

## 3. HEALTH STATUS INDICATORS

	Page No.
<b>3.1 Morbidity and Associated Mortality</b>	<b>61</b>
3.1.1 Communicable Diseases - State/UT wise Cases and Deaths Due to	61
3.1.1.1 Malaria 2006-2010(Provisional)	61
3.1.1.2 Chikungunya Fever 2009-2010(Provisional)	62
3.1.1.3 Kala-Azar 2007-2009(Provisional)	62
3.1.1.4 Japanese Encephalitis 2006-2010(Provisional)	63
3.1.1.5 Dengue 2006-2010(Provisional)	63
3.1.1.6 Cholera 2010(Provisional)	64
3.1.1.7 Acute Diarrhoeal Disease 2009 - 2010(Provisional)	65
3.1.1.8 Enteric Fever (Typhoid) 2009 - 2010(Provisional)	67
3.1.1.9 Acute Respiratory Infection 2009 - 2010(Provisional)	70
3.1.1.10 Tetanus Neonatal 2009 - 2010(Provisional)	71
3.1.1.11 Tetanus other than Neonatal 2009 - 2010(Provisional)	73
3.1.1.12 Diphtheria 2009 - 2010(Provisional)	75
3.1.1.13 Whooping Cough 2009 - 2010(Provisional)	77
3.1.1.14 Measles 2009 - 2010(Provisional)	79
3.1.1.15 Viral Hepatitis (All Causes) 2009 - 2010(Provisional)	81
3.1.1.16 Rabies 2009 - 2010(Provisional)	83
3.1.1.17 Polio 2009-2010, AFB Cases and Key Surveillance Indicators, 2010	85
3.1.1.18 Pneumonia 2009 - 2010(Provisional)	87
3.1.1.19 Meningococcal Meningitis 2009 - 2010(Provisional)	89
3.1.1.20 Syphilis 2009 - 2010(Provisional)	91
3.1.1.21 Gonococcal Infection 2009 - 2010(Provisional)	93
3.1.1.22 Performance of RNTCP-TB Case Detection, Deaths and Treatment Outcome During 2008 and TB Case Detection 2009	95
3.1.1.23 Observed HIV Prevalence Levels 2002-2008	96
3.1.1.24 Patients on Ever Started ART in India till 30th November 2009	98
3.1.1.25 Leprosy Case Detection, Treatment and Discharge 2009 - 10	99
3.1.1.26 Disease Alerts/Outbreaks Reported & Responded, Through Integrated Disease Surveillance Project (IDSP) In 2010	101
3.1.1.27 Influenza A H1N1 in India 2010	102
<b>3.1.2 Non Communicable Diseases</b>	<b>103</b>
3.1.2.1 Number of Estimated Cases of Coronary Heart Disease 2000, 2005, 2010 and 2015	103

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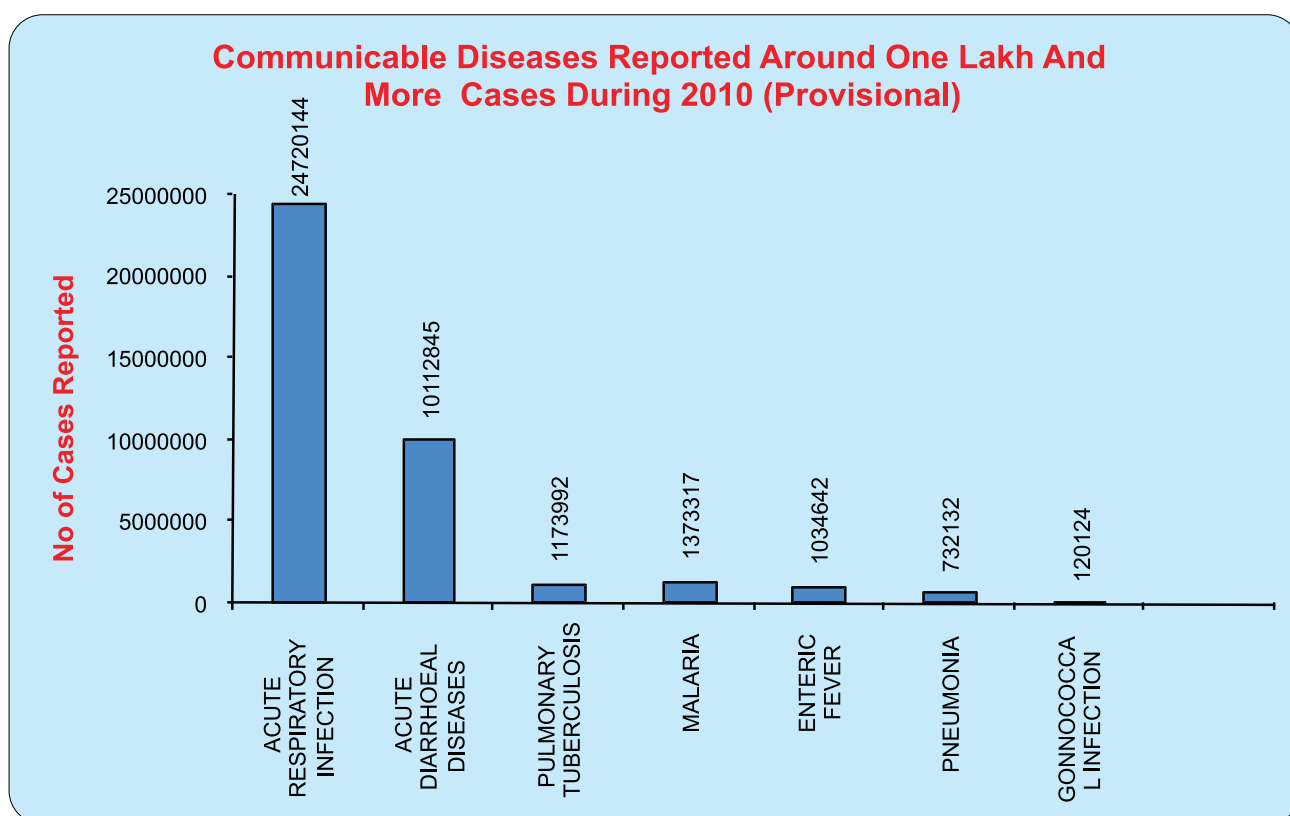
3.1.2.2	Age-Specific Prevalence Rates Estimated for Ischemic Heart Diseases (IHD) from the Studies Selected for DISMOD Analysis	103
3.1.2.3	Indices for Estimation of Burden of Ischemic Heart Diseases (I.H.D.) Burden of I.H.D.	104
3.1.2.4	Burden of Ischemic Heart Diseases (I.H.D.)	104
3.1.2.5	Burden of Stroke	105
3.1.2.6	Meta Analysis of Epidemiological Studies on Hypertension	105
3.1.2.7	Number of Estimated Cases of Diabetes in India 2000, 2005, 2010 & 2015	106
3.1.2.8	Burden of Diabetes	106
3.1.2.9	Odds Ratio / Risk Ratio associated with Diabetes as Risk Factor	106
3.1.2.10	Attributable Risk Due to Diabetes	107
3.1.2.11	State/UT wise Estimated Prevalence of Blindness in India 2004 (Latest)	108
3.1.2.12	State/UT wise Estimated Incidences of Blindness in India 2004 (Latest)	109
3.1.2.13	Indicies of Burden of Cancer in 2004	110
3.1.2.14	Crude Rate (CR), Age adjusted Rate (AAR) and Truncated (TR) incidence Rates per 100,000 population in different PBCR (2004-2005) and North East (2005-2006).	110
3.1.2.14B	Common cancer in the various PBCR's as per age adjusted incidence Rates.	111
3.1.2.15	Projected Cases of Cancer at India Level for Selected Sites and Selected Time Periods (2008-2010, 2015-2020)	112
3.1.2.16	Average Annual Age Specific Incidence (I) and Mortality (M) Rates Per 100,000 Persons - All Sites of Cancer for all PBCRs	113
3.1.2.17	State/UT wise Percentage of Women and Men Aged 15-49 Using Any Kind of Tobacco, Smoke Cigarettes or Bidis in India by Sex	114
3.1.2.18	Mental Health Case Load in India July 2002 (Latest)	115
3.1.3	Incidence of Deaths due to Accidents in India 2003 - 2009 (Latest)	116
3.1.4	State/UT wise Proportion of Disabled Population by Type of Disability in India 2001 (Census)	117
3.1.5	State/UT wise Cases and Deaths Due to Snake Bite in India 2009 - 2010 (Provisional)	119
3.2	Reproductive and Child Health - State/UT wise	120
3.2.1	Ante Natal Care	120
3.2.2	Percentage of Deliveries Attended by Trained Personnel	121
3.2.3	Percentage of couples using Contraceptives	122
3.2.4	Percentage of Children Breastfed and their Nutritional Status	123
3.2.5	Percentage of Children Immunized	124
3.2.6	Targets and Achievement of Maternity and Child Health Activities 1999-00 and 2009-10 (Provisional)	125
3.2.7	Nutritional Status of Women and Man	126
3.2.8	Percentage of Anaemia among Children and Adults	127
3.2.9	Incidence of Foeticide and Infanticide 2005 - 2009	128
	Executive Summary- Non-Communicable Disease Risk Factor Survey 2007-2008/MOHFW/GOI/2009	129

### 3. Health Status Indicators

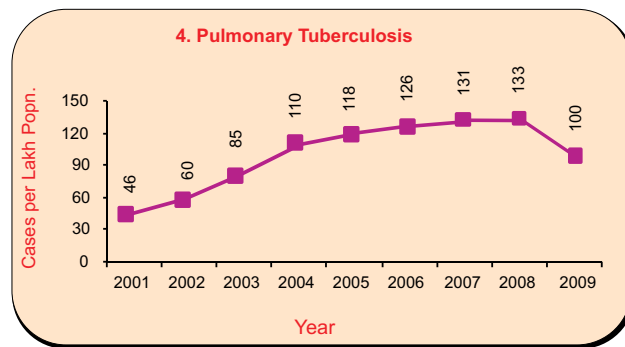
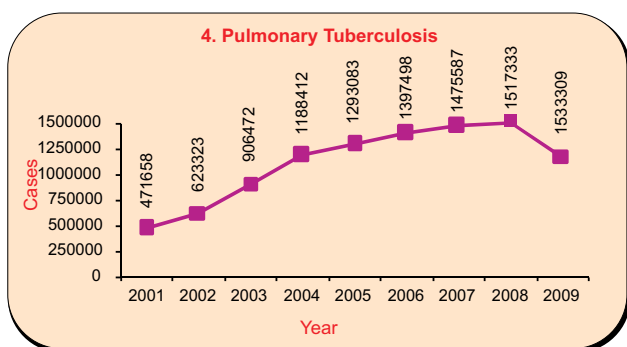
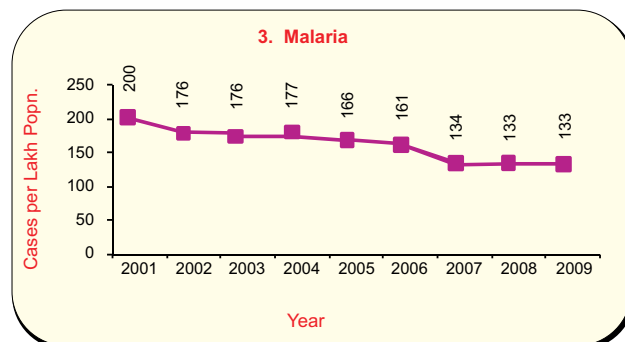
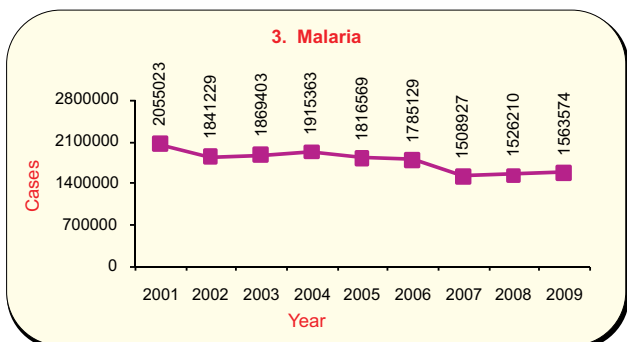
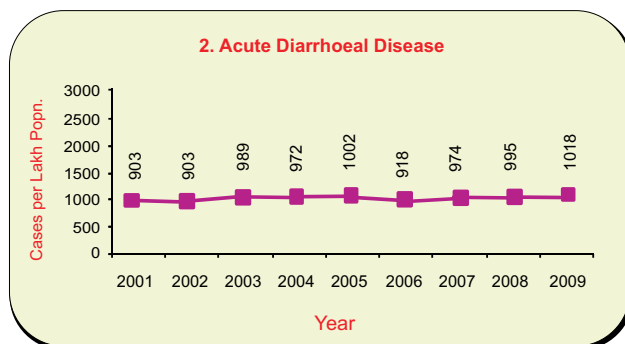
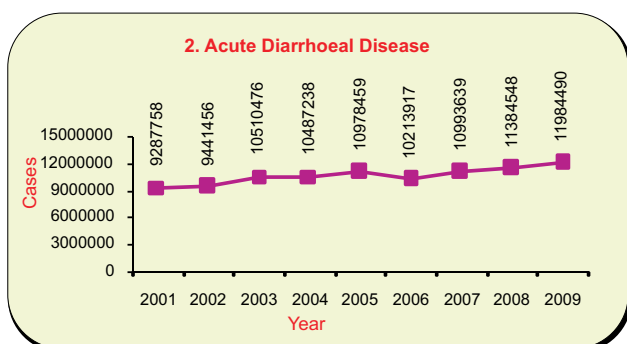
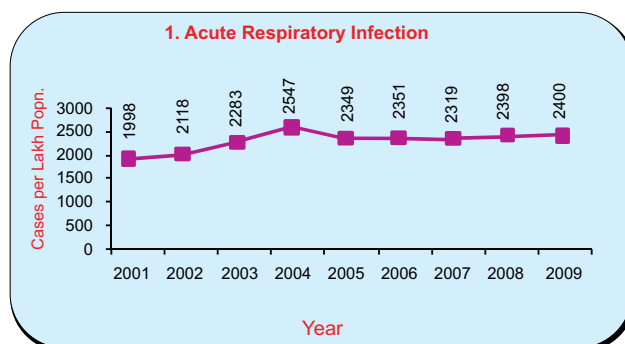
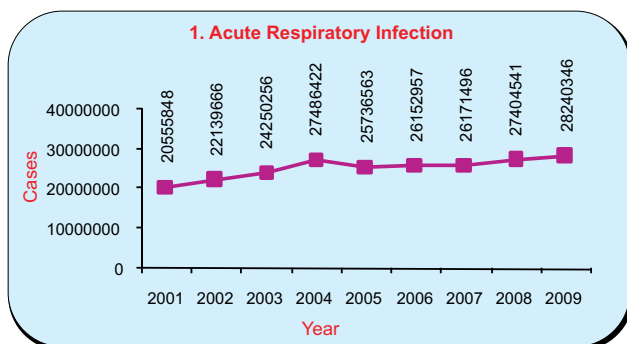
This chapter provides a broad overview on the incidence and prevalence of common Communicable and Non-communicable disease, morbidities & associated mortality, health risks and performance of related national health programmes in the country during the calendar year 2010 (January - December). It also provides an overview of reproductive and child health in the country.

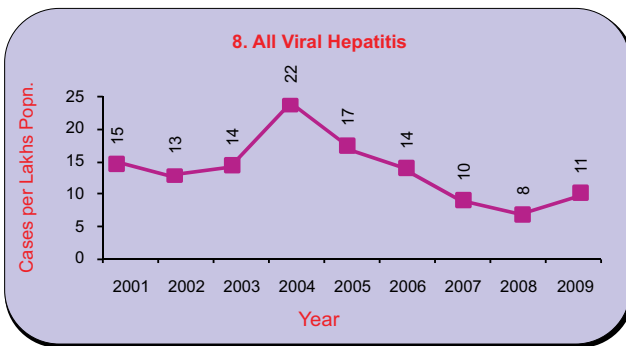
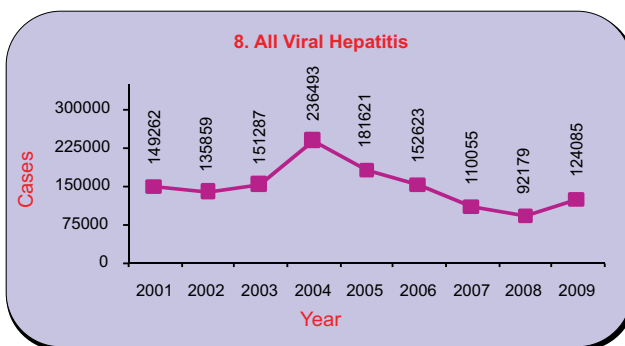
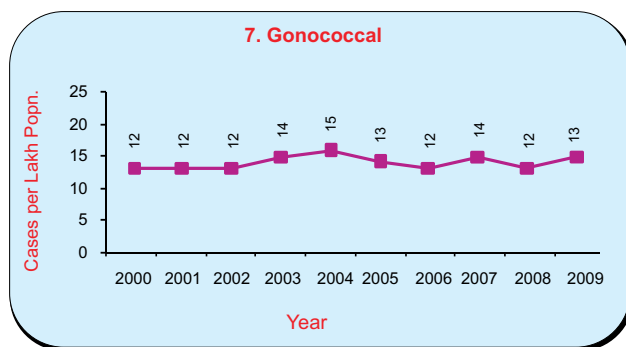
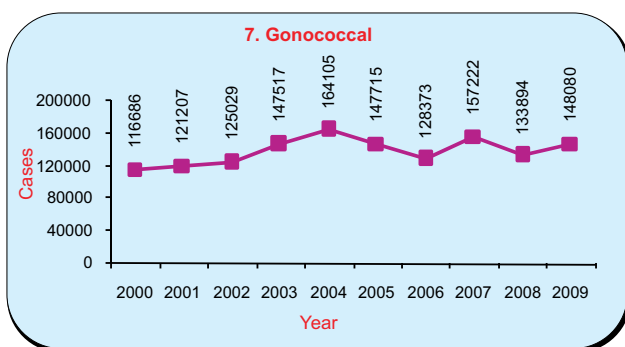
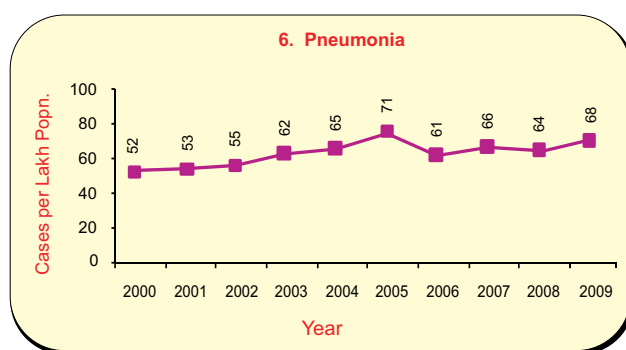
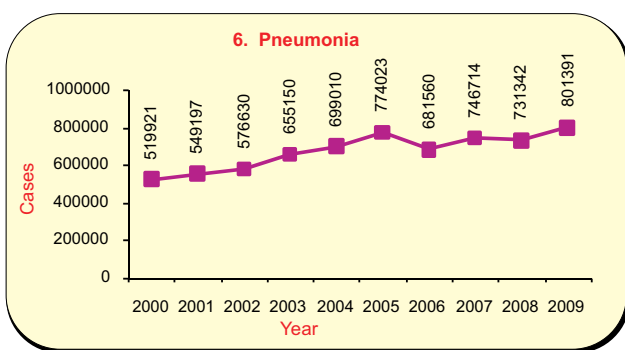
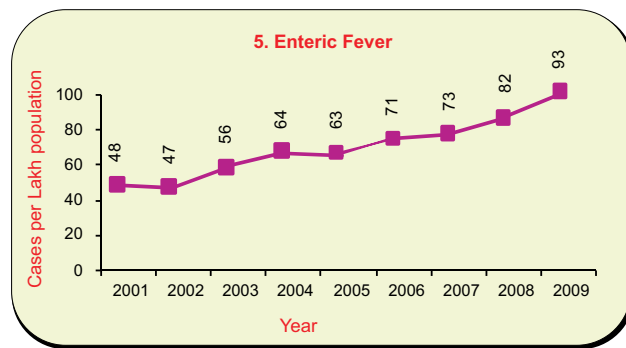
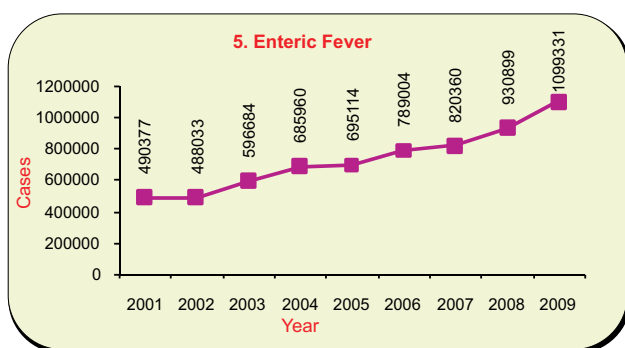
**Since the reported Data is by and large from Government Health Facilities, it may have limitations in terms of its completeness as Private Medical & Health Care Institution still need to strengthen their reporting to their respective Government Health units.**

- 3.1 Among the various communicable diseases reported by the States/UTs during the year 2010 (Provisional), while taking a cut off one lakh cases; the following communicable diseases accounted for the maximum number of cases reported.

