and Lactating mothers	1344412

Source : Addl. Director of Social welfare, Govt. of west Bengal

Table VIII.12.2 : Consolidated Progress Report of I.C.D.S. in West Bengal As on March, 2012

District	No. of AWCs reporting	No. of AWCs providing SNP for 21 + days in a month	Total population within project		No. of SNP beneficiaries			No. of PSE beneficiaries (3-6) years			Reported live births	No. of deaths (0-1 yr)	No. of deaths (1-5 yrs)	Classification of nutritional status				
			0-6 years	Preg. & Lact Women	0-3 years	3-6 years	Preg. & Lact. Women	No. of AWCs providing PSE for 21 + days in a month	Boys	Girls				Normal	Gr-I	Gr-II	Gr-III + Gr-IV	Total no. of children Weighed
Bankura	5335	4833	334075	64906	148159	152334	64906	5064	77551	74783	3366	103	7	185660	70132	0	9412	265204
Birbhum	4796	4718	350467	72291	161008	150736	72291	4719	76522	74214	3831	66	12	218756	83972	0	4023	306751
Bardhaman	9090	9010	540960	106814	249386	249666	106814	8988	126631	123035	5753	138	22	311055	130959	0	5260	447274
Kolkata	1510	1441	83184	8365	35083	42412	8365	1443	21230	21182	707	11	1	42917	11630	0	664	55211
Koch Bihar	3571	3050	249869	43815	117864	118654	38757	3400	60422	58232	2514	33	12	108461	43954	0	2884	155299
Darjiling	3885	3771	137830	18740	57698	68747	18740	3728	34659	33997	1384	47	3	75430	16898	0	846	93174
Hughli	6448	6142	384159	70804	153594	139844	64970	6391	68102	67869	3911	82	12	198337	67364	0	2476	268177
Haora	4139	4050	389707	52586	132457	111619	52586	4069	55640	55979	4173	49	3	207160	57974	0	2966	268100
Jalpiguri	6718	5953	344419	57566	147303	164861	54467	6128	83272	81589	3212	98	46	163052	50794	0	5178	219024
Malda	4992	4399	403361	74149	197401	167234	74149	4839	86201	81033	4359	130	19	172103	84562	0	5192	261857
Purba Midnapore	5736	5268	455549	92572	215107	181167	92010	5316	91664	88703	4935	73	23	234804	100102	0	7177	342080
Murshidabad	8499	6942	756212	143581	349278	288865	130414	8472	140726	138048	8097	191	89	439851	134449	0	12298	586598
Nadia	6470	6302	421653	80105	189550	173267	77240	6462	83613	84191	5140	102	23	282287	77719	0	3460	363466
Puruliya	4734	3957	303444	56659	142136	125098	55090	4223	63657	61441	3762	117	44	158625	68674	0	6855	234154
North 24-Pgs.	9725	8756	628838	106305	265594	288301	102603	9628	147619	143658	6673	202	36	323173	80214	0	3119	406506
Uttar Dinajpur	3730	3667	393615	62721	165861	181952	57638	3692	93778	88169	4369	199	28	200353	80802	0	8384	289539
South 24-Pgs	9921	8551	805338	149664	364296	366159	149664	9414	184696	181463	7841	157	40	453075	142602	0	10897	606574
Dakshin Dinajpur	3217	2673	163725	29356	65692	65607	29356	3085	33187	32420	1816	79	11	89338	28655	0	1828	119821
Paschim Mednapur	8544	8018	504291	101972	222290	224495	94352	8312	117122	115643	5205	117	28	257148	118998	0	9928	386074
TOTAL	111060	101501	7650696	1392971	3379757	3261018	1344412	107373	1646292	1605649	81048	1994	459	4121585	1450454	0	102847	5674883

SNP: supplementary Nutrition Programme

PSE: Pre school Education

Source : Addl. Director of social Welfare, Govt. of West Bengal

Table VIII.13 : Activities of the Directorate of Drug Control in West Bengal during 2011-12

## Modern Medicine

Manufacturing	Loan Licences	Homoeopathy	Cosmetics
172	25	160	151

## Blood Bank

Whole Human Blood I. P.		Blood Components		Apheresis		Blood Storage Centre	Apheresis
Govt.	Others	Govt.	Others	Central Govt.	State Govt.		Private
75	32	10	19	1	1	19	3

## Selling unit

Modern Medicine		Homoeopathy		Restricted
Wholesale	Retail	Wholesale	Retail	
17966	43160	431	3507	119

## Quality Control Section

No. of samples tested	No of not of standard quality	No of samples found spurious	Cases registered	Prosecution launched	Cases decided	Punish-ment	Cases pending	No.of persons arrested	No of samples misbranded /Adulterated
844	43	3	28	5	Nil	Nil	165	15	Nil

## Manufacturing

Licence cancellation	Product cancellation	Suspension of product	Surrender of Licenses	Warning letter/Stop manufacture	Show cause
Nil	1	22	Nil	4	33

## Homoeopathy

Licence cancellation	Suspension	Surrender
Nil	Nil	Nil

## Blood Bank

Licence cancellation	Suspension	Surrender/Stop operation	Stop operation Storage centre
Nil	Nil	2	Nil

## Selling Wing

Cancellation	Suspension	Surrender	Show cause
16	67	29	381



## **Chapter – IX**

### **RCH AND FAMILY WELFARE PROGRAMME**

---

---





**Table IX.1: Family Welfare Service Units in West Bengal as on 31.12.2011**

Category	Number
1. District Family Welfare Bureau	19
2. Post-Partum Unit:	
a) Government	78
b) Voluntary	2
3. Urban Family Welfare Centre	135
4. Rural Family Welfare Centre:	
a) FW Centre	335
b) Sub-Centre	10356

**N.B.** Besides, a large no. of Non Govt. Organizations are also functioning under MNGO-FNGO scheme - RCH-II

**Table IX.2 : Family Welfare Performance in West Bengal**

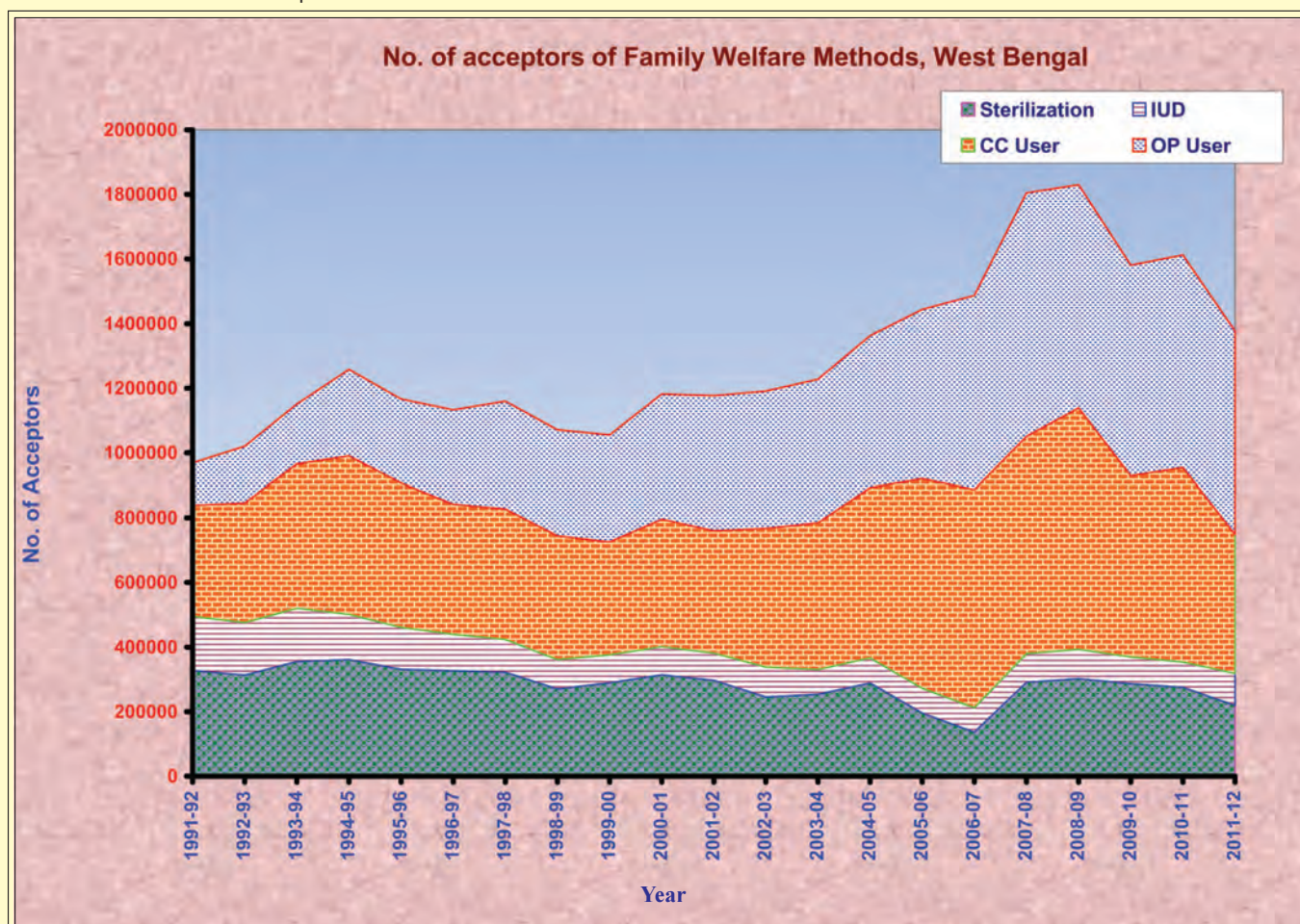
Year	Method	Target / ELA	Achievement	% Achieved
<b>2001-02</b>	Sterilisation	364352	296969	81.51
	IUD	113398	83957	74.04
	CC User	535299	378859	70.78
	OP User	489022	416853	85.24
<b>2002-03</b>	Sterilisation	399332	245258	61.42
	IUD	119191	92624	77.71
	CC User	457306	429167	93.85
	OP User	522128	423627	81.13
<b>2003-04</b>	Sterilisation	363846	253880	69.78
	IUD	112356	76635	68.21
	CC User	555130	454016	81.79
	OP User	559240	442889	79.19
<b>2004-05</b>	Sterilisation	359877	288951	80.29
	IUD	106121	77377	72.91
	CC User	507141	526593	103.84
	OP User	527840	469348	88.92
<b>2005-06</b>	Sterilisation	353019	195359	55.34
	IUD	101145	76820	75.95
	CC User	617846	647852	104.86
	OP User	545738	523908	96.00
<b>2006-07</b>	Sterilisation	332335	136757	41.15
	IUD	102244	74842	73.20
	CC User	783481	674866	86.14
	OP User	728660	600167	82.37
<b>2007-08</b>	Sterilisation	342178	290584	84.92
	IUD	98734	89350	90.50
	CC User	932932	753479	80.76
	OP User	707481	671064	94.85

Contd...

**Table IX.2 : Family Welfare Performance in West Bengal - conclud.**

Year	Method	Target / ELA	Achievement	%Achieved
2008-09	Sterilisation	404485	301992	74.70
	IUD	204718	90721	44.30
	CC User	889030	745815	83.90
	OP User	759170	691763	91.10
2009-10	Sterilisation	371557	286674	77.15
	IUD	94669	82156	86.78
	CC User	778969	560360	71.94
	OP User	712020	651373	91.48
2010-11	Sterilisation	378489	274878	72.63
	IUD	96080	78803	82.02
	CC User	758769	601149	79.23
	OP User	776047	657330	84.70
2011-12	Sterilisation	369367	219421	59.40
	IUD	106469	98980	92.97
	CC User	706513	430515	60.94
	OP User	776047	627723	80.89

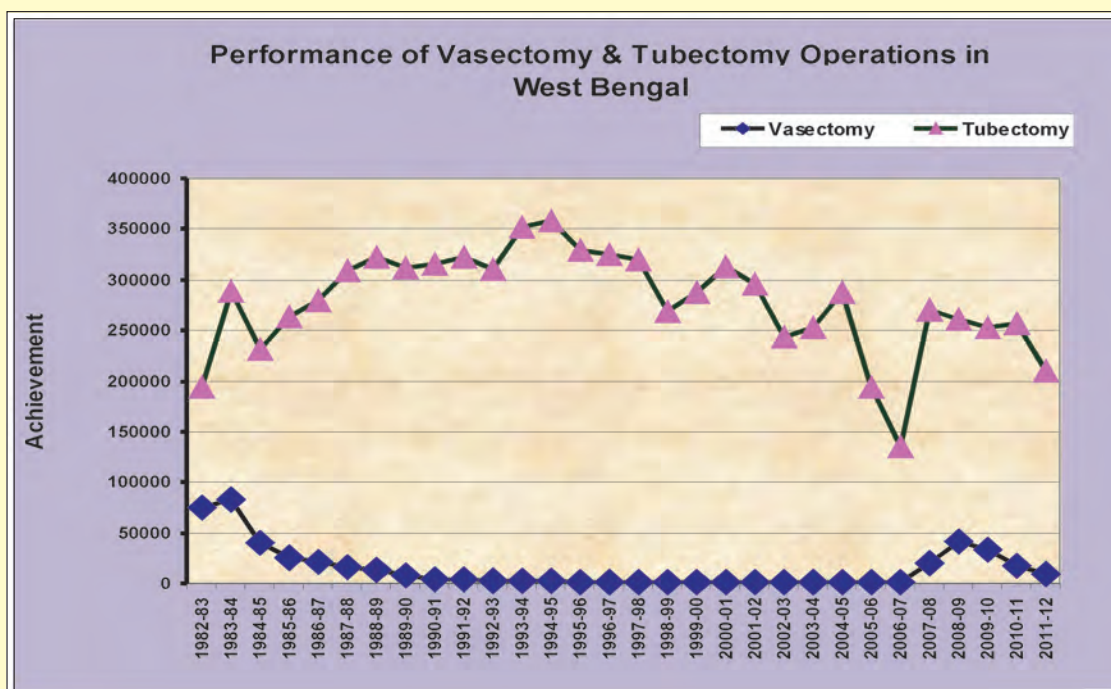
ELA: Expected level of achievement.



**Table IX.3 : Achievement in Family Welfare Programme in West Bengal**  
**A. Sterilisation**

Year	Target / ELA	Male	Female	Total	% of Target / ELA achieved
1961	-	1989	1658	3647	-
1962	-	2668	2086	4754	-
1963	-	3110	2394	5504	-
1964	-	4647	2496	7143	-
1965-66	-	12402	4272	16674	-
1966-67	40000	21175	10561	31736	79.34
1967-68	128600	211406	15326	226732	176.31
1968-69	257260	164091	8111	172202	66.94
1969-70	246800	74979	9687	84666	34.31
1970-71	272300	63764	10184	73948	27.16
1971-72	107100	60166	14140	74306	69.38
1972-73	458700	213243	14367	227610	49.62
1973-74	150000	9253	18292	27545	18.36
1974-75	158400	16530	39887	56417	35.62
1975-76	196100	112180	94244	206424	105.26
1976-77	392500	731070	151512	882582	224.86
1977-78	-	3588	32239	35827	-
1978-79	327500	10591	56920	67511	20.61
1979-80	221000	61742	94062	155804	70.50
1980-81	230000	81255	128685	209940	91.28
1981-82	230000	66148	151181	217329	94.49
1982-83	357000	75161	194386	269547	75.50
1983-84	488000	82287	288723	371010	76.03
1984-85	488000	40426	231189	271615	55.66
1985-86	450000	25398	263442	288840	64.19
1986-87	500000	21212	279959	301171	60.23
1987-88	500000	16211	308364	324575	64.92
1988-89	437000	13293	322580	335873	76.86
1989-90	450000	8515	311697	320212	71.16
1990-91	500000	4668	315812	320480	64.10
1991-92	400000	4414	322701	327115	81.78
1992-93	400000	3163	309796	312959	78.24
1993-94	400000	3102	351807	354909	88.73
1994-95	400000	2046	359145	361191	90.30
1995-96	440000	1754	329306	331060	75.24
1996-97	-	1321	325077	326398	-
1997-98	-	1677	320292	321969	-
1998-99	-	1173	268688	269861	-
1999-00	-	1338	287738	289076	-
2000-01	343864	1209	312608	313817	91.26
2001-02	364352	1532	295437	296969	81.51
2002-03	399332	1873	243385	245258	61.42
2003-04	363846	1126	252754	253880	69.78
2004-05	359877	1519	287432	288951	80.29
2005-06	353019	824	194535	195359	55.34
2006-07	332335	1828	134929	136757	41.15
2007-08	342178	20718	269866	290584	84.92
2008-09	404485	41064	260928	301992	74.70
2009-10	371557	33860	252814	286674	77.15
2010-11	378489	17921	256957	274878	72.63
2011-12	369367	10025	209396	219421	59.40

ELA: Expected level of achievement



**Table IX.3 : Achievement in Family Welfare Programme in West Bengal - contd.**

**B (i). TECHNIQUE-WISE BREAK-UP OF TUBECTOMY OPERATION**

Year	Technique		Technique-wise break-up not available	Total
	Laparoscopy	Abdominal Tubectomy		
1986-87	104535	165637	9787	279959
1987-88	119845	175043	13476	308364
1988-89	126939	188026	7615	322580
1989-90	123470	184867	3360	311697
1990-91	108050	174447	33315	315812
1991-92	117790	186929	17982	322701
1992-93	104343	193433	12020	309796
1993-94	142258	203795	5754	351807
1994-95	151292	202611	5242	359145
1995-96	134257	190085	4964	329306
1996-97	122864	178939	23274	325077
1997-98	119557	190444	10291	320292
1998-99	110411	151535	6742	268688
1999-00	93740	138232	55766	287738
2000-01	136522	164032	12054	312608
2001-02	98354	138213	58870	295437
2002-03	79904	128707	34774	243385
2003-04	80896	152957	18901	252754
2004-05	110654	176372	406	287432
2005-06	78863	115672	0	194535
2006-07	30695	104234	0	134929
2007-08	56945	212921	0	269866
2008-09	39358	221570	0	260928
2009-10	43517	209297	0	252814
2010-11	37910	219047	0	256957
2011-12	30340	179056	0	209396



**Table IX.3 : Achievement in Family Welfare Programme in West Bengal - contd.**

**B (ii). TECHNIQUE-WISE BREAK-UP OF VASECTOMY OPERATION**

Year	Technique		Technique wise break-up not available	Total Vasectomy
	Conventional Vasectomy	No Scalpel Vasectomy		
2005-06	35	789	0	824
2006-07	86	1742	0	1828
2007-08	130	20588	0	20718
2008-09	169	40895	0	41064
2009-10	0	33860	0	33860
2010-11	0	17921	0	17921
2011-12	0	10025	0	10025

**C. IUD**

Year	Target / ELA	Cu -T	Loop	Total	% of Target / ELA achieved
1970-71	59600	0	9482	9482	15.91
1971-72	9400	0	9269	9269	98.61
1972-73	27500	0	9493	9493	34.52
1973-74	12000	0	7472	7472	62.27
1974-75	19800	0	13639	13639	68.88
1975-76	37200	0	22859	22859	61.45
1976-77	39500	0	27686	27686	70.09
1977-78	77300	0	7124	7124	9.22
1978-79	49300	2308	8378	10686	21.68
1979-80	67000	15086	6329	21415	31.96
1980-81	35000	22237	8796	31033	88.67
1981-82	35000	26298	5576	31874	91.07
1982-83	65000	37359	1738	39097	60.15
1983-84	108000	44601	372	44973	41.64
1984-85	108000	45912	209	46121	42.70
1985-86	108000	61677	77	61754	57.18
1986-87	115000	75473	0	75473	65.63
1987-88	115000	94994	0	94994	82.60
1988-89	168000	116864	0	116864	69.56
1989-90	175000	131126	0	131126	74.93
1990-91	225000	140226	0	140226	62.32
1991-92	300000	168186	0	168186	56.06
1992-93	325000	162713	0	162713	50.07
1993-94	325000	164677	0	164677	50.67
1994-95	350000	140002	0	140002	40.00
1995-96	396300	129544	0	129544	32.69
1996-97	-	113053	0	113053	-
1997-98	-	101711	0	101711	-
1998-99	-	90960	0	90960	-
1999-00	-	86918	0	86918	-
2000-01	186888	87736	0	87736	46.95
2001-02	113398	83957	0	83957	74.04
2002-03	119191	92624	0	92624	77.71
2003-04	112356	76635	0	76635	68.21
2004-05	106121	77377	0	77377	72.91
2005-06	101145	76820	0	76820	75.95
2006-07	102244	74842	0	74842	73.20
2007-08	98734	89350	0	89350	90.50
2008-09	204718	90721	0	90721	44.30
2009-10	94669	82156	0	82156	86.78
2010-11	96080	78803	0	78803	82.02
2011-12	106469	98980	0	98980	92.97

ELA: Expected level of achievement

**Table IX.3 : Achievement in Family Welfare Programme in West Bengal - contd.**

**D. CONVENTIONAL CONTRACEPTIVE USERS**

Year	Target / ELA	Distribution of				CC users	% of Target / ELA achieved
		Nirodh	Jelly	Dia-phragm	Foam Tablets		
1972-73	170000	5605056	43959	64	151838	86269	50.75
1973-74	100000	3824463	27941	44	127314	58899	58.90
1974-75	149800	4362397	19310	22	30572	63783	42.58
1975-76	194000	15935131	3319	14	15104	222012	114.44
1976-77	214000	16455181	345	7	564	228605	106.82
1977-78	241400	5369385	68	6	0	74588	30.90
1978-79	166000	5905963	9	6	0	82032	49.42
1979-80	118300	7237779	46	108	0	100585	85.03
1980-81	189000	6569267	51	0	0	91247	48.28
1981-82	189600	7811234	0	0	0	108489	57.22
1982-83	209000	9480137	148	0	0	131690	63.01
1983-84	256000	9616378	47	0	0	133568	52.18
1984-85	256000	8024816	12	0	0	111457	43.54
1985-86	260000	10058796	0	0	0	139706	53.73
1986-87	200000	11094942	0	0	0	154096	77.05
1987-88	250000	14236699	0	0	0	197732	79.09
1988-89	412000	18177853	0	0	0	252470	61.28
1989-90	425000	23029929	0	0	0	319860	75.26
1990-91	418700	22751096	0	0	0	315987	75.47
1991-92	400000	24663721	0	0	0	342552	85.64
1992-93	450000	26655353	0	0	0	370213	82.27
1993-94	573000	32119059	0	0	0	446098	77.85
1994-95	659000	35218058	0	0	0	489140	74.22
1995-96	-	32141312	0	0	0	446407	-
1996-97	-	28970154	0	0	0	402363	-
1997-98	-	29013668	0	0	0	402968	-
1998-99	-	27626319	0	0	0	383421	-
1999-00	-	25146442	0	0	0	349256	-
2000-01	581946	28363773	0	0	0	393941	67.69
2001-02	535299	27277847	0	0	0	378859	70.78
2002-03	457306	30900046	0	0	0	429167	93.85
2003-04	555130	32689078	0	0	0	454016	81.79
2004-05	507141	37914680	0	0	0	526593	103.84
2005-06	617846	46645369	0	0	0	647852	104.86
2006-07	783481	48590324	0	0	0	674866	86.14
2007-08	932932	54250516	0	0	0	753479	80.76
2008-09	889030	53698661	0	0	0	745815	83.90
2009-10	778969	40345953	0	0	0	560360	71.94
2010-11	758769	43282740	0	0	0	601149	79.23
2011-12	706513	30997093	0	0	0	430515	60.94

ELA: Expected level of achievement

**Table IX.3 : Achievement in Family Welfare Programme in West Bengal - conclud.**

## E. ORAL PILL USERS

Year	Target / ELA	Number of cycles distributed	No. of OP Users	% of Target / ELA achieved
1979-80	38000	82888	6376	16.78
1980-81	30000	89405	6877	22.92
1981-82	38300	86986	6691	17.47
1982-83	39000	110012	8462	21.70
1983-84	96000	228451	17573	18.31
1984-85	81000	322747	24827	30.65
1985-86	82000	224395	17261	21.05
1986-87	46500	1105021	85002	182.80
1987-88	37600	1054098	81084	215.65
1988-89	44700	1086432	83572	186.96
1989-90	100000	1296109	99700	99.70
1990-91	124600	1440605	110816	88.94
1991-92	175000	1703577	131044	74.88
1992-93	244000	2262738	174057	71.33
1993-94	275000	2401312	184716	67.17
1994-95	298000	3476439	267418	89.74
1995-96	337400	3369534	259195	76.82
1996-97	-	3780219	290786	-
1997-98	-	4324295	332638	-
1998-99	-	4242460	326343	-
1999-00	-	4291441	330111	-
2000-01	565801	5027410	386724	68.35
2001-02	489022	5419084	416853	85.24
2002-03	522128	5507129	423627	81.13
2003-04	559240	5757553	442889	79.19
2004-05	527840	6101523	469348	88.92
2005-06	545738	6810806	523908	96.00
2006-07	728660	7802165	600167	82.37
2007-08	707481	8723826	671064	94.85
2008-09	759170	8992914	691763	91.10
2009-10	712020	8467843	651373	91.48
2010-11	776047	8545296	657330	84.70
2011-12	776047	8160398	627723	80.89

## F. MEDICAL TERMINATION OF PREGNANCY (MTP)

Year	Number of MTP
1976-1977	19436
1977-1978	13778
1978-1979	19180
1979-1980	25472
1980-1981	20293
1981-1982	31225
1982-1983	33904
1983-1984	39802
1984-1985	34458
1985-1986	38567
1986-1987	43699
1987-1988	41112
1988-1989	37930
1989-1990	50564
1990-1991	41054
1991-1992	55673
1992-1993	36803
1993-1994	64273
1994-1995	50687
1995-1996	51926
1996-1997	48635
1997-1998	41229
1998-1999	40800
1999-2000	36354
2000-2001	32479
2001-2002	42941
2002-2003	42154
2003-2004	44310
2004-2005	43635
2005-2006	45632
2006-2007	47005
2007-2008	46753
2008-2009	50287
2009-2010	58916
2010-2011	58774
2011-2012	41572

ELA: Expected level of achievement

Table IX.4 : Progress of Sterilisation Programme by Districts of West Bengal

District	2008-2009			2009-2010			2010-2011			2011-2012		
	Vasectomy	Tubectomy	Total	Vasectomy	Tubectomy	Total	Vasectomy	Tubectomy	Total	Vasectomy	Tubectomy	Total
Koch Bihar	1442	13158	14600	1846	17333	19179	648	15805	16453	292	12166	12458
Jalpaiguri	5156	5443	10599	4467	4744	9211	2426	7625	10051	968	7665	8633
Darjiling	929	3806	4735	373	3638	4011	235	2909	3144	64	3380	3444
Malda	1272	12972	14244	423	11210	11633	134	8680	8814	111	9556	9667
Uttar Dinaipur	506	8286	8792	533	8067	8600	122	5967	6089	22	3333	3355
Dakshin Dinaipur	737	3898	4635	464	4069	4533	134	4918	5052	70	4505	4575
Murshidabad	2011	31906	33917	2068	32947	35015	485	28730	29215	255	25053	25308
Nadia	1288	15525	16813	929	11654	12583	354	12572	12926	337	11247	11584
North 24 - Parganas	1831	15561	17392	1187	16925	18112	899	13231	14130	235	10753	10988
South 24 - Parganas	3474	3684	7158	2566	5807	8373	679	6617	7296	432	6860	7292
Kolkata	4862	12047	16909	5413	11229	16642	3965	16986	20951	3150	18107	21257
Haora	5184	7120	12304	2935	11230	14165	1858	9097	10955	279	5445	5724
Hugli	1366	13981	15347	1088	13900	14988	1048	16822	17870	373	11682	12055
Bardhaman	2644	30487	33131	3077	24808	27885	1574	30753	32327	345	12781	13126
Birbhum	1436	19537	20973	655	17247	17902	446	15650	16096	367	15248	15615
Bankura	2537	14308	16845	2550	15268	17818	1119	16135	17254	1739	12088	13827
Puruliya	1387	9175	10562	738	9082	9820	229	10374	10603	121	9380	9501
Paschim Medinipur	1868	24386	26254	1641	22026	23667	1281	23263	24544	494	20158	20652
Purba Medinipur	1134	15648	16782	907	11630	12537	285	10823	11108	371	9989	10360
<b>West Bengal</b>	<b>41064</b>	<b>260928</b>	<b>301992</b>	<b>33860</b>	<b>252814</b>	<b>286674</b>	<b>17921</b>	<b>256957</b>	<b>274878</b>	<b>10025</b>	<b>209396</b>	<b>219421</b>



**Table IX.5 : Progress of IUD Programme by Districts of West Bengal**

District	Achievement			
	2008-2009	2009-2010	2010-2011	2011-2012
Koch Bihar	6075	5251	4861	5216
Jalpaiguri	6119	3571	4327	6187
Darjiling	2219	1628	1545	1653
Malda	3381	3490	2565	2850
Uttar Dinajpur	1971	2036	1772	911
Dakshin Dinajpur	1680	1385	1353	1667
Murshidabad	6303	6690	4658	5491
Nadia	5486	4394	4305	6425
North 24 - Parganas	5727	7261	6174	9833
South 24 - Parganas	6459	5867	4964	7964
Kolkata	4898	3895	4098	5858
Haora	3440	2877	3412	4098
Hugli	5362	5004	5483	6852
Barddhaman	7829	7029	7020	6761
Birbhum	3093	2564	1975	2105
Bankura	2303	2432	2771	3747
Puruliya	7719	6527	7668	7446
Paschim Medinipur	4251	4625	5069	6118
Purba Medinipur	6406	5630	4783	7798
<b>West Bengal</b>	<b>90721</b>	<b>82156</b>	<b>78803</b>	<b>98980</b>

**Table IX.6 : Number of Conventional Contraceptive Users of West Bengal**

District	CC users			
	2008-2009	2009-2010	2010-2011	2011-2012
Koch Bihar	57187	44080	40810	30774
Jalpaiguri	22082	14739	11170	11912
Darjiling	7221	5630	6907	10855
Malda	22030	17115	16891	13522
Uttar Dinajpur	17037	15885	17708	13596
Dakshin Dinajpur	16437	13032	23391	13697
Murshidabad	58435	30303	33968	21839
Nadia	53337	25878	29772	18959
North 24 - Parganas	76232	45642	82872	24629
South 24 -Parganas	68300	28692	33749	26509
Kolkata	19453	37237	17442	21123
Haora	43611	28753	32761	30468
Hugli	36742	26334	35692	19118
Barddhaman	53876	46436	44725	34553
Birbhum	38044	31037	31346	21287
Bankura	36953	42823	41407	36496
Puruliya	39661	37780	39325	27279
Paschim Medinipur	39589	34656	25016	20693
Purba Medinipur	39588	34308	36197	33209
<b>West Bengal</b>	<b>745815</b>	<b>560360</b>	<b>601149</b>	<b>430515</b>

**Table IX.7: Number of Oral Pill Users of West Bengal**

District	OP users			
	2008-2009	2009-2010	2010-2011	2011-2012
Koch Bihar	56149	37467	37443	36070
Jalpaiguri	17047	16147	12809	14680
Darjiling	4379	3226	3607	4869
Malda	19011	20206	18018	16045
Uttar Dinajpur	13775	13727	14130	12025
Dakshin Dinajpur	12903	13709	15950	18164
Murshidabad	44593	45369	44889	41556
Nadia	40244	40065	42085	41191
North 24 - Parganas	70268	74829	76913	52137
South 24 - Parganas	109745	68518	59843	55547
Kolkata	12489	12920	9317	10126
Haora	54356	54294	54245	53872
Hugli	37965	38352	38245	35178
Barddhaman	41993	46079	55203	45772
Birbhum	40264	39298	37696	37214
Bankura	37510	44147	49617	54822
Puruliya	20534	24148	25331	25439
Paschim Medinipur	28424	25971	25224	28731
Purba Medinipur	30114	32901	36764	44283
<b>West Bengal</b>	<b>691763</b>	<b>651373</b>	<b>657330</b>	<b>627723</b>

**Table IX.8 : Number of Medical Termination of Pregnancy (MTP) by Districts of West Bengal**

District	Number of MTP				
	2007-2008	2008-2009	2009-2010	2010-2011	2011-2012
Koch Bihar	960	798	913	644	377
Jalpaiguri	5127	2791	2795	2420	1041
Darjiling	664	911	659	829	583
Malda	1363	1167	2112	2020	1679
Uttar Dinajpur	752	1060	741	1063	64
Dakshin Dinajpur	945	1370	1640	2931	942
Murshidabad	592	766	1364	1926	1640
Nadia	4994	8440	6956	6836	7104
North 24 - Parganas	1958	4481	6683	4458	2389
South 24 - Parganas	1039	975	1193	2233	808
Kolkata	14099	9747	14453	14949	15522
Haora	4379	5198	4514	4492	4451
Hugli	1109	1860	2029	1436	905
Barddhaman	4636	6253	8313	6947	300
Birbhum	45	50	185	82	68
Bankura	103	120	292	327	93
Puruliya	2173	1970	1891	2296	2712
Paschim Medinipur	1186	1238	1375	1637	432
Purba Medinipur	629	1092	808	1248	462
<b>West Bengal</b>	<b>46753</b>	<b>50287</b>	<b>58916</b>	<b>58774</b>	<b>41572</b>

**Table IX.9 : Performance in Universal Immunization Programme in West Bengal**

Year	Method	Estimated number of pregnant women / infants	Achievement	% Achieved
2001-2002	TT(PW)	1886427	1668396	88.44
	DPT	1708365	1687953	98.81
	Polio	1708365	1697922	99.39
	BCG	1708365	1845802	108.04
	Measles	1708365	1633552	95.62
2002-2003	TT(PW)	1863000	1557094	83.58
	DPT	1606000	1572646	97.92
	Polio	1606000	1583259	98.58
	BCG	1606000	1781656	110.94
	Measles	1606000	1545399	96.23
2003-2004	TT(PW)	1879929	1421388	75.61
	DPT	1688025	1549157	91.77
	Polio	1688025	1554285	92.08
	BCG	1688025	1772284	104.99
	Measles	1688025	1274284	75.49
2004-2005	TT(PW)	1895069	1481285	78.17
	DPT	1757337	1533887	87.28
	Polio	1757337	1556175	88.55
	BCG	1757337	1784424	101.54
	Measles	1757337	1503905	85.58
2005-2006	TT(PW)	1907944	1512125	79.25
	DPT	1728751	1621658	93.81
	Polio	1728751	1605785	92.89
	BCG	1728751	1855722	107.34
	Measles	1728751	1520463	87.95
2006-2007	TT(PW)	1900029	1572581	82.77
	DPT	1735923	1588878	91.53
	Polio	1735923	1600286	92.19
	BCG	1735923	1859365	107.11
	Measles	1735923	1522628	87.71
2007-2008	TT(PW)	1979750	1560803	78.84
	DPT	1799464	1573700	87.45
	Polio	1799464	1524566	84.72
	BCG	1799464	1804918	100.30
	Measles	1799464	1539610	85.56
2008-2009	TT(PW)	1920679	1492925	77.73
	DPT	1737187	1192106	68.62
	Polio	1737187	1415432	81.48
	BCG	1737187	1698653	97.78
	Measles	1737187	1401356	80.67
2009-2010	TT(PW)	1921247	1502713	78.22
	DPT	1739780	1678522	96.48
	Polio	1739780	1600142	91.97
	BCG	1739780	1719572	98.84
	Measles	1739780	1552782	89.25
2010-2011	TT(PW)	1803513	1526529	84.64
	DPT	1704030	1468044	86.15
	Polio	1704030	1462452	85.82
	BCG	1704030	1654042	97.07
	Measles	1704030	1423533	83.54
2011-2012	TT(PW)	1806705	1515740	83.90
	DPT	1638547	1435858	87.63
	Polio	1638547	1292277	78.87
	BCG	1638547	1631634	99.58
	Measles	1638547	1389237	84.78

Table IX.10: Achievement of Universal Immunization Programme by Districts of West Bengal

District	TT (PW)		DPT		Polio		BCG		MEASLES	
	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012	2010-2011	2011-2012
Koch Bihar	53377	50990	52045	44994	51630	45513	58466	53191	50633	50383
Jalpaiguri	63208	66904	60845	62373	61221	54630	67268	65898	59212	60379
Darjiling	27483	26037	30567	30722	30584	27496	40418	44194	31621	31336
Malda	90788	93384	80882	89443	79611	82053	91596	97097	77478	90516
Uttar Dinajpur	62549	60602	57119	57310	56612	54922	69807	64609	56799	55113
Dakshin Dinajpur	31154	30512	28856	27345	27832	25420	30753	29986	26802	26978
Murshidabad	154651	159430	142174	139592	139211	137309	153153	153916	137276	136132
Nadia	82156	82124	79524	76771	78857	61525	79987	78030	75519	73888
North 24-Parganas	136574	125701	141296	115939	141342	110658	144168	126446	140071	111241
South 24-Parganas	139878	137764	130193	131151	129914	108681	137010	136442	124691	127818
Kolkata	44809	45752	45794	45276	45182	40302	83904	91827	47058	47722
Haora	73821	76181	67273	65735	66704	62448	76618	77385	64563	59405
Hugli	81770	68600	77715	64296	77804	62236	90289	72026	74750	62479
Bardhaman	115282	112382	117718	115943	118878	95559	142185	140258	113136	105581
Birbhum	67576	67541	63245	64167	62277	56746	76200	74292	60867	58815
Bankura	61891	66682	59908	66568	58947	60221	65954	73640	57640	62931
Puruliya	62480	60811	57806	57454	57856	51239	56745	58743	54500	54076
Paschim Medinipur	92121	96285	93338	94578	94745	85140	98888	101859	90270	92264
Purba Medinipur	84961	88058	81746	86201	83245	70179	90633	91795	80647	82180
<b>West Bengal</b>	<b>1526529</b>	<b>1515740</b>	<b>1468044</b>	<b>1435858</b>	<b>1462452</b>	<b>1292277</b>	<b>1654042</b>	<b>1631634</b>	<b>1423533</b>	<b>1389237</b>

**Table IX.11: Achievement of Folifer (Mother) & Vit 'A' in oil in West Bengal**

Year	Categories	Target	Achievement	% of achieved
<b>1997 - 98</b>	Folifer (Mother)	-	1492337	-
	Folifer (Children)	-	1008099	-
	Vit A in oil	-	1587916	-
<b>1998 - 99</b>	Folifer (Mother)	-	1039838	-
	Folifer (Children)	-	688601	-
	Vit A in oil	-	1453038	-
<b>1999 - 00</b>	Folifer (Mother)	-	1430064	-
	Folifer (Children)	-	850962	-
	Vit A in oil	-	1781065	-
<b>2000 - 01</b>	Folifer (Mother)	1734011	1831625	105.63
	Folifer (Children)	1540729	1334819	86.64
	Vit A in oil	1864904	2175649	116.66
<b>2001-02</b>	Folifer (Mother)	1242016	1636460	131.76
	Folifer (Children)	1492654	1174680	78.70
	Vit A in oil	3321712	2252267	67.80
<b>2002-03</b>	Folifer (Mother)	1948818	1393141	71.49
	Folifer (Children)	2298857	1135192	49.38
	Vit A in oil	2889121	2158546	74.71
<b>2003-04</b>	Folifer (Mother)	1374448	1292208	94.02
	Folifer (Children)	2976320	1062522	35.70
	Vit A in oil	3149110	1760911	55.92
<b>2004-05</b>	Folifer (Mother)	1895069	1333086	70.34
	Folifer (Children)	2930126	1358733	46.37
	Vit A in oil	2833367	2253771	79.54
<b>2005-06</b>	Folifer (Mother)	1907944	1481520	77.65
	Folifer (Children)	2732136	1771884	64.85
	Vit A in oil	3235011	2512284	77.66
<b>2006-07</b>	Folifer (Mother)	1900029	1120597	58.98
	Folifer (Children)	2791975	917018	32.84
	Vit A in oil	3330992	2663475	79.96
<b>2007-08</b>	Folifer (Mother)	1979750	1384850	69.95
	Vit A in oil	4083454	3026665	74.12
<b>2008-09</b>	Folifer (Mother)	1920679	1159738	60.38
	Vit A in oil 1st.dose	1720284	1406485	81.76
	Vit A in oil 2nd. to 5th.dose	5404112	4284440	79.28
<b>2009-10</b>	Folifer (Mother)	1921247	1619693	84.30
	Vit A in oil 1st.dose	1739780	1498306	86.12
	Vit A in oil 5th.dose	1712542	1188822	69.42
	Vit A in oil 9th.dose	166611	232436	139.51
<b>2010-11</b>	Folifer (Mother)	1803513	1467454	81.37
	Vit A in oil 1st.dose	1704030	1403810	82.38
	Vit A in oil 5th.dose	1645675	1369754	83.23
	Vit A in oil 9th.dose	1645675	570135	34.64
<b>2011-12</b>	Folifer (Mother)	1806705	1356496	75.08
	Vit A in oil 1st.dose	1638547	829175	50.60
	Vit A in oil 5th.dose	1565205	808406	51.65
	Vit A in oil 9th.dose	1449496	347112	23.95

**Table IX.12 : District-wise Performance of Folifer (Mother) & Vit 'A' in oil in West Bengal**

District	Folifer (mother)		Performance of Vit A in oil					
	2010-2011	2011-2012	2010-2011			2011-2012		
			1st Dose	5th Dose	9th Dose	1st Dose	5th Dose	9th Dose
Koch Bihar	53148	49363	49552	59394	38841	38249	36355	20176
Jalpaiguri	53601	51932	59703	88923	36890	39547	53128	21018
Darjiling	60067	19698	22522	23854	6546	20212	34364	14563
Malda	69425	70786	75474	65455	30314	64731	48886	20501
Uttar Dinajpur	66797	35605	56784	50529	24897	41609	41995	20173
Dakshin Dinajpur	34416	31048	26746	28191	14562	21745	23445	10145
Murshidabad	120500	126378	138387	116543	54371	80456	66432	29984
Nadia	69414	72122	76217	83306	26601	53223	44472	15080
North 24-Parganas	167068	117744	134154	131990	56704	64813	75437	33544
South 24-Parganas	145223	132958	127617	154365	60900	83647	84084	33065
Kolkata	61130	54405	47450	39918	11217	18003	8996	2712
Haora	80680	54361	63212	78758	28233	30484	37160	14222
Hugli	89190	66546	73061	59095	18965	31344	37106	18050
Barddhaman	97395	183033	107421	70934	22503	45047	43225	16487
Birbhum	56148	50312	63620	36684	15451	30801	14842	5855
Bankura	48332	43468	58066	44029	11873	27550	20504	6426
Puruliya	66408	55853	54687	54559	33980	31143	25731	16570
Paschim Medinipur	67423	83494	89842	99419	42066	48986	54579	26348
Purba Medinipur	61089	57390	79295	83808	35221	57585	57665	22193
<b>West Bengal</b>	<b>1467454</b>	<b>1356496</b>	<b>1403810</b>	<b>1369754</b>	<b>570135</b>	<b>829175</b>	<b>808406</b>	<b>347112</b>

**Table IX.13 :Status of Implementation of Ayushmati Scheme, West Bengal**

Sl. No.	District	No. of cases dealt 2010-11					No. of cases dealt 2011-12				
		Target During 2010-11	No. of accredited Pvt. Unit	Normal (Delivery)	Caesarean (Delivery)	Total	Target during 2011-12	No. of accredited Pvt. Unit	Normal (Delivery)	Caesarean (Delivery)	Total
1	Koch Bihar	900	1	678	74	752	1200	1	897	133	1030
2	Jalpaiguri	50	2	125	64	189	500	2	93	30	123
16	Darjiling	150	2	79	0	79	50	2	8	11	19
9	Malda	50	5	3	5	8	50	5	0	0	0
7	Uttar Dinajpur	50	3	538	0	538	500	3	894	0	894
8	Dakshin Dinajpur	150	2	9	3	12	50	2	0	0	0
5	Murshidabad	1800	10	2607	2331	4938	4000	10	4751	3779	8530
4	Nadia	50	1	5	2	7	50	1	2	2	4
15	North 24-Parganas	1000	10	79	276	355	300	14	67	390	457
12	South 24-Parganas	1700	15	4455	1040	5495	7200	15	6987	1344	8331
17	Haora	200	2	960	338	1298	1200	2	1017	413	1430
13	Hughli	800	32	628	975	1603	1200	32	901	1949	2850
10	Burddhaman	800	9	664	125	789	1000	9	595	178	773
18	Birbhum	300	3	460	150	610	800	3	512	500	1012
6	Bankura	1700	5	1499	316	1815	2000	5	1806	327	2133
14	Puruliya	50	1	0	0	0	50	1	14	3	17
3	Paschim Medinipur	3500	10	2202	490	2692	4000	10	2413	449	2862
11	Purba Medinipur	400	18	40	26	66	400	18	54	55	109
19	Maternity Home (SUDA)	0	0	0	0	0	0	0	351	0	351
<b>Total</b>		<b>13650</b>	<b>131</b>	<b>15031</b>	<b>6215</b>	<b>21246</b>	<b>24550</b>	<b>135</b>	<b>21362</b>	<b>9563</b>	<b>30925</b>

**Table IX.14 : Number of JSY Beneficiaries in West Bengal**

Sl. No.	District	2009-10	2010-11	2011-12	% change of beneficiaries as compared to 2010-11
1	Koch Bihar	30483	31201	35507	13.80
2	Jalpaijuri	36483	42152	44653	5.93
3	Darjiling	8845	7318	7748	5.88
4	Malda	45898	42989	32469	-24.47
5	Uttar Dinajpur	27777	36320	34758	-4.30
6	Dakshin Dinajpur	16406	15786	18906	19.76
7	Murshidabad	53069	101379	82052	-19.06
8	Nadia	31846	41215	24754	-39.94
9	North 24-Parganas	39154	31400	32418	3.24
10	South 24-Parganas	85935	75969	90140	18.65
11	Haora	25426	26553	28558	7.55
12	Hugli	27821	31414	38494	22.54
13	Barddhaman	41895	52090	57128	9.67
14	Birbhum	39938	40958	43590	6.43
15	Bankura	35096	33069	37364	12.99
16	Puruliya	33730	35737	32522	-9.00
17	Paschim Medinipur	43537	51582	51684	0.20
18	Purba Medinipur	43383	41498	43370	4.51
19	SUDA* Urban JSY	58082	42538	51489	21.04
<b>Total</b>		<b>724804</b>	<b>781168</b>	<b>787604</b>	<b>0.82</b>

**Table IX.15 : Number of Institutional Delivery under JSY in West Bengal**

Sl. No.	District	No.of Institutional Delivery		
		2009-10	2010-11	2011-12
1	Koch Bihar	17362	19636	20837
2	Jalpaijuri	23362	24438	27465
3	Darjiling	5071	8042	7853
4	Malda	16926	21408	20838
5	Uttar Dinajpur	11643	12871	14563
6	Dakshin Dinajpur	7378	8982	11029
7	Murshidabad	27839	32101	40727
8	Nadia	28554	26780	22797
9	North 24-Parganas	19684	15332	14127
10	South 24-Parganas	17540	18574	31148
11	Kolkata	3437	15058	9643
12	Haora	12437	18630	14485
13	Hugli	18770	25619	20126
14	Barddhaman	17602	35971	26872
15	Birbhum	31608	21809	32849
16	Bankura	18122	23368	26009
17	Puruliya	20183	29751	25291
18	Paschim Medinipur	23336	19675	36727
19	Purba Medinipur	19732	3733	22501
20	SUDA* Urban JSY	24325	6609	724
<b>Total</b>		<b>364911</b>	<b>388387</b>	<b>426611</b>

\*Agency operating in Urban Region



**Table IX.16 : Performance Report on “RCH Plus Camp” in West Bengal**

Sl. No.	District	2011-2012							
		No. of camps planned	No. of Camps held	No. of cases treated / given services for					
				ANC	PNC	FP Methods	ARI	Diarrhoea	Others
1	Koch Bihar	2607	1789	1364	444	598	13868	14436	69702
2	Jalpaiguri	2850	2019	3418	1758	1273	17508	8635	47063
3	Darjiling (SMP)	856	638	3247	1303	949	7390	6323	12981
4	Malda	2322	1661	12601	7999	7698	18069	16710	67318
5	Uttar Dinajpur	876	773	7936	6605	1981	9919	12815	12680
6	Dakshin Dinajpur	1328	1141	2788	1805	1817	19166	12701	32117
7	Murshidabad	3974	3513	18183	7329	6204	51366	28470	284994
8	Nadia	3828	2766	23472	13996	1383	25334	19272	125354
9	North 24-parganas	3744	3286	19417	17487	5358	5674	10185	143957
10	South 24-parganas	6169	4135	17940	7058	10120	39936	23584	191228
11	Haora	2333	2175	7894	1271	1731	15815	9607	91149
12	Hugli	5145	3890	10812	5203	8072	32816	26362	117197
13	Bardhaman	5163	4510	17932	9379	23379	61351	26652	143357
14	Birbhum	332	2715	5767	4053	28045	16769	12976	77681
15	Bankura	5880	3248	9936	2364	3599	20621	15084	132043
16	Puruliya	3207	8997	4174	1206	8391	7794	5097	104700
17	Paschim Medinipur	9308	4787	14353	3780	1169	28586	21542	68352
18	Purba Medinipur	4273	3337	8256	3088	2319	12047	7899	87408
<b>Total</b>		<b>64195</b>	<b>55380</b>	<b>189490</b>	<b>96128</b>	<b>114086</b>	<b>404029</b>	<b>278350</b>	<b>1809281</b>



## Intensified Pulse Polio Immunization Programme in West Bengal

Table IX .17.1 : District - wise Polio Cases

District	Year														District Total
	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
S. 24-Pgs.	1	3	1	4	16	1	0	0	1	1	0	0	0	0	28
N. 24-Pgs.	2	0	0	1	3	0	0	0	0	0	0	0	0	0	6
Pu. Medinipur	1	2	0	1	2	0	0	0	0	0	0	0	0	0	6
Kolkata	2	2	0	3	1	0	0	0	0	0	0	0	0	0	8
Haora	2	0	0	2	1	0	0	0	0	1	0	0	1	0	7
Malda	1	0	0	2	1	0	0	0	0	0	0	0	0	0	4
Barddhaman	0	0	0	0	1	1	0	0	1	0	0	0	0	0	3
Hugli	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Ps. Medinipur	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
U. Dinajpur	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
Murshidabad	5	1	0	31	0	0	0	1	0	0	0	7	0	0	45
Birbhum	5	0	0	5	0	0	0	0	0	0	0	1	0	0	11
Jalpaiguri	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Nadia	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
<b>Total</b>	<b>21</b>	<b>8</b>	<b>1</b>	<b>49</b>	<b>28</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>8</b>	<b>1</b>	<b>0</b>	<b>123</b>

Table IX. 17.2 : Pulse Polio Immunisation during 2011 (January to November)

Round	No. of Districts covered	No. of children under 5 years immunised	% of children immunised
January,11 (NID)	19	9096609	95.92
January,11 (SNID)	11	4419573	96.93
February,11 & June, 11 (Mop Up)	8	2413135	84.00
February,11 (NID)	19	8996193	94.86
March,11 (SNID)	10	4187200	96.20
May,11 (SNID)	11	4400002	96.50
June,11 (SNID)	11	4360756	95.64
August,11 (SNID)	11	4437964	97.34
September,11 (SNID)	11	4427717	97.11
November,11 (SNID)	11	4464144	97.91

Table IX. 17.3 : Pulse Polio Immunisation during 2012 (January to November)

Round	No. of Districts covered	No. of children under 5 years immunised	% of children immunised
January,15 (SNID)	10	3553102	99.37
February,19 (NID)	19	8911253	96.79
March,18 (SNID)	11	4460218	99.37
April,22 (NID)	19	8931939	97.02
June,17 (SNID)	11	4458727	99.34
September'09 (SNID)	11	4459269	99.35
November'18 (SNID)	11	4543623	100.56

## Performance Report on Adolescent ( 10-19 years ) Health Programme during 2012

**Table IX.18.1 : Performance of ARSH (Adolescent Reproductive and Sexual Health) Programme for Adolescents (10-19 years) in West Bengal, 2012**

Item	Status
Total Establishment of Adolescent Friendly Health Clinics (AFHCs)	359
AFHCs District Hospital & Medical Colleges	18
AFHCs- Anwesha BPHC/CHC	341
Name for AFHCs in state	B.S. Medical College, Calcutta University, North Bengal University
Trained Medical Officers/Dy CMOH III, DPHNO, DPC	280
Trained Counsellors	237

**Table IX.18.2 : Performance of AFHCs (Anwesha at BPHC/RH and Adolescent Health Clinics at District Hospitals) in West Bengal during January to March, 2012**

Item	Male	Female	Total
Total number of STI syndromic cases	18241	94322	112563
Total number of counselling cases	1124654	2122032	3246686
Total condom provided	64111	36713	100824
Total sanitary napkins provided	-	2365	2365
Referral to ICTC	5321	7126	12447
Total HIV cases	46	361	407
Referral for MTP	-	1611	1611
Total cases of anaemia	-	49733	49733

**Table IX.18.3 : Weekly Iron-Folic Acid Supplementation (WIFS)**

Item	Status
Total Schools (Girls Schools – Government or Government Aided) covered from class VIII to XII for deworming and IFA supplementation	8954
Total eligible adolescent in 2012 under WIFS	17601880
Total students covered under WIFS	3776494
Total School Teachers trained	18230

Table IX.19 : DLHS - RCH Key Indicators (1998 - 1999), West Bengal

District	Percentage of girls married at age less than 18 Yrs	% of 3rd and higher order birth reported	CBR	% of eligible women / rural households visited by ANM / Health Worker during the last three months prior to survey	% of safe delivery	% of pregnant women who had TT twice	% of EC who are current users of FP method (Modern method)	% of children immunised (complete immunisation) [DPT-3, Polio-3, BCG, Measles]	% of babies below 2.5 Kg at birth	% of children who had Diarrhoea during last 2 months prior to survey	% of children who suffered from Pneumonia / Breathing Problem during last 2 months prior to survey	% of males having knowledge of AIDS
Koch Bihar	52.1	41.9	27.6	15.2	30.3	81.0	46.8	49.8	27.0	12.7	31.1	31.5
Jalpaiguri	36.0	38.7	27.4	4.4	35.5	71.6	43.1	62.0	3.0*	10.1	27.8	39.4
Darjiling	25.0	31.9	25.5	7.8	60.4	72.2	51.5	60.8	24.0	9.0	15.9	73.4
Malda	56.7	51	30.8	4.4	29.7	74.2	31.9	38.9	4.4*	11.7	25.6	35.0
Uttar Dinajpur	59.1	53.2	34.6	3.8	23.6	60.8	31.3	28.5	0.4*	13.3	41.9	29.7
Dakshin Dinajpur	65.5	33.3	26.1	4.0	41.6	77.2	47.1	40.5	5.9*	8.5	32.8	34.4
Murshidabad	79.1	47.4	29.9	4.6	39.7	74.6	44.3	39.4	5.6*	12.0	20.8	34.4
Nadia	41.5	26.7	16.9	5.1	77.5	87.9	39.9	68.9	23.0	12.9	17.4	43.2
North 24-Parganas	48.0	32.3	21.3	9.7	65.0	82.0	42.8	65.6	9.5*	8.9	37.8	73.4
South 24-Parganas	48.6	46.6	23.6	11.6	48.0	84.5	47.4	59.4	5.6*	5.6	26.3	56.1
Kolkata	19.5	26.4	17.3	2.8	92.2	93.0	43.5	82.9	15.1*	9.3	19.1	88.5
Haora	37.8	36.7	19.7	10.4	71.9	83.7	46.5	56.1	10.3*	7.5	31.6	76.5
Hugli	33.6	22.9	19.4	15.1	68.4	87.0	52.2	67.8	21.0	13.7	24.5	71.3
Bardhaman	54.7	32.7	23.8	8.5	52.0	80.8	54.9	51.8	7.1*	11.5	20.2	56.7
Birbhum	59.3	36.1	22.8	8.9	68.5	77.2	56.4	34.9	42.0	13.4	29.5	25.4
Bankura	50.0	31.6	22.8	30.6	66.3	81.0	54.4	67.3	31.0	10.0	14.3	35.6
Puruliya	74.4	48.5	26.0	28.2	35.3	82.2	41.3	38.0	28.0	6.0	10.5	29.0
Medinipur	40.0	34.8	24.8	15.4	54.8	78.8	47.1	46.0	35.0	7.0	22.7	41.8
<b>West Bengal</b>	<b>48.5</b>	<b>36.4</b>	<b>21.2</b>	<b>15.0</b>	<b>52.8</b>	<b>80.0</b>	<b>47.0</b>	<b>50.3</b>		<b>10.2</b>	<b>21.2</b>	<b>43.0</b>

\*% of Women reporting their child to be underweight (below 2.5 kg.)

Table IX.20 : DLHS - RCH Key Indicators (2003 - 2004), West Bengal

SL. No.	District Name	Population as per Census 2001	Safe Delivery (Either institutional delivery or home delivery attendant by Doctor/Nurse)	Breastfeeding within 2 hours (children age below 36 months)	Percentage of children age 12-35 months received full immunization	Aware of diarrhoea	Knowledge of ORS	Women aware of RTI/STI	Women aware of HIV/AIDS	Women who had any symptom of RTI/STI	Sought treatment for Pregnancy complications	Sought treatment abnormal vaginal discharge	Women visited by ANM/Health worker	Women who utilized government health facility for treatment of RTI/STI (vaginal discharge)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Bankura	3192695	66.4	49.0	67.4	80.2	48.7	58.1	34.4	41.9	49.0	60.0	6.6	73.4
2	Burddhaman	6895514	62.0	28.2	60.2	69.0	19.4	68.3	45.2	39.4	52.5	38.4	7.3	25.1
3	Birbhum	3015422	52.8	45.0	43.2	88.8	49.2	56.1	31.8	27.9	46.8	40.9	23.4	19.5
4	Dakshin Dinajpur	1503178	50.0	32.3	60.2	88.2	34.2	79.4	46.3	35.8	55.6	37.8	11.0	26.9
5	Darjiling	1609172	47.5	31.7	57.0	62.3	24.6	52.5	66.2	36.2	42.5	28.0	6.4	43.6
6	Haora	4273099	65.7	20.4	58.3	89.5	43.4	79.1	71.9	26.7	51.6	41.7	5.9	13.9
7	Hugli	5041976	80.3	34.2	73.6	83.7	43.3	70.3	61.7	38.4	69.1	49.5	10.4	12.5
8	Jalpaiguri	3401173	44.4	21.4	69.5	87.2	32.5	71.0	46.5	29.9	54.6	13.4	22.4	5.4
9	Koch Bihar	2479155	40.1	7.1	53.4	75.6	26.3	63.2	40.1	44.8	47.9	41.2	11.7	36.2
10	Kolkata	4572876	86.9	21.8	49.5	90.1	41.7	84.7	87.5	25.2	63.3	37.6	4.4	40.1
11	Malda	3290468	31.7	33.9	46.9	85.9	37.6	70.0	27.9	40.9	55.3	36.7	37.4	10.5
12	Medinipur	9610788	62.5	26.6	53.1	70.1	43.1	80.7	49.3	45.6	63.9	58.3	8.3	31.8
13	Murshidabad	5866569	39.2	29.5	27.9	77.8	28.5	50.4	33.0	44.7	44.8	32.3	4.6	11.9
14	Nadia	4604827	76.2	28.4	71.9	89.9	25.5	80.9	62.2	32.5	64.5	43.9	16.1	14.8
15	North 24-Parganas	8934286	55.1	24.7	62.0	79.7	29.3	78.3	67.7	35.3	48.6	46.0	6.9	36.7
16	Puruliya	2536516	60.0	31.4	65.5	69.6	41.5	42.3	22.5	24.6	58.6	47.9	11.5	33.0
17	South 24-Parganas	6906689	39.0	31.7	54.4	83.2	43.3	70.2	52.8	33.9	54.1	31.3	19.8	6.1
18	Uttar Dinajpur	2441794	26.9	21.2	27.6	87.4	30.2	72.9	32.0	38.3	46.8	13.3	27.6	10.8
	<b>West Bengal</b>	<b>80176197</b>	<b>54.1</b>	<b>27.9</b>	<b>54.4</b>	<b>79.5</b>	<b>34.8</b>	<b>69.7</b>	<b>50.2</b>	<b>36.4</b>	<b>53.3</b>	<b>38.9</b>	<b>12.5</b>	<b>24.3</b>

Contd....

**Table IX.20 : DLHS-RCH Key Indicators (2003-04), West Bengal - Concl'd.**

Sl.No.	District Name	Mean age at marriage for girls	Girls married below legal age at marriage 18 years	Birth Order 3 +	Knowledge of all modern family planning methods	Current use of any modern family planning method	Unmet need (%)	Any antenatal check up	3 or more antenatal check ups	Who received 100 or more IFA tablets during pregnancy	Full ANC1-(Atleast 3 visits for ANC + atleast one TT injection + 100 or more IFA tablets)	Institutional delivery
1	2	16	17	18	19	20	21	22	23	24	25	26
1	Bankura	18.1	54.0	24.0	59.7	62.7	8.5	96.2	74.8	29.4	23.1	62.3
2	Burddhaman	18.0	59.0	27.1	59.4	58.2	6.1	93.1	63.6	14.0	10.0	58.9
3	Birbhum	17.6	59.8	34.3	40.4	55.9	13.1	91.2	63.0	12.9	10.8	48.1
4	Dakshin Dinajpur	17.8	57.6	30.5	60.4	51.9	10.5	91.5	68.2	16.0	12.6	44.9
5	Darjiling	20.9	21.0	32.1	61.0	54.8	12.4	85.3	51.3	12.8	8.9	42.9
6	Haora	19.8	25.5	25.5	74.7	55.2	8.7	91.4	77.9	19.4	16.9	56.7
7	Hugli	19.5	34.9	23.6	69.8	58.7	7.6	93.5	78.1	31.0	25.5	75.2
8	Jalpaiguri	19.0	38.0	35.5	57.4	52.4	11.6	95.0	61.6	24.1	18.0	40.2
9	Koch Bihar	18.2	51.7	32.9	54.6	49.3	11.5	92.0	47.0	12.9	7.6	36.9
10	Kolkata	21.5	13.6	24.7	85.8	47.5	7.7	96.2	91.6	20.4	19.3	82.1
11	Malda	17.2	65.9	45.3	49.5	33.6	21.3	95.1	62.2	19.2	13.9	27.4
12	Medinipur	17.6	53.2	23.5	65.9	55.7	11.0	93.9	73.9	14.6	12.6	43.7
13	Murshidabad	18.1	54.8	38.1	42.4	52.3	11.6	74.0	39.4	14.1	6.4	33.2
14	Nadia	18.4	41.0	18.7	60.5	46.3	8.1	97.3	67.6	12.6	10.6	65.1
15	North 24-Parganas	19.6	37.9	23.8	65.1	48.3	9.4	88.4	64.5	24.2	19.6	50.2
16	Puruliya	18.3	51.2	34.9	32.9	48.3	16.1	86.5	69.8	17.9	13.3	48.9
17	South 24-Parganas	18.2	46.7	30.6	63.8	50.0	11.9	94.3	65.4	11.2	7.8	30.5
18	Uttar Dinajpur	17.8	51.2	54.8	41.2	32.1	20.3	81.4	42.7	8.7	5.8	20.6
	<b>West Bengal</b>	<b>18.6</b>	<b>45.4</b>	<b>31.0</b>	<b>59.5</b>	<b>51.0</b>	<b>11.0</b>	<b>90.7</b>	<b>64.6</b>	<b>18.9</b>	<b>13.4</b>	<b>46.3</b>

**Table IX.21 : West Bengal - Key Indicators, DLHS-3 (2007-08)**

Indicators	DLHS-3 (2007-08)	DLHS-2 (2002-04)
<b>Marriage</b>		
Mean age at marriage for girls (marriages that occurred during the reference period)*	18.5	18.4
Girls married below age 18(marriages that occurred during the reference period (%)*	41.3	47.3
Currently married women age 20-24 who were married before age 18 (%)	54.7	NA
<b>Current use of family planning methods</b>		
Any method (%)	72.7	73.8
Any modern method (%)	53.3	51.2
Female sterilization (%)	33.7	32.0
Male sterilization (%)	0.3	0.5
Pill (%)	14.7	13.0
IUD (%)	0.7	0.6
Condom (%)	3.6	4.4
Any traditional method (%)	18.8	22.6
<b>Unmet need of family planning</b>		
Total unmet need (%)**	11.6	11.2
For spacing (Definition I) (%)	4.2	4.5
For limiting (Definition I) (%)	7.4	6.7
Total unmet need (%)**	9.1	NA
For spacing (Definition I) (%)	2.6	NA
For limiting (Definition II) (%)	6.5	NA
<b>Antenatal care (based on women whose last pregnancy outcome was live/still birth during the reference period)*</b>		
Mothers who received any antenatal check up(%)	96.1	90.8
Mothers who had antenatal check-up in trimester (%)	42.4	40.5
Mothers who had three or more ANC (%)	67.0	62.7
Mothers who had at least one tetanus toxoid injection(%)	95.0	88.0
Mothers whose blood pressure (BP) taken (%)	68.0	47.3
Mothers who consumed 100 IFA Tablets (%)	22.4	19.3
Mothers who had full antenatal check-up (%)\$	18.4	14.8
<b>Delivery care (based on women whose last pregnancy outcome was live/still birth during reference period)*</b>		
Institutional delivery (%)	49.2	47.0
Delivery at home (%)	50.0	50.8
Safe delivery (%)@	51.6	54.8
Mothers who received post-natal care within two weeks of delivery (%)	56.9	NA

Contd....

**Table IX.21 : West Bengal - Key Indicators, DLHS-3 (2007-08)- concld.**

Indicators	DLHS-3 (2007-08)	DLHS-2 (2002-04)
<b>Child Immunization</b>		
Children 12-23 months fully immunized (%)	75.8	50.3
Children 12-23 months not received any vaccination(%)	3.2	7.0
Children 12-23 months who have received BCG Vaccine(%)	96.2	87.2
Children 12-23 months who have received 3 doses of DPT vaccine (%)	83.6	68.8
Children 12-23 months who have received 3 doses of Polio vaccine (%)	83.8	65.7
Children 12-23 months who have received measles vaccine (%)	82.8	65.0
Children (age 9 months and above) received at least one dose of vitamin A supplement )(%)	78.3	55.0
<b>Child feeding practices (based on 1st born children)(%)</b>		
Children under 3 years breastfed within one hour of birth&	39.3	27.7
Children age 0-5 months exclusively breastfed +	43.7	NA
Children age 6-35 months exclusively breastfed for at least 6 months	26.1	15.9
Children age 6-9 months receiving solid/semi/solid food and breast milk	64.1	NA
<b>Awareness of HIV/AIDS</b>		
Women who have heard of HIV/AIDS (%)	49.2	48.2

\*DLHS-3 reference period is from 1-1-2004 to survey date; DLHS-2 reference period is from 1-1-1999 to survey date

\*\*Total unmet need refers to unmet need for limiting and spacing

**Definition I: Unmet need for spacing** includes the proportion of currently married women who are neither in menopause or had hysterectomy nor are currently pregnant who want more children after two years or later and are currently not using any family planning method. The women who are not sure about whether and when to have next child are also included .Unmet need for limiting includes the proportion of currently married women who are neither in menopause or had hysterectomy nor are currently pregnant and do not want any more children but are currently not using any family planning method(These definitions are same as DLHS-2).

**Definition II: Unmet need for spacing** includes fecund women who are neither pregnant nor amenorrhoeic, who are not using any method of family planning, and say they want to wait two or more years for their next birth. It also includes fecund women who are not using any method of family planning, and say they are unsure whether they want another child or who want another child but are unsure when to have the birth.

**Unmet need for limiting** includes fecund women who are neither pregnant nor amenorrhoeic, who are not using any method of family planning, and who want no more children (These definitions are similar to NFHS-3).

\$Full ANC: At least three visits for antenatal check-up, one TT injection received and 100 IFA tablets or adequate amount of syrup consumed.

@Either institutional delivery or home delivery attended by skilled health personnel (Doctor/ ANM/Nurse/ midwife/LHV/Other health personnel). & DLHS-2 data indicates children breastfed within two hours of birth.

+ Children who were given nothing but breast milk till the survey date.