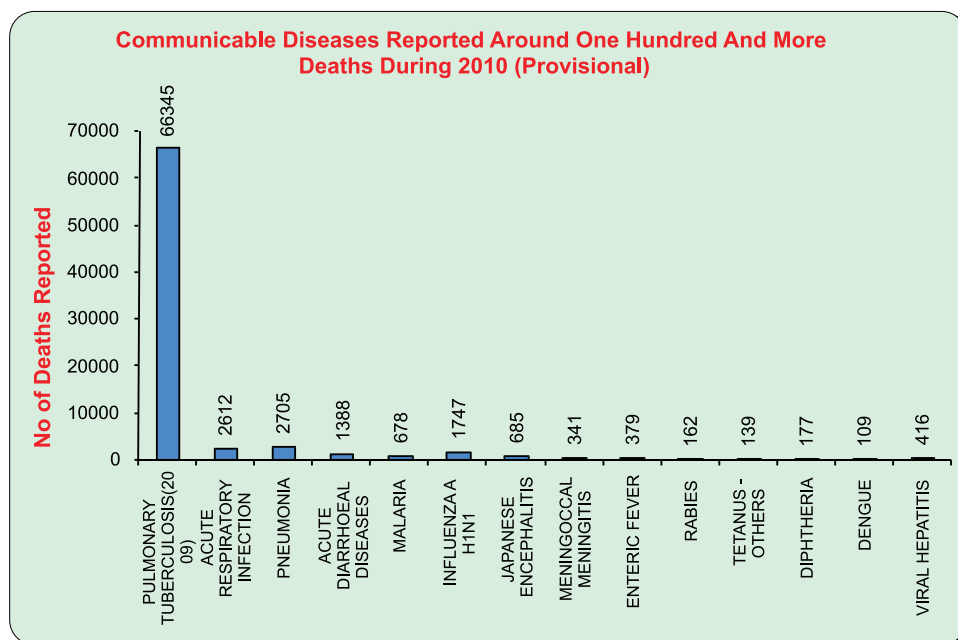


3.1.1 The Morbidity Trend (2001-2009) based on the information received in the past [& revised in succeeding year (s)] from States/UTs, in respect of these eight communicable diseases reporting around one lakh or more cases and corresponding cases per Lakh of Projected Population (as per Registrar General of India Estimates) are shown here under. Since figures for 2010 are still provisional / incomplete, have not been included in the following trend analysis :

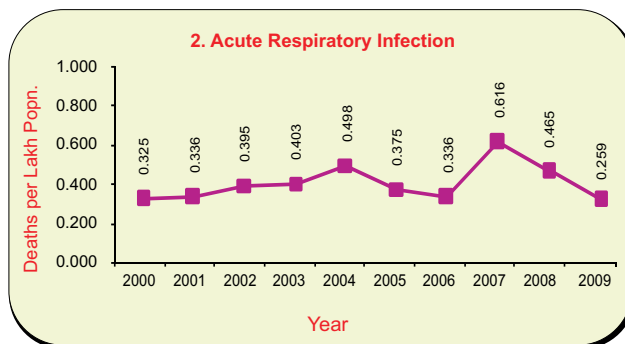
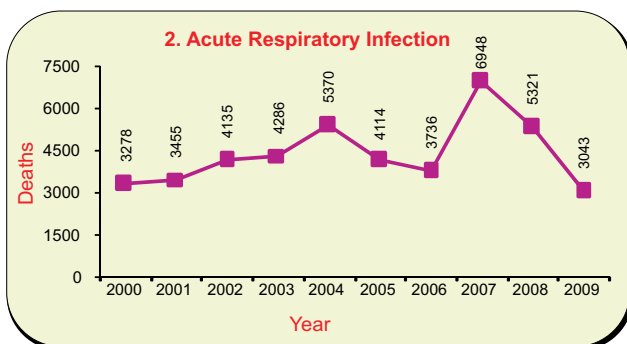
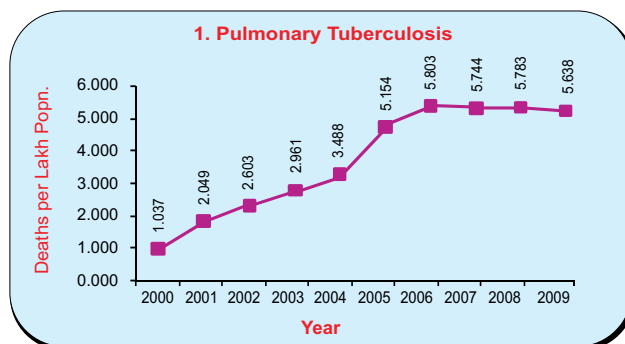
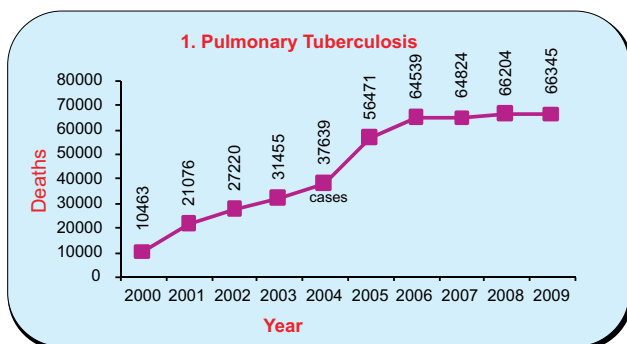


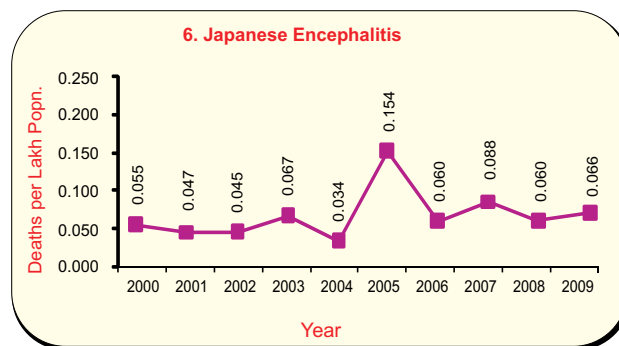
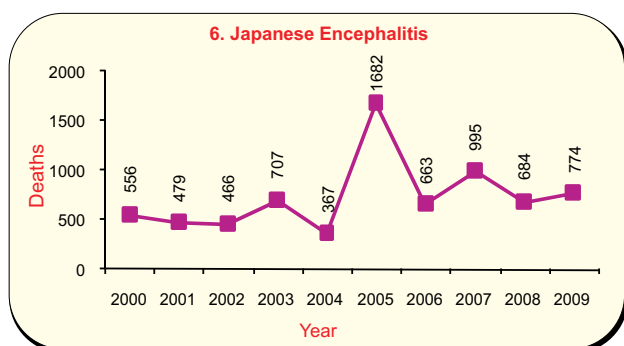
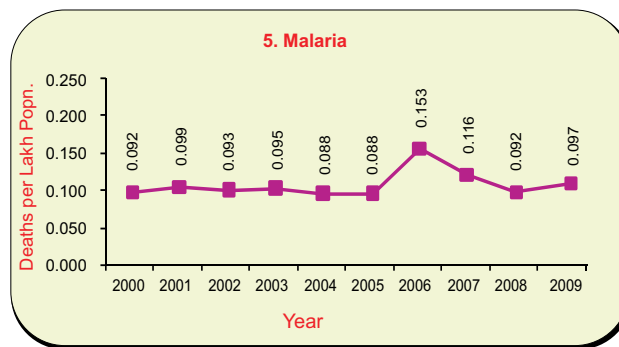
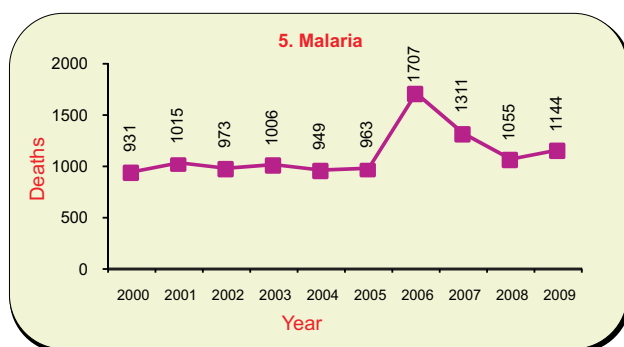
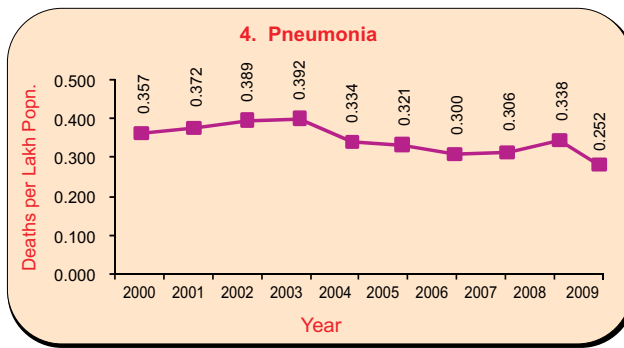
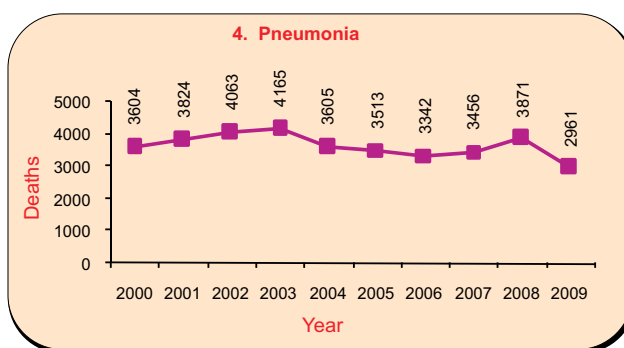
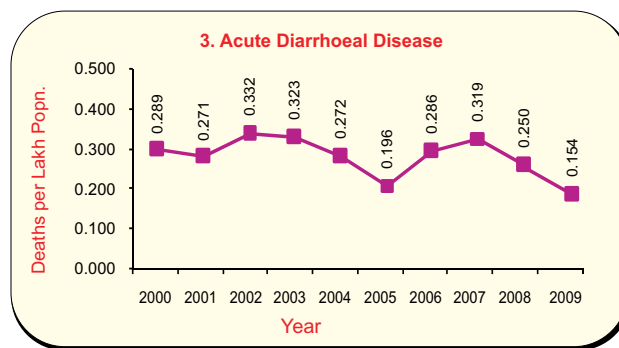
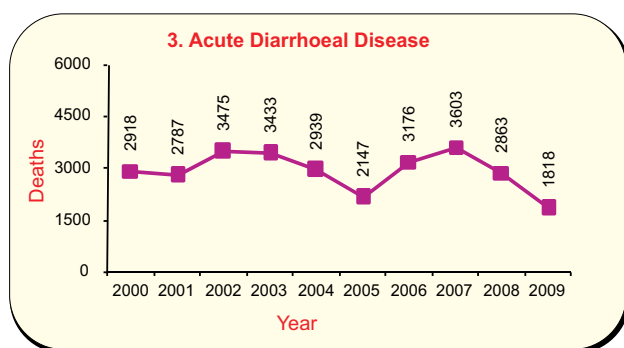


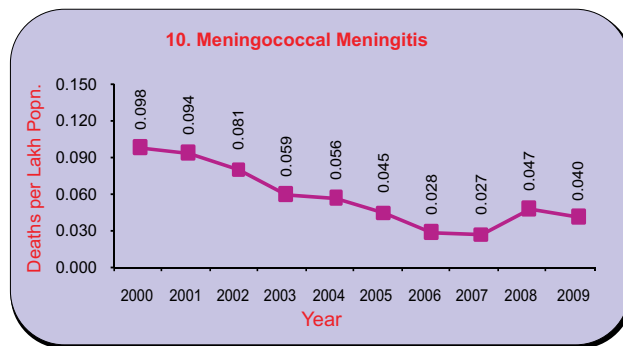
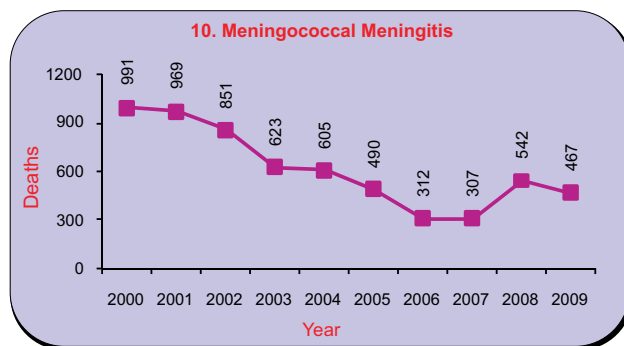
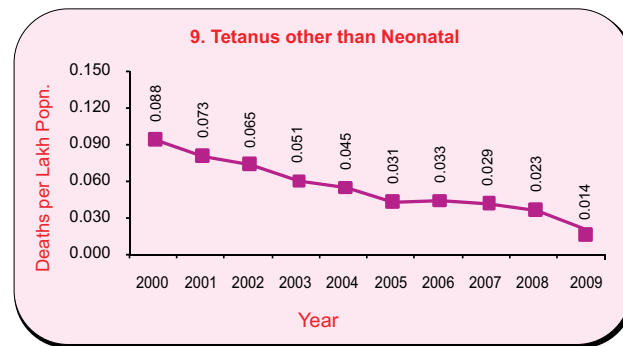
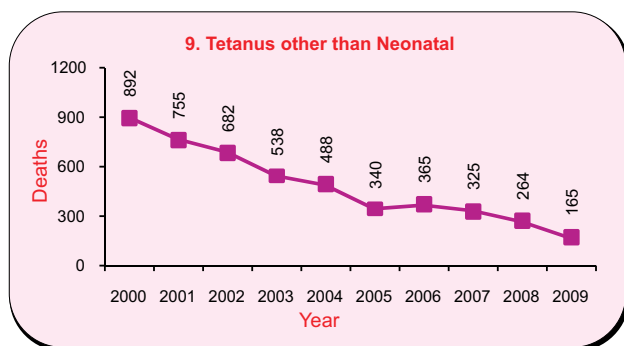
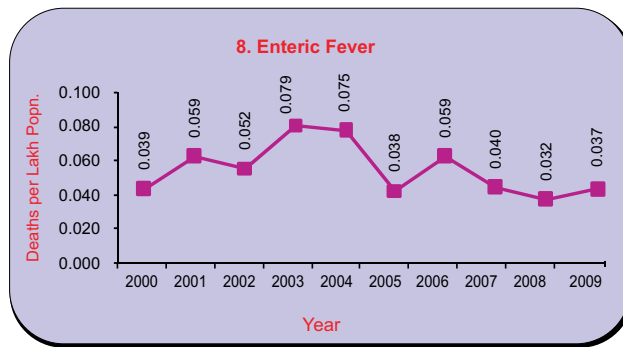
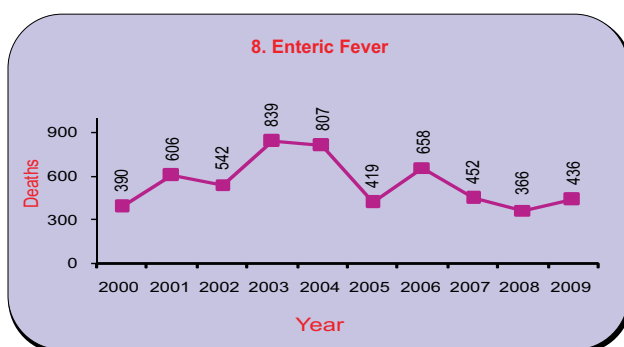
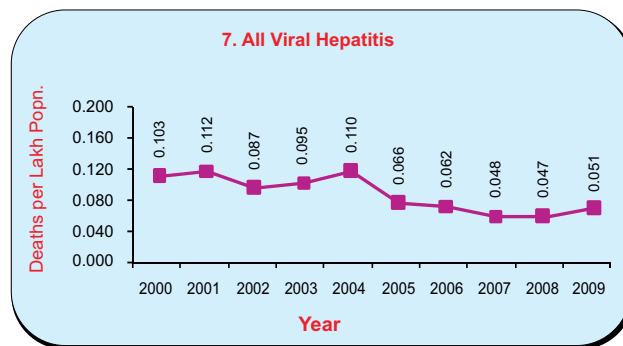
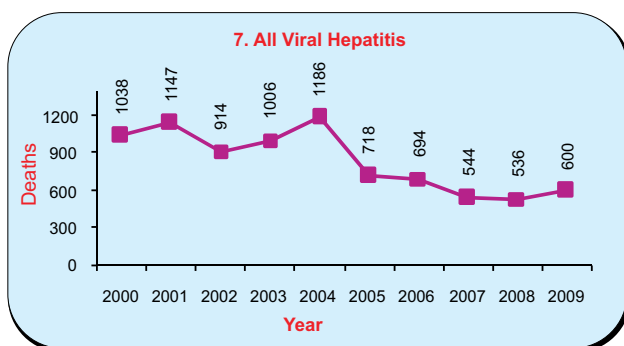
- 3.2 Among the various communicable diseases reported by the States/UTs during the year 2010, while taking a cut off one hundred deaths, the following communicable diseases accounted for the maximum number of deaths reported.