Table IX.22 : DLHS -3 : RCH Key Indicators, 2007-08, West Bengal

District	Percentage of girls marrying before completing 18 years	Percentage of Births of Order 3 and above	Sex Ratio at Birth	Currently married women, age 15-49 yrs using any modern FW method. (%)	Total unmet need for Family planning (%)	Mothers who had at least 3 Ante natal care visits during last pregnancy (%)	Institutional births (%)	Delivery at home assisted by a doctor /nurse/LHV/ANM (%)	Children (12-23 months ) fully immunised( BCG,3 doses each of DPT,Polio and measles) (%)	Children (9-35 months) who have received at least one dose of Vitamin A (%)	Children with diarrhoea in the last two weeks who received ORS (%)	Children with acute respiratory infection/fever in the last two weeks who were given treatment(%)	Children breast fed within one hour of birth	Children (age 6 months above) exclusively breast fed (%)	Women heard of HIV/AIDS (%)
Bankura	49.7	14.4	950	59.5	12.5	65.8	61.4	7.8	91.7	87.6	45.1	75.1	38.8	45.2	28.1
Bardhaman	39.4	15.7	826	58.0	9.1	70.7	58.0	1.0	63.8	77.0	55.3	80.4	42.7	26.4	49.5
Birbhum	58.3	19.9	921	58.2	9.5	58.0	48.7	3.5	65.8	75.1	49.1	67.5	50.6	30.0	42.8
Darjiling	25.1	13.3	766	53.5	13.0	70.4	72.4	4.9	86.2	77.6	64.2	70.5	44.3	18.2	81.5
Haora	32.2	16.6	994	48.8	9.3	79.8	65.7	11.7	76.4	73.5	49.3	88.0	30.3	14.3	70.3
Hugli	26.1	10.2	1063	55.3	9.8	82.8	80.1	24.6	92.9	89.2	35.0	82.1	23.9	17.6	72.8\
Jalpaiguri	17.5	23.4	957	50.7	13.3	72.7	48.4	1.5	78.4	79.8	46.7	76.2	35.1	21.5	56.4
Koch Bihar	45.8	21.7	1055	52.7	10.2	59.0	46.4	1.5	78.0	81.4	63.1	85.2	38.9	18.1	37.4
Kolkata	19.4	16.9	702	42.1	7.9	90.3	87.7	19.8	82.2	76.9	43.4	73.2	33.5	28.9	82.5
Malda	56.7	31.9	1015	39.2	19.0	59.6	28.6	2.0	69.7	74.1	22.7	73.7	41.0	45.1	20.8
Purba Medinipur	40.4	13.4	1170	54.8	12.9	74.3	40.7	7.2	89.4	91.7	60.8	81.2	44.6	25.4	62.2
Paschim Medinipur	46.9	15.7	906	63.4	10.1	49.1	45.1	8.7	80.5	84.9	50.2	72.9	39.3	28.6	48.7
Murshidabad	61.4	28.1	1019	50.9	11.4	63.0	41.6	4.2	62.5	67.6	36.1	76.7	39.7	32.4	40.2
Nadia	42.9	12.4	954	44.7	9.4	76.4	69.9	2.0	86.0	86.4	41.2	68.2	49.3	26.2	60.7
North 24-Parganas	28.9	14.1	905	43.5	12.9	86.6	62.8	7.8	81.7	81.8	44.4	80.0	35.7	14.2	67.0
Puruliya	54.3	22.8	907	41.7	18.7	65.1	39.9	11.7	84.3	81.2	49.4	69.5	44.9	49.2	18.0
South 24-Parganas	41.2	23.1	902	49.1	10.5	69.1	36.4	0.4	73.8	81.8	32.0	80.6	32.8	10.2	53.2
Dakshin Dinajpur	48.7	17.1	873	50.3	10.2	77.6	40.3	3.5	88.9	87.1	48.8	77.1	42.8	28.6	45.9
Uttar Dinajpur	39.1	41.0	936	32.8	19.8	53.3	27.6	3.7	54.5	61.8	34.9	77.5	28.7	27.9	25.2



**Table IX.23 : Important Indicators under RCH and Family Welfare Programme in West Bengal, 2011-12**

(As compiled from HMIS Web Portal Report) Standard Reports Status as on 15.09.2012

## I Maternal Health :

a) Percentage of ANC registered (against number of estimated pregnant women)	108%
b) Percentage of ANC registered within 1st trimester to total ANC registered	57.8%
c) Percentage of 3 antenatal check-ups to total ANC registered	73%
d) Percentage of ANC cases immunised {TTP(W)}	78%
e) Percentage of ANC cases given IFA tablets	69%

## II Deliveries :

a) Total no. of deliveries	1463200
b) Total no. of Institutional deliveries*	1037397
c) Total no. of deliveries in Accredited Private Nursing Homes	42127
d) Percentage of Institutional deliveries to total deliveries	71%
e) Percentage of Domicilliary deliveries by Non SBA (Non Skilled Birh Attendant)	98.1%
f) Percentage of caesarian deliveries to total Institutional deliveries	20.1%

## III Child Health :

a) Percentage of children fully immunised (9-11 months)	90.6%
b) Percentage of children receiving 1st dose of Vit A in oil	57.7%
c) Percentage of low birth weight babies	14.8%
d) Percentage of Still birth to total no. of births	1.7%

## IV Infant Deaths Reported :

Within 7 days	7 days to 1 month	1 month to 1 year	Total
10309	2560	2834	15703

## V MTP Cases :

Conducted at Public Facilities		Conducted at Pvt. Facilities	Total
Up to 12 weeks	More than 12 weeks		
20866	3690	17016	41572

## VI RTI / STI Cases :

Male cases treated	38847
Female cases treated	74153
Total treated	113000

\*Institutions mean all Public Institutions and Accredited Private Nursing Homes.

**Table IX. 24 : Implementation and Working of the Pre-conception and Pre-natal Diagnostic Techniques (Prohibition of Sex Selection) Act  
(Progress upto March, 2012)**

1.	Number of centres granted Registration	–	1972
2.	Of the number shown in item (I) above, number of Govt. facilities	–	125
3.	Number of application for registration rejected for :		
	(a) Genetic Laboratories	–	Nil
	(b) Ultrasound Clinics / Imaging Centres	–	123
	(c) Other bodies like IVF centres etc.	–	Nil
4.	Number of renewals of registration in respect of :		
	(a) Genetic Counseling Centres	–	Nil
	(b) Genetic Laboratories	–	1
	(c) Genetic Clinics	–	Nil
	(d) Ultrasound Clinics / Imaging Centres	–	277
5.	Number of premises inspected by the Appropriate Authorities	–	517
6.	Number of suspensions or cancellations of registration :		
	(a) Genetic Clinics	–	Nil
	(b) Ultrasound Clinics / Imaging Centres	–	82
7.	Number of complaints filed in courts in the State	–	12

**Table IX.25 : Details of District Training Centres (DTCs) Involved in ASHA Training under NRHM**

Sl. No.	District	District Training Centre (DTC)
1	Koch Bihar	<b>Society for Participatory Action &amp; Reflection (SPAR)</b> 49/53 Prince Gulam Mohammad Shah Road, Kolkata—700033 New Town, Ashram Road, Coochbihar—736101 spar_cob@rediffmail.com
2	Darjiling	<b>West Bengal Voluntary Health Association (WBVHA)</b> 19A, Dr. Sundari Mohan Avenue, Kolkata-700014 033-22446754/22843083, 033-22446754 (FAX) wbvha@viascl01.vsnl.net.in
3	Uttar Dinajpur	<b>St. John Ambulance Association (SJAA)</b> Debinagar, Raigunje—733123 Hospital Para, Kaliagunje, Pin Code—733129 Fax: 03523-242456 03523-254921 / 242456 / 241355, 03523-258655 stjohnambulance_ud@yahoo.co.in, stjohnambulance.asha@gmail.com
4	Dakshin Dinajpur	<b>Nari Mukti Mahila Samity (NMMS)</b> Vill: Subhas Pally (BDO More) , PO & PS: Gangarampur, Dist – Dakshin Dinajpur, Pin – 733124 Ph & Fax. 03521-257115 nmms.ngo@sify.com, nmms.ngo@gmail.com, nmms.ngo.rch@gmail.com
5	Malda	<b>Rajadighi Community Health Service Society (RCHSS)</b> Vill: Eklakhi, PO – Rajadighi, Dist – Malda Pin – 732102 Ph.03512-231112; Fx.03512-231263 rchssorg@yahoo.com, secretaryrchss@gmail.com
6	Murshidabad	<b>Gana Unnayan Parshad (GUP)</b> 10, Gimesh Lane, Kolkata-700014 033-22468079 / 2403 gup_berhampore@yahoo.co.in, gup_rch@rediffmail.com, rch_gup@rediffmail.com
7	Birbhum	<b>Elmhirst Institute of Community Studies (EICS)</b> Nababithika, Andrewspalli, Santiniketan, Dist – Birbhum, Pin-731235. W.B. Ph (03463) 264778/264047 Fx (03463) 264778 elminstt@gmail.com
8	Nadia	<b>Sreema Mahila Samity (SMS)</b> Vill & PO – Duttapulua, Dist. Nadia Pin – 741504 (03473) 265385/265207/264151 Fx.03473-265-385 secretary@sreema.org, sreemaasha@gmail.com
9	Bankura	<b>Bankura Institute</b> Pratapbagan, Po & Dist – Bankura, Pin – 722101 Ph. 03242-253965/254342/250765/254285 Fax. 03242-240652 bankura.institute@rediffmail.com

contd...

**Table IX.25 : Details of District Training Centres (DTCs) Involved in ASHA Training under NRHM - conclud.**

Sl. No.	District	District Training Centre (DTC)
10	Puruliya	<b>KALYAN</b> Vill: Bongabari, PO – Vivekanandanagar Dist: Purulia, Pin – 723147 Ph.03252-222906/224101 kalyan_vvkn@yahoo.com, kalyan_rch@yahoo.in, asha.kalyan@yahoo.com kalyanrch@gmail.com
11	Hugli	<b>Tarakanath Maternity &amp; Child Welfare Centre (TMCWC)</b> Mandir Road, PO – Tarakeswar, Dist – Hooghly Pin – 712410 Ph;(03212) 276448/ 279683. tmcwc08@gmail.com
12	Paschim Medinipur	<b>Prabuddha Bharati Shishu Tirtha (PBST)</b> Khirinda, PO – Krishnapriya, Dist – Paschim Medinipur, Pin – 721140 Ph.03222-238093/238078/225678 pbstrch@yahoo.co.in, pbst1098@yahoo.co.in, kgp_pbstc@sancharnet.in
13	South 24-Parganas	<b>Child In Need Institute (CINI)</b> Vill: Daulatpur, PO-Pailan, via Joka Kolkata-700104 Ph: 033-24978192 / 24978206 033-24978241 (FAX) cini@cinindia.org
14	North 24-Parganas	<b>Gana Unnayan Parshad (GUP)</b> 10, Gimesh Lane, Kolkata-700014 033-22468079 / 2403 gup_rch@rediffmail.com, rch_gup@rediffmail.com, gup1984@bsnl.in
15	Jalpaiguri	<b>West Bengal Voluntary Health Association (WBVHA)</b> 19A, Dr. Sundari Mohan Avenue, Kolkata-700014 033-22446754/22843083 033-22446754 (FAX) wbvha@giascl01.vsnl.net.in
16	Bardhaman	<b>Shiv Sankar Seve Samity (SSSS)</b> Baburbag, Burdwan- 713104 Pin: (0342) 2657505/2657251 Fax: (0342) 2657505 shibsankarsebasamity@gmail.com
17	Haora	<b>Child In Need Institute (CINI)</b> Vill: Daulatpur, PO-Pailan, via Joka Kolkata-700104 Ph: 033-24978192 / 24978206 033-24978241 (FAX) cini@cinindia.org

## **Chapter – X**

# **HEALTH MAN POWER AND MEDICAL EDUCATION**

---

---



**Table X.1: Medical Practitioners (Allopathic) Registered with the West Bengal Medical Council**

Year	Total number registered upto last day of the previous year	Additional number registered during the year	Total number registered upto last day of the year	Number in the active list (as stood on the last day of the year)			Total number of registered Allopathic Medical practitioners having recorded their address in the State		
				Total	Male	Female	Total	Urban	Rural
2006	61336	994	62330	49633	41443	8190	44173	29595	14578
2007	62330	1024	63354	50656	41833	8823	46097	31346	14751
2008	63354	997	64351	51649	42663	8986	46795	31998	14797
2009	64351	1037	65388	52685	43222	9463	47943	34574	13369
2010	65388	1205	66593	54606	44558	10048	49145	35778	13367
2011	66593	1257	67850	56317	46060	10257	51248	37667	13581

**Table X.2: Nurses, Public Health Nurses, Auxiliary Nurse-cum-Midwives and Lady Health Visitors Registered with the West Bengal Nursing Council during 2011**

Registered Category	Number registered upto 31.12.2010 (Previous year)		Additional Number registered during 2011		Number registered upto 31.12.2011		Number deleted upto 31.12.2011		Number in active list upto 31.12.2011	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
<b>Nurse (General)</b>	417	4819 + 29884(a) = 34703	220	1424	637	4820 + 31307(a) = 36127	7	1643	630	3235 + 31249(a) = 34484
<b>A N M</b>	13	10755 + 9811 = 20566	–	514	13	11269 + 9811 = 21080	1	270	12	20810
<b>Midwives</b>	–	4823 + 29884(b) = 34707	–	1424	–	4824 + 31307(b) = 36131	–	1805	–	3077 + 31249(b) = 34326
<b>L H V</b>	–	276	–	–	–	276	–	80	–	196
<b>P H N</b>	–	233(c)	–	–	–	233(c)	–	6(c)	–	227(c)

Source: West Bengal Nursing Council

P H N = Public Health Nurse

A N M = Auxiliary Nurse-cum-Midwives

L H V = Lady Health Visitors

(a) These are Nurses also entered in Midwives Column.

(b) These are Midwives also entered in Nurses Column.

(c) These are Registered Nurses also included in Nurses Column.

**Table X.3: Dentists Registered with the West Bengal Dental Council As on 31.3.2012**

Category	Number registered upto the last day of the previous year			Additional number registered during the year			Total number registered upto the last day of the year			Number deleted upto the last day of the year			Number in the active list (as stood on the last day of the year)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total
Part A	2199	581	2780	143	74	217	2342	655	2997	131	28	159	2211	627	2838
Part B	477	15	492	0	0	0	477	15	492	167	4	171	310	11	321

Source: West Bengal Dental Council

Note: Part A - Number of dentists possessing recognised dental qualification

Part B - Number of dentists not possessing any recognised dental qualification, but practising Dentistry as principal means of livelihood



**Table X.4.1: Pharmacists Registered with the Pharmacy Council, West Bengal**

Year	Total number registered upto the last day of the previous year	Additional number registered during the year	Total number registered upto the last day of the year	Number not renewed during the period	Number in the active list as stood on the last day of the year
2004	73848	548	74396	53610	20786
2005	74396	519	74915	48304	26611
2006	74915	598	75513	45649	29864
2007	75513	620	76133	47857	28276
2008	76133	753	76886	44634	32252
2009	76543	691	77234	43349	33885
2010	77234	747	77981	50999	26982
2011	77981	778	78759	43968	34791
2012	78759	819	79578	25107	54471

**Table X. 4.2: Intake in Diploma and Degree in Pharmacy**

Intake in Diploma in Pharmacy		Intake in Degree in Pharmacy	
Name of the institution	Approved intake	Name of the institution	Approved intake
Institute of Pharmacy, Jalpaiguri	60	Dept. of Pharmaceutical Technology Jadavpur University, Kolkata	70
Institute of Pharmacy, Kalyani, Nadia	60	Gupta College of Technological Sciences, Barddhaman	60
Institute of Pharmacy, Bankura	60	Calcutta Institute of Pharmaceutical Tech & Allied Health Sc., Haora	60
Gnan Chandra Ghosh Polytechnic, Kolkata-23	40	Institute of Pharmacy, Jalpaiguri	60
Women's Polytechnic, Chandannagar, Hugli	40	Netaji Subhash Institute of Pharmaceutical Sc., Nadia	60
Contai Polytechnic, Purba Medinipur	60	B.C.D.A.College of Pharmacy & Technology, Hridaypur, Barasat	60
Sri Ramakrishna Silpa Vidyapith, Suri, Birbhum	30	Bengal School of Pharmacy, Hugli	60
Polytechnic, Siliguri	40	Dr. B.C.Roy College of Pharmacy & Allied Health Sc., Durgapur, Barddhaman	60
Koch Bihar Polytechnic	40	Guru Nanak Institute of Pharmacy, Kolkata-700 114	60
Calcutta Institute of Pharmaceutical Tech. & Allied Health Sciences, Uluberia, Haora	60	N.S.H.M. college of Pharmaceutical Technology, Kolkata-700 053	60
Guru Nanak Institute of Pharmacy, Kolkata-114	60	Bengal College of Pharmaceutical Sciences & Research, Barddhaman	60
		Bharat Technology Jaduberia, Haora	60

Source: West Bengal Pharmacy Council

**Table X.5: Population Served per Doctor and per Nurse in West Bengal**

Year	Population Served	
	Per Doctor	Per Nurse
1985	2097	2175
1986	2085	2086
1987	2058	2001
1988	2109	1899
1989	2100	1878
1990	2191	1948
1991	2158	1871
1992	2166	1870
1993	2156	1868
1994	2163	1848
1995	2160	1818
1996	2212	1850
1997	2167	1905
1998	2181	1894
1999	2088	1648
2000	2060	1771
2001	2041	1751
2002	2030	1725
2003	1998	1718
2004	1974	1702
2005	1956	1662
2006	1961	1646
2007	1868	1628
2008	1859	1612
2009	1832	1573
2010	1804	1554
2011	1782	1543

Calculation based on: (a) total number of registered Allopathic Medical Practitioners having recorded their address in the State  
(b) Nurses (all categories) registered with the West Bengal Nursing Council

**Table X.6: Rural - Urban - Differential in Population Served per Doctor in West Bengal**

Year	Population served per doctor	
	Rural	Urban
1987	5013	773
1988	5114	792
1989	5078	789
1990	5246	842
1991	5217	830
1992	5140	854
1993	5113	853
1994	5148	855
1995	5158	852
1996	5213	903
1997	5192	815
1998	5165	883
1999	4857	833
2000	4797	822
2001	4727	830
2002	4733	826
2003	4734	813
2004	4500	808
2005	4476	783
2006	4340	790
2007	4187	777
2008	4214	770
2009	4706	721
2010	4748	705
2011	4581	773

**Table X.7 : Intake in MBBS Course in West Bengal during 2011**

Name of the College	Number of seats available	Number of students admitted in the first year MBBS Course		
		Male	Female	Total
Medical College, Kolkata	250	176	64	240
N.R.S. Medical College, Kolkata	250	157	70	227
National Medical College, Kolkata	150	82	53	135
R.G. Kar Medical College, Kolkata	150	101	45	146
Bankura Sammilani Medical College, Bankura	100	62	29	91
Barddhaman Medical College, Barddhaman	100	67	33	100
North Bengal Medical College, Siliguri, Darjiling	100	62	28	90
Medinipur Medical College	100	64	30	94
IPGMER, Kolkata	100	75	25	100
College of Medicine, J. N. M. Hospital, Kalyani	100	55	26	81
Maldah Medical College	100	59	33	92
College of Medicine & Sagar Dutta Medical College, Kamarhati	100	50	38	88
K. P. C. Medical College	150	75	73	148
<b>Total</b>	<b>1750</b>	<b>1085</b>	<b>547</b>	<b>1632</b>

**Table X.8 : Post Graduate Degree and Diploma - Discipline-wise  
No. of Students Passed Out in the Academic Year 2011 - 12**

Degree/Diploma	Discipline	No. passed out		
		Male	Female	Total
MD	Anaesthesiology	17	3	20
	Anatomy	5	6	11
	Biochemistry	4	5	9
	Community Medicine	3	5	8
	Dermatology, Venereology & Leprosy	4	1	5
	Forensic Medicine	2	0	2
	General Medicine	38	0	38
	Microbiology	3	3	6
	Paediatrics	20	3	23
	Pathology	11	5	16
	Pharmacology	5	2	7
	Physical Medicine & Rehabilitation	2	0	2
	Physiology	4	3	7
	Psychiatry	5	0	5
	Pulmonary Medicine	7	0	7
	Radio-Diagnosis	7	1	8
	Radio -Therapy	6	2	8
	Tropical Medicine	5	0	5
MS	General Surgery	31	4	35
	Obstetrics & Gynaecology	15	25	40
	Ophthalmology	7	4	11
	Orthopaedics	11	0	11
	Oto-Rhino-Laryngology	13	1	14
MDS	Conservative Dentistry & Endodontics	3	1	4
	Oral & Maxillofacial Surgery	0	2	2
	Oral Pathology	0	2	2
	Orthodontics	3	0	3
	Pedodontics & Preventive Dentistry	1	1	2
	Periodontics	2	2	4
	Prosthetic Dentistry	3	1	4
Diploma	Anaesthesiology (D.A.)	22	8	30
	Dermatology, Venereology & Leprosy (DDVL)	3	0	3
	Industrial Health (D.I.H.)	0	1	1
	Maternity & Child Welfare (D.M.C.W.)	2	2	4
	Obstetrics & Gynaecology (DGO)	14	14	28
	Ophthalmology (DO)	1	1	2
	Orthopaedics (D.Ortho.)	16	1	17
	Paediatrics (D.C.H.)	57	18	75
	Psychiatry (D.P.M.)	6	2	8
	Public Health (D.P.H.)	37	14	51
	Radio-Diagnosis (D.M.R.D.)	11	4	15
	Radio-Therapy (D.M.R.T.)	2	1	3
	Tuberculosis & Chest Diseases(DTCD)	11	1	12
	DHE	16	23	39
	Dip Diet	1	2	3

**Table X.8 : Post Graduate Degree and Diploma - Discipline-wise  
No. of Students Passed Out in Academic Year 2011-12 - contd.**

Degree/Diploma	Discipline	No. passed out		
		Male	Female	Total
DM	Clinical Haematology	1	0	1
	Cardiology	4	0	4
	Endocrinology	2	0	2
	Gastroentrology	1	0	1
	Nephrology	2	0	2
	Neurology	4	0	4
M.Ch.	Urology	2	0	2
	Neurosurgery 6 years (Part-II)	1	1	2
	Neurosurgery	5	0	5
	Plastic Surgery	2	0	2
	Paediatric Surgery	1	0	1

Table X.9.1: Number of Seats of Post Graduate Courses in the Academic Year 2012 - 13 (MD, MS)

PG Course	Subject	Institutions																Total
		IPGME & R	MC	NRSMC	RGKMC	CNMC	AIHH & PH	BMC	BSMC	NBMC	VIMS	STM	CSS	BCR	ESI, JOKA	ICH	CH	
MD	Anaesthesiology	14	4	4	7	6	0	6	4	4	2	0	0	0	0	0	4	55
	Anatomy	5	6	4	5	2	0	4	0	4	0	0	0	0	0	0	0	30
	Biochemistry	7	3	0	4	2	0	4	0	0	0	0	0	0	0	0	0	20
	Community Medicine (PSM)	0	3	0	5	0	11	5	2	3	0	0	0	0	0	0	0	29
	Dermatology, Venereology & Leprosy	5	5	0	1	0	0	2	0	0	0	3	0	0	0	0	0	16
	Forensic Medicine	0	4	4	4	0	0	3	0	2	0	0	0	0	0	0	0	17
	General Medicine	13	23	12	14	10	0	6	5	4	5	0	0	0	0	0	4	96
	Immuno Haematology & Medical Blood Transfusion	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Microbiology	4	2	0	6	2	0	4	0	0	0	5	0	0	0	0	0	23
	Paediatrics	4	9	5	7	3	0	5	3	2	3	0	2	4	0	4	3	54
	Pathology	14	9	5	8	2	0	9	4	7	2	0	0	0	0	0	3	63
	Pharmacology	6	2	0	4	0	0	4	0	0	0	1	0	0	0	0	0	17
	Physical Medicine & Rehabilitation	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4
	Physiology	5	4	0	7	0	0	5	0	4	0	0	0	0	0	0	0	25
	Psychiatry	4	1	1	1	2	0	2	0	0	0	0	0	0	0	0	2	13
	Radio-Diagnosis	8	4	2	0	0	0	0	0	0	0	0	0	0	0	0	2	16
	Radio -Therapy	6	6	2	4	0	0	0	0	0	0	0	0	0	0	0	0	18
	TB & Respiratory Medicine	3	1	3	3	2	0	2	0	0	0	0	0	0	0	0	0	14
	Tropical Medicine	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
Total:																		516
MS	General Surgery	15	21	10	14	9	0	6	5	4	2	0	0	0	0	0	4	90
	Obstetrics & Gynaecology	12	15	12	14	10	0	6	4	2	5	0	2	0	2	0	2	86
	Ophthalmology	0	13	2	1	2	0	3	0	2	1	0	0	0	0	0	3	27
	Orthopaedics	6	4	5	4	3	0	6	2	2	1	0	0	0	0	0	2	35
	ENT	4	4	2	4	2	0	2	0	2	1	0	0	0	0	0	3	24
Total:																		262

Table X.9.2: No. of Seats of Post Graduate Courses in the Academic Year 2012 - 13 (Diploma, DM, M.Ch.)

PG Course	Subject	Institution																
		IPGME & R	MC	NRSMC	RGKMC	CNMC	AIHH & PH	BMC	BSMC	NBMC	VIMS	STM	CSS	BCR	ESI, JOKA	ICH	CH	Total
Dip-loma	D. Ortho.	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
	D.L.O.	4	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	9
	D.A.	6	6	4	4	4	0	0	0	0	0	0	0	0	0	0	0	24
	D.O.	0	20	0	0	0	0	4	0	0	1	0	0	0	0	0	0	25
	D.T.C.D.	0	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
	D.G.O.	0	20	0	0	0	0	2	0	0	3	0	2	0	0	0	0	27
	D.C.H.	0	0	0	0	0	0	0	0	0	2	0	2	4	0	9	0	17
	D.T.M.H.	0	0	0	0	0	0	0	0	0	0	12	0	0	0	0	0	12
	D.M.C.W.	0	0	0	0	0	46	0	0	0	0	0	0	0	0	0	0	46
	D.P.H.	0	0	0	0	0	92	0	0	0	0	0	0	0	0	0	0	92
	D.D.V.L.	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
	D.M.R.D.	12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12
	D.M.R.T.	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
	D.P.M.	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
D.C.P.	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	0	6	
D.I.H.	0	0	0	0	0	15	0	0	0	0	0	0	0	0	0	0	15	
		Total:																333
DM	Neurology	7	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	Cardiology	11	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	21
	Endocrinology	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	Gastroenterology	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
	Nephrology	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
	Clinical Pharmacology	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
	Neonatology	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Clinical Heamatology	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
		Total:																56
M.Ch.	Cardiovascular & Thoracic Surgery	6	6	1	4	0	0	0	0	0	0	0	0	0	0	0	0	17
	Paediatric Surgery	2	2	6	0	0	0	0	0	0	0	0	0	0	0	0	0	10
	Neuro Surgery	8	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	11
	Plastic Surgery	6	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	12
	Urology	6	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	10
		Total:																60

IPGME & R – Institute of Post Graduate Medical Education & Research, MC- Calcutta Medical College, NRSMC – Nilratan Sircar Medical College, RGKMC – R.G.Kar Medical College, CNMC – Calcutta National Medical College, AIHH&PH – All India Institute of Hygiene & Public Health, BSMC – Bankura Sammilani Medical College, BMC – Bardhaman Medical College, NBMC – North Bengal Medical College, CSS – Chittaranjan Seva Sadan, BCR – Bidhan Chandra Roy, ICH – Institute of Child Health, VIMS – Vivekananda Institute of Medical Sciences, Ramkrishna Mission Seva Pratishthan, STM – School of Tropical Medicine, UCM – University College of Medicine, CH – Command Hospital

**Table X.10.1: Intake in BDS & MDS Course in 2011**

<b>Students Status of BDS, 2011</b>				
<b>College</b>	<b>Male</b>	<b>Female</b>	<b>Total admitted</b>	<b>Sanctioned seat</b>
North Bengal Dental College	29	13	42	50
Guru Nanak Institute of Dental Sciences and Research	60	40	100	100
Dr. R Ahmed Dental College	50	33	83	100
Bardhaman Dental College	52	31	83	100
Haldia Institute of Dental Sciences and Research	40	33	73	100
<b>Total</b>	<b>231</b>	<b>150</b>	<b>381</b>	<b>450</b>

<b>Students Status MDS 2011</b>				
<b>College</b>	<b>Male</b>	<b>Female</b>	<b>Total admitted</b>	<b>Sanctioned seat</b>
Guru Nanak Institute of Dental Sciences and Research	13	6	19	19
Dr. R Ahmed Dental College	13	13	26	26
<b>Total</b>	<b>26</b>	<b>19</b>	<b>45</b>	<b>45</b>

Source: Dr. R. Ahmed Dental College, Kolkata



**Table X.10.2: Intake and Out-turn in BDS Course in Dr. R. Ahmed Dental College & Hospital, Kolkata**

Year	Number of seats available	Number of students admitted in 1st year BDS Course			Number of students passed out in final BDS Examination		
		Male	Female	Total	Male	Female	Total
2004	50	34	16	50	28	10	38
2005	49	37	12	49	16	15	31
2006	100	77	23	100	23	13	36
2007	100	69	31	100	15	7	22
2008	100	62	30	92	18	14	32
2009	100	72	28	100	28	10	38
2010	100	65	28	93	46	24	70
2011	100	49	34	83	56	23	79

**Table X.10.3: Intake and Out-turn in MDS Course in Dr. R. Ahmed Dental College & Hospital, Kolkata**

Year	Number of seats available	Number of students admitted in 1st year MDS Course			Number of students passed out in final MDS Examination		
		Male	Female	Total	Male	Female	Total
2004	14	11	3	14	9	5	14
2005	14	10	4	14	9	3	12
2006	14	8	6	14	13	2	15
2007	14	10	4	14	10	3	13
2008	22	13	9	22	11	4	15
2009	26	18	8	26	8	6	14
2010	26	15	11	26	10	4	14
2011	26	13	13	26	13	8	21

Source: Dr. R. Ahmed Dental College & Hospital, Kolkata

**Table X.11.1: Annual Out-turn of Nurses in West Bengal**

Year	B.Sc. in Nursing		DCHNEA (10 months course)	DHE	HS (F) 6 months Training course	GNM		ANM (R) (18 months course)	In service education for nursing personnel	Master of Nursing	M.Phil	Ph.D
	(4-year course)	(2-year 3 months condensed course)				Fresh GNM (3 year 6 months course)	ANM to GNM in service					
2001	20	25	19	1	40	787	Nil	Nil	308	2	Nil	Nil
2002	20	24	25	Nil	38	711	Nil	Nil	Nil	1	1	Nil
2003	20	22	26	Nil	38	802	3(2 years)	Nil	Nil	Nil	Nil	Nil
2004	22	25	35	Nil	115	766	Nil	403	Nil	4	1	Nil
2005	25	23	20	Nil	277	616+2	Nil	823	2400	8	Nil	Nil
2006	25	20	28	Nil	200	445	Nil	456	1440	11	Nil	Nil
2007	22	38	12	Nil	263	584	Nil	343	1198	12	Nil	Nil
2008	340	160	60	Nil	140	850	Nil	520	587	55	Nil	Nil
2009	25	95	39	Nil	140	750	Nil	464	2995	14	Nil	Nil
2010	75	86	44	Nil	60	660	Nil	Nil	4937	18	Nil	Nil

**Table X.11.2: Annual Out-turn of Nurses in West Bengal during 2011**

Year	B.Sc. in Nursing		DCHNEA (10 months course)	DHE	Promotional Training course for H.A.(F) (6 months course)	GNM		ANM (R) (18 months course)	In service education for nursing personnel	Master of Nursing	M.Phil	Ph.D
	Basic B.Sc. (Ng.) (4-years course)	Post Basic B.Sc. (Ng.) (2 years course)				GNM (3 year 6 months course)	In service course (Duration 3 years)					
2011	75	90	19	Nil	60	750	Nil	464	2091	32	Nil	Nil

Source: Deputy Director of Health Services (Nursing), West Bengal

G.N.M. - General Nurse Cum- Midwives

ANM (R) - Auxiliary Nurse Cum- Midwives (Revised)

DCHNEA - Diploma in Community Health Nursing Education and Administration

DHE - Diploma in Health Education

HA(F) - Health Assistant ( Female)

**Table X.12 : Seats of Para Medical Courses in Different Medical Colleges / Institutions & Affiliated Institutions for 2011-12 (State Medical Faculty of West Bengal)**

**Name of the Course : Diploma in Radiography ( Diagnostic ) : DRD (Tech)**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Medical College & Hospital, Kolkata	10
2	N.R.S. Medical College & Hospital, Kolkata	12
3	R.G. Kar Medical College & Hospital, Kolkata	10
4	National Medical College & Hospital, Kolkata	10
5	Institute of Post Graduate Medical Education & Research, Kolkata	10
6	Burdwan Medical College & Hospital, Bardhaman	10
7	Bankura Sammilani Medical College & Hospital, Bankura	10
8	North Bengal Medical College & Hospital, Darjiling	10
9	Bangur Institute of Neurosciences & Psychiatry, Kolkata	8
10	Islamia Hospital-Institute of Paramedical Studies, Kolkata	5
11	Vivekananda Institute of Medical Sciences, Kolkata	8
12	Cancer Centre Welfare Home and Research Institute, Kolkata	4
13	Chittaranjan National Cancer Institute, Kolkata	6
14	Rabindranath Tagore International Institute of Cardiac Sciences, Kolkata	6
15	Sonoscan Educational Institute, Malda	10

**Name of the Course : Diploma in Medical Laboratory Technology : DMLT (Tech)**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Medical College & Hospital, Kolkata	18
2	N.R.S. Medical College & Hospital, Kolkata	12
3	R.G. Kar Medical College & Hospital, Kolkata	18
4	National Medical College & Hospital, Kolkata	18
5	Institute of Post Graduate Medical Education & Research, Kolkata	20
6	Burdwan Medical College & Hospital, Bardhaman	20
7	Bankura Sammilani Medical College & Hospital, Bankura	15
8	North Bengal Medical College & Hospital, Darjiling	30
9	Medinipur Medical College & Hospital, Medinipur	20
10	Islamia Hospital-Institute of Paramedical Studies, Kolkata	12
11	Vivekananda Institute of Medical Sciences, Kolkata	15
12	Cancer Centre Welfare Home and Research Institute, Kolkata	8
13	Rabindranath Tagore International Institute of Cardiac Sciences, Kolkata	10
14	U.S. Institute of Medical Technology, Kolkata	15
15	Sonoscan Educational Institute, Malda	14
16	Kolkata Port Trust Centenary Hospital	10
17	Sebayatan School of Medical Technology, Singur	12
18	E S I Hospital, Manicktala, Kolkata	20
19	Desun Hospital & Heart Institute, Kolkata	10
20	Institute of Child Health, Kolkata	6

**Table X.12 : Seats of Para Medical Courses in Different Medical Colleges / Institutions & Affiliated Institutions for 2011-12 (State Medical Faculty of West Bengal)- contd.**

**Name of the Course : Diploma in Radiotherapeutic Technology : DRT (Tech)**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Medical College & Hospital, Kolkata	4
2	N.R.S. Medical College & Hospital, Kolkata	2
3	Institute of Post Graduate Medical Education & Research, Kolkata	2
4	Burdwan Medical College & Hospital, Burdwan	2
5	Bankura Sammilani Medical College & Hospital, Bankura	2
6	Chittaranjan National Cancer Institute, Kolkata	4
7	Cancer Centre Welfare Home and Research Institute, Kolkata	4
8	Apollo Gleneagles Hospital, Kolkata	4

**Name of the Course : Diploma in Physiotherapy : DPT**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Medical College & Hospital, Kolkata	15
2	N.R.S. Medical College & Hospital, Kolkata	15
3	R.G. Kar Medical College & Hospital, Kolkata	10
4	National Medical College & Hospital, Kolkata	10
5	Bankura Sammilani Medical College & Hospital, Bankura	5
6	North Bengal Medical College & Hospital, Darjiling	5

**Name of the Course : Diploma in Optometry with Ophthalmic Technique : D.OPT.**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Regional Institute of Ophthalmology, Kolkata	20
2	Sushrut Eye foundation & Research Centre, Kolkata	15
3	Eye Care & Research Centre, Kolkata	5
4	Rotary Narayan Netralaya, Kolkata	5
5	Vivekananda Mission Ashram, Chaitanyapur, Haldia	10

**Name of the Course : Diploma in Neuro Electro Physiology : DNEP**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	N.R.S. Medical College & Hospital, Kolkata	2
2	R. G. Kar Medical College & Hospital, Kolkata	2
3	Bangur Institute of Neuro Sciences & Psychiatry, Kolkata	5
4	Rabindranath Tagore International Institute of Cardiac Sciences, Kolkata	2

**Name of the Course : Diploma in Perfusion Technology : DPFT**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Medical College & Hospital, Kolkata	4
2	N.R.S. Medical College & Hospital, Kolkata	2
3	R. G. Kar Medical College & Hospital, Kolkata	2
4	Institute of Post Graduate Medical Education & Research, Kolkata	4
5	Rabindranath Tagore International Institute of Cardiac Sciences, Kolkata	5

**Table X.12 : Seats of Para Medical Courses in Different Medical Colleges / Institutions & Affiliated Institutions for 2011-12 (State Medical Faculty of West Bengal)- conold.**

**Name of the Course : Diploma in Cath-Lab Technician : DCLT**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Medical College & Hospital, Kolkata	2
2	N.R.S. Medical College & Hospital, Kolkata	2
3	R.G. Kar Medical College & Hospital, Kolkata	2
4	National Medical College & Hospital, Kolkata	2
5	Institute of Post Graduate Medical Education & Research, Kolkata	6
6	Rabindranath Tagore International Institute of Cardiac Sciences, Kolkata	4
7	Apollo Gleneagles Hospitals, Kolkata	4

**Name of the Course : Diploma in Dialysis Technician Course**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Institute of Post Graduate Medical Education & Research, Kolkata	16
2	North Bengal Medical College, Darjiling	5
3	Sonoscan Educational Institute, Malda	5
4	Rabindranath Tagore International Institute of Cardiac Sciences, Kolkata	10
5	Anandalok Medical Centre Pvt. Ltd., Siliguri	6
6	Apollo Gleneagles Hospital, Kolkata	6

**Name of the Course : Diploma in Critical Care Technology : DCCT**

Sl. No.	Name of the Colleges / Institutions	Number of Seats
1	Medical College & Hospital, Kolkata	4
2	R. G. Kar Medical College & Hospital, Kolkata	2
3	National Medical College & Hospital, Kolkata	2
4	Institute of Post Graduate Medical Education & Research, Kolkata	10
5	Bangur Institute of Neuro Sciences & Psychiatry, Kolkata	4
6	Anandalok Medical Centre Pvt. Ltd., Siliguri	6
7	Desun Hospital & Heart Institute, Kolkata	8
8	Apollo Gleneagles Hospital, Kolkata	5

## **Chapter – XI**

# **AYURVEDIC, HOMEOPATHIC AND ACUPUNCTURE SYSTEM**

---

---



**Table XI.1.1: Facilities Available for Treatment in Ayurvedic System of Medicine in West Bengal during 2011 -12**

Sl. No	State facility	Number
1	State Ayurvedic Dispensaries	94
2	BPHC with Ayurvedic Unit	71
3	PHC with Ayurvedic Unit	83
4	Rural Hospital with Ayurvedic Unit	33
5	Subdivisional Hospital with Ayurvedic Unit	7
6	State General Hospital with Ayurvedic Unit	3
7	District Hospital with Ayurvedic Unit	4
8	Govt. Teaching Hospital	3
9	Private Teaching Hospital	1

Source: Directorate of Ayurveda, West Bengal

**Table XI.1.2: Education Facilities Available under Ayurvedic System of Medicine in West Bengal during 2011-12**

Name of the Institution (Ayurveda)	Name of the course	Duration of the course	Seat Capacity	Agency by whom Degree/ Diploma awarded	Number admitteed	Number passed out	Number of Beds
J. B. Roy State Ayurvedic Medical College and Hospitals, Kolkata - 4	BAMS (Ayurveda-charya)	4 years and 6 months	60	University Health Sciences	60	34	214
Institute of Post-Graduate Ayurvedic Education and Research at Shyamadas Vaidya Shastra Pith, Kolkata - 9	(Post Graduate Course) MD (Ayurveda)	3 years	10	University Health Sciences	10	Nil	150
Centre for Training in Ayurvedic Pharmacy at Viswanath Ayurveda Mahavidyalaya, Kolkata - 5	Certificate Course in Ayurvedic Pharmacy	2 years	20	Govt. of West Bengal	20	5	20
Belly-Shankarpur Rajib Gandhi Memorial Ayurved College & Hospital, P.O. Kushdanga, Dist. North 24-Parganas	BAMS (Ayurveda-charya) (Private College)	4 years and 6 months	50	University of Health Sciences	50	47	100

Source: Directorate of Ayurveda, West Bengal



**Table XI.1.3: Ayurvedic College & Dispensaries in the Districts of West Bengal during 2011-12**

District	Ayurvedic College & Hospital	State Ayurvedic Dispensaries	Ayurvedic Dispensaries Dispensary attached to						Total
			B.P.H.C.	P.H.C.	R.H.	S.D. Hospital	S.G. Hospital	District Hospital	
Koch Bihar	Nil	7	1	6	1	1	-	1	17
Jalpaiguri	-	2	-	7	1	-	-	-	10
Darjiling	-	5	-	3	-	-	-	-	8
Uttar Dinajpur	-	3	1	1	-	-	-	1	6
Dakshin Dinajpur	-	3	-	1	1	1	-	-	6
Malda	-	4	1	4	2	-	-	-	11
Murshidabad	-	7	9	7	4	-	-	-	27
Nadia	-	5	10	5	4	1	1	-	26
North 24-Parganas	1	10	-	-	-	-	1	-	12
South 24-Parganas	-	5	-	4	2	1	1	-	13
Haora	-	8	6	1	3	-	-	-	18
Hugli	-	7	7	3	7	-	-	-	24
Barddhaman	-	7	13	5	4	-	-	1	30
Bankura	-	9	4	8	1	-	-	-	22
Purba Medinipur	-	3	3	1	1	1	-	-	9
Paschim Medinipur	-	1	-	10	-	-	-	-	11
Puruliya	-	-	8	12	1	1	-	1	23
Birbhum	-	7	8	5	1	1	-	-	22
Kolkata	3	1	-	-	-	-	-	-	4
<b>Total</b>	<b>4</b>	<b>94</b>	<b>71</b>	<b>83</b>	<b>33</b>	<b>7</b>	<b>3</b>	<b>4</b>	<b>299</b>

Source : Registrar, Paschim Banga Ayurvedic Parishad

**Table XI.1.4: Ayurvedic Practitioners Registered with the Paschim Banga Ayurvedic Parishad**

Year	Total no. in the active list upto the last day of the previous year	Additional number registered upto the last day of the year	Total upto the last day of the year	Number deleted upto the last day of the year	Number in the active list as stood on the last day of the year
1999	2873	50	2923	Nil	2923
2000	2923	37	2960	Nil	2960
2001	2960	54	3014	Nil	3014
2002	3014	38	3052	Nil	3052
2003	3052	44	3096	Nil	3096
2004	3096	43	3139	Nil	3139
2005	3139	37	3176	Nil	3176
2006	3176	58	3234	Nil	3234
2007	3234	39	3273	Nil	3273
2008-09	3334	28	3362	Nil	3362
2009-10	3362	96	3458	Nil	3458
2010-11	3458	3	3461	Nil	3461
2011-12	3461	184	3645	Nil	3645

Source : Registrar, Paschim Banga Ayurvedic Parishad

**Table XI.1.5: Facilities Available for Treatment in Ayurvedic System of Medicine under Centrally Sponsored Scheme in West Bengal during 2011-12**

Sl. No	Name of the Ayurvedic Wing Unit/ Clinic	Number
1	Panchakarma Therapy Unit	4
2	Ksharsutra Unit	4
3	Ayurvedic Speciality Clinic	18

**Table XI.1.6: Ayurvedic Wing & Ayurvedic Speciality Clinic under Centrally Sponsored Scheme in the Districts of West Bengal during 2011-12**

District	Ayurvedic Wing		Ayurvedic Speciality Clinic		Total
	Panchakarma Unit	Ksharsutra Unit	S.D. Hospital	Rural Hospital	
	District Hospital				
Koch Bihar	1	-	1	-	2
Jalpaiguri	-	-	1	-	1
Darjiling	-	-	1	-	1
Uttar Dinajpur	-	-	1	-	1
Dakshin Dinajpur	1	-	1	-	2
Malda	-	1	1	-	2
Murshidabad	-	-	1	-	1
Nadia	-	1	-	1	2
North 24-Parganas	-	-	1	-	1
South 24-Parganas	-	-	1	-	1
Haora	1	-	1	-	2
Hugli	-	1	1	-	2
Barddhaman	-	-	1	-	1
Bankura	-	-	1	-	1
Purba Medinipur	-	-	1	-	1
Paschim Medinipur	-	-	1	-	1
Puruliya	1	-	1	-	2
Birbhum	-	1	1	-	2
<b>Total</b>	<b>4</b>	<b>4</b>	<b>17</b>	<b>1</b>	<b>26</b>

Source: Directorate of Ayurveda, West Bengal

**Table XI.2.1 : Facilities Available for Education in Homoeopathic System of Medicine (BHMS)  
Course in West Bengal as on 01.04.2012**

Sl. No.	Institution	Address	Under the management of	Admission Capacity	No. of beds available	Affiliated to
1	Calcutta Homoeopathic Medical College & Hospital	265-266, A.P.C.Road, Kolkata-9	State Government	50	50	Affiliated to University of Health Science W.B.
2	D.N. De, Homoeopathic Medical College & Hospital	12, Gobinda Khatick Road, Kolkata- 46	State Government	50	50	Affiliated to University of Health Science W.B.
3	Maresh Bhattacharyya Homoeopathic Medical College & Hospital	Drainage Canal Road, Doomurjola, Howrah-711104	State Government	50	50	Affiliated to University of Health Science W.B.
4	Midnapore Homoeopathic Medical College & Hospital	P.O. & Dist. Paschim Medinipur	State Government	50	50	Affiliated to University of Health Science W.B.
5	Pratap Chandra Memorial Homoeopathic Hospital & College	14/1, Narkeldanga North Road, Kolkata-11	Private	50	50	Affiliated to University of Health Science W.B.
6	Netai Chandra Chakraborty Homoeopathic Medical College & Hospital, Howrah	106-107, Joynarayan Babu Ananda Dutta Lane, Howrah- 711101	Private	60	60	Affiliated to University of Health Science W.B.
7	Kharagpur Homoeopathic Medical College & Hospital	Kausallya, P.O. Kharagpur, Paschim Midnapore, 721301	Private	50	50	Affiliated to University of Health Science W.B.
8	Birbhum Vivekananda Homoeopathic Medical College & Hospital	P.O. Sainthia, Dist.Birbhum	Private	60	60	Affiliated to University of Health Science W.B.
9	Burdwan Homoeopathic Medical College & Hospital	Nimbark Bhaban, Rajganj, P.O. Nutanganj, Dist. Burdwan 713102	Private	50	50	Affiliated to University of Health Science W.B.
10	Metropolitan Homoeopathic Medical College & Hospital, Sodepur	Ramchandrapur, P.O. Sodepur, Sodepur, Kolkata-110.	Private	50	50	Affiliated to University of Health Science W.B.
11	Bengal Homoeopathic Medical College & Hospital, Asansol	Ismile, P.O. Asansol, Dist. Burdwan - 713301	Private	50	50	Affiliated to University of Health Science W.B.
12	National Institute of Homoeopathy	Salt Lake	Central Govt.	50	100	Affiliated to University of Health Science W.B.
<b>Total</b>				<b>620</b>	<b>670</b>	

## XI.2.2 : Registered Homoeopathic Practitioners in West Bengal as on 31.03.2012

Part A	Part B	Total
29412	8095	37507

**Table XI.2.3: Facilities Available for Treatment in Homoeopathic System of Medicine in the State as on 01.04.2012**

Treatment facilities	Under the management of	Number of Units	Remarks
State Homoeopathic Dispensaries	State Government	545	
Gram Panchayet Homoeopathic Dispensaries	State Govt. only provide grant for remuneration of Part time Medical officers and Compounder-cum-dresser	975	These dispensaries are provided with part-time Homoeopathic Medical Officer & Compounder. In newly created 300 dispensaries there is no post of Compounder.
Speciality Clinic/ Special type of OPD	The Scheme is funded exclusively by the Dept. of AYUSH, Govt of India. The State Govt. has to arrange manning for the units.	14	The clinics are at 1.Uluberia S.D. Hospital, Howrah, 2. Balurghat S.D. Hospital, Dakshin Dinajpore, 3. Immambara Hospital, Hugli, 4. Chanchal S.D.Hospital, Malda, 5. Bongaon S. D. Hospital, North 24-Parganas, 6. Asansol S. D. Hospital, Barddhaman, 7. District Hospital, Nadia, 8. Bankura Sammilani Medical College, Bankura, 9. District Hospital, Kochbehar, 10. J N M Hospital, Nadia, 11. Raghunathpur S.D. Hospital, Puruliya, 12. Kharagpur S.D. Hospital, Paschim Medinipur, 13. Siliguri S.D. Hospital, Darjiling, 14. District Hospital, Uttar Dinajpur
Homoeopathy Wing (with indoor and outdoor facility)	The Scheme is funded exclusively by the Dept. of AYUSH, Govt. of India. The State Govt. has to arrange manning for the units.	4	Set up at 1. District Hospital, Purba Medinipur, 2. Berhampore General Hospital, Murshidabad, 3. Bangur Hospital, Tollygunj, South 24-Parganas and 4. District Hospital, Jalpaiguri
Tamluk, Purba Midnapore Homoeopathic Teaching Hospitals	State Govt.	4	200 beds
Homoeopathic Teaching Hospitals	Private	7	370 beds
National Institute of Homoeopathy	Central Govt.	1	100 beds
Homoeopathic Clinic under NRHM		100	

**Table XI.2.4 : District-wise Break-up of Degree Homoeopathic Medical College & Hospitals and Homoeopathic Dispensaries and Gram Panchayat Dispensaries As on 01.04.2012**

District	Degree Homoeopathic Medical College & Hospital	State Homoeopathic Dispensaries				Gram Panchayat Dispensaries
		SHD	BPHC	PHC	Total	
Bankura	0	20	1	5	26	68
Bardhaman	2	17	20	8	45	70
Birbhum	1	16	12	7	35	57
Koch Bihar	0	15	1	12	28	40
Dakshin Dinajpur	0	7	4	6	17	33
Darjiling	0	26	1	4	31	30
Hugli	0	19	9	0	28	52
Haora	2	11	10	6	27	47
Jalpaiguri	0	23	9	4	36	41
Malda	0	15	12	9	36	50
Murshidabad	0	15	8	10	33	70
Nadia	0	16	6	10	32	57
North 24-Parganas	1	16	1	1	18	60
South 24-Parganas	0	24	1	2	27	70
Purba Medinipur	0	14	1	14	29	63
Paschim Medinipur	2	18	0	21	39	82
Puruliya	0	16	5	15	36	50
Uttar Dinajpur	0	10	4	1	15	35
Kolkata	3	7	0	0	7	0
<b>Total</b>	<b>11</b>	<b>305</b>	<b>105</b>	<b>135</b>	<b>545</b>	<b>975</b>

**Table XI.2.5 : Facilities Available for Post Graduate Education in Homoeopathic System of Medicine as on 01.04.2012**

Institution	Address	Under the management of	Admission capacity				
			Repertory	Organon	Materia Medica	Medicine	Gynae. Obst.
D. N. Dey Homeopathic Medical College and Hospital	12, Gobinda khatick Road, Kolkata-700046	State Government	Nil	6	6	Nil	Nil
Mahesh Bhattacharyya Homeopathic Medical College and Hospital	Drainage Canal Road, Doomurjola, Howrah-711104	State Government	6	Nil	Nil	Nil	Nil
National Institute of Homoeopathy	Salt Lake	Central Government	6	6	6	3	3

**Table XI.2.6 : Facilities Available for Pharmacy Course in Homeopathy as on 01.04.2012**

Name of the Institution	Address	Management	Admission Capacity
Council of Homeopathic Medicine	9/1B, M.G. Road, Kolkata - 700009	Council of Homeopathic Medicine	100 students per year

**Table XI.2.7 : Patient Statement of SHDs of Different Districts of West Bengal during 2011 (January to December)**

Sl. No.	District	No. of Units	No. of reporting dispensaries	Average no. of patients treated month-wise per unit	Average no. of patients treated day-wise per unit	Total No. of patients treated
1	Kolkata	7	7	609	28	51194
2	North 24-Parganas	18	16	1081	49	207478
3	South 24-Parganas	27	23	778	35	214769
4	Haora	27	27	597	27	193501
5	Hugli	28	27	1027	47	332807
6	Bardhaman	45	27	718	33	232675
7	Paschim Medinipur	39	39	882	40	412702
8	Purba Medinipur	29	25	1386	63	415899
9	Bankura	26	17	887	40	180940
10	Puruliya	36	25	662	30	198731
11	Birbhum	35	20	653	30	156641
12	Murshidabad	33	28	729	33	244918
13	Nadia	32	26	997	45	311024
14	Malda	36	22	913	42	241147
15	Uttar Dinajpur	15	8	945	43	90766
16	Dakshin Dinajpur	17	9	1504	68	162426
17	Jalpaiguri	36	35	592	27	248561
18	Koch Bihar	28	11	634	29	83648
19	Darjiling	31	14	626	28	105093
	<b>Total</b>	<b>545</b>	<b>406</b>	<b>838</b>	<b>35</b>	<b>4084920</b>

**Table XI.3.1: Government Acupuncture Clinics, Research & Training in West Bengal**

## **I. Dr. B. K. Basu Memorial Research & Training Institute of Acupuncture**

**( Started functioning since February 3, 1987)**

**a)** At present there are 3 acupuncture clinics under the institute **at Kolkata:**

- i) Sambhu Nath Pandit Hospital, Kolkata-20
- ii) NRS Medical College Hospital, Kolkata-14
- iii) B. K. Basu Clinic (Prince Anwar Shah Road), Kolkata-45

**b) Research works:**

Clinical researches are done regularly to observe effects of acupuncture in various diseases particularly in arthritis, painful conditions, ischaemic limbs (Buerger's disease), Type-2 Diabetes, etc. Publications have been made in Journal of Acupuncture Association of India. Some research works were done in acupuncture in collaboration with S.N. Pradhan Centre for Neurosciences, University College of Medicine, Kolkata.

Two scientific papers have been published in 'World Journal of Acupuncture Moxibustion', Beijing, China, viz., a) *Relation of ABO Blood Group with Efficacy of Acupuncture* and b) *Effect of Acupuncture in Plasma Glucose Level in Human Volunteers*.

At present clinical researches are being done to see efficiency of acupuncture in hyperglycaemia (PP plasma sugar < 199 mg%) patients.

**c) Training programme:**

16 weeks Certificate in Acupuncture Courses (affiliated to Council of Acupuncture Therapy, West Bengal) are conducted. [ Eligibility Criteria : Qualified registered medical practitioners ( M.B.B.S., B.A.M.S., B.H.M.S., D.H.M.S., D.M.S., B.D.S. or equivalent ), Course fees : Rs. 2500 ]

210 doctors had undergone Certificate in Acupuncture courses in 22 batches up to April, 2012.

**d) Number of patients treated: (up to 31.12.2011)**

New case: 16349

Total number of attendance of patients: 372259

## **II. Acupuncture Clinics at district hospitals:**

Acupuncture clinics at all the 18 district hospitals and in 10 sub-divisional hospitals (Diamond Harbour, Uluberia, Contai, Haldia, Arambagh, Bishnupur, Katwa, Ranaghat, Basirhat, Alipurduar) have been set up. Patients' attendance in the district hospital clinics in 2011 was 78868.

## **III. Council of Acupuncture Therapy:**

Acupuncture therapy is legally recognised in West Bengal through 'The West Bengal Acupuncture system of Therapy Act, 1996'. Council of Acupuncture Therapy, West Bengal is functioning since April, 1997. The Council renders registration certificate to eligible candidates and regulates acupuncture practice and teaching.

Number of Registered Acupuncture Practitioners (up to 31.12.2011):

**In Part A : 388**

**In Part B : 141**

There is one private **Acupuncture Medical College** in Kolkata which conducts Diploma in acupuncture Therapy (three and half year) for freshers.

**Table XI.3.2: Disease-wise Break up of New Patients Treated in Acupuncture Clinic during February, 1987 to December, 2011**

(SNP Hospital Clinic: from 3 Feb., 1987;

BK Basu Clinic: from 2 Aug., 1995;

NRS Hospital Clinic: from 21 Sept., 1995)

Sl. No.	Disease	No. of patients
1	Osteoarthritis	4224
2	Polyarthritis/rheumatoid arthritis	1471
3	Low back pain with or without sciatica	3163
4	Frozen shoulder/periartthritis	814
5	Cervical spondylosis/neck pain	1108
6	Pain & stiffness of elbow (Tennis elbow, Golfer's elbow, Epicondylitis)	237
7	Plantar fascitis, calcaneal spur, heel pain	326
8	Bursitis, trigger finger, ganglion, Dequervan's disease	314
9	Ankylosing spondylitis, vertebral column pain	134
10	Fibromyositis, myalgias, costochondritis	284
11	Gouty arthritis	34
12	Sports injuries	1006
13	Traumatic pain/sprain	288
14	Post fracture pain, stiffness	77
15	Neuralgias	131
16	Neuropathies	67
17	Foot drop	5
18	Motor neuron disease	10
19	Epilepsy	9
20	Hemiparesis, paraparesis, Post-polio paresis, Cerebral palsy	352
21	Facial palsy, Bell's palsy	61
22	Ptosis	11
23	Cerebellar diseases	9
24	Parkinsonism	34
25	Dystonia	4
26	Bronchial asthma	288
27	Sinusitis, rhinitis	283
28	Tonsillitis	15
29	Headache, migraine	160
30	Mental disorder/anxiety neurosis	32
31	Insomnia	16
32	Writer's cramp	28
33	Buerger's and Raynaud's disease	195
34	Dysmenorrhoea	46
35	Pelvic inflammatory disease	23
36	Impotence	23
37	Deafness, tinnitus, Meniere's disease	17
38	Eye diseases	39
39	Peptic ulcer syndrome, irritable bowel syndrome	52
40	Alopecia	25
41	Diabetes mellitus	44
42	Senile problems (constipation, tremor etc.)	12
43	Miscellaneous	878
<b>TOTAL</b>		<b>16349</b>



**Table XI.3.3 : Statistics of Patients (up to 31.12.2011) in  
Dr. B.K. Basu Memorial Research & Training Institute of Acupuncture**

**Total number of patients' attendance : 372259**

**Total number of new patients : 16349**

Year	SNP Clinic (3 Feb 1987)		BKB Clinic (2 Aug 1995)		NRS Clinic (21 Sept 1995)		All Clinises Combined	
	New patients	Total	New patients	Total	New patients	Total	Annual Total	Cumulative Total
1987	120	1868	-	-	-	-	1868	1868
1988	129	2868	-	-	-	-	2868	4736
1989	148	2335	-	-	-	-	2335	7071
1990	328	6148	-	-	-	-	6148	13219
1991	207	6168	-	-	-	-	6168	19387
1992	296	5915	-	-	-	-	5915	25302
1993	239	4802	-	-	-	-	4802	30104
1994	346	7369	-	-	-	-	7369	37473
1995	301	6672	55	455	35	349	7476	44949
1996	297	5635	125	2411	105	1888	9934	54883
1997	341	7317	285	5342	131	1825	14484	69367
1998	395	8013	325	7601	101	1837	17451	86818
1999	471	8346	360	8926	97	2011	19283	106101
2000	363	8735	389	8661	108	2251	19647	125748
2001	444	9289	390	9164	109	2304	20757	146505
2002	408	8908	403	10004	56	1956	20868	167373
2003	405	9014	388	11029	66	1616	21659	189032
2004	351	7957	410	10959	60	1424	20340	209372
2005	333	8331	386	10506	166	2803	21640	231012
2006	379	6608	313	9730	127	3384	19722	250734
2007	443	7053	336	9926	119	2974	19953	270687
2008	366	8460	423	11631	136	3313	23404	294091
2009	371	6851	344	11924	251	3876	22651	316742
2010	263	7252	435	13082	225	5889	26223	342965
2011	393	8511	529	15223	444	5560	29294	372259
<b>Total</b>	<b>8137</b>	<b>170425</b>	<b>5876</b>	<b>156574</b>	<b>2336</b>	<b>45260</b>	<b>372259</b>	

## **Chapter – XII**

# **INFORMATION, EDUCATION AND COMMUNICATION**

---

---



**Table XII. 1: Information, Education and Communication**

**Principal IEC activities**

1. Development & printing of IEC materials.
2. Development and release of advertisements in newspapers and periodicals.
3. Development and broadcast/ telecast of audio /video spots, jingles through electronic media.
4. Participations in fairs and exhibition by setting up stalls, gates, and display through Banners and exhibits.
5. Mass awareness generation through folk media.
6. Organization of activities on special days viz. World AIDS Day, World Voluntary Blood Donor Day, World Population Day, etc.
7. Outdoor activities through Tableau, hoarding and exhibits.
8. Mainstreaming & training activities under WBSAP & CS.

**Activities of the IEC Division of the Health Directorate during 2011-12**

**I. Campaign through Electronic Media in 2011-12:**

**A. Broadcast of Audio Jingles on Radio including FM Channels**

Sl. No.	No. of Channels & Name of the Channel	Name of the programme	Total Episode & Seconds
1	All India Radio: AIR- Kolkata PC, AIR- Siliguri, AIR-Shantinikatan, AIR-Murshidabad, AIR FM (Rainbow)	<ul style="list-style-type: none"> <li>• Jingle on Malaria( Bengali &amp; Hindi)</li> <li>• Routine Immunization (Bengali &amp; Urdu)</li> <li>• JSY(Bengali &amp; Urdu),</li> <li>• Age of marriage in Urdu,</li> <li>• PNDT</li> <li>• NSV</li> <li>• Eye-donation</li> <li>• Prevention of Food Adulteration(PFA)</li> <li>• Control of Blindness &amp; TB</li> </ul>	270 days

## B. Telecast of Audio-Visual Spots on Television

Sl. No.	Subject	No. of Channels	Duration
1.	Telecast of Video-spot on Filaria	5 Channels	15 days
2.	Telecast of Video-spot on Kala-azar	3 Channels	15 days
3.	Telecast of Video-spot on Eye-donation & cataract surgery	5 Channels	4 weeks
4.	Telecast of Video-spot on Usages of Amla and promotion of Amla plantation	3 channels	5 weeks

## C. Long Format Radio Programme

Sl. No.	No. of Channels & Name of the Channel	Name of the programme	Duration
1.	One /All India Radio, AIR- Kolkata, AIR- Siliguri, AIR-Shantinikatan, AIR-Murshidabad, AIR FM(Rainbow)	30 minutes pre recorded weekly programme Ashar Khatha (Meant for ASHA & other Front Line Health Worker)	39 Episode/weeks, 1170 minutes
2.	All India Radio, Kolkata PC, AIR- Siliguri, AIR-Shantinikatan, AIR- Murshidabad, AIR FM(Rainbow)	Live Phone in sponsored programme on "ASHAR KATHA"(30 minute duration)	13 weeks on Wednesday

## D. Preparation of Audio/Audio-Visual Spots in 2011-12

Sl.No.	Subject	Quantity
1.	Video Spots on Eye donation	2 (two)

## II. Campaign through Folk Media

Sl. No.	Subject	No. of Folk troupes	No. of programmes in the District of West Bengal
1.	National Iodine deficiency disease control Programme (NIDDCP)	19	357 programmes in 8 districts
2.	Folk programe on Kala-azar	12	102 programmes in 5 districts
	Folk programe on Kala-azar	12	117 programmes in 9 districts
3.	Folk programmes on National Control of Blindness (NPCB)	19	357 programmes in 8 districts

## III. Printing of IEC & Other Materials during 2011-12

SLNo.	Name of the printing materials	Quantity in No.
1.	Printing of leaflet on Gastro entities	3500
2.	Printing of NRC materials	
	i) SAM Chart	1000
	ii) NRC Register	100
	iii) OPD Discharge Follow up ticket	10000
	iv) Colour lamination panel ( a set of 16 boards)	100
	v) Case sheet	100
	vi) Bed side chart	10000
3.	Folder on Operative Guideline for Medical Officers	7000
4.	Monthly News letter for Medical Officers SWASTHYA TARANGA	2000
5.	IEC materials for NRC and OPD centers	
6.	NRC IEC materials on vinyl Board 41(pcs.) x 4(types)	164
7.	Production of Flash card	41
8.	NRC IEC materials on Flex for OPD	240
9.	Sub. Centre Reporting Formats Customized	361944
10.	Folder on Health related issues for folk campaign	100000
11.	Different Training & IEC materials for M.O. & Nursing Staff	6000
12.	Printing & Delivery of Training & IEC materials for M.O. and Nursing Personnel ((IMPAC)	4000
13.	Six formats on Maternal Death Review	228830
14.	Poster on Kala- ajar	30000
15.	Protocol posters (to be printed as flip chart)	500 set of 16 pieces
16.	My safe Motherhood booklet (Bengali version) to be distributed at all pregnant women	2669000
17.	Flyer on NSV to be distributed to the community people	3186800
18.	Flyer on IUCD to be distributed to the service provider	107840
19.	Flyer on IUCD to be distributed to the acceptor	3220900
20.	Photograph Booklet (in English)	18000
21.	Facilitators Guide Book (in English)	5000
22.	Wall Chart	200 Sets x(One set of 16 pieces A1 Vinyl board.)

## III. Printing of IEC & Other Materials- conclud.

SL.No.	Name of the printing materials	Quantity in No.
23.	Group Checklist for clinical signs < 2 months in Bengali [size A1 paper (non lamination)]	4000
24.	Group Checklist for clinical signs 2m-5yrs in Bengali [size A1 paper (non lamination)]	4000 copies
25.	Checklist for monitoring clinical sessions < 2m for facilitators English	14000
26.	Checklist for monitoring clinical sessions < 2m-5yrs for facilitators English	10000
27.	No. of Evaluation forms in Bengali	14000
28.	No. of growth chart sets for male and female multi colour A4 size	52500
29.	Planning session format	20000
30.	No. of training report forms in English one side print	1600
31.	BPHC/PHC monthly report forms	6000
32.	Travel reimbursement forms	5000
33.	Training Schedule forms	5000
34.	Booklet on referral card (50 cards, colour – Pink with a cover Card Board)	32000
35.	District monthly reporting format	1000
36.	District progress report form	1000
37.	Training Modules (in Bengali)	18000
38.	Chart Booklets (in Bengali)	19200
39.	Booklet on IMNCI implementation report in English	8500
40.	Folder on Eye care	80000
41.	Training Manual on Adolescent Health care	14000
42.	Booklet on Anaemia Control for School Teachers Training	20000
43.	Vinyl Board On Eye donation	600
44.	Compendium of guideline issued related to ASHA programme	500
45.	ANC & PNC Vinyl Board	200
46.	IUCD leaflets for clients	5000
47.	Printing of Health on the March 2010-2011	3000
48.	NSSK-Facilitators Guide Book	100
49.	NSSK Participants Manual in English	4000
50.	Printing & Delivery of Mother & Child protection Card	2255990

## IV. Production & Delivery of IEC Materials on PPI Programme during 2011-2012

### i) Production of Printed IEC Materials

Sl.No.	Round	No. of Posters	No. of Street Banner	No. of Booth Banner	No. of TPT Jacket	No. of ID Badge
1.	SNID 24 <sup>th</sup> 2011	79564	4580	39782	-	83377
2.	SNID 29 <sup>th</sup> May 2011	79564	4580	39782	-	83377
3.	SNID 26 <sup>th</sup> June 2011	79564	4580	39782	-	83377
4.	SNID 28 <sup>th</sup> August 2011	79564	4580	39782	-	83377
5.	SNID 25 <sup>th</sup> September 2011	79564	4580	39782	-	83377
6.	SNID 13 <sup>th</sup> November 2011	79564	4580	39782	-	83377
7.	SNID 15 <sup>th</sup> January 2012	61954	4620	30977	-	64833
8.	NID 19 <sup>th</sup> February 2012	199724	7840	160690	6325	325051
9.	SNID 18 <sup>th</sup> March 2012	85394	5355	49723	3494	100410
<b>TOTAL :</b>		<b>824456</b>	<b>45195</b>	<b>480352</b>	<b>9819</b>	<b>990556</b>

### ii) Replication of Audio C.D.s for PPI Programme (NID/SNID)

Sl.No.	Round	Quantity in No.
1.	SNID 24 <sup>th</sup> 2011	1311
2.	SNID 29 <sup>th</sup> May 2011	1311
3.	SNID 26 <sup>th</sup> June 2011	1311
4.	SNID 28 <sup>th</sup> August 2011	1311
5.	SNID 25 <sup>th</sup> September 2011	1311
6.	SNID 13 <sup>th</sup> November 2011	1311
7.	SNID 15 <sup>th</sup> January 2012	1076
8.	NID 19 <sup>th</sup> February 2012	2606
9.	SNID 18 <sup>th</sup> March 2012	1452
<b>TOTAL :</b>		<b>13000</b>

## V. Publication of Newspaper Advertisements :-

The IEC Division directly released advertisements of the Deptt. of Health & Family Welfare, Govt. of West Bengal and the Directorates & organizations like- West Bengal State AIDS Prevention & Control Society (WBSAP&CS), West Bengal State Health & Family Welfare Samity (WBSH&FWS), West Bengal Medical Services Corporation (WBMSC), etc. under its control at rates approved by the I.&CA Deptt. of the Govt. of West Bengal.

## VI. Outdoor Activities:-

It included setting up of stalls at exhibitions and fairs in different districts.



## IEC Activities of the West Bengal State AIDS Prevention & Control Society during 2011-12

### I. Campaign through Electronic Media:

#### A. Broadcast of Audio Jingles on Radio including FM Channels

Sl. No.	No. of Channels & Name of the Channel	Name of the programme	Total Episode
1.	All India Radio: AIR- Kolkata PC, AIR- Siliguri, AIR-Shantinikatan, AIR-Murshidabad, AIR FM(Rainbow)	<ul style="list-style-type: none"> <li>Jingle in Bengali on ICTC and ART</li> </ul>	2760

#### B. Telecast of Audio-Visual Spots on Television

Sl. No.	Subject	Channels	No. of episodes
1.	Telecast of Video-spot on ICTC and ART	DDK and other private TV channels	441

#### C. Long Format Radio Programme

No. of Channels & Name of the Channel	Name of the programme	Episodes
All India Radio: AIR- Kolkata, AIR- Siliguri and FM-Rainbow)	Live Phone in sponsored programme titled "RAKTER BANDHANE" of 30 minute duration	36

### II. Campaign through Folk Media:

Subject	No. of Folk troupes	No. of performances
Folk programmes on 07 focus areas	43	2193
Folk programme by SMO on Condom promotion	-	600

### III. Printing of IEC & other materials during 2011-12:

Sl. No.	Materials printed	Subject	Quantity (in nos.)
1.	Flipcharts	Migrant (HRG) workers	4300
2.	Leaflets	Basic information, STI, ART, ICTC, Positive Living	23200
3.	Booklets	Migrant (HRG) workers	155000
4.	Banners	Folk Media Campaign, World AIDS Day	290
5.	ID-cards	Folk Media Campaign	350
6.	Posters	ART, Stigma, ICTC, PPTCT, World AIDS Day	105000
7.	Table Calendar	World AIDS Day	50000
8.	Sunguards	World AIDS Day	20000
9.	Red Ribbons	World AIDS Day	50000

## IV. Publication of Newspaper Advertisements

Advertisements were published in different newspapers during the observance of World AIDS Day, World Blood Donor's Day, International Day against Drug Abuse and Illicit Trafficking and National Voluntary Blood Donation Day.