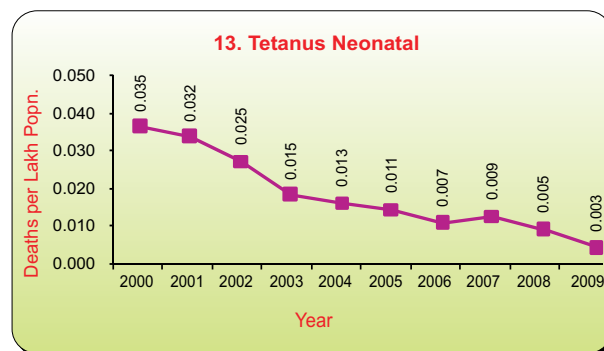
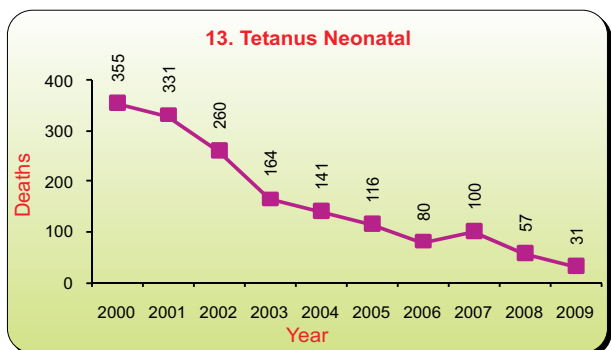
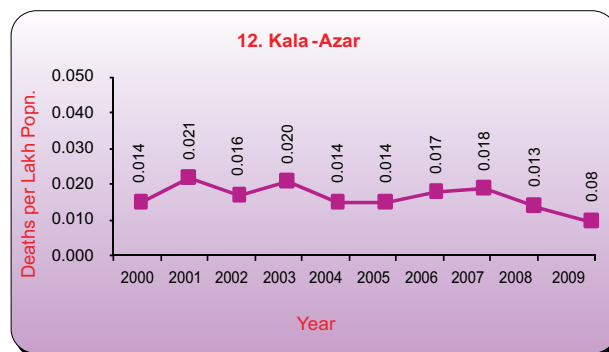
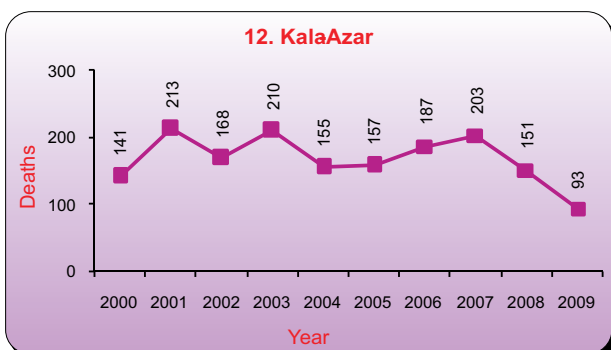
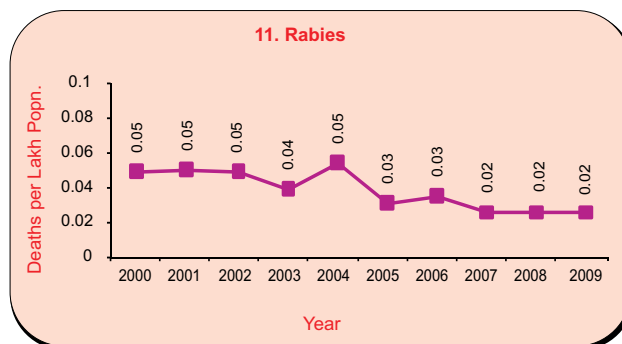
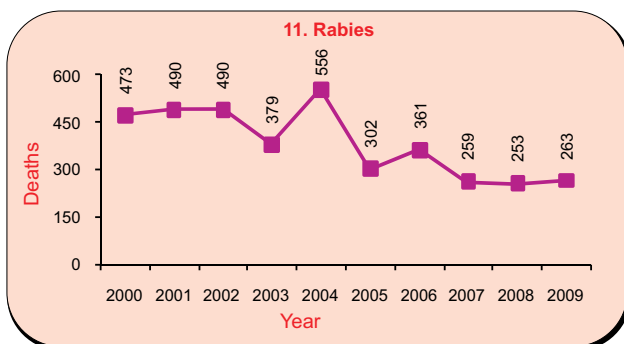


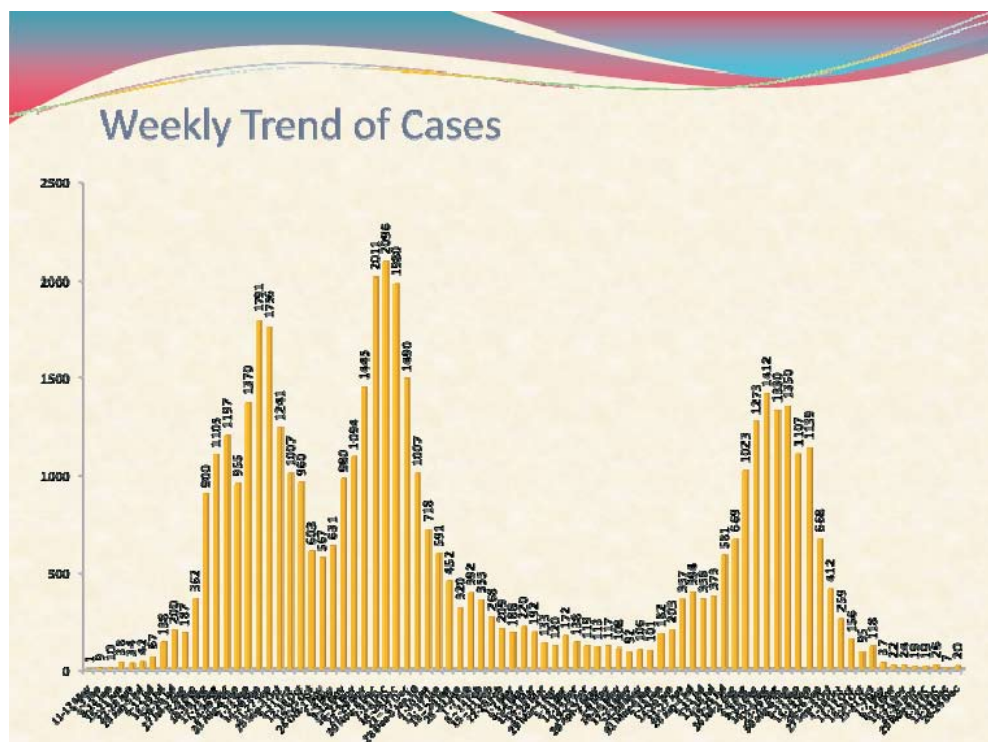
- 3.2.1 The Mortality trend (2000-2009) based on the information received in the past [& revised in succeeding years (s)] from States/UTs, in respect of these thirteen communicable diseases reporting around 100 or more deaths are and corresponding Deaths per Lakh of Projected Population (as per Registrar General of India Estimates) shown here under. Since figures for 2010 are still provisional / incomplete, have not been included in the Following trend analysis::



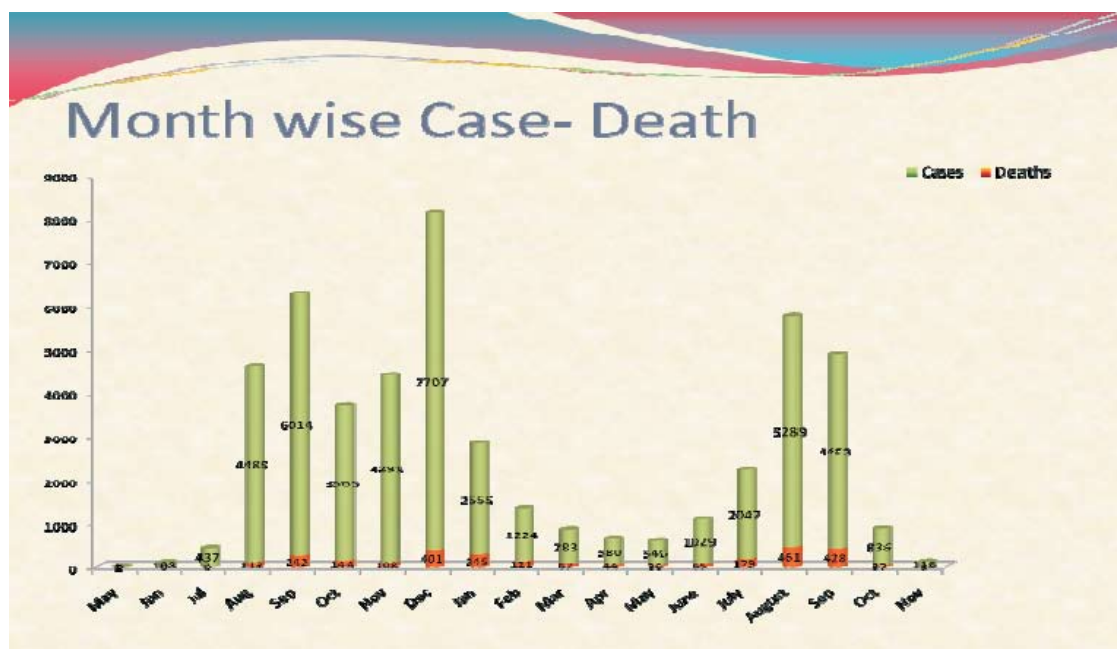








**Cumulative Confirmed Cases & Deaths of Pandemic H1N1 2010 by Month**



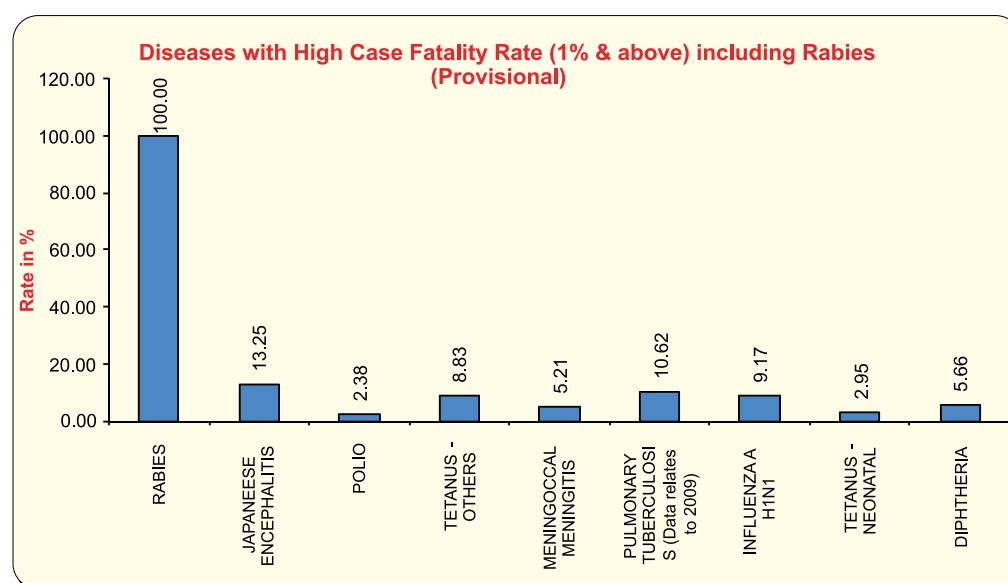
During the Calendar Year 2010 (Jan - December), Out of 19046 lab confirmed cases of Pandemic Influenza A H1N1, 1747 deaths were reported in India.

Source: Emergency Medical Relief Division, Directorate General of Health Services, MOHFW/GOI.

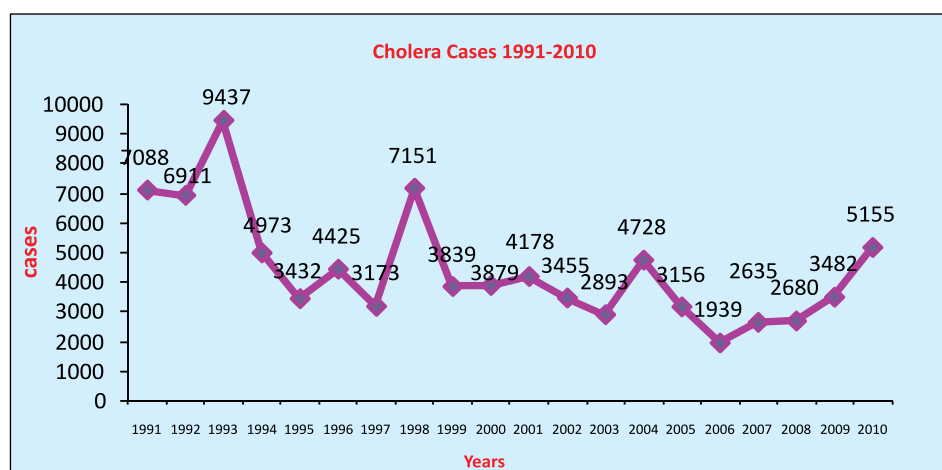
Website: [www.mohfw-h1n1.nic.in](http://www.mohfw-h1n1.nic.in)

### 3.3 Disease with High Case Fatality Rate (About 1% and above) during 2010, as reported by the State/UTs.

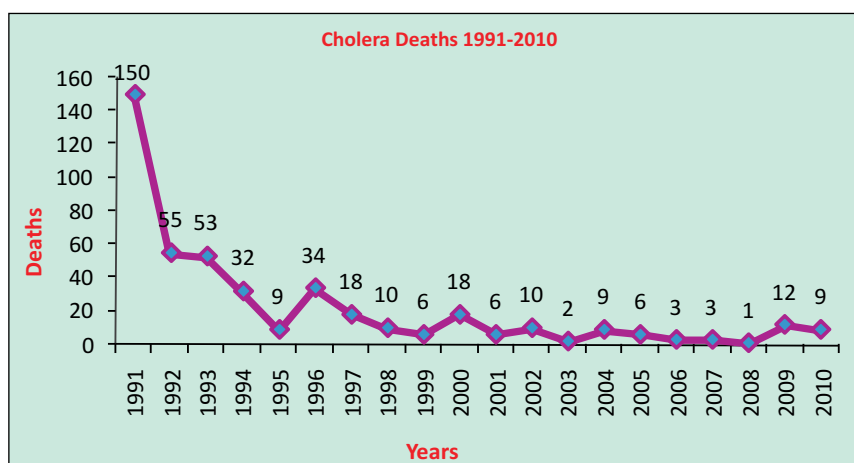
S. No.	Name of the Diseases	Cases	Deaths	Case Fatality Rate (%)
1	RABIES	162	162	100.00
2	JAPANESE ENCEPHALITIS	5171	685	13.25
3	POLIO	42	1	2.38
4	TETANUS - OTHERS	1574	139	8.83
5	MENINGOCOCCAL MENINGITIS	6547	341	5.21
6	PULMONARY TUBERCULOSIS (Data relates to 2009)	624617	66345	10.62
7	INFLUENZA A H1N1	19046	1747	9.17
8	TETANUS - NEONATAL	373	11	2.95
9	DIPHTHERIA	3129	177	5.66



### 3.4 Cholera data have been compiled on the basis on weekly reports from States/UTs. The annual Cases and deaths due to Cholera in 1991 were 7088 and 150, respectively which now have reduced to 5155 and 09, respectively during the year 2010.



\* Data for Year 2010 is based on Information sent by the States/UTs to CBHI, IDSP (Reconciled)



(P): Provisional

Source: Weekly Report from Directorate of Health Services of States/UTs.

3.5 According to National AIDS Control Organization, 604058 patients have ever started ART in the country till 31st December 2010.

3.6 Morbidity due to **non-communicable diseases** accounts for the second largest share of the disease burden in India after Communicable diseases.

- The number of cases of **coronary heart disease** was estimated to be nearly 3.6 crore for the year 2005, which is expected to reach a figure of nearly 6.1 crore cases in the year 2015. **This pattern is nearly same across all adult age groups.** More than half of this rise can be accredited to demographic change but the contribution of increased prevalence of risk factors is also substantial.
- The number of cases of **diabetes** was estimated to be nearly 3.1 crore for the year 2005, which is expected to reach a figure of nearly 4.6 crore cases in the year 2015. **This pattern is nearly same across all adult age groups.** More than half of this rise can be accredited to demographic change but the contribution of increased prevalence of risk factors is also substantial.
- Prevalence rate of **hypertension** in India (Urban + Rural) among adults (20 Year+) = 159.46 per thousand.
- According to estimates for 2007 based on **cancer** registries across the country, cervix and breast cancers accounted for more than 36% of cancer incidence in the country.
- Estimated prevalence of **blindness** in 2004 was 11.2 (10.2 among male and 12.2 among female) per thousand population and is expected to remain more or less the same during the next two decades
- Case-load in respect to major **mental disorders** has been calculated at the rate of 1% of the population and that of minor mental disorders at the rate of 5 % of population.
- There were 357021 deaths due to **accident** reported in the country in the year 2009.(Latest)

3.7 **Reproductive and Child Health, the key finding of the latest National Health Family Survey (NHFS-3), 2005-06, is already attached in this NHP:-**

1. 52% of Indian mothers received three or more ante natal checkups.
2. 40.7% of deliveries were conducted in medical institution while another 48.2% deliveries were assisted by medical professional.
3. 43.5% of children in India received all vaccinations.

### 3.1 Morbidity and Associated Mortality

#### 3.1.1 Communicable Diseases

##### 3.1.1.1 State/UT wise Cases and Deaths due to Malaria 2006-2010 ICD - 10 Code B50 - B54

S. No.	State/UT	2006		2007		2008		2009*		2010*	
		Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths	Cases	Deaths
	1	2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	34081	0	27803	2	26424	0	25152	3	31095	20
2	Arunachal Pradesh	39182	196	32072	36	29146	27	22066	15	15337	0
3	Assam	126178	304	94853	152	83939	86	91413	63	57969	34
4	Bihar	2744	1	1595	1	2541	0	3255	21	1149	3
5	Chhattisgarh	190590	3	147525	0	123495	4	129397	11	118500	32
6	Goa	5010	7	9755	11	9822	21	5056	10	2186	1
7	Gujarat	89835	45	71121	73	51161	43	45902	34	58996	9
8	Haryana	47142	0	30895	0	35683	0	30168	0	9610	0
9	Himachal Pradesh	114	0	104	0	146	0	192	0	197	0
10	Jammu & Kashmir	164	0	240	1	217	1	346	0	718	0
11	Jharkhand	193888	4	184878	31	214299	25	230683	28	173891	13
12	Karnataka	62842	32	49355	18	47344	8	36859	0	41861	11
13	Kerala	2131	6	1927	6	1804	4	2046	5	2162	4
14	Madhya Pradesh	96160	56	90829	41	105312	53	87628	26	80094	0
15	Maharashtra	54420	133	67850	182	67333	148	93818	227	124860	162
16	Manipur	2709	8	1194	4	708	2	1069	1	890	4
17	Meghalaya	29924	167	36337	237	39616	73	76759	192	40180	82
18	Mizoram	10668	120	6081	75	7361	91	9399	119	15061	22
19	Nagaland	3361	75	4976	26	5078	19	8489	35	4736	5
20	Orissa	380216	257	371879	221	375430	239	380904	198	328767	203
21	Punjab	1888	0	2017	0	2494	0	2955	0	3369	0
22	Rajasthan	99529	58	55043	46	57482	54	32709	18	47054	26
23	Sikkim	93	0	48	0	38	0	42	1	47	0
24	Tamil Nadu	28219	0	22389	1	21046	2	14988	1	14102	1
25	Tripura	23375	31	18474	51	25894	51	24430	62	22926	8
26	Uttarakhand	1108	0	953	0	1059	0	1264	0	1599	0
27	Uttar Pradesh	91566	0	82538	0	93383	0	55437	0	59114	0
28	West Bengal	159646	203	87754	96	89443	104	141211	74	108180	38
29	A. & N. Islands	2993	1	3973	0	4688	0	5760	0	2377	0
30	Chandigarh	449	0	340	0	347	0	430	0	347	0
31	D & N Haveli	3786	0	3780	0	3037	0	3408	0	5339	0
32	Daman & Diu	140	0	99	0	115	0	97	0	194	0
33	Delhi	928	0	182	0	253	0	169	0	250	0
34	Lakshadweep	0	0	0	0	0	0	8	0	6	0
35	Puducherry	50	0	68	0	72	0	65	0	154	0
	<b>India</b>	<b>1785129</b>	<b>1707</b>	<b>1508927</b>	<b>1311</b>	<b>1526210</b>	<b>1055</b>	<b>1563574</b>	<b>1144</b>	<b>1373317</b>	<b>678</b>

Notes:

\* up to Nov. 2010

Source: Directorate of National Vector Borne Disease Control Programme, Dte.GHS / MOHFW, GOI.

### 3.1.1.2 State/UT wise Status of Chikungunya Fever in India, 2009-2010 (Provisional)

#### ICD - 10 Code A92

S. No.	State/UT	2009			2010*		
		Total fever cases/ suspected cases	No. of samples sent to NIV/NICD	No. of confirmed cases	Total fever cases/ suspected cases	No. of samples sent to NIV/ NICD	No. of confirmed cases
1		3	4	5	7	8	9
1	Andhra Pradesh	591	297	117	107	107	41
2	Goa	1839	1525	685	1429	1429	629
3	Gujarat	1740	453	169	1709	805	348
4	Haryana	2	2	0	26	26	1
5	Karnataka	41230	7714	3164	8665	3575	1408
6	Kerala	13349	2761	711	1531	464	209
7	Madhya Pradesh	30	30	5	113	113	48
8	Meghalaya	0	0	0	16	16	8
9	Maharashtra	1594	766	443	6125	1618	768
10	Orissa	2306	41	2	544	161	16
11	Rajasthan	256	256	106	792	792	344
12	Tamil Nadu	5063	2873	1053	4314	3493	747
13	Uttar Pradesh	0	0	0	5	5	5
14	West Bengal	5270	816	338	543	543	195
15	A&N Islands	0	0	0	59	0	0
16	Delhi	18	18	18	120	120	120
17	Lakshadweep	0	0	0	0	0	0
18	Puducherry	0	0	0	11	11	3
<b>Total</b>		<b>73288</b>	<b>17552</b>	<b>6811</b>	<b>26109</b>	<b>13278</b>	<b>4890</b>

### 3.1.1.3 State/UT wise Cases and Deaths Due to Kala-Azar 2007-2009 (Provisional)

#### ICD - 10 Code B55

S. No.	State/ UT	2008		2009		2010*	
		Cases	Deaths	Cases	Deaths	Cases	Deaths
1		2	3	4	5	6	7
1	Assam	98	0	26	0	12	0
2	Bihar	28489	142	20519	80	19889	73
3	Gujarat^	0	0	0	0	0	0
4	Jharkhand**	3690	5	2875	12	3904	4
5	Sikkim	4	1	5	0	3	0
6	Madhya pradesh	1	0	0	0	0	0
7	Uttar Pradesh	26	0	17	1	12	0
8	West Bengal	1256	3	756	0	1254	4
9	Uttarakhand	0	0	2	0	1	0
10	Delhi ^	34	0	12	0	33	0
11	Himachal Pradesh	0	0	0	0	5	1
<b>India</b>		<b>33598</b>	<b>151</b>	<b>24212</b>	<b>93</b>	<b>25113</b>	<b>82</b>

Notes:

\* Provisional upto November 2009.

\*\* All cases are imported.

Source: Directorate of National Vector Borne Disease Control Programme, Dte.GHS / MOHFW, GOI.

### 3.1.1.4 State/UT wise Cases and Deaths Due to Japanese Encephalitis 2006-2010(Provisional)

#### ICD - 10 Code A83

S. No.	State/UT	2006		2007		2008		2009		2010*	
		Cases	Death	Cases	Death	Cases	Death	Cases	Death	Cases	Death
1		2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	11	0	22	0	6	0	14	0	139	7
2	Assam	392	119	424	133	319	99	462	92	562	125
3	Bihar	21	3	336	164	203	45	325	95	50	7
4	Chandigarh	0	0	0	0	0	0	0	0	0	0
5	Delhi	0	0	0	0	0	0	0	0	0	0
6	Goa	0	0	70	0	39	0	66	3	80	0
7	Haryana	12	6	85	48	13	3	12	10	1	1
8	Karnataka	80	3	15	1	3	0	246	8	143	1
9	Kerala	3	3	2	0	2	0	3	0	19	5
10	Maharashtra	14	0	2	0	24	0	1	0	34	17
11	Manipur	0	0	65	0	4	0	6	0	118	15
12	Tamilnadu	18	1	42	1	144	0	265	8	466	7
13	Uttarakhand	0	0	0	0	12	0	0	0	7	0
14	Uttar Pradesh**	2320	528	3024	645	3012	537	3073	556	3540	494
15	West Bengal	0	0	16	2	58	0	0	0	1	0
16	Nagaland	0	0	7	1	0	0	9	2	11	6
	<b>Total</b>	<b>2871</b>	<b>663</b>	<b>4110</b>	<b>995</b>	<b>3839</b>	<b>684</b>	<b>4482</b>	<b>774</b>	<b>5171</b>	<b>685</b>

### 3.1.1.5 State/UT wise Cases and Deaths Due to Dengue in India 2006-2010 (Provisional)

#### ICD - 10 Code A90 - A91

S. No.	State/UT	2006		2007		2008		2009*		2009*	
		Cases	Death	Cases	Death	Cases	Death	Cases	Death	Cases	Death
1		2	3	4	5	6	7	8	9	10	11
1	Andhra Pradesh	197	17	587	2	313	2	1190	11	728	3
2	Assam	0	0	0	0	0	0	0	0	158	2
3	Bihar	4	0	0	0	1	0	1	0	287	0
4	Chhattisgarh	0	0	0	0	0	0	26	7	4	0
5	Goa	1	0	36	0	43	0	277	5	241	0
6	Gujarat	545	5	570	2	1065	2	2461	2	2568	1
7	Haryana	838	4	365	11	1137	9	125	1	1082	20
8	J&K	24	1	0	0	0	0	2	0	0	0
9	Jharkhand	0	0	0	0	0	0	0	0	11	0
10	Karnataka	109	7	230	0	339	3	1764	8	2251	6
11	Kerala	981	4	603	11	733	3	1425	6	2596	17
12	Madhya Pradesh	16	0	51	2	3	0	1467	5	174	1
13	Meghalaya	0	0	0	0	0	0	0	0	1	0
14	Maharashtra	736	25	614	21	743	22	2255	20	1117	5
15	Manipur	0	0	51	1	0	0	0	0	5	0
16	Nagaland	0	0	0	0	0	0	25	0	0	0
17	Orissa	1	0	4	0	0	0	0	0	29	5
18	Punjab	1166	6	28	0	4349	21	245	1	4187	15
19	Rajasthan	1805	26	540	10	682	4	1389	18	1582	9
20	Sikkim	0	0	0	0	0	0	0	0	0	0
21	Tamil Nadu	477	2	707	2	530	3	1072	7	1890	8
22	Uttar Pradesh	639	14	132	2	51	2	168	2	960	8
23	Uttarakhand	0	0	0	0	20	0	0	0	21	0
24	West Bengal	1230	8	95	4	1038	7	399	0	788	1
25	A&N Island	0	0	0	0	0	0	0	0	25	0
26	Chandigarh	182	0	99	0	167	0	25	0	220	0
27	Delhi	3366	65	548	1	1312	2	1153	3	6259	8
28	D&N Haveli	0	0	0	0	0	0	0	0	25	0
29	Puducherry	0	0	274	0	35	0	66	0	38	0
	<b>Total</b>	<b>12317</b>	<b>184</b>	<b>5534</b>	<b>69</b>	<b>12561</b>	<b>80</b>	<b>15535</b>	<b>96</b>	<b>27247</b>	<b>109</b>

Note:

\* Provisional

Source: Directorate of National Vector Borne Disease Control Programme, Dte.GHS / MOHFW, GOI.

### 3.1.1.6 State/UT wise Cases and Deaths due to Cholera in India 2010(Provisional) ICD- 10 Code A00

Sl. No.	State/UT.	Male		Female		Total		Reference Period upto
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	39	0	139	0	178	0	Dec.,10
2	Arunachal Pr.	0	0	0	0	0	0	Dec.,10
3	Assam	0	0	0	0	0	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	10	0	2	0	12	0	Dec.,10
6	Goa	0	0	0	0	0	0	Dec.,10
7	Gujarat	56	0	73	1	129	1	Dec.,10
8	Haryana	17	0	88	0	105	0	Dec.,10
9	Himachal Pr.	0	0	0	0	0	0	Dec.,10
10	Jammu Div.	0	0	0	0	0	0	Dec.,10
	Kashmir Div.	1901	2	1075	1	2976	3	Dec.,10
11	Jharkhand	..	..	..	..	..	..	NR
12	Karnataka	143	2	158	1	301	3	Nov.,10
13	Kerala	1	0	1	0	2	0	Dec.,10
14	Madhya Pradesh	1	0	2	0	3	0	Dec.,10
15	Maharashtra	327	1	291	0	618	1	Dec.,10 except Jan.,Mar.,June,Oct.&Dec.
16	Manipur	0	0	0	0	0	0	Nov.,10
17	Meghalaya	..	..	..	..	..	..	NR
18	Mizoram	0	0	0	0	0	0	Dec.,10
19	Nagaland	0	0	0	0	0	0	Dec.,10
20	Orissa	1	0	1	0	2	0	Dec.,10
21	Punjab	35	0	8	1	43	1	Dec.,10
22	Rajasthan	21	0	16	0	37	0	Dec.,10
23	Sikkim	0	0	0	0	0	0	Nov.,10
24	Tamil Nadu	56	0	62	0	118	0	Dec.,10
25	Tripura	0	0	0	0	0	0	July,10
26	Uttarakhand	..	..	..	..	..	..	NR
27	Uttar Pradesh	3	0	3	0	6	0	Oct.,10
28	West Bengal	321	0	226	0	547	0	Dec.,10
29	A & N Islands	0	0	0	0	0	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	1	0	0	0	1	0	Dec.,10
32	Daman & Diu	0	0	0	0	0	0	Dec.,10
33	Delhi	77	0	0	0	77	0	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	0	0	0	0	0	0	Dec.,10
<b>Total</b>		<b>3010</b>	<b>5</b>	<b>2145</b>	<b>4</b>	<b>5155</b>	<b>9</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not received

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.7 State/UT wise Cases and Deaths Due to Acute Diarrhoeal Diseases in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

S. No.	State/UT	Male		Female		Total		Reference Period upto
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	1158892	59	1164071	52	2322963	111	Dec., 09
2	Arunachal Pr.	13814	6	13095	1	26909	7	Dec., 09
3	Assam	110555	0	79515	0	190070	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	66512	8	58557	3	125069	11	Dec., 09
6	Goa	10313	0	9790	0	20103	0	Dec., 09
7	Gujarat	176027	0	161581	3	337608	3	Dec., 09
8	Haryana	122561	24	117456	9	240017	33	Dec., 09
9	Himachal Pr.	162168	11	172531	13	334699	24	Dec., 09
10	Jammu Div.	175922	3	153820	2	329742	5	Dec., 09
	Kashmir Div.	101360	0	87576	0	188936	0	Dec., 09
11	Jharkhand	33763	3	31054	2	64817	5	Dec., 09
12	Karnataka	400583	46	386596	35	787179	81	Dec., 09
13	Kerala	175122	1	196592	3	371714	4	Dec., 09
14	Madhya Pradesh	294358	72	271210	62	565568	134	Dec., 09
15	Maharashtra	317633	15	322423	24	640056	39	Dec., 09
16	Manipur	10097	4	10517	5	20614	9	Dec., 09
17	Meghalaya	82032	15	92737	9	174769	24	Dec., 09
18	Mizoram	11472	7	10369	10	21841	17	Dec., 09
19	Nagaland	18437	0	15533	0	33970	0	Dec., 09
20	Orissa	371116	57	292535	34	663651	91	Dec., 09
21	Punjab	96533	32	93940	19	190473	51	Dec., 09
22	Rajasthan	139440	13	105396	14	244836	27	Dec., 09
23	Sikkim	23474	3	23155	3	46629	6	Dec., 09
24	Tamil Nadu	253850	14	264046	4	517896	18	Dec., 09
25	Tripura	76901	24	70499	9	147400	33	Dec., 09
26	Uttarakhand	59040	41	52200	29	111240	70	Dec., 09
27	Uttar Pradesh	252752	102	201111	57	453863	159	Dec., 09
28	West Bengal	1231941	370	1211343	355	2443284	725	Dec., 09
29	A & N Islands	15706	0	14710	0	30416	0	Dec., 09
30	Chandigarh	4964	2	5504	5	10468	7	Dec., 09 except Jan. to June
31	D & N Haveli	46294	0	48243	0	94537	0	Dec., 09
32	Daman & Diu	3910	0	2939	0	6849	0	Dec., 09
33	Delhi	89048	57	56123	50	145171	107	Dec., 09
34	Lakshadweep	2391	1	2199	0	4590	1	Dec., 09
35	Puducherry	39517	13	37026	3	76543	16	Dec., 09
<b>Total</b>		<b>6148498</b>	<b>1003</b>	<b>5835992</b>	<b>815</b>	<b>11984490</b>	<b>1818</b>	

Notes:

../NR Not Reported/Not received

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.7 State/UT wise Cases and Deaths Due to Acute Diarrhoeal Diseases in India 2010 (Provisional)

ICD - 10 Code A09

Sl. No.	State/UT.	Male		Female		Total		Reference Period upto
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	1178417	133	1112958	81	2291375	214	Dec.,10
2	Arunachal Pr.	10027	2	9077	1	19104	3	Dec.,10
3	Assam	41570	0	34111	0	75681	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	27004	1	24476	1	51480	2	Dec.,10
6	Goa	9001	4	7416	1	16417	5	Dec.,10
7	Gujarat	121277	1	112363	1	233640	2	Dec.,10
8	Haryana	103583	23	103560	18	207143	41	Dec.,10
9	Himachal Pr.	139070	17	145478	11	284548	28	Dec.,10
10	Jammu Div.	169713	1	154542	3	324255	4	Dec.,10
	Kashmir Div.	90041	0	79842	1	169883	1	Dec.,10
11	Jharkhand	29907	0	26391	0	56298	0	Nov.,10
12	Karnataka	275684	37	264077	23	539761	60	Nov.,10
13	Kerala	174075	2	197212	0	371287	2	Dec.,10
14	Madhya Pradesh	159588	58	145850	49	305438	107	Dec.,10
15	Maharashtra	411980	9	401465	3	813445	12	Dec.,10
16	Manipur	6115	6	6012	5	12127	11	Nov.,10
17	Meghalaya	78874	8	91606	7	170480	15	Nov.,10
18	Mizoram	8120	7	8028	5	16148	12	Dec.,10
19	Nagaland	15787	0	15739	0	31526	0	Dec.,10
20	Orissa	318026	63	242229	31	560255	94	Dec.,10
21	Punjab	102559	20	102377	19	204936	39	Dec.,10
22	Rajasthan	100890	4	80447	5	181337	9	Dec.,10
23	Sikkim	22902	1	24418	1	47320	2	Nov.,10
24	Tamil Nadu	208846	29	219401	18	428247	47	Dec.,10
25	Tripura	39042	21	36922	12	75964	33	July,10
26	Uttarakhand	50845	28	49220	14	100065	42	Dec.,10
27	Uttar Pradesh	211888	80	173524	52	385412	132	Oct.,10
28	West Bengal	923306	217	909299	151	1832605	368	Dec.,10
29	A & N Islands	12501	6	11854	2	24355	8	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	32177	0	37088	1	69265	1	Dec.,10
32	Daman & Diu	4641	0	3528	0	8169	0	Dec.,10
33	Delhi	78436	56	37042	33	115478	89	Dec.,10
34	Lakshadweep	3711	0	3031	0	6742	0	Dec.,10
35	Puducherry	42200	4	40459	1	82659	5	Dec.,10
<b>Total</b>		<b>5201803</b>	<b>838</b>	<b>4911042</b>	<b>550</b>	<b>10112845</b>	<b>1388</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

.. / NR Not Reported / Not received

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.8 State/UT wise Cases and Deaths Due to Enteric Fever (Typhoid) in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

ICD - 10 Code A01

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	70275	5	66310	3	136585	8	Dec., 09
2	Arunachal Pr.	2082	13	1657	10	3739	23	Dec., 09
3	Assam	3269	0	1153	0	4422	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	30078	2	23213	3	53291	5	Dec., 09
6	Goa	322	0	301	0	623	0	Dec., 09
7	Gujarat	3542	0	3614	1	7156	1	Dec., 09
8	Haryana	11408	11	9775	20	21183	31	Dec., 09
9	Himachal Pr.	9703	2	10549	2	20252	4	Dec., 09
10	Jammu Div.	39536	0	34880	0	74416	0	Dec., 09
	Kashmir Div.	11756	0	7781	0	19537	0	Dec., 09
11	Jharkhand	20545	7	13627	3	34172	10	Dec., 09
12	Karnataka	27372	4	23062	7	50434	11	Dec., 09
13	Kerala	2305	1	2026	1	4331	2	Dec., 09
14	Madhya Pradesh	29529	18	28354	21	57883	39	Dec., 09
15	Maharashtra	41579	4	37583	8	79162	12	Dec., 09
16	Manipur	2416	2	2831	1	5247	3	Dec., 09
17	Meghalaya	4783	0	5283	0	10066	0	Dec., 09
18	Mizoram	599	3	564	1	1163	4	Dec., 09
19	Nagaland	8116	0	7453	0	15569	0	Dec., 09
20	Orissa	28317	24	22024	9	50341	33	Dec., 09
21	Punjab	12133	1	10311	0	22444	1	Dec., 09
22	Rajasthan	6283	0	5186	0	11469	0	Dec., 09
23	Sikkim	104	0	114	0	218	0	Dec., 09
24	Tamil Nadu	73600	1	70348	0	143948	1	Dec., 09
25	Tripura	1078	0	947	1	2025	1	Dec., 09
26	Uttarakhand	12556	34	10453	15	23009	49	Dec., 09
27	Uttar Pradesh	36253	49	28843	23	65096	72	Dec., 09
28	West Bengal	71504	49	61591	29	133095	78	Dec., 09
29	A & N Islands	1426	0	1182	0	2608	0	Dec., 09
30	Chandigarh	270	0	228	0	498	0	Dec., 09 except Jan. to June
31	D & N Haveli	1295	0	1358	0	2653	0	Dec., 09
32	Daman & Diu	420	0	500	0	920	0	Dec., 09
33	Delhi	23175	24	17471	23	40646	47	Dec., 09
34	Lakshadweep	0	0	4	0	4	0	Dec., 09
35	Puducherry	651	1	475	0	1126	1	Dec., 09
	<b>Total</b>	<b>588280</b>	<b>255</b>	<b>511051</b>	<b>181</b>	<b>1099331</b>	<b>436</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.8 State/UT wise Cases and Deaths Due to Enteric Fever (Typhoid) in India 2010 (Provisional)