**Total no. of issues in which the advertisements were pulished during 2011-12 : 80**

## V. Outdoor Activities

### A. Outdoor IEC Materials

Sl. No.	Outdoor publicity materials	Quantity (in nos.)
1.	Permanent hoardings	80
2.	Bus panels	150 buses for 4 months
3.	Wall writings	18000

**B.** Participation in exhibitions and fairs in Kolkata and the districts.

**C.** Observance of events like – World AIDS Day, World Blood Donor Day, National Voluntary Blood Donation Day, International Day against Drug Abuse and Illicit Trafficking and National Youth Day.

## VI. Mainstreaming and Training

- Training of Frontline workers.
- Mainstreaming trainings for CSO/NGO/FBO.
- Mainstreaming trainings for transport and other workers / industrial trade unions.
- Mainstreaming trainings for Shelter Homes and Jail inmates.
- Mainstreaming trainings for Out of School Youths.
- Mainstreaming trainings for Police Personnel.

**Table XII.2 : Janani Shishu Suraksha Karyakram**

Health & Family Welfare Department, Govt. of West Bengal has implemented the following free services/ facilities in case of Pregnant Women & Sick Newborns till 30 days after birth.

### **Janani – Shishu Suraksha Karyakram**

(Assures NIL out of pocket expenses in all Government Health Facilities)

#### **Entitlement for Pregnant Women:**

- Free and zero expense for Delivery and Caesarean Section
- Free drugs and consumables
- Free essential Diagnostics (Blood, Urine test and Ultra-sonography etc.)
- Free diet during stay in health institutions (Up to 3 days for normal delivery & 7 days for Caesarean Section)
- Free provision of blood
- Free transport from home to health institution
- Free transport between facilities in case of referral
- Drop back from institution to home after 48 hours in case of normal delivery & after 7 days in case of Caesarean Section
- Exemption from all kinds of user charges

#### **Entitlement for Sick Newborns till 30 days after birth:**

- Free and zero expense treatment
- Free drugs and consumables
- Free diagnostics
- Free provision of blood
- Free transport from home to health institution
- Free transport between facilities in case of referral
- Free drop back from facility to home
- Exemption from all kinds of user charges

# জননী শিশু সুরক্ষা কার্যক্রম

এখন সমস্ত সরকারী স্বাস্থ্য প্রতিষ্ঠানে বিনাখরচে নিশ্চিত পরিষেবা পাওয়া যায়



## গর্ভবতী মায়ের জন্য পরিষেবা

- বিনামূল্যে স্বাভাবিক প্রসব ও সিজারিয়ান অপারেশন।
- বিনামূল্যে ওষুধ ও অন্যান্য প্রয়োজনীয় সামগ্রী।
- বিনামূল্যে ডায়াগনস্টিক পরীক্ষা (রক্ত, মূত্র এবং আল্ট্রাসোনোগ্রাফি ইত্যাদি)।
- বিনামূল্যে খাবার (স্বাস্থ্য প্রতিষ্ঠানে থাকার সময়-যা স্বাভাবিক প্রসবের ক্ষেত্রে ৩ দিন পর্যন্ত এবং সিজারিয়ানে ক্ষেত্রে ৭ দিন পর্যন্ত পাওয়া যায়)।
- বিনামূল্যে রক্ত সরবরাহ।
- বিনামূল্যে বাড়ি থেকে স্বাস্থ্য প্রতিষ্ঠানে যাওয়ার ব্যবস্থা।
- বিনামূল্যে এক হাসপাতাল থেকে অন্য হাসপাতালে যাওয়ার ব্যবস্থা। (রোগীকে রেফার করার প্রয়োজন হলে)।
- বিনামূল্যে স্বাভাবিক প্রসবের ৪৮ ঘন্টা পরে এবং সিজারিয়ান অপারেশনের ৭ দিন পরে বাড়ি ফেরা।

## জন্মের ৩০ দিনের মধ্যে অসুস্থ নবজাতকের জন্য পরিষেবা

- বিনামূল্যে চিকিৎসা।
- বিনামূল্যে ওষুধ ও অন্যান্য প্রয়োজনীয় সামগ্রী।
- বিনামূল্যে ডায়াগনস্টিক পরীক্ষা নিরীক্ষা।
- বিনামূল্যে রক্ত সরবরাহ।
- বিনামূল্যে বাড়ি থেকে সরকারী স্বাস্থ্য প্রতিষ্ঠানে যাওয়া।
- বিনামূল্যে রেফারালের প্রয়োজনে এক হাসপাতাল থেকে অন্য হাসপাতালে যাওয়া।
- বিনামূল্যে স্বাস্থ্য প্রতিষ্ঠান থেকে বাড়ি ফেরা যাওয়া।

প্রসূতি মা ও অসুস্থ নবজাতকের সবরকম খরচ হাসপাতাল কর্তৃপক্ষ বহন করবে

অভিযোগ থাকলে সুপারিনটেনডেন্ট/বি.এম.ও.এইচ - এর সাথে যোগাযোগ করুন



স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার  
আই.ই.সি. ডিভিশন কর্তৃক প্রকাশিত

# আপনার জীবন সুস্থ ও সুন্দর হোক

আপনি কি মা হতে যাচ্ছেন?  
বিনামূল্যে ৪টি প্রাক প্রসব পরিষেবা নিন।  
কেবলমাত্র স্বাস্থ্য প্রতিষ্ঠানেই প্রসব করান।



আই.ই.সি. ডিভিশন কর্তৃক প্রকাশিত

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার



# হাসপাতালে প্রসব করান মা ও শিশুকে সুস্থ রাখুন



- গর্ভবতী হলেই নিকটবর্তী স্বাস্থ্যকেন্দ্রে নাম নথিভুক্ত করুন।
- দুটি টিটেনাস টিকা এবং ১০০টি আয়রণ বডি অবশ্যই খান।  
এই টিকা এবং বডি স্বাস্থ্যকেন্দ্রে বিনামূল্যে পাবেন।



স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার



## নবজাতকের যত্ন

- জন্মের পর পরই শিশুকে মায়ের দুধ খেতে দিন।
- শিশুকে উষ্ণ রাখুন।
- ঠাণ্ডা ও সংক্রমণের হাত থেকে রক্ষা করুন।



বিশদ জানাবার জন্য ও পরিষেবা পাওয়ার জন্য  
নিকটবর্তী স্বাস্থ্যকেন্দ্রে যোগাযোগ করুন

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার





## অসুস্থ নবজাতকের চিকিৎসা কেন্দ্র (SNCU)



স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর  
পশ্চিমবঙ্গ সরকার



# স্তন্যপান

আপনার বাচ্চাকে প্রথম ৬ মাস কেবলমাত্র  
বুকের দুধ খাওয়ান।



বুকের দুধ থেকে বাচ্চার কোন সংক্রমণের ভয় নেই।

বুকের দুধ আপনার বাচ্চাকে অসুখ থেকে বাঁচায়।

মায়ের বুকের প্রথম হলুদরঙের দুধ বা কলোস্ট্রাম  
অত্যন্ত পুষ্টিকর এবং রোগ প্রতিরোধক।

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার



আই. ই. সি. ডিভিশন কর্তৃক প্রকাশিত

# অপনার জীবন সুস্থ ও সুন্দর হোক

সুস্থতার লক্ষ্যে  
আপনার শিশুকে নিয়মমত সব ক'টি টিকা দিন



আই.ই.সি. ডিভিশন কর্তৃক প্রকাশিত

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার

# হেলে হোয়ে অম্মান



গর্ভস্থ শিশুর লিঙ্গ পরীক্ষা আইনতঃ দণ্ডনীয়

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার







## আপনার জীবন সুস্থ ও সুন্দর হোক

কন্যাসন্তানের যত্ন নিন।  
১৮ বছরের আগে কন্যার  
বিবাহ দেবেন না।

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার

আই.ই.সি. ডিভিশন কর্তৃক প্রকাশিত

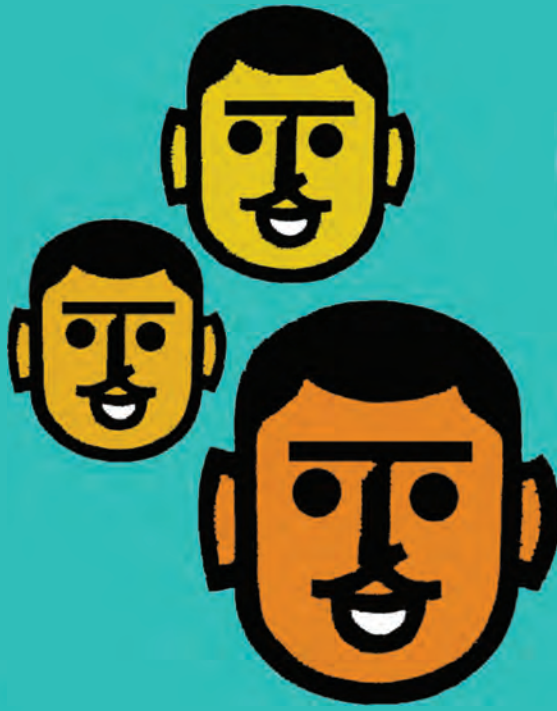


## আপনার জীবন সুস্থ ও সুন্দর হোক

আপনি কি মা হতে যাচ্ছেন?  
বিনামূল্যে ৪টি প্রাক প্রসব পরিষেবা নিন।  
কেবলমাত্র স্বাস্থ্য প্রতিষ্ঠানেই প্রসব করান।

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার

আই.ই.সি. ডিভিশন কর্তৃক প্রকাশিত



পরিবার সীমিত রাখতে

# পুরুষদের জন্য

## এন এস ভি

ছুরি কাঁচি ছাড়া

যন্ত্রনা-বিহীন অপারেশন

ঘাবড়াবেন না

- এতে আপনার দৈহিক ও যৌনশক্তি অটুট থাকবে।
- অপারেশনের ৪৮ ঘন্টা পরেই স্বাভাবিক কর্মজীবনে ফিরতে পারবেন।

সংসার ছোট রাখার সবচেয়ে ভালো উপায়  
**এন এস ভি** আপনিও যে  
দায়িত্ববান পুরুষ তা এবার বুঝিয়ে দিন।



স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার



আই.ই.সি. ডিভিশন কর্তৃক প্রকাশিত



## কালাজ্বর কী?

কালাজ্বর, ম্যালেরিয়ার মতোই একটি পরজীবীঘটিত অসুখ। বেলমাছির কামড়ে এই রোগ হয়।



## কালাজ্বর ছড়ায় কী ভাবে?

বেলেমাছি কোনও কালাজ্বর জীবাণু বহনকারী মানুষকে কামড়ালে, শোষিত রক্তের সঙ্গে পরজীবী, বেলমাছির শরীরে চলে আসে। কিছু দিন পর সেই বেলমাছি আবার কোনও সুস্থ মানুষকে কামড়ালে, তার কালাজ্বর হতে পারে।

আতঙ্কিত হবেন না। সঠিক এবং সময়মতো চিকিৎসায় কালাজ্বর সম্পূর্ণ সেরে যায়।

## কালাজ্বর রোগ নির্ণয় ও চিকিৎসা এখন বিনামূল্যে

### কালাজ্বর রোগের লক্ষণ-

- ১৫ দিনের বেশি একটানা জ্বর (যা অ্যান্টিবায়োটিক বা ম্যালেরিয়ার ঔষধে সারছে না)
- সঙ্গে পিলে ও লিভার বড় হয়ে পেট ফুলে যাওয়া
- রক্তপ্লতা, ওজন হ্রাস
- গায়ে সাদা-সাদা বা লাল দাগ অথবা গুটি (পুরনো কালাজ্বর রোগীর ক্ষেত্রে)

অনেক দিনের জ্বরে গায়ের রং কালো হতে পারে বলে একে কালাজ্বর বলা হয়।



### এমন পরিস্থিতিতে-

- কালাজ্বরের জন্য বিশেষ রক্তপরীক্ষা করিয়ে ফল জানুন তখনই
- রোগ প্রমাণ হলে টানা আঠাশ দিন ওষুধ খান
- সরকারি স্বাস্থ্যকেন্দ্রে এই দুই সুবিধা পাবেন একেবারে বিনামূল্যে
- মনে রাখবেন, ওষুধের কোর্স সম্পূর্ণ না করলে, পুনরায় কালাজ্বর, এমনকী মৃত্যু পর্যন্ত হতে পারে।

কালাজ্বর নির্মূল করতে গেলে, সবথেকে আগে প্রয়োজন আপনার সচেতন হওয়া।

মনে রাখবেন, কালাজ্বর ছোঁয়াচে নয়। তবে অবহেলা করলে এই রোগ মহামারীর আকার ধারণ করতে পারে। তাই,

- কালাজ্বরের বাহক বেলমাছি ধ্বংসের জন্য ঘর, খাটাল ও গোয়ালের ভিতর স্বাস্থ্য দপ্তরের সুপারিশ করা কীটনাশক স্প্রে করিয়ে নিন। বছরে অন্তত দুই বার।
- মেঝেতে নয়, মাচা, খাটিয়া বা কোনও উঁচু জায়গায় শোওয়া অভ্যাস করুন।
- স্প্রে-র পর, তিন মাস দেওয়াল লেপন বা চুনকাম করবেন না। প্রয়োজন হলে স্প্রে-র আগেই, দেওয়ালের গর্ত ও ফাটলগুলি বুজিয়ে দিন।
- পরিবেশ পরিচ্ছন্ন রাখুন।



স্বাস্থ্যকর্মীদের সহায়তা করুন।  
দেশ থেকে কালাজ্বর দূর করুন।

# এইচ আই ভি/এডস মানেই জীবনের শেষ নয়

ডায়াবেটিস, ক্যান্সার, উচ্চ-রক্তচাপের মত  
এইচ আই ভি/এডস নিয়েও বেঁচে থাকা যায়

নির্দিষ্ট  
সময়ানুযায়ী



প্রত্যেক  
দিন

## অ্যান্টি রেট্রোভাইরাল থেরাপি

এইচ আই ভি আক্রান্ত ব্যক্তিকে বেঁচে থাকতে ও  
জীবনের পথে এগিয়ে চলতে সাহায্য করে।



পশ্চিমবঙ্গ রাজ্য এডস প্রতিরোধ ও নিয়ন্ত্রণ সংস্থা  
কর্তৃক প্রচারিত





## এইচ আই ভি মুক্ত জীবন প্রতিটি সদ্যজাত শিশুর অধিকার

- সরকারী হাসপাতালে প্রসব করান
- বিনামূল্যে ও গোপনীয়তা বজায় রেখে এইচ আই ভি পরীক্ষা করান সরকারী হাসপাতালে
- সদ্যজাত শিশুর সংক্রমণ অধিকাংশ ক্ষেত্রে প্রতিরোধ করা যায়



গর্ভাবস্থায় অন্ততঃ একবার নিকটবর্তী  
আই সি টি সি-তে যোগাযোগ করুন।



পশ্চিমবঙ্গ রাজ্য এডস প্রতিরোধ ও নিয়ন্ত্রণ সংস্থা  
কর্তৃক প্রচারিত





## ১৪ই জুন, বিশ্ব রক্তদাতা দিবস

সকল স্বেচ্ছা রক্তদাতাকে জানাই আন্তরিক অভিনন্দন।

আমাদের রাজ্যে ৫৮টি সরকারী ব্লাড ব্যাঙ্কে রক্ত সংক্রান্ত সব রকমের পরিষেবা দেওয়া হয়। সরকারী ব্লাড ব্যাঙ্কে রক্তদাতার রক্ত যদি নির্দিষ্ট পরীক্ষায় উত্তীর্ণ হয়, তবেই সেই রক্ত ব্যবহারের জন্য সংরক্ষণ করা হয়। মুমূর্ষু মানুষকে নিরাপদ ও বিশুদ্ধ রক্ত দিতে কাছাকাছি সরকারী ব্লাড ব্যাঙ্কে নিয়মিত স্বেচ্ছায় রক্তদান করুন।

# হীরো যদি হতে চান, স্বেচ্ছায় করুন রক্তদান



## নিরাপদ ও নিয়মিত রক্তদাতা হয়ে ওঠুন

**World Blood Donor Day**  
"Celebrating the gift of blood" 14th June 2012



রাজ্য রক্ত সঞ্চালন পর্ষদ, পশ্চিমবঙ্গ  
পশ্চিমবঙ্গ রাজ্য এড্‌স প্রতিরোধ ও নিয়ন্ত্রণ সংস্থা



## সরকারী হাসপাতালে এখন ডেঙ্গু জ্বরের রোগনির্ণয় ও চিকিৎসার সুযোগ বিনামূল্যে

ডেঙ্গু একটি ভাইরাস ঘটিত জ্বর। ঈডিস ইজিপ্সাই নামে একপ্রকার মশা এই জ্বরের বাহক। এই মশা সাধারণতঃ দিনের বেলায় কামরায়।

### ডেঙ্গু জ্বরের সাধারণ লক্ষণ :

আকস্মিক তীব্র জ্বর, মাথা ব্যাথা,  
চোখের পিছনে, পেশীতে ও গাঁটে ব্যথা  
খাবারের অরুচি, বমিভাব, শ্বাসকষ্ট  
বুকে ও বাহুতে হামের মতো গুটি, ফুসকুড়ি  
নাক, মুখ, মাড়ি থেকে রক্তক্ষরণ, চামড়া ফেটে রক্ত পড়া ইত্যাদি।



### ডেঙ্গু জ্বরের চিকিৎসা :

উপরোক্ত লক্ষণ দেখা দিলে, নিজে থেকে অ্যাসপিরিন বা আইব্রুফেন জাতীয় ওষুধ খাবেন না। যত তাড়াতাড়ি সম্ভব, সরকারি হাসপাতালের ডাক্তারবাবুর পরামর্শ নিন। মনে রাখবেন, ঠিকমতো চিকিৎসা না-হলে ডেঙ্গু জ্বর মারাত্মক আকার ধারণ করতে পারে এবং এই রোগে মৃত্যু হতে পারে।

### কী ভাবে সাবধান হবেন ?

ফেলে রাখা পুরনো টায়ারে, ফুলের টবে, ডাবের খোলায়, অব্যবহৃত পাত্রে জল জমতে দেবেন না।

এয়ার-কুলার, চৌবাচ্চা, জলের ট্যাঙ্ক এবং বাড়ির অন্যান্য জলাধারের জল সপ্তাহে একদিন করে পালটান এবং সর্বদা ঢেকে রাখুন।

ঘরে রাখা বুলস্তু জিনিস বা আসবাবপত্র পরিষ্কার রাখুন।

বাড়ির চারপাশের পরিবেশ ও নর্দমা পরিষ্কার রাখুন।

শিশুদের গা-ঢাকা পোশাক পরান।

রাতের পাশাপাশি দিনের বেলাতেও,

শিশুদের জন্য মশারি ব্যবহার করুন।



স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার কর্তৃক প্রচারিত।

# বর্ষার জল জমবে যেখানে মশার বংশ বাড়বে সেখানে



ছোট ছোট যুক্তি  
ডেঙ্গু থেকে মুক্তি

- ফেলে রাখা পুরনো টায়ারে, ফুলের টবে, ডাবের খোলায়, অব্যবহৃত পাত্রে বৃষ্টির জল জমতে দেবেন না।
- বাড়ির চারপাশের পরিবেশ ও নর্দমা পরিষ্কার রাখুন।
- কুলার, চৌবাচ্চা, জলের ট্যাঙ্ক এবং বাড়ির অন্যান্য জলাধারের জল সপ্তাহে একদিন করে পালটান এবং যতটা সম্ভব ঢেকে রাখুন।
- মশার কামড় থেকে বাঁচাতে শিশুদের গা-ঢাকা পোশাক পরান।
- রাতের পাশাপাশি দিনের বেলাতেও শিশুদের জন্য মশারি ব্যবহার করুন।



সরকারী হাসপাতালে এখন **ডেঙ্গু** জ্বরের  
রোগনির্ণয় ও চিকিৎসার সুযোগ **বিনামূল্যে**

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার কর্তৃক প্রচারিত।





# চোখ! সময় থাকতে যত্ন নিন ... আর মৃত্যুর পর দান করুন



## চোখ একটি অমূল্য

একটু ভাবুন, আপনার যে আত্মীয়টি চিরতরে এইমাত্র পৃথিবী ছেড়ে চলে গেছেন, তাঁর চোখ দুটিও কি দেহের সাথে মিলিয়ে যেতে দেবেন? না চক্ষু ব্যাংকে চোখ দুটি দান করে ওকে অমরত্ব দেবেন?

### এলাকা অনুযায়ী চক্ষু ব্যাংক ও চক্ষুদান কেন্দ্রগুলির টেলিফোন নং

এলাকা	সংস্থার নাম	দূরভাষ নং	এলাকা	সংস্থার নাম	দূরভাষ নং
উত্তর ও মধ্য কলকাতা	রিজিওনাল ইনস্টিটিউড অফ অপথ্যালমোলজি	২২৪১৩৮৫৩	টাকি	নেত্রালোক টাকি	৯৪৭৪৯৮৭৪১৩/
উত্তর ও মধ্য কলকাতা	এন.আর.এস. মেডিকেল কলেজ	১০৫৩			৯৪৩৪৮৭২৬৮৬
সল্টলেক	রোটারি নারায়ণ নেত্রালয়	২৩৬৭৩৩১২-১৪, ৩০১১৫১০৩/০৬	দুর্গাপুর	দুর্গাপুর রাইড রিলিফ সোসাইটি	(০৩৪৩)২৫৪৫১৪১
			আসানসোল	পূর্বদৃষ্টি আই ডোনেশন সেন্টার	০৩৪১২২৫২২৩৩
সল্টলেক	শুশ্রূত আই ফাউন্ডেশন	২৩৫৮০২০১,	কাটোয়া	রেডক্রস, কাটোয়া	২৫৭৩০৮
		২৩৩৪১৬২৮/১৬৩২	পুরুলিয়া	নেতাজী আই হাসপিটাল	০৩২৫১-২৫০২৩৩
দক্ষিণ কলকাতা	এম.পি.বিড়লা আই ডোনেশন সেন্টার	২২৮১৭৭৮০	হাওড়া (সাঁতরাগাছি)	রামরাজা নবীন সংঘ আই ব্যাঙ্ক	২৬২৭২৯৯৫,
বেলোঘাটা থেকে বারুইপুর, জয়নগর	শঙ্কর নেত্রালয়	৯১৬৩৪৫৯৯৯৯, ৯৪৩২২২২৪৫৩, ১৮০০৩৪৫৫৯৯৯	মুর্শিদাবাদ (বহরমপুর)	আয়ত সেবা কেন্দ্র	২৮৭৭৭৬৯
			মুর্শিদাবাদ আই কেয়ার	মুর্শিদাবাদ আই কেয়ার	(০৩৪৮২)২৬৮১০৪, ২৬১০৫১
বারাসাত - বনগাঁ, দমদম - কাঁচরাপাড়া		৯৮৩০৩২৩০২১, ৯৮৩০৩২৩০১৪	নদীয়া	শুভেন্দু মেমোরিয়াল সেবা প্রতিষ্ঠান	৯৫৩৪৭২-২২০২৫৩
কলকাতা (শ্যামবাজার পর্যন্ত)	প্রভা আই ব্যাঙ্ক	৯৮৩০৩২৩০২১, ৯৮৩১৬৯৯৩০৬	বালুরঘাট	প্রয়াস আত্মীয় আই ব্যাঙ্ক	/২২০১৬০
নদীয়া (কৃষ্ণগর পর্যন্ত)			পূর্ব মেদিনীপুর (কোলাঘাট, তমলুক, নন্দকুমার, চণ্ডীপুর, মহিষাদল)	বিবেকানন্দ মিশন আশ্রম	৯৮০০৮৮৩৯৫৯, ৯৬৭৯৯৮৯০০
হুগলী (উত্তরপাড়া ব্যাডেল)					০৩২২৪-২৮৬৩৫৭
হুগলী (শ্রীরামপুর)	শ্রীরামপুর সেবাকেন্দ্র ও চক্ষু ব্যাঙ্ক	২৬৫২৪৬১২/০১৩৭			
বসিরহাট	বসিরহাট টোমাথা সেবায়ন আই কালেকশন সেন্টার	৯৪৩৩২১৫৬৬৩/ ৯৪৩৪১৯৬৪৩৯			

রাজ্য চক্ষু বিভাগ, স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার

আই.ই.সি. ডিভিশন কর্তৃক প্রকাশিত

# টিবি থেকে মুক্তির পথে...

## ভুল ধারণা

টিবি কেবল গরীবদেরই হয়।

টিবি পুরানো দিনের রোগ এখন এথেকে কোন ভয় নেই।

টিবি রুগীর থেকে দূরে থাকা উচিত। এই রোগ একজন থেকে অন্য জনে সংক্রমিত হয়।

টিবি দুরারোগ্য অসুখ। টিবি-তে আক্রান্ত হলে রোগী আর সুস্থ হয় না।



## সত্য

টিবি যে কোন লোকের হতে পারে।

ভারতে আজও টিবি-র রোগী সবথেকে বেশী। সমগ্র বিশ্বের টিবি রোগীর এক তৃতীয়াংশ শুধু ভারতেই আছে।

শুধু মাত্র ফুসফুসের টিবি পীড়িত ব্যক্তির কাশি বা হাঁচি থেকে ছড়াতে পারে। চিকিৎসা শুরু করার দু সপ্তাহ পরেই সংক্রমণ বন্ধ হয়ে যায়।

টিবি রোগের চিকিৎসা সম্পূর্ণ রূপে সম্ভব যদি সম্পূর্ণ সুস্থ হওয়া পর্যন্ত চিকিৎসা করা হয়।

ডটস প্রণালী - কফ পরীক্ষা থেকে শুরু করে সম্পূর্ণ সুস্থ হওয়া পর্যন্ত স্বাস্থ্য কর্মীর তত্ত্বাবধানে টিবি **বিনামূল্যে** চিকিৎসা

ডটস -এর সুবিধাগুলি আপনার নিকটবর্তী স্বাস্থ্য কেন্দ্রে **বিনামূল্যে** পাওয়া যায়।

# আপনি কী জানেন? তামাকের 4000 বিষাক্ত পদার্থ থেকে



চুল পড়া



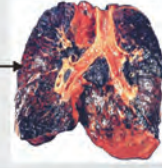
চোখের ছানি



দাঁতের ক্ষয়



ফুসফুসের ক্যান্সার



হাটের অসুখ



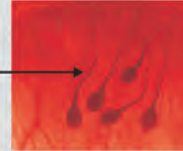
পেটের নালি ঘা



বিবর্ণ আঙ্গুল



বিকৃত বীর্য



গ্যাংগ্রিন



...এবং যন্ত্রণাদায়ক মৃত্যু হতে পারে



জাতীয় তামাক নিয়ন্ত্রণ কর্মসূচী



সংসদীয় সচিব

**আজই তামাক পরিত্যাগ করুন!**

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর  
পশ্চিমবঙ্গ সরকার

পরিকল্পনা এবং উন্নয়ন করেছেন :



**HRIDAY**

(Health Related Information  
Dissemination Amongst Youth)





## **Chapter – XIII**

# **NATIONAL COMPARISONS**

---

---

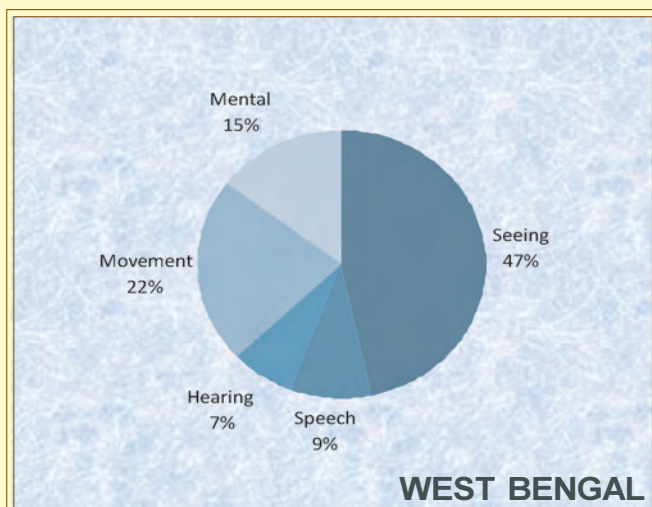
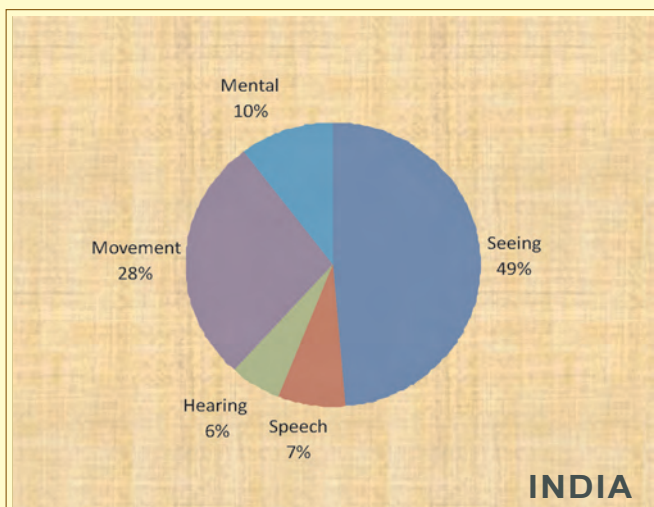


Table : XIII.1.1 : Distribution of the Disabled Persons by Type of Disability, Sex &amp; Residence of India and West Bengal - 2001

Type of disability	Sex	India			West Bengal		
		Total	Rural	Urban	Total	Rural	Urban
Total disabled population	Person	21,906,769	16,388,382	5,518,387	1,847,174	1,354,253	492,921
	Male	12,605,635	9,410,185	3,195,450	1,058,685	774,521	284,164
	Female	9,301,134	6,978,197	2,322,937	788,489	579,732	208,757
In Seeing	Person	10,634,881	7,873,383	2,761,498	862,073	610,221	251,852
	Male	5,732,338	4,222,717	1,509,621	468,935	329,861	139,074
	Female	4,902,543	3,650,666	1,251,877	393,138	280,360	112,778
In Speech	Person	1,640,868	1,243,854	397,014	170,022	132,912	37,110
	Male	942,095	713,966	228,129	94,645	74,059	20,586
	Female	698,773	529,888	168,885	75,377	58,853	16,524
In Hearing	Person	1,261,722	1,022,816	238,906	131,579	109,457	22,122
	Male	673,797	549,002	124,795	71,160	59,160	12,000
	Female	587,925	473,814	114,111	60,419	50,297	10,122
In Movement	Person	6,105,477	4,654,552	1,450,925	412,658	319,682	92,976
	Male	3,902,752	2,975,127	927,625	267,493	206,990	60,503
	Female	2,202,725	1,679,425	523,300	145,165	112,692	32,473
Mental	Person	2,263,821	1,593,777	670,044	270,842	181,981	88,861
	Male	1,354,653	949,373	405,280	156,452	104,451	52,001
	Female	909,168	644,404	264,764	114,390	77,530	36,860
No. of disabled per 100 population							
Sex	India			West Bengal			
	Total			Total			
Person	2.13	2.21	1.93	2.30	2.35	2.20	
Male	2.37	5.47	2.12	2.55	2.62	2.40	
Female	1.87	1.93	1.71	2.04	2.06	1.97	

**Table : XIII.1.2 : Percentage of Disabled Persons by Type of Disability to Total Disabled Persons- India and West Bengal - 2001**

Type of disability	No. of persons		Percentage to total disabled persons	
	India	West Bengal	India	West Bengal
Seeing	10,634,881	862,073	48.55	46.67
Speech	1,640,868	170,022	7.49	9.20
Hearing	1,261,722	131,579	5.76	7.12
Movement	6,105,477	412,658	27.87	22.34
Mental	2,263,821	270,842	10.33	14.66
<b>Total disabled population</b>	<b>21,906,769</b>	<b>1,847,174</b>	<b>100.00</b>	<b>100.00</b>



**Table XIII.2 : Projected Levels of Expectation of Life at Birth in India & Major States 2006 - 2025**

India & Major States	2006-10		2011-15		2016-20		2021-25	
	Male	Female	Male	Female	Male	Female	Male	Female
India	65.8	68.1	67.3	69.6	68.8	71.1	69.8	72.3
Andhra Pradesh	65.4	69.4	66.9	70.9	68.4	72.1	69.4	73.3
Assam	61.6	62.8	63.6	64.8	65.6	66.8	67.1	68.8
Bihar	67.1	66.7	68.6	68.7	69.6	70.2	70.6	71.4
Chhattisgarh	61.0	64.0	63.0	66.0	65.0	68.0	66.5	69.5
Gujarat	67.2	71.0	69.2	72.5	70.7	73.7	71.9	74.9
Haryana	67.9	69.8	68.9	71.3	69.9	72.5	70.9	73.7
Jharkhand	66.0	64.0	67.5	66.0	68.5	68.0	69.5	69.5
Karnataka	66.5	71.1	68.0	72.3	69.0	73.5	70.0	74.5
Kerala	72.0	76.8	73.2	77.6	74.2	78.1	75.2	78.6
Madhya Pradesh	62.5	63.3	64.5	65.3	66.5	67.3	68.0	69.3
Maharashtra	67.9	71.3	68.9	72.5	69.9	73.7	70.9	74.7
Orissa	62.3	64.8	64.3	67.3	66.3	69.6	67.8	71.6
Punjab	68.7	71.6	69.7	72.8	70.7	73.8	71.5	74.8
Rajasthan	66.1	69.2	67.6	70.7	68.6	71.9	69.6	73.1
Tamilnadu	67.6	70.6	68.6	71.8	69.6	73.0	70.6	74.0
Uttar Pradesh	64.0	64.4	66.0	66.9	67.5	69.2	68.7	71.2
<b>West Bengal</b>	<b>68.2</b>	<b>70.9</b>	<b>69.2</b>	<b>72.1</b>	<b>70.2</b>	<b>73.3</b>	<b>71.0</b>	<b>74.3</b>

Source: Report of the Technical Group on Populations May 2006, National Commission on Population/ MOHFW

Table XIII.3 : Mean Age at Effective Marriage of Females by Residence, India and Bigger States, 2010

India and bigger states	Age ( in years ) at effective marriage											
	Total				Rural				Urban			
	< 18	18-20	21 +	All ages	< 18	18-20	21 +	All ages	< 18	18-20	21 +	All ages
<b>India</b>	<b>16.4</b>	<b>19.1</b>	<b>23.9</b>	<b>21.0</b>	<b>16.4</b>	<b>19.1</b>	<b>23.5</b>	<b>20.5</b>	<b>16.4</b>	<b>19.2</b>	<b>24.6</b>	<b>22.4</b>
Andhra Pradesh	16.3	19.1	23.4	20.6	16.2	19.1	22.8	20.0	16.3	19.2	24.0	21.7
Assam	15.9	19.0	24.7	21.6	15.8	19.0	24.1	21.1	16.4	19.2	26.9	24.5
Bihar	16.4	19.2	23.5	20.6	16.4	19.2	23.4	20.5	16.2	19.3	24.0	21.9
Chhattisgarh	16.8	19.2	25.2	21.5	16.9	19.2	24.5	21.0	16.0	19.2	27.0	24.3
Delhi	16.7	19.3	24.0	22.7	17.0	19.1	23.6	22.3	16.5	19.4	24.1	22.8
Gujarat	16.5	19.2	23.5	21.0	16.5	19.2	23.1	20.4	16.6	19.2	23.9	22.0
Haryana	16.8	19.2	22.7	20.7	16.7	19.1	22.4	20.3	17.0	19.4	23.1	21.4
Himachal Pradesh	16.1	19.4	23.7	22.2	16.1	19.4	23.5	22.0	16.0	19.3	25.4	24.8
Jammu & Kashmir	16.6	19.4	25.0	23.7	16.7	19.4	24.8	23.4	16.5	19.5	25.8	25.0
Jharkhand	16.0	19.2	23.7	20.2	16.0	19.2	23.1	19.7	16.3	19.2	24.9	22.6
Karnataka	16.5	19.1	23.6	21.1	16.5	19.1	23.2	20.5	16.6	19.30	24.2	22.2
Kerala	16.6	19.2	24.3	22.6	16.6	19.2	24.4	22.6	16.7	19.4	24.0	22.6
Madhya Pradesh	16.2	19.0	23.9	20.6	16.4	19.0	23.1	20.1	14.9	19.3	25.5	22.6
Maharashtra	16.6	19.0	23.7	20.6	16.6	19.0	22.9	19.8	16.8	19.3	24.5	22.7
Orissa	15.8	19.2	23.9	21.1	15.8	19.2	23.8	20.9	16.4	19.3	24.4	22.5
Punjab	16.9	19.4	23.5	22.1	16.9	19.4	23.1	21.7	17.0	19.5	24.2	23.1
Rajasthan	16.4	19.0	23.4	20.1	16.4	19.0	22.4	19.5	16.6	19.2	25.3	22.1
Tamil Nadu	16.5	19.3	24.0	22.3	16.5	19.3	23.5	21.8	16.6	19.4	24.5	23.0
Uttar Pradesh	16.5	19.1	23.9	21.0	16.5	19.1	23.6	20.7	16.4	19.2	25.3	22.5
<b>West Bengal</b>	<b>16.4</b>	<b>18.9</b>	<b>24.1</b>	<b>20.3</b>	<b>16.5</b>	<b>18.9</b>	<b>23.4</b>	<b>19.7</b>	<b>16.3</b>	<b>19.1</b>	<b>25.2</b>	<b>22.1</b>

Source : Sample Registration System

**Table XIII.4 : Estimated Birth Rate, Death Rate, Natural Growth Rate and Infant Mortality Rate, 2011**

India/States/ Union Territories	Birth rate			Death rate			Natural growth rate			Infant mortality rate		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
<b>India</b>	<b>21.8</b>	<b>23.3</b>	<b>17.6</b>	<b>7.1</b>	<b>7.6</b>	<b>5.7</b>	<b>14.7</b>	<b>15.7</b>	<b>11.9</b>	<b>44</b>	<b>48</b>	<b>29</b>
<b>Bigger states</b>												
1. Andhra Pradesh	17.5	17.8	16.6	7.5	8.5	5.2	10.0	9.4	11.3	43	47	31
2. Assam	22.8	24.0	15.5	8.0	8.4	5.6	14.8	15.6	9.9	55	58	34
3. Bihar	27.7	28.4	21.7	6.7	6.9	5.5	21.0	21.5	16.2	44	45	34
4. Chhattisgarh	24.9	26.3	18.3	7.9	8.3	6.1	17.0	18.0	12.2	48	49	41
5. Delhi	17.5	19.3	17.2	4.3	4.7	4.3	13.2	14.6	12.9	28	36	26
6. Gujarat	21.3	22.9	19.0	6.7	7.4	5.7	14.6	15.5	13.3	41	48	27
7. Haryana	21.8	22.9	19.5	6.5	7.0	5.3	15.4	15.9	14.1	44	48	35
8. Jammu & Kashmir	17.8	19.1	13.1	5.5	5.7	4.7	12.3	13.4	8.4	41	43	28
9. Jharkhand	25.0	26.3	19.0	6.9	7.3	5.2	18.1	19.1	13.8	39	41	28
10. Karnataka	18.8	19.7	17.2	7.1	8.0	5.4	11.7	11.7	11.8	35	39	26
11. Kerala	15.2	15.4	14.4	7.0	7.1	6.6	8.2	8.3	7.8	12	13	9
12. Madhya Pradesh	26.9	28.8	20.1	8.2	8.7	6.1	18.7	20.1	13.9	59	63	39
13. Maharashtra	16.7	17.3	15.8	6.3	7.3	5.1	10.3	10.0	10.8	25	30	17
14. Orissa	20.1	21.0	14.7	8.5	8.8	6.5	11.6	12.1	8.2	57	58	40
15. Punjab	16.2	16.8	15.2	6.8	7.5	5.6	9.4	9.4	9.5	30	33	25
16. Rajasthan	26.2	27.4	22.5	6.7	7.0	5.8	19.6	20.5	16.7	52	57	32
17. Tamil Nadu	15.9	16.0	15.7	7.4	8.1	6.4	8.5	8.0	9.3	22	24	19
18. Uttar Pradesh	27.8	28.8	23.7	7.9	8.3	6.1	20.0	20.5	17.7	57	60	41
19. West Bengal	16.3	18.1	11.5	6.2	6.1	6.5	10.1	12.0	5.0	32	33	26
<b>Smaller states</b>												
1. Arunachal Pradesh	19.8	21.4	14.2	5.8	6.8	2.5	14.0	14.7	11.6	32	36	10
2. Goa	13.3	12.5	13.7	6.7	8.0	5.9	6.6	4.5	7.8	11	6	13
3. Himachal Pradesh	16.5	17.1	11.2	6.7	7.0	3.6	9.8	10.0	7.6	38	38	28
4. Manipur	14.4	14.2	15.0	4.1	4.1	4.2	10.3	10.2	10.8	11	11	12
5. Meghalaya	24.1	26.2	14.6	7.8	8.3	5.5	16.3	17.9	9.1	52	54	38
6. Mizoram	16.6	20.6	12.6	4.4	5.4	3.4	12.2	15.2	9.2	34	43	19
7. Nagaland	16.1	16.3	15.5	3.3	3.4	2.9	12.8	12.9	12.5	21	21	20
8. Sikkim	17.6	17.7	16.6	5.6	5.9	3.5	12.0	11.8	13.1	26	28	17
9. Tripura	14.3	15.1	11.0	5.0	4.9	5.4	9.4	10.2	5.6	29	31	19
10. Uttarakhand	18.9	19.7	16.0	6.2	6.5	4.9	12.8	13.2	11.2	36	39	23
<b>Union Territories</b>												
1. Andaman & Nicobar Islands	15.1	14.9	15.3	4.6	5.1	3.6	10.5	9.8	11.7	23	28	14
2. Chandigarh	15.0	21.2	14.4	4.1	3.6	4.1	11.0	17.6	10.3	20	19	20
3. Dadra & Nagar Haveli	26.1	25.5	28.1	4.6	5.1	3.0	21.4	20.4	25.1	35	39	22
4. Daman & Diu	18.4	18.8	17.9	4.9	5.0	4.8	13.5	13.7	13.2	22	18	29
5. Lakshadweep	14.7	15.7	13.7	6.4	6.0	6.7	8.3	9.7	7.0	24	21	27
6. Puducherry	16.1	16.4	15.9	7.2	7.9	6.8	8.9	8.5	9.1	19	21	18

Table XIII.5: Death Rate by Sex and Residence, 2011

India/States/ Union Territories	Total			Rural			Urban		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>India</b>	<b>7.1</b>	<b>7.8</b>	<b>6.3</b>	<b>7.6</b>	<b>8.4</b>	<b>6.9</b>	<b>5.7</b>	<b>6.3</b>	<b>5.0</b>
<b>Bigger States</b>									
1. Andhra Pradesh	7.5	8.7	6.3	8.5	9.6	7.3	5.2	6.5	3.9
2. Assam	8.0	8.9	7.1	8.4	9.4	7.4	5.6	6.4	4.8
3. Bihar	6.7	7.0	6.5	6.9	7.1	6.7	5.5	6.2	4.8
4. Chhattisgarh	7.9	8.6	7.2	8.3	9.0	7.6	6.1	7.0	5.1
5. Delhi	4.3	4.7	3.9	4.7	4.8	4.5	4.3	4.6	3.8
6. Gujarat	6.7	7.4	6.0	7.4	8.2	6.6	5.7	6.3	5.0
7. Haryana	6.5	7.2	5.6	7.0	7.9	6.0	5.3	5.8	4.8
8. Jammu & Kashmir	5.5	6.0	5.0	5.7	6.3	5.1	4.7	4.9	4.5
9. Jharkhand	6.9	7.0	6.8	7.3	7.3	7.2	5.2	5.6	4.8
10. Karnataka	7.1	8.2	5.9	8.0	9.4	6.6	5.4	6.1	4.8
11. Kerala	7.0	8.3	5.8	7.1	8.7	5.8	6.6	7.3	6.0
12. Madhya Pradesh	8.2	8.8	7.5	8.7	9.4	8.1	6.1	6.7	5.5
13. Maharashtra	6.3	7.1	5.5	7.3	8.2	6.3	5.1	5.7	4.4
14. Orissa	8.5	8.8	8.2	8.8	9.1	8.6	6.5	7.0	6.0
15. Punjab	6.8	7.6	5.8	7.5	8.4	6.4	5.6	6.3	4.9
16. Rajasthan	6.7	7.3	6.0	7.0	7.5	6.4	5.8	6.6	5.0
17. Tamil Nadu	7.4	8.3	6.4	8.1	9.2	6.9	6.4	7.1	5.7
18. Uttar Pradesh	7.9	8.6	7.0	8.3	9.1	7.4	6.1	6.6	5.6
19. West Bengal	6.2	6.7	5.6	6.1	6.5	5.7	6.5	7.5	5.4
<b>Smaller States</b>									
1. Arunachal Pradesh	5.8	6.9	4.7	6.8	7.9	5.6	2.5	3.4	1.6
2. Goa	6.7	7.8	5.6	8.0	8.9	7.1	5.9	7.1	4.7
3. Himachal Pradesh	6.7	7.7	5.7	7.0	8.1	6.0	3.6	4.1	3.1
4. Manipur	4.1	4.7	3.5	4.1	4.7	3.4	4.2	4.6	3.8
5. Meghalaya	7.8	9.1	6.6	8.3	9.5	7.1	5.5	6.9	4.1
6. Mizoram	4.4	5.2	3.6	5.4	5.6	5.2	3.4	4.7	2.1
7. Nagaland	3.3	4.1	2.6	3.4	4.4	2.5	2.9	3.1	2.8
8. Sikkim	5.6	6.5	4.6	5.9	6.8	5.0	3.5	4.8	2.2
9. Tripura	5.0	5.6	4.3	4.9	5.6	4.2	5.4	5.9	4.8
10. Uttarakhand	6.2	7.1	5.2	6.5	7.7	5.2	4.9	4.6	5.1
<b>Union Territories</b>									
1. Andaman & Nicobar Islands	4.6	5.7	3.4	5.1	6.1	4.0	3.6	4.9	2.1
2. Chandigarh	4.1	4.9	3.0	3.6	4.1	2.7	4.1	5.0	3.1
3. Dadra & Nagar Haveli	4.6	5.2	4.0	5.1	5.6	4.5	3.0	3.8	2.0
4. Daman & Diu	4.9	5.5	4.3	5.0	5.2	4.8	4.8	6.0	3.4
5. Lakshadweep	6.4	7.9	4.9	6.0	6.1	5.9	6.7	9.8	3.9
6. Puducherry	7.2	8.8	5.6	7.9	10.1	5.7	6.8	8.2	5.5



**Table XIII.6: Infant Mortality Rate by Sex and Residence, 2011**

India/States/ Union Territories	Total			Rural			Urban		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>India</b>	<b>44</b>	<b>43</b>	<b>46</b>	<b>48</b>	<b>47</b>	<b>50</b>	<b>29</b>	<b>27</b>	<b>31</b>
<b>Bigger States</b>									
1. Andhra Pradesh	43	40	46	47	45	50	31	28	35
2. Assam	55	55	56	58	57	59	34	33	34
3. Bihar	44	44	45	45	44	45	34	34	35
4. Chhattisgarh	48	47	50	49	47	51	41	41	41
5. Delhi	28	25	31	36	21	53	26	26	27
6. Gujarat	41	39	42	48	47	49	27	23	30
7. Haryana	44	41	48	48	45	52	35	31	39
8. Jammu & Kashmir	41	40	41	43	42	44	28	28	29
9. Jharkhand	39	36	43	41	38	45	28	25	32
10. Karnataka	35	34	35	39	38	39	26	24	27
11. Kerala	12	11	13	13	12	14	9	8	12
12. Madhya Pradesh	59	57	62	63	61	66	39	38	41
13. Maharashtra	25	24	25	30	29	30	17	16	18
14. Orissa	57	55	58	58	57	60	40	40	41
15. Punjab	30	28	33	33	31	35	25	22	28
16. Rajasthan	52	50	53	57	56	58	32	29	35
17. Tamil Nadu	22	21	23	24	23	25	19	17	20
18. Uttar Pradesh	57	55	59	60	58	62	41	39	43
19. West Bengal	32	30	34	33	31	36	26	26	27
<b>Smaller States</b>									
1. Arunachal Pradesh	32	33	31	Infant mortality rates for smaller States and Union Territories are based on three-years period 2009-11. On account of wide year-to-year fluctuations due to inadequate sample size, the infant mortality rate by sex, separately for rural and urban areas is not given.					
2. Goa	11	7	14						
3. Himachal Pradesh	38	36	39						
4. Manipur	11	8	15						
5. Meghalaya	52	52	52						
6. Mizoram	34	31	37						
7. Nagaland	21	15	26						
8. Sikkim	26	23	30						
9. Tripura	29	29	29						
10. Uttarakhand	36	34	38						
<b>Union Territories</b>									
1. Andaman & Nicobar Islands	23	19	27						
2. Chandigarh	20	21	19						
3. Dadra & Nagar Haveli	35	35	36						
4. Daman & Diu	22	17	27						
5. Lakshadweep	24	27	20						
6. Puducherry	19	17	20						

Table XIII.7: General Fertility Rate (GFR) by Residence, India and Bigger States, 2010

India and bigger States	Total	Rural	Urban
<b>INDIA</b>	<b>83.9</b>	<b>91.9</b>	<b>64.0</b>
Andhra Pradesh	62.2	64.8	56.5
Assam	84.9	91.0	52.8
Bihar	120.1	124.1	87.8
Chhattisgarh	94.4	101.8	64.1
Delhi	65.7	74.2	64.3
Gujarat	82.1	89.5	71.1
Haryana	83.2	88.7	71.2
Himachal Pradesh	59.3	61.5	39.1
Jammu & Kashmir	64.4	69.9	45.3
Jharkhand	98.6	105.4	71.6
Karnataka	68.1	73.2	59.7
Kerala	52.8	53.0	52.5
Madhya Pradesh	106.8	116.7	75.0
Maharashtra	63.8	68.9	57.6
Orissa	75.3	79.3	52.3
Punjab	61.3	64.1	56.8
Rajasthan	105.5	112.8	84.4
Tamil Nadu	56.8	58.7	54.5
Uttar Pradesh	114.6	121.1	89.9
<b>West Bengal</b>	<b>60.8</b>	<b>68.3</b>	<b>41.8</b>

Table XIII.8: Age Specific Fertility Rates (ASFRs), India and Bigger States, 2010

India and bigger States	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49
<b>India</b>	<b>37.2</b>	<b>198.6</b>	<b>156.8</b>	<b>66.0</b>	<b>29.7</b>	<b>9.3</b>	<b>3.9</b>
Andhra Pradesh	45.9	197.8	90.3	22.3	4.5	1.8	0.2
Assam	50.0	152.8	149.6	84.2	43.9	13.7	5.6
Bihar	37.6	242.8	240.4	116.2	67.3	23.3	13.0
Chhattisgarh	38.2	242.3	177.6	72.9	24.4	4.2	1.8
Delhi	10.5	136.5	143.8	61.2	19.8	3.2	1.7
Gujarat	28.9	200.5	160.7	64.5	26.1	8.4	2.6
Haryana	26.3	229.1	145.8	46.9	12.7	4.3	1.2
Himachal Pradesh	11.3	162.7	138.2	38.0	14.5	1.1	0.5
Jammu & Kashmir	6.7	91.4	144.5	92.2	46.1	14.7	6.6
Jharkhand	49.6	198.4	185.7	94.5	43.0	19.4	4.8
Karnataka	41.2	186.4	119.9	34.8	12.7	1.1	0.0
Kerala	19.4	135.5	131.6	53.9	14.0	1.4	0.0
Madhya Pradesh	43.4	268.8	203.0	71.8	31.2	10.8	4.6
Maharashtra	35.1	188.6	102.9	36.1	10.3	2.0	0.6
Orissa	39.3	166.2	148.5	66.4	21.7	5.7	3.2
Punjab	10.8	159.9	123.7	46.7	11.3	3.2	1.1
Rajasthan	36.6	259.4	183.6	84.4	35.2	16.5	5.1
Tamil Nadu	20.1	154.3	117.8	37.9	10.3	1.1	0.8
Uttar Pradesh	32.0	226.4	233.9	111.7	67.3	22.1	10.7
<b>West Bengal</b>	<b>73.8</b>	<b>147.8</b>	<b>91.9</b>	<b>32.7</b>	<b>11.0</b>	<b>3.3</b>	<b>1.3</b>

Source : Sample Registration System

**Table XIII.9: Age Specific Marital Fertility Rates (ASMFRs), India and Bigger States, 2010**

India and bigger States	15 - 19	20 - 24	25 - 29	30 - 34	35 - 39	40 - 44	45 - 49
<b>India</b>	<b>263.5</b>	<b>313.2</b>	<b>179.4</b>	<b>70.8</b>	<b>32.0</b>	<b>10.3</b>	<b>4.5</b>
Andhra Pradesh	251.2	279.0	101.4	24.2	5.0	2.0	0.3
Assam	359.5	288.5	195.9	98.2	49.6	15.8	6.9
Bihar	260.5	338.1	253.2	120.2	70.1	24.7	14.3
Chhattisgarh	245.7	337.4	196.7	78.1	26.9	4.6	2.1
Delhi	143.1	280.3	175.3	65.9	20.9	3.4	1.9
Gujarat	209.6	302.4	178.0	68.4	27.8	9.2	2.9
Haryana	269.1	348.5	157.3	48.5	13.3	4.7	1.4
Himachal Pradesh	280.4	340.5	162.2	40.0	15.3	1.2	0.6
Jammu & Kashmir	184.8	362.6	238.4	108.0	49.5	15.7	7.3
Jharkhand	314.6	304.7	204.6	98.9	45.5	21.1	5.5
Karnataka	268.3	290.9	142.9	39.0	14.4	1.3	0.0
Kerala	238.5	260.8	160.0	59.1	15.3	1.6	0.0
Madhya Pradesh	262.8	367.2	219.5	74.9	32.9	11.7	5.2
Maharashtra	188.1	275.7	118.2	39.3	11.3	2.3	0.7
Orissa	308.9	286.2	177.7	73.0	23.7	6.4	3.8
Punjab	268.7	345.0	154.3	50.2	11.8	3.4	1.2
Rajasthan	185.2	350.0	193.0	86.5	36.6	17.7	5.6
Tamil Nadu	312.6	286.1	141.4	41.2	11.4	1.2	1.0
Uttar Pradesh	287.0	378.6	260.0	115.8	70.4	23.7	11.8
<b>West Bengal</b>	<b>325.6</b>	<b>212.4</b>	<b>104.0</b>	<b>35.2</b>	<b>11.9</b>	<b>3.7</b>	<b>1.5</b>

Source : Sample Registration System

**Table XIII.10: Mean Age of Fertility, India and Bigger States, 2010**

India and bigger States	Mean age of fertility		
	Total	Rural	Urban
<b>India</b>	<b>26.5</b>	<b>26.5</b>	<b>26.5</b>
Andhra Pradesh	24.0	23.7	24.8
Assam	27.3	27.4	27.1
Bihar	27.9	27.9	27.2
Chhattisgarh	25.9	25.9	26.2
Delhi	27.0	26.4	27.1
Gujarat	26.4	26.5	26.3
Haryana	25.4	25.3	26.0
Himachal Pradesh	26.0	25.8	27.6
Jammu & Kashmir	29.4	29.5	29.2
Jharkhand	27.2	27.2	27.2
Karnataka	24.9	24.5	25.7
Kerala	26.3	26.2	26.3
Madhya Pradesh	26.2	26.1	26.6
Maharashtra	24.9	24.1	26.2
Orissa	26.3	26.4	26.3
Punjab	26.1	25.8	26.8
Rajasthan	26.6	26.8	26.2
Tamil Nadu	25.6	25.2	26.1
Uttar Pradesh	28.0	28.0	27.9
<b>West Bengal</b>	<b>24.4</b>	<b>24.3</b>	<b>25.0</b>

Source : Sample Registration System

Table XIII.11: Total Fertility Rate (TFR) by Residence, India and Bigger States, 2010

India and bigger States	Total	Rural	Urban
<b>India</b>	<b>2.5</b>	<b>2.8</b>	<b>1.9</b>
Andhra Pradesh	1.8	1.9	1.6
Assam	2.5	2.7	1.6
Bihar	3.7	3.8	2.7
Chhattisgarh	2.8	3.0	1.9
Delhi	1.9	2.1	1.9
Gujarat	2.5	2.7	2.1
Haryana	2.3	2.5	2.0
Himachal Pradesh	1.8	1.9	1.3
Jammu & Kashmir	2.0	2.2	1.4
Jharkhand	3.0	3.2	2.1
Karnataka	2.0	2.1	1.7
Kerala	1.8	1.8	1.8
Madhya Pradesh	3.2	3.5	2.2
Maharashtra	1.9	2.0	1.7
Orissa	2.3	2.4	1.6
Punjab	1.8	1.8	1.7
Rajasthan	3.1	3.3	2.4
Tamil Nadu	1.7	1.8	1.6
Uttar Pradesh	3.5	3.7	2.7
<b>West Bengal</b>	<b>1.8</b>	<b>2.0</b>	<b>1.3</b>

Table XIII.12: Gross Reproduction Rate (GRR) by Residence, India and Bigger States, 2010

India and bigger States	Total	Rural	Urban
<b>India</b>	<b>1.2</b>	<b>1.3</b>	<b>0.9</b>
Andhra Pradesh	0.9	0.9	0.7
Assam	1.2	1.3	0.7
Bihar	1.7	1.8	1.2
Chhattisgarh	1.5	1.6	1.0
Delhi	0.9	1.0	0.9
Gujarat	1.2	1.3	1.0
Haryana	1.0	1.1	0.9
Himachal Pradesh	0.9	0.9	0.7
Jammu & Kashmir	0.9	1.0	0.6
Jharkhand	1.4	1.5	1.0
Karnataka	1.0	1.0	0.8
Kerala	0.9	0.9	0.9
Madhya Pradesh	1.5	1.6	1.1
Maharashtra	0.9	0.9	0.8
Orissa	1.1	1.1	0.8
Punjab	0.8	0.8	0.8
Rajasthan	1.4	1.5	1.2
Tamil Nadu	0.8	0.8	0.8
Uttar Pradesh	1.6	1.7	1.2
<b>West Bengal</b>	<b>0.9</b>	<b>0.9</b>	<b>0.6</b>

Source : Sample Registration System

**Table XIII.13: Total Fertility Rate by Level of Education of Women, India and Bigger States, 2010**

India and bigger State	Educational level of women								
	Illite- rate	Total Literate	Without any formal education	Below Primary	Primary	Middle	Class X	Class XII	Graduate and above
<b>India</b>	<b>3.4</b>	<b>2.2</b>	<b>3.6</b>	<b>3.0</b>	<b>2.5</b>	<b>2.2</b>	<b>1.9</b>	<b>1.6</b>	<b>1.8</b>
Andhra Pradesh	2.0	1.8	1.4	2.2	1.9	1.8	2.0	1.1	1.8
Assam	3.5	2.3	2.9	3.4	3.3	2.3	1.9	1.4	1.2
Bihar	4.5	2.7	4.3	3.3	3.1	2.6	2.0	1.6	1.7
Chhattisgarh	3.0	2.9	7.0	4.0	3.4	2.3	2.1	1.7	1.8
Delhi	2.6	1.8	2.1	3.0	1.8	1.9	1.6	1.2	1.6
Gujarat	3.5	2.1	3.9	3.1	2.4	1.8	1.8	1.4	1.7
Haryana	3.2	2.2	3.5	2.4	2.7	2.4	1.9	1.5	2.1
Himachal Pradesh	1.6	1.9	0.8	2.4	1.7	1.9	2.2	1.7	1.8
Jammu & Kashmir	2.9	1.6	4.5	1.8	2.0	2.1	1.6	1.2	1.1
Jharkhand	3.4	2.6	4.7	3.4	2.6	2.5	2.1	1.9	2.0
Karnataka	2.8	2.0	3.6	2.7	2.4	2.1	1.8	1.5	1.4
Kerala	1.2	1.8	1.3	2.0	1.4	1.7	1.6	1.9	2.4
Madhya Pradesh	3.9	3.0	4.1	4.6	3.3	2.6	1.9	1.8	2.0
Maharashtra	2.3	1.9	6.0	1.6	2.1	2.3	1.8	1.5	1.4
Orissa	2.9	2.0	2.4	2.6	2.3	1.9	1.8	1.6	1.6
Punjab	2.3	1.7	2.3	1.5	2.0	1.6	1.7	1.5	1.6
Rajasthan	3.7	2.7	3.8	3.7	3.0	2.5	2.1	1.6	1.9
Tamil Nadu	1.3	1.8	0.0	1.7	2.0	2.0	1.9	1.6	1.9
Uttar Pradesh	4.3	3.1	4.6	4.2	3.6	3.2	2.5	2.2	2.3
<b>West Bengal</b>	<b>2.3</b>	<b>1.7</b>	<b>2.6</b>	<b>2.8</b>	<b>2.1</b>	<b>1.6</b>	<b>1.3</b>	<b>1.1</b>	<b>1.1</b>

Source : Sample Registration System

**Table XIII.14: Total Marital Fertility Rate (TMFR) by Residence, India and Bigger States, 2010**

India and bigger States	Total	Rural	Urban
<b>India</b>	<b>4.4</b>	<b>4.5</b>	<b>3.8</b>
Andhra Pradesh	3.3	3.4	3.0
Assam	5.1	5.3	3.8
Bihar	5.4	5.5	5.0
Chhattisgarh	4.5	4.6	3.7
Delhi	3.5	3.3	3.6
Gujarat	4.0	4.2	3.6
Haryana	4.2	4.4	3.6
Himachal Pradesh	4.2	4.2	4.4
Jammu & Kashmir	4.8	5.0	3.7
Jharkhand	5.0	5.1	4.2
Karnataka	3.8	4.0	3.3
Kerala	3.7	3.9	3.2
Madhya Pradesh	4.9	5.0	4.0
Maharashtra	3.2	3.1	3.3
Orissa	4.4	4.5	3.7
Punjab	4.2	4.2	4.0
Rajasthan	4.4	4.5	4.2
Tamil Nadu	4.0	4.0	3.8
Uttar Pradesh	5.7	5.8	5.8
<b>West Bengal</b>	<b>3.5</b>	<b>3.5</b>	<b>3.2</b>

Source : Sample Registration System

Table XIII.15: General Fertility Rate by Level of Education of Women, India and Bigger States, 2010

India and bigger State	Educational level of women								
	illite-rate	Total Literate	Without any formal education	Below Primary	Primary	Middle	Class X	Class XII	Graduate and above
<b>India</b>	<b>93.3</b>	<b>80.9</b>	<b>105.8</b>	<b>105.2</b>	<b>91.1</b>	<b>76.2</b>	<b>66.5</b>	<b>66.5</b>	<b>77.8</b>
Andhra Pradesh	51.4	71.0	42.8	75.7	71.0	66.3	77.2	53.7	92.2
Assam	101.4	80.5	85.2	112.1	110.9	78.5	66.6	61.2	50.0
Bihar	144.5	91.3	148.2	121.3	91.8	80.7	65.0	63.2	68.4
Chhattisgarh	67.1	114.3	127.1	156.2	140.7	85.4	73.9	74.5	81.7
Delhi	75.7	63.5	77.6	111.0	63.4	64.5	53.7	45.7	64.4
Gujarat	93.1	78.2	118.5	115.7	88.6	63.7	60.2	54.7	74.1
Haryana	71.0	89.7	74.2	90.6	105.9	92.9	75.0	78.9	104.9
Himachal Pradesh	19.1	66.3	21.8	45.6	44.5	52.8	81.3	81.8	88.0
Jammu & Kashmir	84.9	54.1	122.5	64.5	68.3	63.7	43.1	43.9	49.4
Jharkhand	102.8	94.6	156.8	130.6	82.3	81.1	74.9	75.1	88.9
Karnataka	52.5	76.5	91.9	84.9	88.9	80.5	68.9	64.4	63.2
Kerala	14.8	53.8	14.5	23.2	20.8	47.5	49.9	75.4	104.8
Madhya Pradesh	104.4	112.9	102.1	186.2	136.0	83.7	62.8	76.5	81.1
Maharashtra	42.5	70.1	105.4	40.8	69.3	84.9	67.4	67.1	58.3
Orissa	75.7	76.0	61.4	87.2	82.8	74.6	65.0	69.5	74.2
Punjab	60.6	62.9	73.2	51.6	63.2	54.4	65.0	71.6	72.4
Rajasthan	111.8	101.8	115.5	164.9	115.4	84.1	69.2	59.8	95.1
Tamil Nadu	15.6	64.9	0.0	34.7	56.9	73.6	70.3	65.6	88.0
Uttar Pradesh	126.9	107.7	142.1	162.5	126.0	99.4	77.9	83.5	105.6
<b>West Bengal</b>	<b>52.5</b>	<b>64.9</b>	<b>46.6</b>	<b>94.6</b>	<b>82.0</b>	<b>58.3</b>	<b>48.4</b>	<b>46.0</b>	<b>39.8</b>

Source : Sample Registration System

Table XIII.16: Percentage Distribution of Current Live Births by Birth Order, India and Bigger States, 2010

India and bigger States	Birth order			
	First	Second	Third	Fourth and above
<b>India</b>	<b>41.5</b>	<b>30.5</b>	<b>14.3</b>	<b>13.7</b>
Andhra Pradesh	53.8	37.4	7.0	1.7
Assam	43.8	26.3	14.6	15.2
Bihar	31.8	25.7	18.4	24.1
Chhattisgarh	39.3	32.0	17.1	11.6
Delhi	50.2	29.1	10.8	9.9
Gujarat	42.3	32.2	13.3	12.2
Haryana	44.1	33.6	13.4	8.9
Himachal Pradesh	51.7	34.8	8.8	4.7
Jammu & Kashmir	42.6	29.2	15.9	12.3
Jharkhand	33.1	27.3	19.6	20.0
Karnataka	48.7	33.7	11.4	6.2
Kerala	50.7	36.9	10.0	2.4
Madhya Pradesh	40.5	30.3	15.8	13.4
Maharashtra	47.9	35.2	11.5	5.4
Orissa	43.1	30.5	15.2	11.2
Punjab	50.8	33.8	11.0	4.4
Rajasthan	35.1	28.3	17.3	19.3
Tamil Nadu	52.4	37.4	8.4	1.9
Uttar Pradesh	35.8	27.4	16.3	20.6
<b>West Bengal</b>	<b>50.2</b>	<b>33.0</b>	<b>10.0</b>	<b>6.7</b>

Source : Sample Registration System

**Table XIII.17: Percentage Distribution of Live Births by Type of Medical Attention Received by the Mother at Delivery by Residence, India and Bigger States, 2010**

India and bigger States	Govt. Hospital			Private Hospital			Qualified professional			Untrained functionary and others		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
<b>India</b>	<b>41.1</b>	<b>38.4</b>	<b>50.8</b>	<b>19.4</b>	<b>15.5</b>	<b>33.4</b>	<b>15.0</b>	<b>16.2</b>	<b>10.8</b>	<b>24.5</b>	<b>30.0</b>	<b>5.1</b>
Andhra Pradesh	47.4	49.3	42.7	40.7	35.1	55.4	10.8	14.3	1.7	1.0	1.4	0.2
Assam	40.8	39.1	56.5	13.2	12.0	24.4	17.0	17.3	14.0	29.0	31.6	5.1
Bihar	29.0	27.4	46.9	12.4	10.8	31.0	11.1	10.8	15.0	47.5	51.0	7.1
Chhattisgarh	31.4	27.9	54.6	16.0	15.1	22.3	23.3	24.3	16.9	29.3	32.8	6.2
Delhi	55.0	54.3	55.1	23.3	23.3	23.3	16.5	15.5	16.7	5.3	7.0	5.0
Gujarat	36.9	35.8	39.0	42.9	36.3	55.1	11.4	14.6	5.5	8.8	13.2	0.5
Haryana	27.3	26.3	30.0	35.7	32.6	44.0	30.7	33.3	23.5	6.3	7.7	2.5
Himachal Pradesh	47.9	45.6	81.4	10.0	10.1	8.2	21.1	22.0	7.7	21.0	22.3	2.6
Jammu & Kashmir	60.0	55.8	82.2	9.7	9.5	10.8	11.3	12.5	4.9	19.1	22.2	2.2
Jharkhand	19.1	15.4	40.6	9.8	6.5	29.1	17.6	18.7	11.1	53.5	59.4	19.2
Karnataka	60.8	62.8	56.7	24.9	20.3	34.2	5.0	6.5	2.0	9.3	10.4	7.1
Kerala	45.0	48.1	35.5	54.5	51.4	64.1	0.2	0.2	0.3	0.2	0.3	0.2
Madhya Pradesh	45.0	40.8	66.8	15.0	14.0	20.1	13.5	15.1	5.6	26.5	30.2	7.5
Maharashtra	49.0	42.8	58.0	37.3	35.6	39.8	4.5	6.5	1.7	9.2	15.2	0.5
Orissa	49.4	47.3	66.6	8.2	7.3	16.0	12.1	12.6	8.3	30.3	32.7	9.2
Punjab	27.5	24.8	32.4	40.1	35.1	49.0	29.8	36.5	17.6	2.6	3.5	1.0
Rajasthan	59.1	56.3	69.9	8.9	7.2	15.5	17.3	18.3	13.8	14.7	18.3	0.8
Tamil Nadu	60.2	61.7	58.2	31.0	24.1	40.3	7.9	13.5	0.3	0.9	0.7	1.1
Uttar Pradesh	29.1	28.3	33.2	11.0	8.3	25.0	24.4	23.0	31.3	35.5	0.4	10.5
<b>West Bengal</b>	<b>56.2</b>	<b>54.1</b>	<b>64.9</b>	<b>9.9</b>	<b>7.7</b>	<b>19.4</b>	<b>9.0</b>	<b>10.0</b>	<b>5.0</b>	<b>24.9</b>	<b>28.3</b>	<b>10.7</b>