ICD - 10 Code A01

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	88600	4	82163	1	170763	5	Dec.,10
2	Arunachal Pr.	2009	5	3706	5	5715	10	Dec.,10
3	Assam	2463	0	1677	0	4140	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	21604	0	16928	0	38532	0	Dec.,10
6	Goa	234	0	197	0	431	0	Dec.,10
7	Gujarat	2210	0	2569	0	4779	0	Dec.,10
8	Haryana	10750	1	10328	1	21078	2	Dec.,10
9	Himachal Pr.	11961	1	12456	2	24417	3	Dec.,10
10	Jammu Div.	37652	1	32061	0	69713	1	Dec.,10
	Kashmir Div.	11759	0	9375	0	21134	0	Dec.,10
11	Jharkhand	18435	0	15787	0	34222	0	Nov.,10
12	Karnataka	17120	4	14336	2	31456	6	Nov.,10
13	Kerala	2366	0	2223	1	4589	1	Dec.,10
14	Madhya Pradesh	18545	19	15247	6	33792	25	Dec.,10
15	Maharashtra	50039	0	44324	0	94363	0	Dec.,10
16	Manipur	1748	0	1744	0	3492	0	Nov.,10
17	Meghalaya	3642	0	4311	1	7953	1	Nov.,10
18	Mizoram	533	0	582	0	1115	0	Dec.,10
19	Nagaland	8598	0	7939	0	16537	0	Dec.,10
20	Orissa	24459	17	16776	10	41235	27	Dec.,10
21	Punjab	14110	4	14138	2	28248	6	Dec.,10
22	Rajasthan	4125	0	3249	0	7374	0	Dec.,10
23	Sikkim	264	0	237	0	501	0	Nov.,10
24	Tamil Nadu	56093	28	49854	23	105947	51	Dec.,10
25	Tripura	605	2	487	1	1092	3	July,10
26	Uttarakhand	8711	0	7778	2	16489	2	Dec.,10
27	Uttar Pradesh	33157	70	25411	39	58568	109	Oct.,10
28	West Bengal	73598	39	64846	28	138444	67	Dec.,10
29	A & N Islands	628	0	466	0	1094	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	1093	0	1128	0	2221	0	Dec.,10
32	Daman & Diu	989	0	663	0	1652	0	Dec.,10
33	Delhi	19567	34	12975	26	32542	60	Dec.,10
34	Lakshadweep	9	0	4	0	13	0	Dec.,10
35	Puducherry	5733	0	5268	0	11001	0	Dec.,10
	<b>Total</b>	<b>553409</b>	<b>229</b>	<b>481233</b>	<b>150</b>	<b>1034642</b>	<b>379</b>	

#### Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.9 State/UT wise Cases and Deaths Due to Acute Respiratory Infection in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

ICD - 10 Code J00 - J06, J10, J11 & J20 - J 22

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	1459621	327	1459146	208	2918767	535	Dec., 09
2	Arunachal Pr.	24326	8	21330	5	45656	13	Dec., 09
3	Assam	364462	2	190716	1	555178	3	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	139315	18	127240	12	266555	30	Dec., 09
6	Goa	38604	2	41703	1	80307	3	Dec., 09
7	Gujarat	262448	0	258636	2	521084	2	Dec., 09
8	Haryana	599693	51	591342	25	1191035	76	Dec., 09
9	Himachal Pr.	719021	103	761287	62	1480308	165	Dec., 09
10	Jammu Div.	72411	0	64414	0	136825	0	Dec., 09
	Kashmir Div.	116676	0	98879	0	215555	0	Dec., 09
11	Jharkhand	48425	1	40726	3	89151	4	Dec., 09
12	Karnataka	1094847	142	1066085	55	2160932	197	Dec., 09
13	Kerala	3030869	127	3630589	53	6661458	180	Dec., 09
14	Madhya Pradesh	452738	146	413039	117	865777	263	Dec., 09
15	Maharashtra	540624	32	527068	143	1067692	175	Dec., 09
16	Manipur	10775	1	10163	5	20938	6	Dec., 09
17	Meghalaya	138263	2	173839	3	312102	5	Dec., 09
18	Mizoram	20221	6	20857	10	41078	16	Dec., 09
19	Nagaland	27723	0	28204	0	55927	0	Dec., 09
20	Orissa	585017	64	448238	45	1033255	109	Dec., 09
21	Punjab	268576	19	266775	10	535351	29	Dec., 09
22	Rajasthan	455369	49	376010	23	831379	72	Dec., 09
23	Sikkim	40955	3	43853	10	84808	13	Dec., 09
24	Tamil Nadu	1402546	4	1509143	5	2911689	9	Dec., 09
25	Tripura	127174	27	120174	31	247348	58	Dec., 09
26	Uttarakhand	88520	55	81840	23	170360	78	Dec., 09
27	Uttar Pradesh	510675	118	408465	62	919140	180	Dec., 09
28	West Bengal	923641	467	882708	242	1806349	709	Dec., 09
29	A & N Islands	25399	1	24382	3	49781	4	Dec., 09
30	Chandigarh	6357	15	5483	7	11840	22	Dec., 09 except Jan. to June
31	D & N Haveli	69482	0	74747	0	144229	0	Dec., 09
32	Daman & Diu	18203	0	12104	0	30307	0	Dec., 09
33	Delhi	120494	60	80137	16	200631	76	Dec., 09
34	Lakshadweep	17260	2	16784	0	34044	2	Dec., 09
35	Puducherry	270726	8	272784	1	543510	9	Dec., 09
	<b>Total</b>	<b>14091456</b>	<b>1860</b>	<b>14148890</b>	<b>1183</b>	<b>28240346</b>	<b>3043</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.9 State/UT wise Cases and Deaths Due to Acute Respiratory Infection in India 2010 (Provisional)

ICD - 10 Code J00 - J06, J10, J11 & J20 - J 22.

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	1563568	156	1554000	119	3117568	275	Dec.,10
2	Arunachal Pr.	18132	2	17672	2	35804	4	Dec.,10
3	Assam	29356	0	27191	0	56547	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	57386	5	50441	2	107827	7	Dec.,10
6	Goa	35891	4	35453	4	71344	8	Dec.,10
7	Gujarat	198671	0	183828	0	382499	0	Dec.,10
8	Haryana	482122	51	501220	14	983342	65	Dec.,10
9	Himachal Pr.	669049	120	695117	68	1364166	188	Dec.,10
10	Jammu Div.	88554	1	73736	0	162290	1	Dec.,10
	Kashmir Div.	169794	0	145589	0	315383	0	Dec.,10
11	Jharkhand	48523	0	44324	0	92847	0	Nov.,10
12	Karnataka	741267	132	731885	52	1473152	184	Nov.,10
13	Kerala	2777595	87	3235495	33	6013090	120	Dec.,10
14	Madhya Pradesh	304363	128	273814	110	578177	238	Dec.,10
15	Maharashtra	418425	86	378192	2	796617	88	Dec.,10
16	Manipur	8164	5	9019	8	17183	13	Nov.,10
17	Meghalaya	132392	0	163817	0	296209	0	Nov.,10
18	Mizoram	12805	8	12860	10	25665	18	Dec.,10
19	Nagaland	28027	0	29575	0	57602	0	Dec.,10
20	Orissa	610611	99	458647	61	1069258	160	Dec.,10
21	Punjab	319022	10	323840	5	642862	15	Dec.,10
22	Rajasthan	378386	18	307727	14	686113	32	Dec.,10
23	Sikkim	44250	2	48637	5	92887	7	Nov.,10
24	Tamil Nadu	1102586	103	1184816	131	2287402	234	Dec.,10
25	Tripura	55792	80	49490	49	105282	129	July,10
26	Uttarakhand	70449	52	62549	40	132998	92	Dec.,10
27	Uttar Pradesh	449974	85	367493	56	817467	141	Oct.,10
28	West Bengal	925803	267	902951	144	1828754	411	Dec.,10
29	A & N Islands	29433	0	23754	0	53187	0	Oct.,10 except Jan.
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	51671	0	60800	0	112471	0	Dec.,10
32	Daman & Diu	28909	0	19930	0	48839	0	Dec.,10
33	Delhi	164582	126	84881	56	249463	182	Dec.,10
34	Lakshadweep	8978	0	8285	0	17263	0	Dec.,10
35	Puducherry	310766	0	317820	0	628586	0	Dec.,10
<b>Total</b>		<b>12335296</b>	<b>1627</b>	<b>12384848</b>	<b>985</b>	<b>24720144</b>	<b>2612</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.10 State/UT wise Cases and Deaths Due to Tetanus Neonatal in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

ICD - 10 Code A33

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	0	0	2	0	2	0	Dec., 09
2	Arunachal Pr.	0	0	0	0	0	0	Dec., 09
3	Assam	0	0	0	0	0	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	83	0	74	0	157	0	Dec., 09
6	Goa	0	0	0	0	0	0	Dec., 09
7	Gujarat	10	0	2	0	12	0	Dec., 09
8	Haryana	0	0	1	0	1	0	Dec., 09
9	Himachal Pr.	0	0	0	0	0	0	Dec., 09
10	Jammu Div.	0	0	0	0	0	0	Dec., 09
	Kashmir Div.	0	0	0	0	0	0	Dec., 09
11	Jharkhand	52	1	37	1	89	2	Dec., 09
12	Karnataka	10	0	9	0	19	0	Dec., 09
13	Kerala	0	0	0	0	0	0	Dec., 09
14	Madhya Pradesh	33	6	17	1	50	7	Dec., 09
15	Maharashtra	32	0	25	0	57	0	Dec., 09
16	Manipur	0	0	0	0	0	0	Dec., 09
17	Meghalaya	1	0	1	0	2	0	Dec., 09
18	Mizoram	0	0	0	0	0	0	Dec., 09
19	Nagaland	14	0	19	0	33	0	Dec., 09
20	Orissa	239	1	75	1	314	2	Dec., 09
21	Punjab	0	0	0	0	0	0	Dec., 09
22	Rajasthan	28	2	20	0	48	2	Dec., 09
23	Sikkim	0	0	0	0	0	0	Dec., 09
24	Tamil Nadu	0	0	0	0	0	0	Dec., 09
25	Tripura	2	1	0	0	2	1	Dec., 09
26	Uttarakhand	0	0	0	0	0	0	Dec., 09
27	Uttar Pradesh	32	5	19	1	51	6	Dec., 09
28	West Bengal	27	3	22	7	49	10	Dec., 09
29	A & N Islands	0	0	0	0	0	0	Dec., 09
30	Chandigarh	0	0	0	0	0	0	Dec., 09 except Jan. to June
31	D & N Haveli	0	0	0	0	0	0	Dec., 09
32	Daman & Diu	0	0	0	0	0	0	Dec., 09
33	Delhi	9	1	2	0	11	1	Dec., 09
34	Lakshadweep	0	0	0	0	0	0	Dec., 09
35	Puducherry	0	0	1	0	1	0	Dec., 09
<b>Total</b>		<b>572</b>	<b>20</b>	<b>326</b>	<b>11</b>	<b>898</b>	<b>31</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.10 State/UT wise Cases and Deaths Due to Tetanus Neonatal in India 2010 (Provisional)

ICD - 10 Code A33

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	2	0	0	0	2	0	Dec.,10 except Feb.
2	Arunachal Pr.	2	0	3	0	5	0	Dec.,10
3	Assam	0	0	0	0	0	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	10	0	6	0	16	0	Dec.,10
6	Goa	14	0	11	0	25	0	Dec.,10
7	Gujarat	1	0	1	0	2	0	Dec.,10
8	Haryana	1	0	0	0	1	0	Dec.,10
9	Himachal Pr.	0	0	0	0	0	0	Dec.,10
10	Jammu Div.	0	0	0	0	0	0	Dec.,10
	Kashmir Div.	0	0	0	0	0	0	Dec.,10
11	Jharkhand	2	0	1	0	3	0	Nov.,10
12	Karnataka	0	0	0	0	0	0	Nov.,10
13	Kerala	0	0	0	0	0	0	Dec.,10
14	Madhya Pradesh	23	1	15	0	38	1	Dec.,10
15	Maharashtra	42	0	33	0	75	0	Dec.,10
16	Manipur	40	0	40	0	80	0	Nov.,10
17	Meghalaya	3	0	0	0	3	0	Nov.,10
18	Mizoram	0	0	0	0	0	0	Dec.,10
19	Nagaland	0	0	0	0	0	0	Dec.,10
20	Orissa	7	0	2	1	9	1	Dec.,10
21	Punjab	0	0	0	0	0	0	Dec.,10
22	Rajasthan	2	0	0	0	2	0	Dec.,10
23	Sikkim	0	0	0	0	0	0	Nov.,10
24	Tamil Nadu	0	0	0	0	0	0	Dec.,10
25	Tripura	0	0	0	0	0	0	July,10
26	Uttarakhand	0	0	0	0	0	0	Dec.,10
27	Uttar Pradesh	13	6	13	0	26	6	Oct.,10
28	West Bengal	42	2	22	1	64	3	Dec.,10
29	A & N Islands	0	0	0	0	0	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	0	0	0	0	0	0	Dec.,10
32	Daman & Diu	2	0	0	0	2	0	Dec.,10
33	Delhi	12	0	7	0	19	0	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	1	0	0	0	1	0	Dec.,10
<b>Total</b>		<b>219</b>	<b>9</b>	<b>154</b>	<b>2</b>	<b>373</b>	<b>11</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.11 State/UT wise Cases and Deaths Due to Tetanus Other than Neonatal in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

ICD - 10 Code A35

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	135	19	56	12	191	31	Dec., 09
2	Arunachal Pr.	1	0	0	0	1	0	Dec., 09
3	Assam	0	0	0	0	0	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	7	0	6	1	13	1	Dec., 09
6	Goa	0	0	0	0	0	0	Dec., 09
7	Gujarat	0	0	0	0	0	0	Dec., 09
8	Haryana	2	0	0	1	2	1	Dec., 09
9	Himachal Pr.	1	0	2	1	3	1	Dec., 09
10	Jammu Div.	2	0	0	0	2	0	Dec., 09
	Kashmir Div.	0	0	0	0	0	0	Dec., 09
11	Jharkhand	1	0	0	0	1	0	Dec., 09
12	Karnataka	2	0	1	0	3	0	Dec., 09
13	Kerala	12	3	3	0	15	3	Dec., 09
14	Madhya Pradesh	98	3	63	3	161	6	Dec., 09
15	Maharashtra	188	1	204	0	392	1	Dec., 09
16	Manipur	0	0	0	0	0	0	Dec., 09
17	Meghalaya	7	0	3	0	10	0	Dec., 09
18	Mizoram	81	1	76	0	157	1	Dec., 09
19	Nagaland	3	0	1	0	4	0	Dec., 09
20	Orissa	301	3	125	1	426	4	Dec., 09
21	Punjab	7	1	1	0	8	1	Dec., 09
22	Rajasthan	52	7	30	4	82	11	Dec., 09
23	Sikkim	0	0	0	0	0	0	Dec., 09
24	Tamil Nadu	11	1	3	0	14	1	Dec., 09
25	Tripura	5	1	2	1	7	2	Dec., 09
26	Uttarakhand	1	0	1	1	2	1	Dec., 09
27	Uttar Pradesh	124	29	97	11	221	40	Dec., 09
28	West Bengal	159	32	142	25	301	57	Dec., 09
29	A & N Islands	0	0	0	0	0	0	Dec., 09
30	Chandigarh	0	0	0	0	0	0	Dec., 09 except Jan. to June
31	D & N Haveli	64	0	32	0	96	0	Dec., 09
32	Daman & Diu	0	0	0	0	0	0	Dec., 09
33	Delhi	8	1	3	1	11	2	Dec., 09
34	Lakshadweep	0	0	0	0	0	0	Dec., 09
35	Puducherry	2	0	1	1	3	1	Dec., 09
<b>Total</b>		<b>1274</b>	<b>102</b>	<b>852</b>	<b>63</b>	<b>2126</b>	<b>165</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.11 State/UT wise Cases and Deaths Due to Tetanus Other than Neonatal in India 2010 (Provisional)

ICD - 10 Code A35

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	23	8	13	2	36	10	Dec.,10
2	Arunachal Pr.	2	0	13	0	15	0	Dec.,10
3	Assam	0	0	0	0	0	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	0	0	0	0	0	0	Dec.,10
6	Goa	0	0	0	0	0	0	Dec.,10
7	Gujarat	1	0	4	2	5	2	Dec.,10
8	Haryana	69	0	30	0	99	0	Dec.,10
9	Himachal Pr.	1	1	0	0	1	1	Dec.,10
10	Jammu Div.	0	0	0	0	0	0	Dec.,10
	Kashmir Div.	0	0	0	0	0	0	Dec.,10
11	Jharkhand	20	0	18	0	38	0	Nov.,10
12	Karnataka	5	0	4	0	9	0	Nov.,10
13	Kerala	1	0	7	0	8	0	Dec.,10
14	Madhya Pradesh	44	5	31	7	75	12	Dec.,10
15	Maharashtra	185	1	106	0	291	1	Dec.,10
16	Manipur	48	0	97	0	145	0	Nov.,10
17	Meghalaya	0	0	0	0	0	0	Nov.,10
18	Mizoram	2	1	0	0	2	1	Dec.,10
19	Nagaland	4	0	2	0	6	0	Dec.,10
20	Orissa	48	8	23	2	71	10	Dec.,10
21	Punjab	2	0	0	0	2	0	Dec.,10
22	Rajasthan	25	1	16	2	41	3	Dec.,10
23	Sikkim	0	0	0	0	0	0	Nov.,10
24	Tamil Nadu	7	0	1	0	8	0	Dec.,10
25	Tripura	1	1	0	1	1	2	July,10
26	Uttarakhand	3	1	2	0	5	1	Dec.,10
27	Uttar Pradesh	116	26	86	16	202	42	Oct.,10
28	West Bengal	264	19	177	20	441	39	Dec.,10
29	A & N Islands	0	0	0	0	0	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	0	0	0	0	0	0	Dec.,10
32	Daman & Diu	2	0	0	0	2	0	Dec.,10
33	Delhi	54	12	17	3	71	15	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	0	0	0	0	0	0	Dec.,10
<b>Total</b>		<b>927</b>	<b>84</b>	<b>647</b>	<b>55</b>	<b>1574</b>	<b>139</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.12 State/UT wise Cases and Deaths Due to Diphtheria in India 2009

(Revised based on information received from state/UT after the release of NHP 2009)

ICD - 10 Code A36

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	132	0	232	6	364	6	Dec., 09
2	Arunachal Pr.	0	0	0	0	0	0	Dec., 09
3	Assam	0	0	0	0	0	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	110	0	113	0	223	0	Dec., 09
6	Goa	2	0	4	0	6	0	Dec., 09
7	Gujarat	50	4	45	0	95	4	Dec., 09
8	Haryana	18	0	16	0	34	0	Dec., 09
9	Himachal Pr.	0	0	0	0	0	0	Dec., 09
10	Jammu Div.	0	0	0	0	0	0	Dec., 09
	Kashmir Div.	24	0	12	0	36	0	Dec., 09
11	Jharkhand	53	0	46	0	99	0	Dec., 09
12	Karnataka	3	0	2	0	5	0	Dec., 09
13	Kerala	2	0	2	0	4	0	Dec., 09
14	Madhya Pradesh	0	0	0	0	0	0	Dec., 09
15	Maharashtra	227	3	95	0	322	3	Dec., 09
16	Manipur	0	0	0	0	0	0	Dec., 09
17	Meghalaya	0	0	0	0	0	0	Dec., 09
18	Mizoram	0	0	0	0	0	0	Dec., 09
19	Nagaland	299	0	298	0	597	0	Dec., 09
20	Orissa	348	0	288	0	636	0	Dec., 09
21	Punjab	0	0	0	0	0	0	Dec., 09
22	Rajasthan	191	0	159	0	350	0	Dec., 09
23	Sikkim	0	0	0	0	0	0	Dec., 09
24	Tamil Nadu	2	0	3	0	5	0	Dec., 09
25	Tripura	0	0	0	0	0	0	Dec., 09
26	Uttarakhand	0	0	0	0	0	0	Dec., 09
27	Uttar Pradesh	15	0	27	0	42	0	Dec., 09
28	West Bengal	127	9	222	10	349	19	Dec., 09
29	A & N Islands	7	0	6	0	13	0	Dec., 09
30	Chandigarh	0	0	0	0	0	0	Dec., 09 except Jan. to June
31	D & N Haveli	0	0	0	0	0	0	Dec., 09
32	Daman & Diu	0	0	0	0	0	0	Dec., 09
33	Delhi	224	58	125	32	349	90	Dec., 09
34	Lakshadweep	0	0	0	0	0	0	Dec., 09
35	Puducherry	0	0	0	0	0	0	Dec., 09
<b>Total</b>		<b>1834</b>	<b>74</b>	<b>1695</b>	<b>48</b>	<b>3529</b>	<b>122</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.12 State/UT wise Cases and Deaths Due to Diphtheria in India 2010(Provisional)