Source : Sample Registration System

**Table XIII.18: Percentage of Infant Deaths to Total Deaths by Residence, India and Bigger States, 2010**

India and bigger States	Total	Rural	Urban
<b>India</b>	<b>14.5</b>	<b>15.8</b>	<b>9.7</b>
Andhra Pradesh	10.6	10.8	10.1
Assam	16.4	17.1	9.9
Bihar	19.6	20.1	14.9
Chhattisgarh	16.1	16.6	13.0
Delhi	12.7	15.7	12.1
Gujarat	14.3	15.9	10.6
Haryana	16.1	17.0	13.4
Himachal Pradesh	7.4	7.6	3.5
Jammu & Kashmir	13.8	14.8	9.1
Jharkhand	15.1	15.9	10.6
Karnataka	10.4	10.9	9.1
Kerala	2.8	3.0	2.3
Madhya Pradesh	20.4	21.6	14.1
Maharashtra	7.4	8.0	6.2
Orissa	14.4	14.9	9.8
Punjab	8.1	8.4	7.4
Rajasthan	21.8	24.5	11.9
Tamil Nadu	5.0	5.0	5.0
Uttar Pradesh	21.2	21.9	17.1
<b>West Bengal</b>	<b>8.5</b>	<b>9.9</b>	<b>4.8</b>

Source : Sample Registration System



**Table XIII.19: Percentage Distribution of Deaths by Type of Medical Attention Received before Death by Residence, India and Bigger States, 2010**

India and bigger States	Govt. Hospital			Private Hospital			Qualified professional			Untrained functionary and others		
	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban	Total	Rural	Urban
<b>India</b>	<b>21.5</b>	<b>19.3</b>	<b>29.4</b>	<b>12.4</b>	<b>10.4</b>	<b>19.5</b>	<b>37.9</b>	<b>38.7</b>	<b>35.0</b>	<b>28.2</b>	<b>31.6</b>	<b>16.0</b>
Andhra Pradesh	16.7	15.2	22.4	15.9	15.1	19.1	33.2	32.7	34.9	34.2	37.0	23.6
Assam	15.1	14.2	22.7	10.4	10.3	11.7	56.0	56.3	53.7	18.5	19.2	11.9
Bihar	14.6	14.0	21.2	7.5	6.6	17.7	44.2	44.0	46.8	33.6	35.4	14.3
Chhattisgarh	16.9	13.8	35.8	8.9	7.9	14.8	30.2	28.7	39.2	44.0	49.6	10.2
Delhi	42.0	20.5	46.1	11.3	6.4	12.2	29.0	49.4	25.2	17.6	23.7	16.5
Gujarat	20.6	16.6	29.2	14.3	12.2	18.8	49.6	52.9	42.6	15.5	18.3	9.4
Haryana	14.7	14.0	16.8	11.2	10.8	12.5	56.2	57.3	53.0	17.8	17.9	17.7
Himachal Pradesh	47.9	48.6	36.5	10.6	9.8	23.1	33.4	33.9	24.8	8.1	7.7	15.6
Jammu & Kashmir	37.1	32.6	58.1	8.2	7.7	10.5	37.2	38.6	30.5	17.5	21.1	0.9
Jharkhand	12.5	9.5	29.8	9.7	7.8	20.9	36.4	36.0	38.8	41.4	46.7	10.5
Karnataka	25.0	21.4	34.8	14.6	11.6	22.9	19.1	21.7	12.1	41.2	45.3	30.2
Kerala	39.7	41.2	34.7	33.5	35.6	26.9	12.6	7.7	28.2	14.2	15.5	10.2
Madhya Pradesh	30.3	28.4	40.4	13.9	12.6	20.5	30.5	30.7	29.6	25.3	28.3	9.5
Maharashtra	25.4	21.9	32.0	15.4	12.4	21.2	42.4	45.2	37.1	16.8	20.5	9.7
Orissa	21.2	20.4	27.9	3.5	3.1	6.7	22.7	22.4	25.1	52.6	54.1	40.3
Punjab	14.8	14.4	15.8	30.3	25.7	40.3	52.9	57.5	43.1	1.9	2.4	0.8
Rajasthan	25.0	23.1	31.9	8.3	7.1	12.8	41.0	40.6	42.5	25.7	29.2	12.8
Tamil Nadu	19.0	25.2	24.8	15.3	10.5	22.7	22.5	20.3	25.8	43.3	54.0	26.7
Uttar Pradesh	18.4	17.9	21.4	11.1	9.1	22.8	46.6	47.6	40.7	23.9	25.4	15.1
<b>West Bengal</b>	<b>25.1</b>	<b>20.7</b>	<b>36.1</b>	<b>6.5</b>	<b>3.9</b>	<b>13.2</b>	<b>46.3</b>	<b>47.1</b>	<b>44.2</b>	<b>22.1</b>	<b>28.3</b>	<b>6.5</b>

Source : Sample Registration System

**Table XIII.20: Percentage of Deaths in the Age Group 0 - 4 Years to Total Deaths by Residence, India and Bigger States, 2010**

India and bigger States	Total	Rural	Urban
<b>India</b>	<b>18.4</b>	<b>20.3</b>	<b>11.4</b>
Andhra Pradesh	11.4	11.5	11.1
Assam	23.3	24.6	11.4
Bihar	26.7	27.4	18.3
Chhattisgarh	19.4	20.2	14.3
Delhi	14.7	18.1	14.0
Gujarat	17.9	20.4	12.3
Haryana	18.6	19.4	16.4
Himachal Pradesh	9.7	10.0	4.4
Jammu & Kashmir	15.4	16.7	9.4
Jharkhand	21.2	22.7	12.3
Karnataka	12.4	13.2	10.4
Kerala	3.2	3.3	2.8
Madhya Pradesh	26.4	28.0	18.0
Maharashtra	8.9	9.7	7.3
Orissa	18.7	19.7	10.5
Punjab	10.2	11.0	8.4
Rajasthan	26.6	30.3	12.9
Tamil Nadu	5.9	6.2	5.4
Uttar Pradesh	27.6	28.8	20.6
<b>West Bengal</b>	<b>10.5</b>	<b>12.5</b>	<b>5.5</b>

Source : Sample Registration System

**Table XIII.21: Estimated Death Rates for Children Aged 0-4 Years by Sex and Residence, India and Bigger States, 2010**

India and bigger States	Total			Rural			Urban		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
<b>India</b>	<b>13.3</b>	<b>12.6</b>	<b>14.0</b>	<b>14.9</b>	<b>14.0</b>	<b>15.8</b>	<b>7.8</b>	<b>7.5</b>	<b>8.1</b>
Andhra Pradesh	10.4	10.3	10.6	11.9	11.9	12.0	6.9	6.5	7.4
Assam	17.9	17.3	18.5	19.0	18.4	19.8	8.4	8.5	8.3
Bihar	13.4	12.7	14.2	13.8	13.0	14.8	9.2	9.7	8.7
Chhattisgarh	14.9	13.0	16.7	15.7	13.9	17.6	10.0	8.3	11.9
Delhi	6.5	6.2	7.0	7.2	7.2	7.3	6.4	6.0	6.9
Gujarat	12.9	12.0	13.8	15.5	14.7	16.3	8.0	7.2	9.0
Haryana	12.5	11.8	13.2	13.2	12.6	14.0	10.4	9.6	11.3
Himachal Pradesh	7.9	7.3	8.6	8.3	7.5	9.1	3.0	4.6	1.2
Jammu & Kashmir	10.8	10.4	11.2	11.4	11.2	11.6	7.4	6.5	8.5
Jharkhand	13.0	11.7	14.3	13.9	12.6	15.3	7.4	6.8	8.1
Karnataka	10.3	10.1	10.4	12.1	11.6	12.6	6.9	7.4	6.3
Kerala	2.9	2.7	3.2	3.1	2.8	3.4	2.4	2.4	2.5
Madhya Pradesh	20.0	19.6	20.4	21.9	21.3	22.5	11.5	11.8	11.2
Maharashtra	6.4	6.2	6.6	7.5	7.4	7.6	4.6	4.2	5.0
Orissa	17.1	17.2	17.0	18.2	18.3	18.0	9.0	8.1	9.9
Punjab	8.7	7.9	9.7	9.9	8.7	11.3	6.6	6.3	6.9
Rajasthan	16.2	14.6	18.0	18.2	16.3	20.2	8.4	7.9	9.0
Tamil Nadu	5.8	5.6	5.9	6.4	6.1	6.7	4.9	5.1	4.8
Uttar Pradesh	19.6	18.0	21.5	20.6	18.8	22.6	14.1	13.4	15.0
<b>West Bengal</b>	<b>7.4</b>	<b>7.5</b>	<b>7.3</b>	<b>8.0</b>	<b>8.2</b>	<b>7.8</b>	<b>5.2</b>	<b>4.9</b>	<b>5.5</b>

Source : Sample Registration System

**Table XIII.22: Early Neo-Natal Mortality Rates and Percentage Share of Early Neo-Natal Deaths to Infant Deaths by Residence, India and Bigger States, 2010**

India and bigger States	Early neo-natal mortality rate			Percentage of Early neo-natal deaths to infant deaths		
	Total	Rural	Urban	Total	Rural	Urban
<b>India</b>	<b>25</b>	<b>28</b>	<b>15</b>	<b>53.9</b>	<b>54.6</b>	<b>49.6</b>
Andhra Pradesh	24	28	11	52.0	56.3	35.1
Assam	27	28	11	45.9	46.8	31.7
Bihar	27	28	11	55.7	57.5	29.8
Chhattisgarh	26	26	27	50.5	49.0	62.3
Delhi	16	17	16	53.6	46.2	55.4
Gujarat	24	28	15	53.9	55.1	50.0
Haryana	25	28	18	52.6	53.8	48.2
Himachal Pradesh	25	25	13	61.5	61.9	46.5
Jammu & Kashmir	30	32	17	69.4	71.5	53.6
Jharkhand	26	28	14	61.5	63.3	46.6
Karnataka	22	26	13	56.2	59.3	46.3
Kerala	5	6	3	38.7	40.8	30.0
Madhya Pradesh	34	36	26	55.0	54.0	63.2
Maharashtra	17	21	12	61.7	62.6	59.4
Orissa	33	35	21	55.0	55.4	50.0
Punjab	19	21	15	55.7	56.1	54.7
Rajasthan	33	38	16	61.2	62.5	51.3
Tamil Nadu	13	15	12	55.9	58.1	52.6
Uttar Pradesh	30	32	20	49.1	49.5	46.1
<b>West Bengal</b>	<b>19</b>	<b>19</b>	<b>16</b>	<b>61.3</b>	<b>60.7</b>	<b>64.0</b>

Source : Sample Registration System

Table XIII.23: Peri-Natal Mortality Rates and Still Birth Rates by Residence, India and Bigger States, 2010

India and bigger States	Peri-natal mortality rate			Still birth rate		
	Total	Rural	Urban	Total	Rural	Urban
<b>India</b>	<b>32</b>	<b>35</b>	<b>22</b>	<b>7</b>	<b>7</b>	<b>7</b>
Andhra Pradesh	31	36	17	7	8	5
Assam	35	37	20	9	9	9
Bihar	28	29	12	1	1	1
Chhattisgarh	37	38	33	12	13	7
Delhi	22	20	23	6	3	7
Gujarat	32	35	24	8	7	9
Haryana	34	37	25	9	10	7
Himachal Pradesh	35	36	17	10	11	3
Jammu & Kashmir	35	37	25	5	5	8
Jharkhand	27	29	15	1	2	1
Karnataka	35	41	24	14	16	12
Kerala	12	13	8	7	7	5
Madhya Pradesh	42	43	36	8	7	10
Maharashtra	24	26	21	7	5	10
Orissa	41	42	32	8	8	11
Punjab	25	27	21	6	6	6
Rajasthan	39	44	21	6	6	5
Tamil nadu	23	29	16	10	14	5
Uttar Pradesh	35	37	24	5	6	4
<b>West Bengal</b>	<b>28</b>	<b>29</b>	<b>21</b>	<b>9</b>	<b>10</b>	<b>5</b>

Source : Sample Registration System

Table XIII.24: Neo-Natal Mortality Rates and Percentage Share of Neo-Natal Deaths to Infant Deaths by Residence, India and Bigger States, 2010

India and bigger States	Neo-natal mortality rate			Percentage of Neo-natal death to infant deaths		
	Total	Rural	Urban	Total	Rural	Urban
<b>India</b>	<b>33</b>	<b>36</b>	<b>19</b>	<b>69.3</b>	<b>70.6</b>	<b>61.9</b>
Andhra Pradesh	30	36	13	65.9	72.0	41.5
Assam	33	36	13	57.7	59.1	36.0
Bihar	31	32	13	64.5	66.6	35.1
Chhattisgarh	37	38	32	73.2	73.1	74.3
Delhi	19	17	19	62.6	46.2	66.6
Gujarat	31	36	19	69.7	71.2	65.1
Haryana	33	36	24	69.4	70.9	63.7
Himachal Pradesh	31	32	19	77.5	77.7	64.5
Jammu & Kashmir	35	37	25	82.1	82.6	78.3
Jharkhand	29	32	14	69.6	72.3	46.6
Karnataka	25	31	14	66.3	71.1	51.2
Kerala	7	8	5	53.2	53.9	50.0
Madhya Pradesh	44	47	30	70.8	70.6	72.8
Maharashtra	22	27	15	78.0	80.0	73.1
Orissa	42	43	32	68.9	68.5	75.0
Punjab	25	27	22	74.2	72.2	79.0
Rajasthan	40	45	23	73.4	73.5	72.9
Tamil Nadu	16	18	13	66.1	69.2	61.4
Uttar Pradesh	42	45	27	69.9	71.2	60.4
<b>West Bengal</b>	<b>23</b>	<b>24</b>	<b>19</b>	<b>74.0</b>	<b>74.0</b>	<b>74.1</b>

Source : Sample Registration System

**Table XIII.25 : Morbidity by State 2005-06 - Number of Women and Men Aged 15-49 Who Reported that They Have Diabetes, Asthma, or Goitre or any other Thyroid Disorder**

State	Number of women per 1,00,000			Number of men per 1,00,000		
	Diabetes	Asthma	Goitre or other thyroid disorder	Diabetes	Asthma	Goitre or other thyroid disorder
<b>India North</b>	<b>881</b>	<b>1696</b>	<b>949</b>	<b>1051</b>	<b>1627</b>	<b>383</b>
Delhi	1692	547	1481	1229	736	133
Haryana	1169	1552	388	608	1266	739
Himachal Pradesh	1048	384	678	344	527	304
Jammu & Kashmir	540	897	237	278	816	0
Punjab	849	945	601	802	802	241
Rajasthan	282	1565	376	362	362	246
Uttaranchal	825	537	257	965	965	215
<b>Central</b>						
Chattisgarh	659	746	563	932	858	358
Madhya Pradesh	558	1283	599	555	1102	424
Uttar Pradesh	383	1089	517	456	1225	138
<b>East</b>						
Bihar	1024	1696	853	940	981	273
Jharkhand	652	1291	858	629	407	74
Orissa	556	2533	362	1179	1592	122
West Bengal	1641	3304	1626	2323	4365	667
<b>Northeast</b>						
Arunachal Pradesh	537	2037	2037	606	2072	567
Assam	402	1411	760	601	1105	1371
Manipur	1006	1400	2623	1059	1106	1389
Meghalaya	910	1618	864	641	746	179
Mizoram	1189	3563	1857	315	2351	315
Nagaland	577	1414	629	1217	2464	725
Sikkim	1160	5150	1574	1698	2769	1191
Tripura	1656	5924	2439	2392	5086	552
<b>West</b>						
Goa	1921	1836	841	3016	1588	584
Gujrat	968	1530	484	524	1844	72
Maharashtra	479	1714	590	906	1855	201
<b>South</b>						
Andhra Pradesh	838	2151	1155	2116	2189	829
Karnataka	681	1259	798	973	691	285
Kerala	2549	4037	5744	3078	2984	1888
Tamil Nadu	2188	1126	1568	1351	687	170

Source: National Family Health Survey (NFHS-3), 2005-06.

Table XIII.26: Under Five Mortality Rate by Residence, India and Bigger States, 2010

India and bigger states	Total	Rural	Urban
<b>India</b>	<b>59</b>	<b>66</b>	<b>38</b>
Andhra Pradesh	48	53	36
Assam	83	88	42
Bihar	64	65	47
Chhattisgarh	61	63	48
Delhi	34	42	33
Gujarat	56	65	39
Haryana	55	58	47
Himachal Pradesh	49	50	37
Jammu & Kashmir	48	51	33
Jharkhand	59	63	35
Karnataka	45	49	36
Kerala	15	16	12
Madhya Pradesh	82	88	54
Maharashtra	33	39	23
Orissa	78	81	46
Punjab	43	49	31
Rajasthan	69	76	42
Tamil Nadu	27	30	24
Uttar Pradesh	79	82	60
<b>West Bengal</b>	<b>37</b>	<b>40</b>	<b>28</b>

Source : Sample Registration System

**Table XIII.27 : Maternal Mortality Ratio (MMR), Maternal Mortality Rate and Life Time Risk; India, EAG & Assam, South and Other States, 2007-09**

India & Major States	Sample Female Population	Live Births	Maternal Deaths	MMR <sup>(a)</sup>	95% CI <sup>c</sup>	Maternal Mortality Rate <sup>(b)</sup>	Lifetime risk <sup>(d)</sup> (in %)
India	5678691	436411	926	212	(198-226)	16.3	0.6
Assam	174250	12303	48	390	(280-500)	27.5	1.0
Bihar/Jharkhand	331294	38096	100	261	(210-313)	30.1	1.0
Madhya Pradesh/Chhattisgarh	323937	33041	89	269	(213-325)	27.4	1.0
Orissa	272797	20616	53	258	(189-327)	19.5	0.7
Rajasthan	241249	27277	87	318	(251-384)	35.9	1.2
Uttar Pradesh/Uttarakhand	484847	54039	194	359	(308-409)	40.0	1.4
EAG and Assam Sub-Total	1828374	185372	570	308	(282-333)	31.2	1.1
Andhra Pradesh	340520	23003	31	134	(87-182)	9.1	0.3
Karnataka	376272	22889	41	178	(124-233)	10.8	0.4
Kerala	287854	14624	12	81	(35-127)	4.1	0.1
Tamil Nadu	388462	22262	22	97	(56-138)	5.6	0.2
South Sub-Total	1393108	82778	105	127	(103-151)	7.5	0.3
Gujarat	280969	24435	36	148	(100-196)	12.8	0.4
Haryana	165619	14594	22	153	(90-217)	13.5	0.5
Maharashtra	323812	21715	23	104	(61-146)	6.9	0.2
Punjab	193705	12691	22	172	(100-244)	11.3	0.4
West Bengal	476579	30291	44	145	(102-188)	9.2	0.3
Other	1016525	64535	104	160	(130-191)	10.2	0.4
Other Sub-Total	2457209	168261	250	149	(130-167)	10.2	0.4

Source: Registrar General, Govt. of India

- [ a) MMR :  $\frac{\text{No. of Maternal deaths to Women (15-49) years}}{\text{No. of live births to Women (15-49) years}} \times 100000$
- b) Maternal Mortality Rate :  $\frac{\text{No. of Maternal deaths to Women (15-49) years}}{\text{No. of living Women (15-49) years}} \times 100000$
- c) CI : Confidence Interval
- d) Life time risk :  $1 - (1 - \text{M M Rate} / 100000)^{35}$

Table XIII.28 : Rank of Major States by Various Demographic Characteristics

Birth Rate, 2011			Total Fertility Rate, 2010			Infant Mortality Rate, 2011		
Rank	States	Rates	Rank	States	Rates	Rank	States	Rates
1	Kerala	15.2	1	Tamil Nadu	1.7	1	Kerala	12
2	Tamil Nadu	15.9	2	Andhra Pradesh	1.8	2	Tamil Nadu	22
3	Punjab	16.2	2	Kerala	1.8	3	Maharashtra	25
4	West Bengal	16.3	2	Punjab	1.8	4	Punjab	30
5	Maharashtra	16.7	2	West Bengal	1.8	5	West Bengal	32
6	Andhra Pradesh	17.5	3	Maharashtra	1.9	6	Karnataka	35
7	Karnataka	18.8	4	Karnataka	2.0	7	Jharkhand	39
8	Orissa	20.1	5	Haryana	2.3	8	Gujarat	41
9	Gujarat	21.3	5	Orissa	2.3	9	Andhra Pradesh	43
10	Haryana	21.8	6	Assam	2.5	10	Bihar	44
11	Assam	22.8	6	Gujarat	2.5	10	Haryana	44
12	Chhattisgarh	24.9	7	Chhattisgarh	2.8	11	Chhattisgarh	48
13	Jharkhand	25.0	8	Jharkhand	3.0	12	Rajasthan	52
14	Rajasthan	26.2	9	Rajasthan	3.1	13	Assam	55
15	Madhya Pradesh	26.9	10	Madhya Pradesh	3.2	14	Orissa	57
16	Bihar	27.7	11	Uttar Pradesh	3.5	14	Uttar Pradesh	57
17	Uttar Pradesh	27.8	12	Bihar	3.7	15	Madhya Pradesh	59

Table XIII.28 : Rank of Major States by Various Demographic Characteristics- conclud.

Death rate, 2011			Expectation of Life at Birth, 2011-15				Mean Age at Effective Marriage of Females, 2010		
Rank	State	Rates	Rank*	State	Female	Male	Rank	State	Mean age
1	West Bengal	6.2	1	Kerala	77.6	73.2	1	Kerala	22.6
2	Maharashtra	6.3	2	Punjab	72.8	69.7	2	Tamil Nadu	22.3
3	Haryana	6.5	3	Gujarat	72.5	69.2	3	Punjab	22.1
4	Gujarat	6.7	3	Maharashtra	72.5	68.9	4	Assam	21.6
4	Rajasthan	6.7	4	Karnataka	72.3	68.0	5	Chhattisgarh	21.5
4	Bihar	6.7	5	West Bengal	72.1	69.2	6	Karnataka	21.1
5	Punjab	6.8	6	Tamil Nadu	71.8	68.6	6	Orissa	21.1
6	Jharkhand	6.9	7	Haryana	71.3	68.9	7	Gujarat	21.0
7	Kerala	7.0	8	Andhra Pradesh	70.9	66.9	7	Uttar Pradesh	21.0
8	Karnataka	7.1	9	Rajasthan	70.7	67.6	8	Haryana	20.7
9	Tamil Nadu	7.4	10	Bihar	68.7	68.6	9	Andhra Pradesh	20.6
10	Andhra Pradesh	7.5	11	Orissa	67.3	64.3	9	Bihar	20.6
11	Chhattisgarh	7.9	12	Uttar Pradesh	66.9	66.0	9	Madhya Pradesh	20.6
11	Uttar Pradesh	7.9	13	Chhattisgarh	66.0	63.0	9	Maharashtra	20.6
12	Assam	8.0	13	Jharkhand	66.0	67.5	10	West Bengal	20.3
13	Madhya Pradesh	8.2	14	Madhya Pradesh	65.3	64.5	11	Jharkhand	20.2
14	Orissa	8.5	15	Assam	64.8	63.6	12	Rajasthan	20.1

\* Rank according to female expectation of life at birth



**Table XIII.29 : Number (per 1000) of Persons Reporting Ailment (PAP) and Number of Reporting Commencement of any Ailment (PPC) during Last 15 Days, along with Mortality Rate (IMR) for Major States**

Major State	Rural			Urban		
	PAP	PPC	IMR	PAP	PPC	IMR
Andhra Pradesh	90	36	71	114	47	35
Assam	82	58	73	83	48	38
Bihar	53	32	62	63	30	50
Chhattisgarh	69	38	-	72	31	-
Delhi	@	@	@	16	7	-
Gujarat	69	29	68	78	29	37
Haryana	95	48	65	87	43	51
Himachal Pradesh	87	26	-	59	19	-
Jammu & Kashmir	70	30	-	78	34	-
Jharkhand	33	21	-	50	21	-
Karnataka	64	32	65	57	20	25
Kerala	255	103	11	240	100	8
Madhya Pradesh	61	32	90	65	36	56
Maharashtra	93	44	52	118	50	34
Orissa	77	49	91	54	30	56
Punjab	136	61	55	107	44	35
Rajasthan	57	23	81	72	27	55
Tamil Nadu	95	54	50	96	49	32
Uttaranchal	52	31	-	65	25	-
Uttar Pradesh	100	55	83	108	55	58
West Bengal	114	56	52	157	62	36
<b>India</b>	88 (55)	45 (31)	69* (79)	99 (54)	44 (30)	40* (47)

Source: NSS 60th Round, 2004

@ 'Not presented'. Note: '-' Indicates that figures are not available

\* Excludes Nagaland.

1. The data on Infant Mortality Rate (IMR) are estimates for 2002 obtained by the Sample Registration Scheme of the Registrar-General of India.
2. IMR values in brackets are averages of IMRs estimated for 1995 and 1996 by the Sample Registration Scheme of the Registrar-General of India. Other figures in brackets are NSS (52nd round) estimates for 1995-96.

**Table XIII.30: Proportion ( per 1000 ) of Persons Hospitalised any Time during a Period of 365 days in Rural and Urban Areas and Population per Bed in the State**

Major State	No. (Per 1000) hospitalised		Population per Hospital bed *
	Rural	Urban	
Andhra Pradesh	22	28	1057
Assam	11	16	1782
Bihar	10	10	3029
Chhattisgarh	12	27	-
Delhi	-	11	493
Gujarat	29	36	709
Haryana	32	31	3026
Himachal Pradesh	32	31	-
Jammu & Kashmir	18	20	4790
Jharkhand	9	22	-
Karnataka	23	26	1319
Kerala	101	90	325
Madhya Pradesh	18	29	5582
Maharashtra	30	36	920
Orissa	23	30	3064
Punjab	30	30	1623
Rajasthan	18	25	3175
Tamil Nadu	37	37	1135
Uttaranchal	17	19	-
Uttar Pradesh	13	20	2647
West Bengal	23	35	1464
India	23	31	1503

Source: NSS 60th Round, 2004

\* Relate to 1.1.2002. Except for Andhra Pradesh (1998), Assam (1991), Bihar (1992), Gujarat (1995), Karnataka (1998), Madhya Pradesh, Kerala and Orissa (2001), Maharashtra (2000), Tamil Nadu (1990) and Uttar Pradesh (1986) and are taken from 'Health Information of India' (2003) Central Bureau of Health Intelligence, Directorate General of Health Services, Ministry of Health and Family Welfare, Govt. of India.

**Table XIII.31 : Number (per 1000) of Hospitalised Cases Treated in Public Hospital and Private Hospital**

Major State	Treated in hospital #				% of bed in govt. hospitals *
	Rural		Urban		
	Govt. Hosp.	Pvt. Hosp.	Govt. Hosp.	Pvt. Hosp.	
Andhra Pradesh	272	727	358	642	40
Assam	742	258	554	446	84
Bihar	144	856	215	785	71
Chhattisgarh	535	465	493	507	-
Delhi	@	@	373	627	64
Gujarat	313	687	261	739	42
Haryana	206	794	290	710	75
Himachal Pradesh	781	219	895	105	91
Jammu & Kashmir	913	87	865	135	75
Jharkhand	466	534	312	688	-
Karnataka	400	600	289	711	74
Kerala	356	644	346	654	31
Madhya Pradesh	585	415	485	515	-
Maharashtra	287	713	280	720	57
Orissa	791	209	731	269	98
Punjab	294	706	264	736	75
Rajasthan	521	479	637	363	-
Tamil Nadu	408	592	372	628	78
Uttaranchal	431	569	342	658	-
Uttar Pradesh	269	730	314	686	72
West Bengal	786	213	654	346	86
India	417	583	382	618	62

Source: NSS 60th Round, 2004

# Based on 'type of hospital' reported cases only.

\* The data relate to 1.1.2002 and are taken from ' Health Information of India ' (2003) Central Bureau of Health Intelligence. Directorate General of Health Service, Ministry of Health and Family Welfare, Govt. of India.

@ Not presented.

Table XIII.32: NFHS - 3 - Key Indicators, West Bengal, 2005 - 06

Indicator	Residence			Education			NFHS - 1 (1992-93)			
	NFHS-3 (2005-06)	Urban	Rural	Kolkata	No. education <sup>2</sup>	< 8 years complete <sup>2</sup>		8-9 years complete <sup>2</sup>	10 years complete and above <sup>2</sup>	NFHS - 2 (1998-99)
Marriage and Fertility										
1. Women age 20-24 married by age 18 (%)	53.3	31.5	62.6	21.0	67.9	66.7	42.7	13.1	45.9	56.4
2. Men age 25-29 married by age 21 (%)	26.9	10.2	34.7	7.5	47.5	30.8	20.2	6.5	NA	NA
3. Total fertility rate (children per woman)	2.27	1.59	2.54	1.35	3.07	2.19	1.89	1.36	2.29	2.92
4. Women age 15-19 who were already mothers or pregnant at the time of the survey (%)	25.3	11.3	30.0	7.7	44.1	31.6	13.0	6.1	NA	NA
5. Median age at first birth for women age 25-49	19.0	20.8	18.4	21.9	18.0	18.5	20.1	24.1	19.2	18.6
6. Married women with 2 living children wanting no more children (%)	89.4	95.2	87.2	92.6	83.2	90.4	92.6	97.4	87.2	74.2
6a. Two sons	93.5	97.6	91.9	93.6	89.1	93.1	98.8	99.6	92.7	85.1
6b. One son, one daughter	92.9	96.9	91.3	93.3	89.6	92.9	94.5	98.1	92.1	80.3
6c. Two daughters	74.3	86.8	68.9	89.6	63.4	74.3	82.1	92.1	63.3	49.9
Family Planning (currently married women age 15-49)										
Current use										
7. Any method (%)	71.2	75.5	69.5	77.0	70.2	71.8	71.7	72.0	66.6	57.7
8. Any modern method (%)	49.9	49.9	49.9	45.6	54.4	50.9	45.4	38.7	47.3	37.6
8a. Female sterilization (%)	32.2	28.8	33.5	24.6	42.4	31.9	22.8	12.0	32.0	26.5
8b. Male sterilization (%)	0.7	0.5	0.8	0.2	1.0	0.8	0.2	0.4	1.8	4.3
8c. IUD (%)	0.6	0.9	0.5	1.4	0.5	0.4	0.6	1.5	1.4	1.3
8d. Pill (%)	11.7	10.7	12.1	9.2	8.8	14.1	16.2	10.2	9.2	3.6
8e. Condom (%)	4.5	8.9	2.7	9.9	1.5	3.4	5.7	14.8	2.9	1.9
Unmet need for family planning										
9. Total unmet need (%)	8.8	6.0	10.0	4.7	8.5	9.9	9.6	6.5	11.8	17.4
9a. For spacing (%)	4.4	2.7	5.1	2.5	3.6	4.9	6.2	3.8	6.3	9.4
9b. For limiting (%)	4.4	3.3	4.9	2.3	4.9	5.0	3.4	2.7	5.5	8.0
Maternal and Child Health										
Maternity care (for births in the last 3 years)										
10. Mothers who had at least 3 antenatal care visit for their last birth (%)	62.4	87.3	55.8	87.7	45.7	66.8	76.6	92.2	57.4	50.3
11. Mothers who consumed IFA for 90 days or more when they were pregnant with their last child (%)	24.3	37.4	20.8	41.6	14.4	22.9	32.3	55.6	NA	NA

contd...

Table XIII.32: NFHS - 3 - Key Indicators, West Bengal, 2005 - 06 - contd.

Indicator	Residence			Education				NFHS - 2 (1998-99)	NFHS - 1 (1992-93)
	NFHS-3 (2005-06)	Urban	Rural	Kolkata	No. education <sup>2</sup>	< 8 years complete <sup>2</sup>	8-9 years complete <sup>2</sup>	10 years complete and above <sup>2</sup>	
12. Births assisted by a doctor/nurse/LHV/ANM/other health personnel (%) <sup>1</sup>	45.7	80.2	36.8	88.3	24.6	49.6	67.1	91.3	33.9
13. Institutional births (%) <sup>1</sup>	43.1	79.2	33.8	87.7	22.9	45.8	64.2	89.5	32.0
14. Mothers who received postnatal care from a doctor/nurse/LHV/ANM/other health personnel within 2 days of delivery for their last birth (%) <sup>1</sup>	37.8	67.4	29.9	70.1	22.6	35.9	54.4	79.8	NA
<b>Child immunization and vitamin A supplementation<sup>1</sup></b>									
15a. Children 12-23 months fully immunized (BCG, measles, and 3 doses each of polio/DPT)(%)	64.3	70.3	62.8	67.6	52.7	71.6	76.7	70.9	43.8
15b. Children 12-23 months who have received BCG(%)	90.1	94.2	89.1	92.8	83.2	93.4	96.9	100.0	76.5
15c. Children 12-23 months who have received 3 doses of polio vaccine (%)	80.7	85.0	79.7	83.2	77.2	81.1	90.0	82.8	61.7
15d. Children 12-23 months who have received 3 doses of DPT vaccine (%)	71.5	79.4	69.5	76.6	62.1	74.4	84.1	86.9	58.3
15e. Children 12-23 months who have received measles vaccine (%)	74.7	78.7	73.7	80.7	64.3	80.8	84.8	84.6	52.4
16. Children age 12-35 months who received a vitamin A dose in last 6 months (%)	41.2	28.4	44.4	18.7	36.1	46.5	44.8	39.4	NA
<b>Treatment of childhood diseases (children under 3 years)<sup>1</sup></b>									
17. Children with diarrhoea in the last 2 weeks who received ORS(%)	43.7	34.9	45.3	*	41.7	35.9	*	*	40.5
18. Children with diarrhoea in the last 2 weeks taken to a health facility (%)	52.7	67.6	50.0	*	41.6	57.3	*	*	54.2
19. Children with acute respiratory infection or fever in the last 2 weeks taken to a health facility (%)	48.0	62.4	44.5	80.4	41.2	46.4	59.3	66.3	NA
<b>Child Feeding Practices and Nutritional Status of Children<sup>1</sup></b>									
20. Children under 3 years breastfed within one hour of birth (%)	23.7	20.8	24.5	25.9	25.8	23.7	22.1	18.2	25.0
21. Children age 0-5 months exclusively breastfed(%)	58.6	65.0	57.1	25.2	65.6	56.9	35.8	65.8	NA
22. Children age 6-9 months receiving solid or semi-solid food and breastmilk(%)	55.9	58.0	55.3	75.7	48.8	54.4	*	69.6	NA
23. Children under 3 years who are stunted (%)	33.0	22.7	35.4	21.0	39.1	35.6	21.2	11.3	41.5
24. Children under 3 years who are wasted(%)	19.0	14.2	20.2	12.8	23.4	18.3	11.5	12.8	13.6
25. Children under 3 years who are underweight(%)	43.5	30.0	46.7	24.9	54.3	40.9	33.5	18.8	48.7

Table XIII.32: N F H S - 3 - Key Indicators, West Bengal, 2005 - 06, - conold.