ICD - 10 Code A36

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	206	0	303	5	509	5	Dec.,10
2	Arunachal Pr.	20	0	12	0	32	0	Dec.,10
3	Assam	96	0	53	0	149	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	134	0	124	0	258	0	Dec.,10
6	Goa	1	0	1	0	2	0	Dec.,10
7	Gujarat	10	0	15	0	25	0	Dec.,10
8	Haryana	206	0	186	0	392	0	Dec.,10
9	Himachal Pr.	0	0	0	0	0	0	Dec.,10
10	Jammu Div.	0	0	0	0	0	0	Dec.,10
	Kashmir Div.	23	0	12	0	35	0	Dec.,10
11	Jharkhand	36	0	36	0	72	0	Nov.,10
12	Karnataka	0	0	0	0	0	0	Nov.,10
13	Kerala	0	0	0	0	0	0	Dec.,10
14	Madhya Pradesh	1	0	0	0	1	0	Dec.,10
15	Maharashtra	31	1	53	0	84	1	Dec.,10 except Feb.&Aug.
16	Manipur	0	0	0	0	0	0	Nov.,10
17	Meghalaya	9	0	12	0	21	0	Nov.,10
18	Mizoram	16	0	11	0	27	0	Dec.,10
19	Nagaland	10	0	13	0	23	0	Dec.,10
20	Orissa	4	0	2	0	6	0	Dec.,10
21	Punjab	19	0	25	0	44	0	Dec.,10
22	Rajasthan	14	0	2	0	16	0	Dec.,10
23	Sikkim	0	0	0	0	0	0	Nov.,10
24	Tamil Nadu	40	0	15	0	55	0	Dec.,10
25	Tripura	0	0	0	0	0	0	July,10
26	Uttarakhand	3	0	1	0	4	0	Dec.,10
27	Uttar Pradesh	55	0	35	0	90	0	Oct.,10
28	West Bengal	199	2	307	6	506	8	Dec.,10
29	A & N Islands	6	0	11	0	17	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	0	0	0	0	0	0	Dec.,10
32	Daman & Diu	0	0	0	0	0	0	Dec.,10
33	Delhi	429	100	302	63	731	163	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	10	0	20	0	30	0	Dec.,10
<b>Total</b>		<b>1578</b>	<b>103</b>	<b>1551</b>	<b>74</b>	<b>3129</b>	<b>177</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.13 State/UT wise Cases and Deaths due to Whooping Cough in India 2009

(Revised based on information received from state/UT after the release of NHP 2009)

ICD - 10 Code A37

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	3773	0	3186	0	6959	0	Dec., 09
2	Arunachal Pr.	100	0	98	0	198	0	Dec., 09
3	Assam	1290	0	983	0	2273	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	1486	0	1171	0	2657	0	Dec., 09
6	Goa	9	0	10	0	19	0	Dec., 09
7	Gujarat	6	0	1	0	7	0	Dec., 09
8	Haryana	612	0	582	0	1194	0	Dec., 09
9	Himachal Pr.	0	0	0	0	0	0	Dec., 09
10	Jammu Div.	20	0	30	0	50	0	Dec., 09
	Kashmir Div.	3400	0	2095	0	5495	0	Dec., 09
11	Jharkhand	2505	0	2435	0	4940	0	Dec., 09
12	Karnataka	959	0	691	0	1650	0	Dec., 09
13	Kerala	58	0	65	0	123	0	Dec., 09
14	Madhya Pradesh	4552	0	3879	0	8431	0	Dec., 09
15	Maharashtra	574	0	782	0	1356	0	Dec., 09
16	Manipur	100	0	81	0	181	0	Dec., 09
17	Meghalaya	806	0	814	0	1620	0	Dec., 09
18	Mizoram	90	0	105	0	195	0	Dec., 09
19	Nagaland	1613	0	1466	0	3079	0	Dec., 09
20	Orissa	1883	0	1256	0	3139	0	Dec., 09
21	Punjab	0	0	0	0	0	0	Dec., 09
22	Rajasthan	514	0	314	0	828	0	Dec., 09
23	Sikkim	0	0	0	0	0	0	Dec., 09
24	Tamil Nadu	0	0	0	0	0	0	Dec., 09
25	Tripura	111	0	105	0	216	0	Dec., 09
26	Uttarakhand	338	0	283	0	621	0	Dec., 09
27	Uttar Pradesh	7419	0	5525	0	12944	0	Dec., 09
28	West Bengal	701	2	554	3	1255	5	Dec., 09
29	A & N Islands	85	0	44	0	129	0	Dec., 09
30	Chandigarh	0	0	0	0	0	0	Dec., 09 except Jan. to June
31	D & N Haveli	0	0	0	0	0	0	Dec., 09
32	Daman & Diu	0	0	0	0	0	0	Dec., 09
33	Delhi	579	0	247	0	826	0	Dec., 09
34	Lakshadweep	0	0	0	0	0	0	Dec., 09
35	Puducherry	0	0	0	0	0	0	Dec., 09
	<b>Total</b>	<b>33583</b>	<b>2</b>	<b>26802</b>	<b>3</b>	<b>60385</b>	<b>5</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.13 State/UT wise Cases and Deaths due to Whooping Cough in India 2010(Provisional)

ICD - 10 Code A37

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	3858	0	3770	0	7628	0	Dec.,10
2	Arunachal Pr.	47	0	42	0	89	0	Dec.,10
3	Assam	0	0	0	0	0	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	508	0	419	0	927	0	Dec.,10
6	Goa	0	0	0	0	0	0	Dec.,10
7	Gujarat	6	0	2	0	8	0	Dec.,10
8	Haryana	234	0	180	0	414	0	Dec.,10
9	Himachal Pr.	0	0	0	0	0	0	Dec.,10
10	Jammu Div.	17	0	11	0	28	0	Dec.,10
	Kashmir Div.	3439	0	1930	0	5369	0	Dec.,10
11	Jharkhand	2284	0	2226	0	4510	0	Nov.,10
12	Karnataka	424	0	415	0	839	0	Nov.,10
13	Kerala	27	0	36	0	63	0	Dec.,10
14	Madhya Pradesh	4872	0	4550	0	9422	0	Dec.,10
15	Maharashtra	218	0	178	0	396	0	Dec.,10
16	Manipur	17	0	23	0	40	0	Nov.,10
17	Meghalaya	536	0	592	0	1128	0	Nov.,10
18	Mizoram	14	0	12	0	26	0	Dec.,10
19	Nagaland	305	0	543	0	848	0	Dec.,10
20	Orissa	1356	0	966	0	2322	0	Dec.,10
21	Punjab	0	0	0	0	0	0	Dec.,10
22	Rajasthan	615	0	239	0	854	0	Dec.,10
23	Sikkim	0	0	0	0	0	0	Nov.,10
24	Tamil Nadu	56	0	37	1	93	1	Dec.,10
25	Tripura	49	0	44	0	93	0	July,10
26	Uttarakhand	20	0	18	0	38	0	Dec.,10
27	Uttar Pradesh	603	0	413	0	1016	0	Oct.,10
28	West Bengal	1147	4	788	1	1935	5	Dec.,10
29	A & N Islands	66	0	37	0	103	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	0	0	0	0	0	0	Dec.,10
32	Daman & Diu	0	0	0	0	0	0	Dec.,10
33	Delhi	40	0	25	0	65	0	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	109	0	130	0	239	0	Dec.,10
<b>Total</b>		<b>20867</b>	<b>4</b>	<b>17626</b>	<b>2</b>	<b>38493</b>	<b>6</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.14 State/UT wise Cases and Deaths due to Measles in India 2009

(Revised based on information received from state/UT after the release of NHP 2009)

ICD - 10 Code B05

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	920	1	819	1	1739	2	Dec., 09
2	Arunachal Pr.	338	1	332	1	670	2	Dec., 09
3	Assam	6479	0	3851	0	10330	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	61	0	44	0	105	0	Dec., 09
6	Goa	12	0	10	0	22	0	Dec., 09
7	Gujarat	312	0	287	0	599	0	Dec., 09
8	Haryana	107	0	60	0	167	0	Dec., 09
9	Himachal Pr.	296	0	257	0	553	0	Dec., 09
10	Jammu Div.	252	0	208	0	460	0	Dec., 09
	Kashmir Div.	2162	0	1813	0	3975	0	Dec., 09
11	Jharkhand	525	0	468	0	993	0	Dec., 09
12	Karnataka	1345	1	1048	0	2393	1	Dec., 09
13	Kerala	1647	0	1554	0	3201	0	Dec., 09
14	Madhya Pradesh	1247	0	222	0	1469	0	Dec., 09
15	Maharashtra	1136	3	968	2	2104	5	Dec., 09
16	Manipur	161	0	151	0	312	0	Dec., 09
17	Meghalaya	890	0	849	1	1739	1	Dec., 09
18	Mizoram	335	0	293	0	628	0	Dec., 09
19	Nagaland	933	0	952	0	1885	0	Dec., 09
20	Orissa	720	0	509	0	1229	0	Dec., 09
21	Punjab	30	0	19	0	49	0	Dec., 09
22	Rajasthan	137	0	103	0	240	0	Dec., 09
23	Sikkim	154	0	121	0	275	0	Dec., 09
24	Tamil Nadu	494	0	494	0	988	0	Dec., 09
25	Tripura	155	0	135	0	290	0	Dec., 09
26	Uttarakhand	80	0	40	0	120	0	Dec., 09
27	Uttar Pradesh	4616	0	3588	0	8204	0	Dec., 09
28	West Bengal	5561	9	4871	15	10432	24	Dec., 09
29	A & N Islands	53	0	53	0	106	0	Dec., 09
30	Chandigarh	5	2	7	2	12	4	Dec., 09 except Jan. to June
31	D & N Haveli	53	0	61	0	114	0	Dec., 09
32	Daman & Diu	0	0	2	0	2	0	Dec., 09
33	Delhi	459	6	298	3	757	9	Dec., 09
34	Lakshadweep	0	0	0	0	0	0	Dec., 09
35	Puducherry	16	0	10	0	26	0	Dec., 09
<b>Total</b>		<b>31691</b>	<b>23</b>	<b>24497</b>	<b>25</b>	<b>56188</b>	<b>48</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.14 State/UT wise Cases and Deaths Due to Measles in India 2010 (Provisional)

ICD - 10 Code B05

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	265	0	191	0	456	0	Dec.,10
2	Arunachal Pr.	83	0	73	0	156	0	Dec.,10
3	Assam	84	0	137	0	221	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	47	0	42	0	89	0	Dec.,10
6	Goa	25	0	15	0	40	0	Dec.,10
7	Gujarat	242	0	202	0	444	0	Dec.,10
8	Haryana	90	0	67	1	157	1	Dec.,10
9	Himachal Pr.	266	0	364	0	630	0	Dec.,10
10	Jammu Div.	378	0	448	0	826	0	Dec.,10
	Kashmir Div.	1266	0	1039	0	2305	0	Dec.,10
11	Jharkhand	500	0	454	0	954	0	Nov.,10
12	Karnataka	590	0	451	0	1041	0	Nov.,10
13	Kerala	1765	1	1530	2	3295	3	Dec.,10
14	Madhya Pradesh	459	0	292	0	751	0	Dec.,10
15	Maharashtra	1738	1	1439	1	3177	2	Dec.,10
16	Manipur	168	0	194	0	362	0	Nov.,10
17	Meghalaya	269	1	278	0	547	1	Nov.,10
18	Mizoram	225	0	207	0	432	0	Dec.,10
19	Nagaland	922	0	864	0	1786	0	Dec.,10
20	Orissa	544	0	360	0	904	0	Dec.,10
21	Punjab	15	0	13	0	28	0	Dec.,10
22	Rajasthan	168	0	117	0	285	0	Dec.,10
23	Sikkim	163	0	144	0	307	0	Nov.,10
24	Tamil Nadu	350	0	261	0	611	0	Dec.,10
25	Tripura	200	0	171	0	371	0	July,10
26	Uttarakhand	516	0	391	0	907	0	Dec.,10
27	Uttar Pradesh	892	0	589	0	1481	0	Oct.,10
28	West Bengal	2936	4	2676	7	5612	11	Dec.,10
29	A & N Islands	0	0	0	0	0	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	48	0	44	0	92	0	Dec.,10
32	Daman & Diu	1	0	0	0	1	0	Dec.,10
33	Delhi	938	6	574	8	1512	14	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	15	0	13	0	28	0	Dec.,10
<b>Total</b>		<b>16168</b>	<b>13</b>	<b>13640</b>	<b>19</b>	<b>29808</b>	<b>32</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.15 State/UT wise Cases and Deaths due to Viral Hepatitis (All Causes) in India 2009

(Revised based on information received from state/UT after the release of NHP 2009)

ICD - 10 Code B15 - B17

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	5509	40	3948	13	9457	53	Dec., 09
2	Arunachal Pr.	69	0	84	2	153	2	Dec., 09
3	Assam	4616	0	3154	0	7770	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	955	13	880	0	1835	13	Dec., 09
6	Goa	53	0	43	0	96	0	Dec., 09
7	Gujarat	1928	63	1140	36	3068	99	Dec., 09
8	Haryana	1226	3	785	1	2011	4	Dec., 09
9	Himachal Pr.	1670	3	1309	2	2979	5	Dec., 09
10	Jammu Div.	3371	0	2204	0	5575	0	Dec., 09
	Kashmir Div.	363	0	252	0	615	0	Dec., 09
11	Jharkhand	228	4	112	0	340	4	Dec., 09
12	Karnataka	5262	11	5767	8	11029	19	Dec., 09
13	Kerala	4636	12	3174	1	7810	13	Dec., 09
14	Madhya Pradesh	4000	11	3381	6	7381	17	Dec., 09
15	Maharashtra	4606	17	2882	13	7488	30	Dec., 09
16	Manipur	893	0	871	0	1764	0	Dec., 09
17	Meghalaya	106	2	99	0	205	2	Dec., 09
18	Mizoram	294	7	182	0	476	7	Dec., 09
19	Nagaland	325	0	217	0	542	0	Dec., 09
20	Orissa	3416	52	2194	30	5610	82	Dec., 09
21	Punjab	3304	4	2446	3	5750	7	Dec., 09
22	Rajasthan	579	2	402	0	981	2	Dec., 09
23	Sikkim	187	1	177	2	364	3	Dec., 09
24	Tamil Nadu	2111	1	1867	0	3978	1	Dec., 09
25	Tripura	589	2	398	1	987	3	Dec., 09
26	Uttarakhand	12542	11	7590	6	20132	17	Dec., 09
27	Uttar Pradesh	1112	14	876	5	1988	19	Dec., 09
28	West Bengal	2717	82	1808	39	4525	121	Dec., 09
29	A & N Islands	154	0	89	2	243	2	Dec., 09
30	Chandigarh	216	2	174	0	390	2	Dec., 09 except Jan. to June
31	D & N Haveli	177	0	100	0	277	0	Dec., 09
32	Daman & Diu	49	0	13	0	62	0	Dec., 09
33	Delhi	4659	29	2998	11	7657	40	Dec., 09
34	Lakshadweep	18	0	12	0	30	0	Dec., 09
35	Puducherry	370	32	147	1	517	33	Dec., 09
	<b>Total</b>	<b>72310</b>	<b>418</b>	<b>51775</b>	<b>182</b>	<b>124085</b>	<b>600</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.15 State/UT wise Cases and Deaths Due to Viral Hepatitis (All Causes) in India 2010(Provisional)

ICD - 10 Code B15 - B17

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	5172	37	4777	23	9949	60	Dec.,10
2	Arunachal Pr.	107	4	112	2	219	6	Dec.,10
3	Assam	263	0	49	0	312	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	186	1	101	3	287	4	Dec.,10
6	Goa	55	0	16	0	71	0	Dec.,10
7	Gujarat	1705	0	968	0	2673	0	Dec.,10
8	Haryana	909	4	591	0	1500	4	Dec.,10
9	Himachal Pr.	1375	9	1191	4	2566	13	Dec.,10
10	Jammu Div.	1689	0	1335	0	3024	0	Dec.,10
	Kashmir Div.	543	0	423	0	966	0	Dec.,10
11	Jharkhand	135	0	96	0	231	0	Nov.,10
12	Karnataka	4711	12	3597	4	8308	16	Nov.,10
13	Kerala	3253	4	2142	2	5395	6	Dec.,10
14	Madhya Pradesh	2122	11	3046	4	5168	15	Dec.,10
15	Maharashtra	3199	13	2247	23	5446	36	Dec.,10
16	Manipur	151	0	147	0	298	0	Nov.,10
17	Meghalaya	191	0	237	1	428	1	Nov.,10
18	Mizoram	343	7	228	5	571	12	Dec.,10
19	Nagaland	56	0	43	0	99	0	Dec.,10
20	Orissa	1819	40	1060	17	2879	57	Dec.,10
21	Punjab	3678	14	2868	7	6546	21	Dec.,10
22	Rajasthan	556	1	394	0	950	1	Dec.,10
23	Sikkim	504	2	294	0	798	2	Nov.,10
24	Tamil Nadu	2749	2	2394	1	5143	3	Dec.,10
25	Tripura	284	2	166	2	450	4	July,10
26	Uttarakhand	3960	9	2685	3	6645	12	Dec.,10
27	Uttar Pradesh	1197	5	780	4	1977	9	Oct.,10
28	West Bengal	2657	36	1783	29	4440	65	Dec.,10
29	A & N Islands	159	2	69	2	228	4	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	184	2	130	0	314	2	Dec.,10
32	Daman & Diu	64	0	39	0	103	0	Dec.,10
33	Delhi	4240	42	2270	19	6510	61	Dec.,10
34	Lakshadweep	13	0	7	0	20	0	Dec.,10
35	Puducherry	413	0	237	2	650	2	Dec.,10
<b>Total</b>		<b>48642</b>	<b>259</b>	<b>36522</b>	<b>157</b>	<b>85164</b>	<b>416</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.16 State/UT wise Cases and Deaths due to Rabies in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

ICD - 10 Code A82

S. No.	State/UT	Male Cases/Deaths	Female Cases/Deaths	Total Cases/Deaths	Reference Period up to
1	Andhra Pr.	15	7	22	Dec., 09
2	Arunachal Pr.	0	0	0	Dec., 09
3	Assam	0	0	0	Dec., 09
4	Bihar	..	..	..	NR
5	Chhattisgarh	0	0	0	Dec., 09
6	Goa	0	0	0	Dec., 09
7	Gujarat	11	5	16	Dec., 09
8	Haryana	1	0	1	Dec., 09
9	Himachal Pr.	2	0	2	Dec., 09
10	Jammu Div.	0	0	0	Dec., 09
	Kashmir Div.	0	0	0	Dec., 09
11	Jharkhand	0	0	0	Dec., 09
12	Karnataka	4	2	6	Dec., 09
13	Kerala	5	1	6	Dec., 09
14	Madhya Pradesh	7	2	9	Dec., 09
15	Maharashtra	10	2	12	Dec., 09
16	Manipur	0	0	0	Dec., 09
17	Meghalaya	0	0	0	Dec., 09
18	Mizoram	0	0	0	Dec., 09
19	Nagaland	0	0	0	Dec., 09
20	Orissa	1	0	1	Dec., 09
21	Punjab	1	0	1	Dec., 09
22	Rajasthan	2	1	3	Dec., 09
23	Sikkim	0	0	0	Dec., 09
24	Tamil Nadu	1	2	3	Dec., 09
25	Tripura	3	1	4	Dec., 09
26	Uttarakhand	3	0	3	Dec., 09
27	Uttar Pradesh	1	2	3	Dec., 09
28	West Bengal	107	49	156	Dec., 09
29	A & N Islands	0	0	0	Dec., 09
30	Chandigarh	0	0	0	Dec., 09 except Jan. to June
31	D & N Haveli	0	0	0	Dec., 09
32	Daman & Diu	0	0	0	Dec., 09
33	Delhi	13	2	15	Dec., 09
34	Lakshadweep	0	0	0	Dec., 09
35	Puducherry	0	0	0	Dec., 09
	<b>Total</b>	<b>187</b>	<b>76</b>	<b>263</b>	

Notes: Number of Deaths is equal to the number of Cases.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.16 State/UT wise Cases and Deaths Due to Rabies in India 2010 (Provisional)

ICD - 10 Code A82

S. No.	State/UT	Male	Female	Total	Reference Period up to
		Cases/Deaths	Cases/Deaths	Cases/Deaths	
1	Andhra Pr.	8	8	16	Dec.,10
2	Arunachal Pr.	0	0	0	Dec.,10
3	Assam	0	0	0	Apr.,10
4	Bihar	..	..	..	NR
5	Chhattisgarh	0	0	0	Dec.,10
6	Goa	0	0	0	Dec.,10
7	Gujarat	14	5	19	Dec.,10
8	Haryana	0	0	0	Dec.,10
9	Himachal Pr.	0	0	0	Dec.,10
10	Jammu Div.	0	0	0	Dec.,10
	Kashmir Div.	0	0	0	Dec.,10
11	Jharkhand	0	0	0	Nov.,10
12	Karnataka	3	0	3	Nov.,10
13	Kerala	9	1	10	Dec.,10
14	Madhya Pradesh	1	0	1	Dec.,10
15	Maharashtra	1	2	3	Dec.,10
16	Manipur	0	0	0	Nov.,10
17	Meghalaya	0	0	0	Nov.,10
18	Mizoram	0	0	0	Dec.,10
19	Nagaland	0	0	0	Dec.,10
20	Orissa	4	1	5	Dec.,10
21	Punjab	0	0	0	Dec.,10
22	Rajasthan	0	0	0	Dec.,10
23	Sikkim	0	0	0	Nov.,10
24	Tamil Nadu	1	1	2	Dec.,10
25	Tripura	0	0	0	July,10
26	Uttarakhand	2	1	3	Dec.,10
27	Uttar Pradesh	0	0	0	Oct.,10
28	West Bengal	61	24	85	Dec.,10
29	A & N Islands	0	0	0	Oct.,10
30	Chandigarh	..	..	..	NR
31	D & N Haveli	0	0	0	Dec.,10
32	Daman & Diu	0	0	0	Dec.,10
33	Delhi	11	3	14	Dec.,10
34	Lakshadweep	0	0	0	Dec.,10
35	Puducherry	1	0	1	Dec.,10
<b>Total</b>		<b>116</b>	<b>46</b>	<b>162</b>	

Notes: Number of Deaths is equal to the number of Cases.

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.17 State/UT wise Cases and Deaths due to Polio in India 2009 - 2010

ICD - 10 Code A 80

S. No.	State/UT	2009		2010	
		Cases	Deaths	Cases	Deaths
	1	2	3	4	5
1	Andhra Pradesh	0	0	0	0
2	Arunachal Pradesh	0	0	0	0
3	Assam	117	0	0	0
4	Bihar	0	7	9	0
5	Chhattisgarh	0	0	0	0
6	Goa	0	0	0	0
7	Gujarat	4	0	0	0
8	Haryana	1	1	1	0
9	Himachal Pr.	0	0	0	0
10	Jammu & Kashmir	2	0	1	0
11	Jharkhand	0	0	8	0
12	Karnataka	0	0	0	0
13	Kerala	0	0	0	0
14	Madhya Pradesh	0	0	0	0
15	Maharashtra	0	0	5	0
16	Manipur	0	0	0	0
17	Meghalaya	0	0	0	0
18	Mizoram	0	0	0	0
19	Nagaland	0	0	0	0
20	Orissa	4	0	0	0
21	Punjab	3	0	0	0
22	Rajasthan	0	0	0	0
23	Sikkim	0	0	0	0
24	Tamil Nadu	0	0	0	0
25	Tripura	4	0	0	0
26	Uttarakhand	602	0	0	0
27	Uttar Pradesh	0	69	10	1
28	West Bengal	0	0	8	0
29	A & N Islands	0	0	0	0
30	Chandigarh	0	0	0	0
31	D & N Haveli	0	0	0	0
32	Daman & Diu	4	0	0	0
33	Delhi	0	1	0	0
34	Lakshadweep	0	0	0	0
35	Puducherry	741	0	0	0
	<b>TOTAL</b>	<b>559</b>	<b>78</b>	<b>42</b>	<b>1</b>

Source: National Polio Surveillance Unit of India (website <http://www.npsuindia.org>)

### 3.1.1.17 State/UT wise Classification of AFP Cases and Key Surveillance Indicators, 2010

ICD - 10 Code A80

S. No.	State/UT	AFP							Surveillance Indicators			
		AFP Cases	Case Classification						Annualized Rates		Specimen	
			Confirmed Polio	VDPV	Compatible	Discarded (non-polio AFP)	Pending		AFP rate	Non-polio AFP rate	% with 2 spec. w/in 14 days	% with any specimen
							Total	90 Days				
1		2	3	4	5	6	7	8	9	10	11	12
1	Andhra Pradesh	857	0	0	0	794	63	40	3.04	2.82	85	97
2	Andaman & Nicobar	3	0	0	0	3	0	0	2.29	2.29	100	100
3	Arunachal Pradesh	15	0	0	0	12	3	2	2.75	2.20	80	93
4	Assam	429	0	0	0	404	25	14	3.45	3.25	88	97
5	Bihar	15585	9	0	54	14648	874	489	37.53	35.27	87	98
6	Chandigarh	21	0	0	0	20	1	1	3.19	3.03	81	95
7	Chhattisgarh	374	0	0	0	302	72	61	3.81	3.08	74	96
8	D & N Haveli	7	0	0	0	7	0	0	5.88	5.88	71	100
9	Daman & Diu	5	0	0	0	5	0	0	4.59	4.59	80	100
10	Delhi	430	0	0	0	369	61	37	5.99	5.14	76	95
11	Goa	25	0	0	0	23	2	0	5.01	4.61	76	96
12	Gujarat	908	0	0	0	849	59	28	4.23	3.96	83	95
13	Haryana	661	1	0	0	591	69	34	6.61	5.91	80	97
14	Himachal Pradesh	142	0	0	0	135	7	4	6.47	6.15	87	99
15	Jammu & Kashmir	191	1	0	0	189	1	1	3.72	3.68	97	99
16	Jharkhand	1324	8	0	1	1170	145	106	10.36	9.16	82	96
17	Karnataka	841	0	0	0	749	92	65	4.41	3.93	81	96
18	Kerala	350	0	0	0	320	30	7	3.87	3.54	87	98
19	Lakshadweep	0	0	0	0	0	0	0	0.00	0.00	0	0
20	Madhya Pradesh	2737	0	0	0	2477	260	149	9.27	8.39	82	98
21	Maharashtra	2499	5	0	1	2318	175	88	6.52	6.05	84	98
22	Manipur	18	0	0	0	17	1	1	1.73	1.63	94	94
23	Meghalaya	28	0	0	0	27	1	0	2.39	2.30	96	100
24	Mizoram	4	0	0	0	4	0	0	0.95	0.95	75	100
25	Nagaland	31	0	0	0	31	0	0	2.56	2.56	97	100
26	Orissa	1506	0	0	0	1342	164	115	10.96	9.77	84	98
27	Pondicherry	14	0	0	0	14	0	0	4.13	4.13	100	100
28	Punjab	357	0	0	2	329	26	15	4.32	3.98	81	99
29	Rajasthan	1310	0	0	0	1157	153	94	4.75	4.20	77	95
30	Sikkim	7	0	0	0	6	1	1	2.76	2.36	86	100
31	Tamil Nadu	602	0	1	0	570	31	14	3.65	3.45	91	99
32	Tripura	87	0	0	0	82	5	0	5.95	5.61	91	99
33	Uttarakhand	352	0	0	0	331	21	12	9.03	8.49	85	98
34	Uttar Pradesh	21423	10	2	63	19463	1885	922	26.25	23.85	81	97
35	West Bengal	2084	8	0	2	1942	132	61	6.31	5.88	88	98
	<b>TOTAL</b>	<b>55227</b>	<b>42</b>	<b>3</b>	<b>123</b>	<b>50700</b>	<b>4359</b>	<b>2361</b>	<b>12.57</b>	<b>11.54</b>	<b>84</b>	<b>97</b>

Notes:

AFP cases > 15 years of age of missing age information are excluded

Included 39 index cases (type 1 - 1 in Bihar, type 3 - 2 in Bihar, 36 in Uttar Pradesh) with contact specimen positive for wild poliovirus in 2010.

Source: National Polio Surveillance Unit of India (website <http://www.npsuindia.org>).

### 3.1.1.18 State/UT wise Cases and Deaths due to Pneumonia in India 2009

(Revised based on information received from state/UT after the release of NHP 2009)

ICD - 10 Code J12 - J18

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	32374	99	30670	97	63044	196	Dec., 09
2	Arunachal Pr.	686	3	625	3	1311	6	Dec., 09
3	Assam	20209	0	10283	0	30492	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	4538	18	4483	12	9021	30	Dec., 09
6	Goa	167	0	134	1	301	1	Dec., 09
7	Gujarat	3361	9	2700	7	6061	16	Dec., 09
8	Haryana	3101	14	8932	7	12033	21	Dec., 09
9	Himachal Pr.	15959	42	17156	36	33115	78	Dec., 09
10	Jammu Div.	44126	0	37936	0	82062	0	Dec., 09
	Kashmir Div.	7133	1	5371	0	12504	1	Dec., 09
11	Jharkhand	4103	3	3029	0	7132	3	Dec., 09
12	Karnataka	16873	95	14743	56	31616	151	Dec., 09
13	Kerala	9686	51	8882	19	18568	70	Dec., 09
14	Madhya Pradesh	32077	44	27742	37	59819	81	Dec., 09
15	Maharashtra	21605	76	20560	37	42165	113	Dec., 09
16	Manipur	799	9	779	6	1578	15	Dec., 09
17	Meghalaya	3027	15	2875	18	5902	33	Dec., 09
18	Mizoram	2448	80	2089	63	4537	143	Dec., 09
19	Nagaland	3939	0	2245	0	6184	0	Dec., 09
20	Orissa	26307	94	18595	70	44902	164	Dec., 09
21	Punjab	3206	42	2378	23	5584	65	Dec., 09
22	Rajasthan	30655	71	21881	54	52536	125	Dec., 09
23	Sikkim	252	2	258	3	510	5	Dec., 09
24	Tamil Nadu	28940	19	27704	5	56644	24	Dec., 09
25	Tripura	2150	37	1529	24	3679	61	Dec., 09
26	Uttarakhand	8235	5	6953	4	15188	9	Dec., 09
27	Uttar Pradesh	54896	142	44925	74	99821	216	Dec., 09
28	West Bengal	27588	472	24794	356	52382	828	Dec., 09
29	A & N Islands	537	5	672	2	1209	7	Dec., 09
30	Chandigarh	695	14	538	18	1233	32	Dec., 09 except Jan. to June
31	D & N Haveli	113	0	59	0	172	0	Dec., 09
32	Daman & Diu	29	0	13	0	42	0	Dec., 09
33	Delhi	23128	260	13580	160	36708	420	Dec., 09
34	Lakshadweep	65	0	45	0	110	0	Dec., 09
35	Puducherry	1954	35	1272	12	3226	47	Dec., 09
<b>Total</b>		<b>434961</b>	<b>1757</b>	<b>366430</b>	<b>1204</b>	<b>801391</b>	<b>2961</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.18 State/UT wise Cases and Deaths Due to Pneumonia in India 2010 (Provisional)

ICD - 10 Code J12 - J18

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	23883	87	22321	69	46204	156	Dec.,10 except Feb.
2	Arunachal Pr.	499	3	522	1	1021	4	Dec.,10
3	Assam	1264	0	1331	0	2595	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	2365	2	2234	1	4599	3	Dec.,10
6	Goa	336	6	246	1	582	7	Dec.,10
7	Gujarat	954	0	854	0	1808	0	Dec.,10 except Jan.
8	Haryana	3980	12	3421	4	7401	16	Dec.,10
9	Himachal Pr.	16196	63	15270	34	31466	97	Dec.,10
10	Jammu Div.	47657	4	38819	3	86476	7	Dec.,10
	Kashmir Div.	6372	1	4899	0	11271	1	Dec.,10
11	Jharkhand	4424	0	3708	0	8132	0	Nov.,10
12	Karnataka	8390	78	7553	74	15943	152	Nov.,10
13	Kerala	10434	33	9252	14	19686	47	Dec.,10
14	Madhya Pradesh	18923	32	15783	31	34706	63	Dec.,10
15	Maharashtra	14221	21	13301	12	27522	33	Dec.,10
16	Manipur	673	3	697	3	1370	6	Nov.,10
17	Meghalaya	4479	28	4473	20	8952	48	Nov.,10
18	Mizoram	1859	51	1476	53	3335	104	Dec.,10
19	Nagaland	1772	0	1616	1	3388	1	Dec.,10
20	Orissa	17889	243	12877	163	30766	406	Dec.,10
21	Punjab	5462	22	4929	18	10391	40	Dec.,10
22	Rajasthan	33480	24	23783	20	57263	44	Dec.,10
23	Sikkim	863	1	644	1	1507	2	Nov.,10
24	Tamil Nadu	68784	22	67740	29	136524	51	Dec.,10
25	Tripura	1302	32	975	11	2277	43	July,10
26	Uttarakhand	5484	8	4581	2	10065	10	Dec.,10
27	Uttar Pradesh	36342	137	29863	69	66205	206	Oct.,10
28	West Bengal	28096	362	24597	293	52693	655	Dec.,10
29	A & N Islands	370	2	335	4	705	6	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	294	6	211	2	505	8	Dec.,10
32	Daman & Diu	12	0	17	0	29	0	Dec.,10
33	Delhi	25263	312	12618	173	37881	485	Dec.,10
34	Lakshadweep	49	0	25	0	74	0	Dec.,10
35	Puducherry	4943	2	3847	2	8790	4	Dec.,10
<b>Total</b>		<b>397314</b>	<b>1597</b>	<b>334818</b>	<b>1108</b>	<b>732132</b>	<b>2705</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not received

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.19 State/UT wise Cases and Deaths Due to Meningococcal Meningitis in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

ICD - 10 Code A39

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	550	5	763	5	1313	10	Dec., 09
2	Arunachal Pr.	3	0	2	0	5	0	Dec., 09
3	Assam	0	0	0	0	0	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	6	1	6	0	12	1	Dec., 09
6	Goa	0	0	0	0	0	0	Dec., 09
7	Gujarat	0	0	0	0	0	0	Dec., 09
8	Haryana	25	3	11	2	36	5	Dec., 09
9	Himachal Pr.	0	0	0	0	0	0	Dec., 09
10	Jammu Div.	0	0	0	0	0	0	Dec., 09
	Kashmir Div.	0	0	0	0	0	0	Dec., 09
11	Jharkhand	3	1	2	1	5	2	Dec., 09
12	Karnataka	675	4	470	2	1145	6	Dec., 09
13	Kerala	118	0	79	1	197	1	Dec., 09
14	Madhya Pradesh	230	7	173	11	403	18	Dec., 09
15	Maharashtra	73	0	53	0	126	0	Dec., 09
16	Manipur	6	0	8	0	14	0	Dec., 09
17	Meghalaya	231	15	184	13	415	28	Dec., 09
18	Mizoram	33	10	27	12	60	22	Dec., 09
19	Nagaland	3	0	0	0	3	0	Dec., 09
20	Orissa	14	0	8	0	22	0	Dec., 09
21	Punjab	36	3	28	3	64	6	Dec., 09
22	Rajasthan	2	0	1	0	3	0	Dec., 09
23	Sikkim	7	0	10	1	17	1	Dec., 09
24	Tamil Nadu	102	0	65	2	167	2	Dec., 09
25	Tripura	82	16	73	4	155	20	Dec., 09
26	Uttarakhand	32	2	16	1	48	3	Dec., 09
27	Uttar Pradesh	42	9	22	1	64	10	Dec., 09
28	West Bengal	1164	214	813	93	1977	307	Dec., 09
29	A & N Islands	24	3	24	4	48	7	Dec., 09
30	Chandigarh	43	0	31	0	74	0	Dec., 09 except Jan. to June
31	D & N Haveli	0	0	0	0	0	0	Dec., 09
32	Daman & Diu	0	0	1	0	1	0	Dec., 09
33	Delhi	179	10	60	3	239	13	Dec., 09
34	Lakshadweep	1	0	0	0	1	0	Dec., 09
35	Puducherry	78	2	53	3	131	5	Dec., 09
<b>Total</b>		<b>3762</b>	<b>305</b>	<b>2983</b>	<b>162</b>	<b>6745</b>	<b>467</b>	

Notes:

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.19 State/UT wise Cases and Deaths Due to Meningococcal Meningitis in India 2010 (Provisional)

ICD - 10 Code A39

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	371	4	469	6	840	10	Dec.,10
2	Arunachal Pr.	3	0	1	0	4	0	Dec.,10
3	Assam	0	0	0	0	0	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	0	0	2	0	2	0	Dec.,10
6	Goa	0	0	0	0	0	0	Dec.,10
7	Gujarat	0	0	1	0	1	0	Dec.,10
8	Haryana	10	3	4	2	14	5	Dec.,10
9	Himachal Pr.	0	0	0	0	0	0	Dec.,10
10	Jammu Div.	7	0	6	0	13	0	Dec.,10
	Kashmir Div.	0	0	0	0	0	0	Dec.,10
11	Jharkhand	310	0	115	0	425	0	Nov.,10
12	Karnataka	446	5	339	2	785	7	Nov.,10
13	Kerala	32	1	28	0	60	1	Dec.,10
14	Madhya Pradesh	254	7	262	6	516	13	Dec.,10
15	Maharashtra	21	0	32	0	53	0	Dec.,10
16	Manipur	7	3	3	0	10	3	Nov.,10
17	Meghalaya	54	2	45	2	99	4	Nov.,10
18	Mizoram	35	9	14	5	49	14	Dec.,10
19	Nagaland	6	0	15	0	21	0	Dec.,10
20	Orissa	102	14	59	7	161	21	Dec.,10
21	Punjab	21	6	12	2	33	8	Dec.,10
22	Rajasthan	0	0	0	0	0	0	Dec.,10
23	Sikkim	0	0	1	0	1	0	Nov.,10
24	Tamil Nadu	239	0	199	0	438	0	Dec.,10
25	Tripura	32	6	22	0	54	6	July,10
26	Uttarakhand	52	7	39	1	91	8	Dec.,10
27	Uttar Pradesh	28	4	14	0	42	4	Oct.,10
28	West Bengal	1212	122	845	91	2057	213	Dec.,10
29	A & N Islands	34	3	21	2	55	5	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	0	0	0	0	0	0	Dec.,10
32	Daman & Diu	1	0	1	0	2	0	Dec.,10
33	Delhi	420	13	243	3	663	16	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	34	2	24	1	58	3	Dec.,10
<b>Total</b>		<b>3731</b>	<b>211</b>	<b>2816</b>	<b>130</b>	<b>6547</b>	<b>341</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not received