Indicator	Residence			Education				NFHS - 1 1992-93
	NFHS-3 (2005-06)	Urban	Rural	Kolkata	No. education <sup>2</sup>	< 8 years complete <sup>2</sup>	8-9 years complete <sup>2</sup>	10 years complete and above <sup>2</sup>
<b>Nutritional Status of Ever-Married Adults (age 15-49)</b>								
26. Women whose Body Mass index is below normal (%)	37.7	19.9	44.9	12.0	47.5	38.5	28.6	12.5
27. Men whose Body Mass Index is below normal (%)	31.6	15.9	38.0	14.1	42.0	37.3	21.9	14.7
28. Women who are overweight or obese (%)	12.5	29.1	5.7	36.7	5.5	10.0	17.4	36.7
29. Men who are overweight or obese (%)	6.1	15.4	2.2	25.1	0.8	3.3	7.7	16.8
<b>Anaemia among Children and Adults</b>								
30. Children age 6-35 months who are anaemic (%)	69.4	58.2	71.9	64.0	75.8	71.5	57.7	44.4
31. Ever-married women age 15-49 who are anaemic (%)	63.8	59.0	65.6	56.1	67.4	63.8	59.6	55.9
32. Pregnant women age 15-49 who are anaemic (%)	62.6	63.1	62.5	50.0	67.5	61.9	63.3	50.3
33. Ever-married men age 15-49 who are anaemic (%)	33.1	26.9	35.4	19.7	40.1	34.3	27.9	24.3
<b>Knowledge of HIV/AIDS among Ever-Married Adults (age 15-49)</b>								
34. Women who have heard of AIDS (%)	50.2	78.4	39.0	89.7	21.6	54.3	83.6	98.3
35. Men who have heard of AIDS (%)	73.5	91.9	65.8	95.9	45.0	73.0	95.1	99.0
36. Women who know that consistent condom use can reduce the chances of getting HIV/AIDS (%)	29.3	52.5	20.0	62.6	8.9	26.8	51.0	79.3
37. Men who know that consistent condom use can reduce the chances of getting HIV/AIDS (%)	56.0	79.5	46.1	85.9	23.2	52.2	77.3	93.1
<b>Women's Empowerment</b>								
38. Currently married women who usually participate in household decisions (%)	38.1	47.6	34.3	55.8	38.3	34.3	34.7	49.8
39. Ever-married women who have ever experienced spousal violence (%)	40.3	30.4	44.2	26.7	49.0	44.3	27.3	13.8

NA : Not available

\* Not shown, based on fewer than 25 unweighted cases.

1 Based on the last 2 births in the 3 years before the survey. 2. For children, the education refers to the mother's education. Children with missing information on the mother's education are not included in the education columns.

Table XIII.33: Nutritional Status of Children

Percentage of Children Under Age Five Years Classified as Malnourished according to Three Anthropometric Indices of Nutritional Status: Height-for-age, Weight-for-height, and Weight-for-age for India and Bigger States, 2005-06

India and Bigger States	Height-for-age			Weight for height			Weight for age				
	Percentage below -3 SD	Percentage below -2 SD <sup>1</sup>	Mean Z-score (SD)	Percentage below -3 SD	Percentage below -2 SD <sup>1</sup>	Percentage above +2 SD	Mean Z-score (SD)	Percentage below -3 SD	Percentage below -2 SD <sup>1</sup>	Percentage above +2 SD	Mean Z-score (SD)
India	23.7	48.0	-1.9	6.4	19.8	1.5	-1.0	15.8	42.5	0.4	-1.8
Andhra Pradesh	18.7	42.7	-1.7	3.5	12.2	2.2	-0.7	9.9	32.5	0.6	-1.5
Assam	20.9	46.5	-1.8	4.0	13.7	1.2	-0.8	11.4	36.4	0.3	-1.6
Bihar	29.1	55.6	-2.1	8.3	27.1	0.3	-1.4	24.1	55.9	0.1	-2.2
Chhattisgarh	24.8	52.9	-2.0	5.6	19.5	1.3	-1.1	16.4	47.1	0.0	-1.9
Gujarat	25.5	51.7	-2.0	5.8	18.7	1.2	-1.0	16.3	44.6	0.1	-1.8
Haryana	19.4	45.7	-1.8	5.0	19.1	1.4	-1.0	14.2	39.6	0.2	-1.7
Jharkhand	26.8	49.8	-1.9	11.8	32.3	0.6	-1.5	26.1	56.5	0.2	-2.2
Karnataka	20.5	43.7	-1.7	5.9	17.6	2.6	-1.0	12.8	37.6	0.5	-1.6
Kerala	6.5	24.5	-1.1	4.1	15.9	1.2	-0.9	4.7	22.9	0.4	-1.2
Madhya Pradesh	26.3	50.0	-2.0	12.6	35.0	1.0	-1.6	27.3	60.0	0.1	-2.3
Maharashtra	19.1	46.3	-1.8	5.2	16.5	2.8	-0.9	11.9	37.0	0.9	-1.6
Orissa	19.6	45.0	-1.7	5.2	19.5	1.7	-1.0	13.4	40.7	0.5	-1.7
Punjab	17.3	36.7	-1.5	2.1	9.2	1.5	-0.5	8.0	24.9	0.5	-1.2
Rajasthan	22.7	43.7	-1.7	7.3	20.4	1.6	-1.1	15.3	39.9	0.4	-1.7
Tamil Nadu	10.9	30.9	-1.1	8.9	22.2	3.6	-1.0	6.4	29.8	1.9	-1.3
Uttar Pradesh	32.4	56.8	-2.2	5.1	14.8	1.2	-0.8	16.4	42.4	0.1	-1.8
West Bengal	17.8	44.6	-1.7	4.5	16.9	1.9	-0.9	11.1	38.7	0.5	-1.6

<sup>1</sup>Includes children who are below -3 standard deviations (SD) from the International Reference Population median.

Source: NFHS-3



**Table XIII.34 : Prevalence of Anaemia in Children**

Percentage of Children Aged 6-59 Months Classified as having Anaemia, 2005-06

India and Bigger States	Anaemia status by haemoglobin level			
	Mild (10.0-10.9 g/dl)	Moderate (7.0-9.9 g/dl)	Severe (<7.0 g/dl)	Any anaemia (<11.0 g/dl)
<b>India</b>	<b>26.3</b>	<b>40.2</b>	<b>2.9</b>	<b>69.5</b>
Andhra Pradesh	23.7	43.5	3.6	70.8
Assam	28.7	38.7	2.2	69.6
Bihar	29.6	46.8	1.6	78.0
Chhattisgarh	24.0	45.2	2.0	71.2
Gujarat	25.0	41.1	3.6	69.7
Haryana	25.8	42.2	4.3	72.3
Jharkhand	29.3	39.1	1.9	70.3
Karnataka	28.6	38.6	3.2	70.4
Kerala	23.5	20.5	0.5	44.5
Madhya Pradesh	27.1	43.6	3.4	74.1
Maharashtra	21.9	39.6	1.8	63.4
Orissa	28.9	34.5	1.6	65.0
Punjab	21.7	38.1	6.6	66.4
Rajasthan	22.8	40.2	6.7	69.7
Tamil Nadu	27.1	34.6	2.6	64.2
Uttar Pradesh	25.4	45.0	3.6	73.9
<b>West Bengal</b>	<b>30.0</b>	<b>29.4</b>	<b>1.5</b>	<b>61.0</b>

Source: NFHS-3

Table XIII.35: Nutritional Status of Women

Percentage of Women Aged 15-49 below 145 cm, Mean Body Mass Index (BMI) and Percentage With Specific BMI Levels, by India and Bigger States, 2005-06

India and Bigger States	Height	Body Mass Index (BMI)* in kg/m2							
	Percentage below 145 cm	Mean BMI	18.5-24.9 (normal)	Thin		<17.0(moderately/severely thin)	Overweight/obese		
				<18.5 (total thin)	17.0-18.4 (mildly thin)		≥25.0 (overweight or obese)	25.0-29.9 (overweight)	≥30.0 (obese)
India	11.4	20.5	51.8	35.6	19.7	15.8	12.6	9.8	2.8
Andhra Pradesh	12.1	20.9	50.9	33.5	17.8	15.6	15.6	11.5	4.1
Assam	15.8	20.0	55.7	36.5	21.4	15.2	7.8	6.9	0.9
Bihar	15.9	19.4	50.4	45.1	25.9	19.2	4.6	4.0	0.6
Chhattisgarh	11.9	19.5	51.0	43.4	24.4	19.0	5.6	4.3	1.3
Gujarat	8.7	20.8	47.0	36.3	17.7	18.6	16.7	12.1	4.6
Haryana	4.4	21.1	51.2	31.3	16.8	14.5	17.4	13.0	4.4
Jharkhand	18.0	19.5	51.7	43.0	25.0	18.0	5.4	4.5	0.9
Karnataka	9.9	20.7	49.2	35.5	18.6	16.9	15.3	11.6	3.7
Kerala	8.6	22.6	53.9	18.0	9.6	8.4	28.1	23.1	5.0
Madhya Pradesh	8.4	19.7	50.8	41.7	22.8	18.9	7.6	6.2	1.4
Maharashtra	10.6	20.6	49.3	36.2	19.3	17.0	14.5	10.9	3.6
Orissa	13.1	19.7	52.0	41.4	23.1	18.3	6.6	5.5	1.1
Punjab	4.5	22.9	51.2	18.9	11.4	7.5	29.9	20.8	9.1
Rajasthan	5.0	20.1	54.4	36.7	21.5	15.2	8.9	7.1	1.8
Tamil Nadu	9.5	21.6	50.6	28.4	14.9	13.5	20.9	15.8	5.1
Uttar Pradesh	14.4	20.1	54.8	36.0	21.1	14.9	9.2	7.5	1.7
West Bengal	14.3	20.2	49.6	39.1	21.4	17.6	11.4	9.4	2.0

\* Excludes pregnant women and women with a birth in the Preceding 2 months

Source: NFHS-3

Table XIII.36: Prevalence of Anaemia in Women

Percentage of Women Aged 15-49 with Anaemia by India and Bigger States, 2005-06

India and Bigger States	Mild anaemia (10.0-11.9 g/dl) <sup>1</sup>	Moderate anaemia (7.0-9.9 g/dl)	Severe anaemia (< 7.0 g/dl)	Any anaemia (< 12.0 g/dl) <sup>2</sup>
<b>India</b>	<b>38.6</b>	<b>15.0</b>	<b>1.8</b>	<b>55.3</b>
Andhra Pradesh	39.0	20.6	3.3	62.9
Assam	44.8	21.2	3.4	69.5
Bihar	50.5	15.9	1.0	67.4
Chhattisgarh	39.9	15.7	1.9	57.5
Gujarat	36.2	16.5	2.6	55.3
Haryana	37.6	16.7	1.7	56.1
Jharkhand	49.6	18.6	1.3	69.5
Karnataka	34.4	15.1	2.0	51.5
Kerala	25.8	6.5	0.5	32.8
Madhya Pradesh	40.8	14.1	1.0	56.0
Maharashtra	32.8	13.9	1.7	48.4
Orissa	44.9	14.9	1.5	61.2
Punjab	26.2	10.4	1.4	38.0
Rajasthan	35.2	15.4	2.5	53.1
Tamil Nadu	37.4	13.6	2.2	53.2
Uttar Pradesh	35.1	13.2	1.6	49.9
<b>West Bengal</b>	<b>45.8</b>	<b>16.4</b>	<b>1.0</b>	<b>63.2</b>

<sup>1</sup> For pregnant women, the value is 10.0-10.9 g/dl

Source: NFHS-3

<sup>2</sup> For pregnant women, the value is < 11.0 g/dl  
Haemoglobin in g/dl = grams per decilitre.



## **Chapter – XIV**

### **OPD TRACKING SYSTEM**

---

---



## Introduction:

An on-line OPD tracking system has been developed and implemented in order to track the OPD performance and doctors' attendance in medical institutions in scheduled time. The performance report has been made available to the departmental website for general viewing. At present all the medical institutions run by State Government having more than 100 beds are being monitored by this system.

The present involvement of ICT in the department for OPD status monitoring system is as follows:

- All the heads of the institutions report the performance of the concerned Outdoor patient departments through sms.
- The performance reports contain information on OPD openings and doctors' presence in the OPDs of the institutions.
- A sms server at the Headquarter receives reports and provides feedback.
- The sms server analyses the report and prepares management and citizen centric information.
- The citizen centric part of the information gets published in the departmental website for general viewing.

**Table XIV.1: District-wise Performance Report in West Bengal on OPD Tracking System during 2012 (January to December)**

Sl. No.	District	No. of OPD Scheduled	No. of OPD actually opened	% of OPD actually opened	No. of Doctors Scheduled	No. of Doctors actually attended	% of Doctors actually attended
1	Bankura	10471	10041	95.89	14615	13786	94.33
2	Bardhaman	11619	10515	90.50	35700	21897	61.34
3	Birbhum	9880	8145	82.44	8881	7014	78.98
4	Koch Bihar	11420	10357	90.69	13743	12118	88.18
5	Dakshin Dinajpur	6906	6260	90.65	6907	6248	90.46
6	Darjiling	16588	15740	94.89	26895	20791	77.30
7	Hugli	8953	8581	95.84	9311	7972	85.62
8	Haora	15348	12532	81.65	17136	13485	78.69
9	Jalpaiguri	13199	12331	93.42	29760	26621	89.45
10	Kolkata	42253	41565	98.37	106677	99345	93.13
11	Malda	5314	4931	92.79	7760	6134	79.05
12	Murshidabad	12557	12204	97.19	16441	15417	93.77
13	Nadia	25337	22971	90.66	29432	26591	90.35
14	North 24-Parganas	22852	20555	89.95	22922	20757	90.55
15	Paschim Medinipur	14308	13183	92.14	15073	13466	89.34
16	Purba Medinipur	7340	5655	77.04	7766	6054	77.96
17	Puruliya	7922	7279	91.88	12165	10768	88.52
18	South 24-Parganas	18294	16576	90.61	22507	19417	86.27
19	Uttar Dinajpur	5956	5573	93.57	7610	6622	87.02



**Table XIV.2: Hospital-wise Performance Report in each District of West Bengal on OPD Tracking System during 2012 (January to December)**

District	Name of Hospital	No. of OPD Scheduled	No. of OPD actually opened	% of OPD actually opened	No. of Doctors Scheduled	No. of Doctors actually attended	% of Doctors actually attended
Bankura	Bishnupur DH	1973	1690	85.66	1950	1666	85.44
	BSMCH	3832	3832	100.00	6244	6144	98.40
	Khatra SDH	506	499	98.62	578	541	93.60
Burddhaman	Durgapur SDH	1083	1073	99.08	1457	1418	97.32
	BMCH	4658	4604	98.84	28767	15957	55.47
	Kalna SDH	1052	658	62.55	1052	658	62.55
	Katwa SDH	2374	2003	84.37	2084	1713	82.20
	Asansol DH	2017	1754	86.96	1848	1684	91.13
Birbhum	Rampurhat DH	1566	1135	72.48	1541	1088	70.60
	Bolpur SDH	2061	1021	49.54	2131	1089	51.10
	Suri DH	3564	3343	93.80	1951	1624	83.24
Koch Bihar	Coochbehar DH	4724	4133	87.49	5017	4425	88.20
	Mathabhanga SDH	993	913	91.94	1083	916	84.58
	Toofanganj SDH	937	824	87.94	959	844	88.01
	Toofanganj Mental Hosp.	261	261	100.00	522	487	93.30
	Mekhliganj SDH	1059	822	77.62	1554	1094	70.40
	Dinhata SDH	1658	1616	97.47	1616	1560	96.53
Dakshin Dinajpur	Gangarampur SDH	2823	2710	96.00	2825	2710	95.93
	Balurghat DH	4069	3536	86.90	4068	3529	86.75
Darjiling	NBMCH	4282	4089	95.49	13131	7907	60.22
	Siliguri DH	3023	2732	90.37	3023	2673	88.42
	Darjeeling DH	2915	2915	100.00	2915	2911	99.86
	Kerseong SDH	1620	1466	90.49	2268	2070	91.27
	Kalingpong SDH	1998	1921	96.15	2204	2121	96.23
Hughli	Serampore SDH	1960	1960	100.00	2004	1195	59.63
	Uttarpara SGH	1191	1112	93.37	1190	1112	93.45
	Arambagh SDH	871	668	76.69	871	668	76.69
	Chandannagar SDH	1441	1368	94.93	1441	1367	94.86
	Chinsurah (Hugli) DH	3436	3419	99.51	3732	3557	95.31
Haora	Domjur RH	792	573	72.35	792	566	71.46
	Brindabanpur RH	42	42	100.00	42	42	100.00
	Jhumjhum RH	245	245	100.00	281	281	100.00
	Debipur RH	362	362	100.00	362	362	100.00
	Bauria SGH	193	193	100.00	313	313	100.00
	Kamalpur RH	432	432	100.00	288	255	88.54
	Belur SGH	538	478	88.85	807	747	92.57
	Amta RH	698	696	99.71	1080	960	88.89
	Udaynarayanpur SGH	317	194	61.20	317	194	61.20
	Howrah Dh	4311	2993	69.43	4310	2993	69.44
	South Howrah SGH	569	506	88.93	569	506	88.93
	Gabberia SGH	1494	929	62.18	1940	976	50.31
	Tulshiram Lakshmi Devi Jaiswal SGH	1114	979	87.88	1342	1112	82.86
	Ulluberia SDH	1718	1527	88.88	1776	1564	88.06

**Table XIV.2: Hospital-wise Performance Report in each District of West Bengal on OPD Tracking System during 2012 (January to December) - contd.**

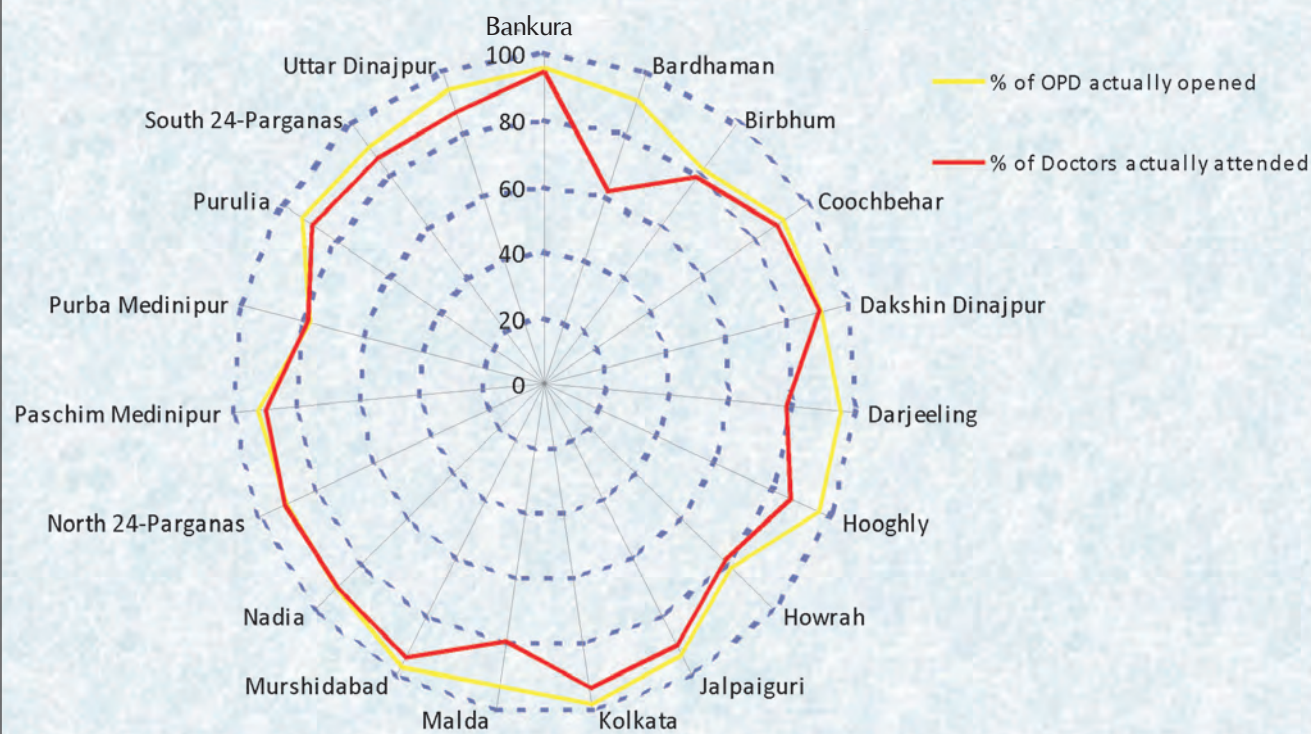
District	Name of Hospital	No. of OPD Scheduled	No. of OPD actually opened	% of OPD actually opened	No. of Doctors Scheduled	No. of Doctors actually attended	% of Doctors actually attended
Jalpaiguri	Jalpaiguri DH	3952	3847	97.34	16052	14254	88.80
	Birpara SGH	901	887	98.45	1670	1646	98.56
	Alipurduar SDH	3006	2596	86.36	3641	3006	82.56
Kolkata	SSKM	4172	4172	100.00	15187	14148	93.16
	Chittaranjan Seva Sadan	1900	1711	90.05	2932	2229	76.02
	Abinash Dutta Maternity Home	774	774	100.00	774	774	100.00
	Lady Dufferin Victoria Hospital	2072	2070	99.90	2106	2101	99.76
	R.G. Kar MCH	5339	5339	100.00	17114	16304	95.27
	B.C. Roy Polio Clinic & Hosp.	795	794	99.87	1433	1360	94.91
	NRS MCH	6314	6249	98.97	30076	27646	91.92
	Ramrikdas Haralalka	456	456	100.00	456	456	100.00
	North Subarban Hosp.	748	748	100.00	748	748	100.00
	B.C. Roy Children Hospital	1816	1674	92.18	3268	2792	85.43
	Bangur Institute of Neurology	318	318	100.00	1606	1071	66.69
	Regional Institute of Ophthalmology	1163	1163	100.00	1163	1148	98.71
	Kolkata MCH	5835	5808	99.54	9048	8617	95.24
	ID & BG Hospital	546	546	100.00	1147	1112	96.95
	School of Tropical Medicine	1032	1032	100.00	4128	4128	100.00
	Calcutta National MCH	4324	4183	96.74	8054	7913	98.25
	S. N. Pandit Hospital	3300	3179	96.33	4839	4287	88.59
	Institute of Psychiatry	636	636	100.00	1202	1197	99.58
	Calcutta Pavlov Hospital	219	219	100.00	902	820	90.91
	Lumbini Park Hospital	494	494	100.00	494	494	100.00
Malda	Malda DH	3212	3181	99.03	4026	2903	72.11
	Chanchal SDH	559	464	83.01	1219	1066	87.45
Murshidabad	Jangipur SDH	3035	3035	100.00	3574	3573	99.97
	Baharampur New General Hosp.	615	613	99.67	601	573	95.34
	Kandi SDH	1793	1604	89.46	1833	1634	89.14
	Sadar DH	603	603	100.00	603	599	99.34
	Lalbagh SDH	1650	1649	99.94	1750	1740	99.43
	Berhampore Mental Hosp.	106	106	100.00	391	389	99.49
	Domkal SDH	712	706	99.16	777	764	98.33
Nadia	Gandhi Memorial Hosp.	1038	992	95.57	1700	1462	86.00
	Sadar DH	2058	1283	62.34	2059	1281	62.21
	Ranaghat SDH	1840	1585	86.14	2223	1942	87.36
	Jawaharlal Nehru Memorial Hospital	1887	1850	98.04	3953	3537	89.48

**Table XIV.2: Hospital-wise Performance Report in each District of West Bengal on OPD Tracking System during 2012 (January to December)- conclud.**

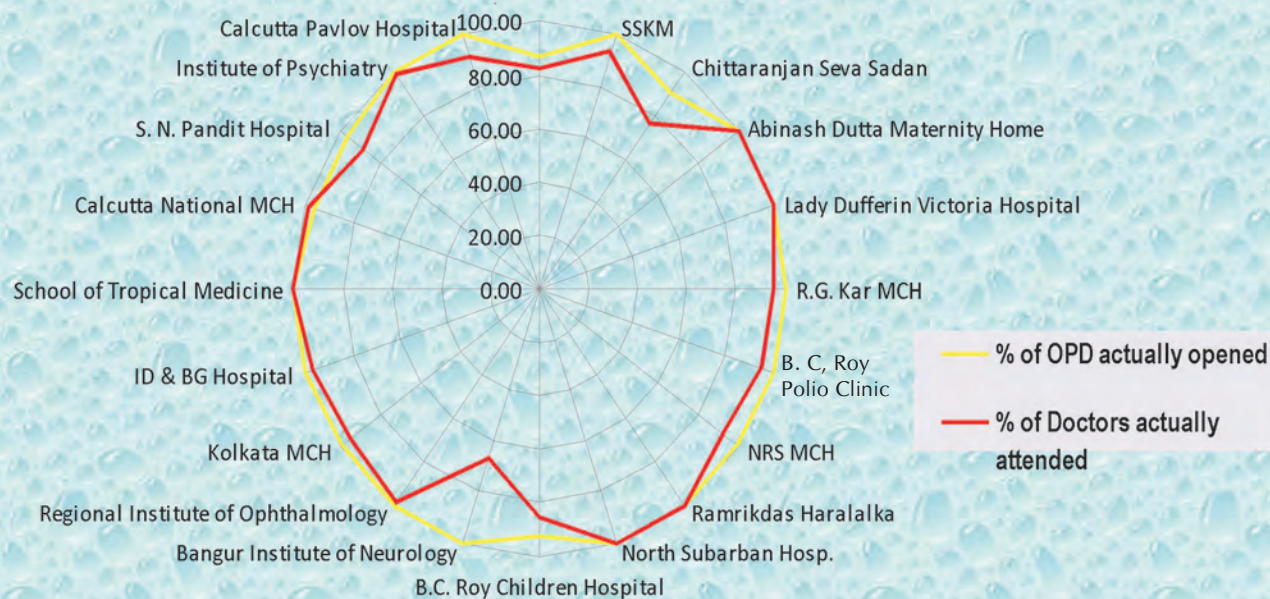
District	Name of Hospitals	No. of OPD Scheduled	No. of OPD actually opened	% of OPD actually opened	No. of Doctors Scheduled	No. of Doctors actually attended	% of Doctors actually attended
Nadia	Saktinagar (unit)	745	642	86.17	821	699	85.14
	Chakdah SGH	1016	700	68.90	1174	666	56.73
	Tehatta SDH	675	673	99.70	883	851	96.38
	Nabwadeep SGH	1333	1333	100.00	1333	1333	100.00
	Santipur SGH	330	323	97.88	449	437	97.33
North 24-Parganas	Bhatpara SGH	105	91	86.67	105	91	86.67
	Basirhat DH	1915	1447	75.56	1972	1484	75.25
	Barasat DH	3468	3046	87.83	3465	3030	87.45
	Panihati SGH	1028	741	72.08	806	668	82.88
	B.N. Bose SDH	3793	3254	85.79	1829	1515	82.83
	Saltlake SDH	3352	3297	98.36	2080	2021	97.16
North 24-Parganas	Bongaon SDH	2028	2014	99.31	2320	2298	99.05
	Barahanagar SGH	778	680	87.40	1489	1219	81.87
	Habra SGH	402	401	99.75	402	401	99.75
	Naihati SGH	404	395	97.77	507	498	98.22
	Sagar Dutta SGH	1213	1196	98.60	1617	1594	98.58
	Balaram SGH	995	825	82.91	1035	852	82.32
Paschim Medinipur	Medinipur MCH	1105	1105	100.00	2210	2040	92.31
	Jhargram DH	1619	1180	72.88	1764	1227	69.56
	Khargpur SDH	3408	3158	92.66	3553	3104	87.36
	Ghatal SDH	3335	2899	86.93	2199	1748	79.49
Purba Medinipur	Haldia SDH	2267	1945	85.80	2269	1942	85.59
	Tamluk DH	2163	1644	76.01	2250	1757	78.09
	Contai SDH	2339	1501	64.17	2652	1773	66.86
Puruliya	Raghunathpur SDH	971	849	87.44	1200	1076	89.67
	Purulia DH	3299	3043	92.24	3683	3489	94.73
	Institute of Mental Care	290	290	100.00	1358	1263	93.00
South 24-Parganas	Diamond Harbour DH	2377	2146	90.28	2882	2581	89.56
	Gardenreach SGH	155	155	100.00	310	310	100.00
	Baghajatin SGH	678	616	90.86	707	627	88.68
	Vidyasagar SGH	3443	2783	80.83	4366	3392	77.69
	Baruipur SDH	2085	2077	99.62	2341	2331	99.57
	Canning SDH	2136	2053	96.11	2743	2619	95.48
	Bijoygar SGH	631	630	99.84	776	774	99.74
	Kakdwip SDH	1423	1401	98.45	1423	1401	98.45
	M.R. Bangur DH	4370	3719	85.10	4370	3719	85.10
Uttar Dinajpur	Raiganj DH	2605	2542	97.58	2605	2535	97.31
	Kaliaganj SGH	374	374	100.00	561	561	100.00
	Islampur SDH	1434	1258	87.73	1459	998	68.40



**Performance on OPD Tracking System in 2012 (January to December)  
in the Districts of West Bengal**



**Performance OPD Tracking System Hospitals of Kolkata in 2012 (January to December)**





## **ANNEXURE - DEFINITIONS**

---

---





## DEFINITIONS :

1. Crude Birth Rate (CBR)	:	Annual number of live births per 1000 population.
2. Crude Death Rate (CDR)	:	Annual number of deaths per 1000 population.
3. Sex Ratio	:	Number of females per 1000 males .
4. Population Density	:	Number of persons per square kilometre.
5. Expectation of life at birth	:	Average number of years a new born child is expected to live under current mortality conditions.
6. Couple Protection Rate (CPR)	:	Percentage of eligible couples protected by different Family Planning methods.
7. General Fertility Rate (GFR)	:	Annual number of live births per 1000 women in the reproductive age group (15-49 years).
8. General Marital Fertility Rate (GMFR)	:	Annual number of live births per 1000 married women in the reproductive age group (15-49 years).
9. Total Fertility Rate (TFR)	:	Average number of children that would be born to a woman if she experiences the current fertility pattern throughout the reproductive span.
10. Total Marital Fertility Rate (TMFR)	:	Average number of children that would be born to a married woman if she experiences the current fertility pattern throughout her reproductive span.
11. Age Specific Fertility Rate (ASFR)	:	Annual number of live births per 1000 women in any specified age group.
12. Age Specific Marital Fertility Rate (ASMFR)	:	Annual number of live births per 1000 married women in any specified age group.
13. Infant Mortality Rate (IMR)	:	Number of infants dying under one year of age per 1000 live births in a year.
14. Gross Reproduction Rate (GRR)	:	Average number of daughters that would be born to a woman if she experiences the current fertility pattern throughout her reproductive span (15-49 years).
15. Net Reproduction Rate (NRR)	:	Average number of daughters that would be born to a woman if she experiences the current fertility and mortality pattern throughout her reproductive span (15 –49 years). This rate is similar to Gross Reproduction Rate, but takes into account that some females will die before completing their childbearing years.
16. Maternal Mortality Ratio (MMR)	:	Annual number of deaths of women from any cause related to pregnancy and child birth per 100000 live births.
17. Age Specific Death Rate	:	Annual number of deaths per 1000 population in a specified age group.
18. Neo-natal Mortality Rate (NNMR)	:	Number of infants dying within the 1 <sup>st</sup> month of life (under 28 days) per 1000 live births in a year.
19. Early Neonatal Mortality Rate	:	Number of infants dying within 1 <sup>st</sup> week of life per 1000 live births in a year.
20. Late Neo-natal Mortality Rate	:	Number of infants dying between 7 days and 28 days per 1000 live births in a year.

## Annexure-Definitions

<b>21. Post Neo-natal Mortality Rate (PNMR)</b>	:	Number infants dying between 28 days and 1 year of age per 1000 live births in a year.
<b>22. Peri-natal Mortality Rate</b>	:	Number of still births and infant deaths of less than 7 days during the year per 1000 live births and still births of the same year.
<b>23. Still Birth Rate</b>	:	Annual number of still births per 1000 live births and still births during the year.
<b>24. Child Mortality Rate</b>	:	The probability of dying between the first and fifth birthdays.
<b>25. Under five mortality Rate</b>	:	Number of children dying under five years of age per 1000 live births in a year.
<b>26. Bed Turn Over Rate (BTR)</b>	:	Total number of discharges and deaths per bed ( in a given period).
<b>27. Bed days</b>	:	Number of sanctioned beds multiplied by the number of days in a given period.
<b>28. Bed Occupancy Rate (BOR)</b>	:	Percentage of bed days occupied (in a given period).
<b>29. Average length of stay (ALOS)</b>	:	Average number of days a patient stayed in the hospital.
<b>30. Emergency Admission Rate</b>	:	Percentage of patients admitted in the hospital among the patients attending the emergency.
<b>31. Out patient per bed day</b>	:	Number of patients attending the outdoor clinics per bed day.
<b>32. Annual Blood Smear Examination Rate (ABER)</b>	:	Number of blood smears examined in a year per 100 population.
<b>33. Annual Parasite Incidence(API)</b>	:	Number of blood smears found positive for malaria parasite in a year per 1000 population.
<b>34. Annual Falciparum Incidence (AFI)</b>	:	Number of blood smears found positive for P. falciparum in a year per 1000 population.
<b>35. Slide Positivity Rate (SPR)</b>	:	Number of blood smears found positive for malaria parasite per 100 blood smears examined.
<b>36. Slide Falciparum Rate (SFR)</b>	:	Number of blood smears found positive for P. falciparum per 100 blood smears examined.
<b>37. P. Falciparum Percentage (PF%)</b>	:	Number of blood smears found positive for P. falciparum per 100 blood smears positive for malaria parasite.
<b>38. Prevalence Rate (PR)</b>	:	Number of cases as on a specific date per 10000 population.
<b>39. Annual Case detection Rate / Lakh</b>	:	Number of cases detected during a year per lakh population
<b>40. Annual Case Detection Rate (ACDR/ Lakh ) for total cases</b>	:	Total cases detected (smear positive, smear negative and Extra Pulmonary TB) during a year per lakh population.
<b>41. Annual Case Detection Rate (ACDR / Lakh) for NSSP cases</b>	:	New sputum positive cases detected during a year per lakh population.
<b>42. % of estimated NSSP cases detected</b>	:	% of NSSP cases detected with respect to estimated number of cases (75/Lakh/Yr).
<b>43. Cure rate of NSSP cases</b>	:	Percentage of NSSP cases cured out of total NSSP cases detected during a specified period.



# স্বাস্থ্য ব্যবস্থায় আমূল পরিবর্তন

পশ্চিমবঙ্গে এখন ২১টি অসুস্থ নবজাতকের  
চিকিৎসা কেন্দ্র (SNCU) কার্যকরী



২০০৯ সালে SNCU  
ছিল মাত্র ৬টি  
এখন ২১টি



শিশুরা এখন সুরক্ষিত (২০১২)

স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, পশ্চিমবঙ্গ সরকার

আই.ই.সি. ডিভিশন কর্তৃক প্রকাশিত

# পোলিও রবিবার

আপনার সন্তানকে সুস্থ রাখুন



আপনার শিশুকে পোলিও রোগ থেকে রক্ষা করুন।  
৫ বছর বয়স পর্যন্ত পোলিওর টিকা প্রতিবার খাওয়ান।



স্বাস্থ্য ও পরিবার কল্যাণ দপ্তর, (আই.ই.সি. ডিভিশন), পশ্চিমবঙ্গ সরকার