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.20 State/UT wise Cases and Deaths Due to Syphilis in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

ICD - 10 Code A50 - A53

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	16131	0	14856	0	30987	0	Dec., 09
2	Arunachal Pr.	9	0	15	0	24	0	Dec., 09
3	Assam	0	0	0	0	0	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	634	0	653	0	1287	0	Dec., 09
6	Goa	37	0	34	0	71	0	Dec., 09
7	Gujarat	461	0	620	0	1081	0	Dec., 09
8	Haryana	98	0	228	0	326	0	Dec., 09
9	Himachal Pr.	1	0	4	0	5	0	Dec., 09
10	Jammu Div.	0	0	0	0	0	0	Dec., 09
	Kashmir Div.	0	0	11	0	11	0	Dec., 09
11	Jharkhand	292	0	158	0	450	0	Dec., 09
12	Karnataka	2238	0	3364	0	5602	0	Dec., 09
13	Kerala	8	0	2	0	10	0	Dec., 09
14	Madhya Pradesh	1456	0	1527	0	2983	0	Dec., 09
15	Maharashtra	316	0	662	0	978	0	Dec., 09
16	Manipur	15	0	9	0	24	0	Dec., 09
17	Meghalaya	3	0	17	0	20	0	Dec., 09
18	Mizoram	65	0	70	0	135	0	Dec., 09
19	Nagaland	31	0	29	0	60	0	Dec., 09
20	Orissa	729	1	572	0	1301	1	Dec., 09
21	Punjab	121	0	116	0	237	0	Dec., 09
22	Rajasthan	155	0	361	0	516	0	Dec., 09
23	Sikkim	0	0	1	0	1	0	Dec., 09
24	Tamil Nadu	2925	0	2622	0	5547	0	Dec., 09
25	Tripura	55	0	50	0	105	0	Dec., 09
26	Uttarakhand	73	0	53	0	126	0	Dec., 09
27	Uttar Pradesh	206	0	225	0	431	0	Dec., 09
28	West Bengal	121	0	221	0	342	0	Dec., 09
29	A & N Islands	3	0	5	0	8	0	Dec., 09
30	Chandigarh	2	0	0	0	2	0	Dec., 09 except Jan. to June
31	D & N Haveli	0	0	0	0	0	0	Dec., 09
32	Daman & Diu	0	0	0	0	0	0	Dec., 09
33	Delhi	24	0	55	0	79	0	Dec., 09
34	Lakshadweep	0	0	0	0	0	0	Dec., 09
35	Puducherry	5	0	3	0	8	0	Dec., 09
<b>Total</b>		<b>26214</b>	<b>1</b>	<b>26543</b>	<b>0</b>	<b>52757</b>	<b>1</b>	

Notes:

../NR Not Reported/Not Received

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.20 State/UT wise Cases and Deaths Due to Syphilis in India 2010 (Provisional)

ICD - 10 Code A50 - A53

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	11829	0	9139	0	20968	0	Dec.,10
2	Arunachal Pr.	7	0	15	0	22	0	Dec.,10
3	Assam	0	0	0	0	0	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	280	0	231	0	511	0	Dec.,10
6	Goa	0	0	0	0	0	0	Dec.,10
7	Gujarat	577	0	601	0	1178	0	Dec.,10
8	Haryana	78	0	51	0	129	0	Dec.,10
9	Himachal Pr.	0	0	0	0	0	0	Dec.,10
10	Jammu Div.	0	0	0	0	0	0	Dec.,10
	Kashmir Div.	71	0	81	0	152	0	Dec.,10
11	Jharkhand	265	0	64	0	329	0	Nov.,10
12	Karnataka	982	0	1022	0	2004	0	Nov.,10
13	Kerala	2	0	3	0	5	0	Dec.,10
14	Madhya Pradesh	480	0	1171	0	1651	0	Dec.,10
15	Maharashtra	388	0	528	0	916	0	Dec.,10
16	Manipur	29	0	26	0	55	0	Nov.,10
17	Meghalaya	0	0	3	0	3	0	Nov.,10
18	Mizoram	26	0	35	0	61	0	Dec.,10
19	Nagaland	21	0	14	0	35	0	Dec.,10
20	Orissa	261	0	160	0	421	0	Dec.,10
21	Punjab	53	0	69	0	122	0	Dec.,10
22	Rajasthan	305	0	275	0	580	0	Dec.,10
23	Sikkim	2	0	0	0	2	0	Nov.,10
24	Tamil Nadu	566	0	621	0	1187	0	Dec.,10
25	Tripura	4	0	3	0	7	0	July,10
26	Uttarakhand	0	0	1	0	1	0	Dec.,10
27	Uttar Pradesh	228	0	147	0	375	0	Oct.,10
28	West Bengal	252	0	280	0	532	0	Dec.,10
29	A & N Islands	0	0	0	0	0	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	78	0	113	0	191	0	Dec.,10
32	Daman & Diu	11	0	23	0	34	0	Dec.,10
33	Delhi	30	0	28	0	58	0	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	5	0	1	0	6	0	Dec.,10
<b>Total</b>		<b>16830</b>	<b>0</b>	<b>14705</b>	<b>0</b>	<b>31535</b>	<b>0</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.21 State/UT wise Cases and Deaths Due to Gonococcal Infection in India 2009

Revised based on information received from states/UTs after the release of NHP 2009)

ICD - 10 Code A54

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	24657	0	51137	0	75794	0	Dec., 09
2	Arunachal Pr.	0	0	1	0	1	0	Dec., 09
3	Assam	3548	0	7396	0	10944	0	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	962	1	1268	0	2230	1	Dec., 09
6	Goa	6	0	0	0	6	0	Dec., 09
7	Gujarat	108	0	305	0	413	0	Dec., 09
8	Haryana	316	0	1572	0	1888	0	Dec., 09
9	Himachal Pr.	9	0	1711	0	1720	0	Dec., 09
10	Jammu Div.	1397	0	4259	0	5656	0	Dec., 09
	Kashmir Div.	122	0	1160	0	1282	0	Dec., 09
11	Jharkhand	274	0	547	0	821	0	Dec., 09
12	Karnataka	3050	0	6130	0	9180	0	Dec., 09
13	Kerala	34	0	93	0	127	0	Dec., 09
14	Madhya Pradesh	6365	1	8965	0	15330	1	Dec., 09
15	Maharashtra	2103	0	1776	0	3879	0	Dec., 09
16	Manipur	8	0	50	0	58	0	Dec., 09
17	Meghalaya	3	0	4	0	7	0	Dec., 09
18	Mizoram	98	0	80	0	178	0	Dec., 09
19	Nagaland	133	0	133	0	266	0	Dec., 09
20	Orissa	1048	0	896	2	1944	2	Dec., 09
21	Punjab	73	0	96	0	169	0	Dec., 09
22	Rajasthan	783	0	1339	0	2122	0	Dec., 09
23	Sikkim	1	0	0	0	1	0	Dec., 09
24	Tamil Nadu	940	0	1028	0	1968	0	Dec., 09
25	Tripura	0	0	12	0	12	0	Dec., 09
26	Uttarakhand	52	0	295	0	347	0	Dec., 09
27	Uttar Pradesh	2397	0	6209	0	8606	0	Dec., 09
28	West Bengal	697	0	1198	0	1895	0	Dec., 09
29	A & N Islands	2	0	10	0	12	0	Dec., 09
30	Chandigarh	0	0	0	0	0	0	Dec., 09 except Jan. to June
31	D & N Haveli	437	0	610	0	1047	0	Dec., 09
32	Daman & Diu	0	0	0	0	0	0	Dec., 09
33	Delhi	34	0	125	0	159	0	Dec., 09
34	Lakshadweep	0	0	0	0	0	0	Dec., 09
35	Puducherry	8	0	10	0	18	0	Dec., 09
<b>Total</b>		<b>49665</b>	<b>2</b>	<b>98415</b>	<b>2</b>	<b>148080</b>	<b>4</b>	

Notes:

../- NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.21 State/UT wise Cases and Deaths Due to Gonococcal Infection in India 2010 (Provisional)

ICD - 10 Code A54

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	26426	0	49621	0	76047	0	Dec.,10
2	Arunachal Pr.	2	0	5	0	7	0	Dec.,10
3	Assam	44	0	60	0	104	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	377	0	826	0	1203	0	Dec.,10
6	Goa	0	0	1	0	1	0	Dec.,10
7	Gujarat	149	0	478	0	627	0	Dec.,10
8	Haryana	373	0	1615	0	1988	0	Dec.,10
9	Himachal Pr.	35	0	2195	0	2230	0	Dec.,10
10	Jammu Div.	45	0	1387	0	1432	0	Dec.,10
	Kashmir Div.	43	0	29	0	72	0	Dec.,10
11	Jharkhand	424	0	943	0	1367	0	Nov.,10
12	Karnataka	1144	0	2306	0	3450	0	Nov.,10
13	Kerala	12	0	62	0	74	0	Dec.,10
14	Madhya Pradesh	2566	1	4455	0	7021	1	Dec.,10
15	Maharashtra	548	0	2137	0	2685	0	Dec.,10
16	Manipur	51	0	50	0	101	0	Nov.,10
17	Meghalaya	1	0	6	0	7	0	Nov.,10
18	Mizoram	40	0	44	0	84	0	Dec.,10
19	Nagaland	44	0	42	0	86	0	Dec.,10
20	Orissa	610	0	459	0	1069	0	Dec.,10
21	Punjab	61	1	413	0	474	1	Dec.,10
22	Rajasthan	3456	0	3936	0	7392	0	Dec.,10
23	Sikkim	1	0	0	0	1	0	Nov.,10
24	Tamil Nadu	404	0	1235	0	1639	0	Dec.,10
25	Tripura	0	0	3	0	3	0	July,10
26	Uttarakhand	82	0	256	0	338	0	Dec.,10
27	Uttar Pradesh	1511	0	4790	0	6301	0	Oct.,10
28	West Bengal	322	0	676	0	998	0	Dec.,10
29	A & N Islands	0	0	0	0	0	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	1145	0	1509	0	2654	0	Dec.,10
32	Daman & Diu	85	0	173	0	258	0	Dec.,10
33	Delhi	148	0	137	0	285	0	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	46	0	80	0	126	0	Dec.,10
<b>Total</b>		<b>40195</b>	<b>2</b>	<b>79929</b>	<b>0</b>	<b>120124</b>	<b>2</b>	

Notes:

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.1.22 State/UT wise Pulmonary Tuberculosis Case Detection, Deaths and Treatment Outcome During 2009 and TB Case Detection 2010\*

ICD - 10 Code A15 - A16

S. No.	State/UT	2009 (January - December)							2010 (January - September)						
		Popula- tion	No of TB Suspects examined	No of Smear positive patients diag- nosed	% of +ve TB Cases among sus- pects	TB patiets declared and regis- tered for treatment (DOTS)	New smear posi- tive TB patiets regis- tered for treat- ment (DOTS)	TB Deaths among re- ported cases	Popula- tion	No of TB Suspects examined	No of Smear positive patients diag- nosed	% of +ve TB Cases among suspects	TB patients declared and registered for treatment (DOTS)	New smear positive TB patients registered for treatment (DOTS)	Treatment success rate of new smear positive patients (Jan - Sept)
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Andhra Pradesh	830	537639	77380	14%	114074	49935	6077	840	418346	59738	14%	86320	37869	89%
2	Arunachal Pradesh	12	11202	1180	11%	2432	829	71	12	7810	863	11%	1888	592	87%
3	Assam	304	148688	22975	15%	39910	17097	1718	302	114555	18241	16%	30933	13185	85%
4	Bihar	953	348652	46255	13%	82401	35152	2199	964	278542	35411	13%	61035	26310	89%
5	Chhatisgarh	240	106034	12976	12%	27463	10573	950	239	82447	10379	13%	21698	8372	87%
6	Goa	17	12178	1220	10%	1897	648	78	17	10368	947	9%	1620	590	87%
7	Gujarat	572	407584	60578	15%	80575	35100	4174	582	319580	46964	15%	59247	27289	88%
8	Haryana	241	166345	24865	15%	38241	13790	1751	250	124144	19131	15%	28987	10683	85%
9	Himachal Pradesh	66	64566	8175	13%	13743	5057	564	67	54286	6720	12%	11354	4155	89%
10	Jammu & Kashmir	128	85403	8042	9%	13164	6001	409	116	66166	6610	10%	10432	4983	91%
11	Jharkhand	304	142864	21658	15%	39569	17273	1306	310	115911	17805	15%	30738	13816	90%
12	Karnataka	580	441850	43368	10%	67744	26614	4881	588	361008	33666	9%	51583	20570	81%
13	Kerala	346	306859	15505	5%	27019	11592	1155	343	250939	11478	5%	19586	8303	84%
14	Madhya Pradesh	705	307362	48419	16%	83276	30807	3116	710	261996	40383	15%	66826	26234	88%
15	Maharashtra	1083	642266	75972	12%	137705	51587	7904	1111	509849	58344	11%	102288	39270	85%
16	Manipur	27	14668	1481	10%	4239	1069	131	24	9918	1108	11%	2854	817	85%
17	Meghalaya	26	19641	2576	13%	4591	1705	278	26	16242	2047	13%	3872	1269	83%
18	Mizoram	10	8547	799	9%	2538	570	92	10	6329	528	8%	1797	361	91%
19	Nagaland	22	13860	1695	12%	3614	1332	94	22	11460	1509	13%	2989	1066	91%
20	Orissa	403	216910	30197	14%	52145	23001	2524	404	159277	23208	15%	38455	17333	87%
21	Punjab	269	176578	24266	14%	38641	15905	1642	274	138625	20141	15%	32184	13479	87%
22	Rajasthan	657	382379	70033	18%	111501	40198	4281	668	301391	55464	18%	88556	33164	89%
23	Sikkim	6	7553	752	10%	1720	493	87	6	5863	603	10%	1297	394	86%
24	Tamil Nadu	669	609722	44848	7%	82634	32874	3973	670	514018	34917	7%	62794	25189	87%
25	Tripura	36	21832	1817	8%	2851	1519	149	36	16102	1475	9%	2186	1182	90%
26	Uttar Pradesh	1944	1198412	176501	15%	283317	123211	9384	1973	895724	136211	15%	216283	94413	89%
27	Uttarakhand	96	70203	9984	14%	14300	5300	490	98	55838	8358	15%	11619	4402	85%
28	West Bengal	889	569475	67120	12%	105816	49102	5259	887	434472	52062	12%	79471	37223	86%
29	Andaman & Nicobar	4	3813	415	11%	803	298	27	5	2970	289	10%	566	209	88%
30	Chandigarh	11	14655	1905	13%	2572	876	50	14	12187	1799	15%	2199	776	88%
31	D & N Haveli	3	1686	264	16%	386	144	15	3	1656	220	13%	297	107	80%
32	Daman & Diu	2	2271	173	8%	326	115	16	3	1764	180	10%	218	60	72%
33	Delhi	176	170201	24994	15%	50693	14156	1420	179	121863	19018	16%	40735	10896	85%
34	Lakshadweep	0.7	223	8	4%	24	10	0	1	274	8	3%	11	8	100%
35	Puducherry	11	15774	2057	13%	1385	684	80	13	16152	1951	12%	1074	449	87%
<b>Total</b>		<b>11641</b>	<b>7247895</b>	<b>930453</b>	<b>13%</b>	<b>1533309</b>	<b>624617</b>	<b>66345</b>	<b>11767</b>	<b>5698072</b>	<b>727776</b>	<b>13%</b>	<b>1173992</b>	<b>485018</b>	<b>87%</b>

Notes:

1 Projected population based on census population of 2009 is used for calculation of case-detection rate, 1 lakh=100,000 population

2 Smear positive patients diagnosed include new smear positive cases and smear positive retreatment cases

3 Total patients registered for treatment includes new sputum smear positive cases, new smear negative cases, new extra-pulmonary cases, smear positive retreatment cases and 'Others'

• Detailed state/district wise annual and quarterly performance reports available at [www.tbcindia.org](http://www.tbcindia.org)

Source: Revised National TB Control Programme, Dte.GHS / MOHFW, GOI.

### 3.1.1.23 State/UT wise Observed HIV Prevalence Levels in India 2002 - 2008 (Latest)

#### ICD - 10 Code B20 - B24

S. No.	State/UT	Number of sites in 2008	HIV Prevalence Levels (percentage)						
			2002	2003	2004	2005	2006	2007	2008
1	Andhra Pradesh	ANC 52	1.25	1.25	1.63	1.75	1.26	1.00	1.00
		STD 0	21.65	21.47	16.40	22.80	24.40	17.20	NA
2	Arunachal Pradesh	ANC 6	0.00	0.00	0.17	0.43	0.00	0.00	0.59
		STD 7	0.00	0.63	0.00	0.00	0.42	0.00	0.54
3	Assam	ANC 16	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		STD 9	0.49	1.20	0.80	0.89	0.50	0.50	0.52
4	Bihar	ANC 23	0.25	0.00	0.00	0.00	0.50	0.25	0.00
		STD 24	1.60	0.40	1.20	0.00	0.40	0.40	0.40
5	Chattisgarh	ANC 17	0.25	0.58	0.00	0.25	0.00	0.25	0.25
		STD 4	0.80	2.00	3.20	3.00	2.58	3.33	0.40
6	Delhi	ANC 5	0.25	0.13	0.38	0.25	0.00	0.25	0.25
		STD 5	3.24	6.52	7.98	9.15	2.00	5.20	3.14
7	Goa	ANC 3	1.38	0.50	1.13	0.00	0.50	0.13	0.51
		STD 2	13.26	14.73	15.77	13.75	8.63	5.60	4.45
8	Gujarat	ANC 25	0.38	0.25	0.13	0.25	0.50	0.25	0.25
		STD 11	5.08	4.47	3.60	2.00	3.31	2.40	4.58
9	Haryana	ANC 12	0.38	0.26	0.00	0.13	0.13	0.00	0.00
		STD 9	1.48	1.20	0.93	1.30	0.81	0.00	0.80
10	Himachal Pradesh	ANC 8	0.00	0.00	0.13	0.13	0.00	0.00	0.38
		STD 5	0.40	0.40	0.00	0.40	0.60	0.00	0.00
11	Jammu & Kashmir	ANC 15	0.08	0.00	0.00	0.00	0.00	0.00	0.00
		STD 6	0.96	2.60	0.14	0.00	0.00	0.20	0.20
12	Jharkhand	ANC 15	0.00	0.00	0.00	0.13	0.00	0.00	0.25
		STD 11	0.00	0.00	0.00	0.00	0.40	0.40	0.41
13	Karnataka	ANC 58	1.63	1.25	1.25	1.00	1.00	0.50	0.75
		STD 7	13.55	10.40	12.00	13.60	7.57	8.40	8.33
14	Kerala	ANC 6	0.25	0.00	0.33	0.25	0.13	0.38	0.25
		STD 2	4.20	1.88	2.78	2.82	1.23	1.60	0.85
15	Madhya Pradesh	ANC 36	0.00	0.00	0.25	0.25	0.00	0.00	0.00
		STD 13	1.19	1.81	1.80	0.47	0.47	1.72	0.80
16	Maharashtra	ANC 74	1.00	0.75	0.75	1.00	0.75	0.50	0.50
		STD 10	7.82	12.00	10.80	12.80	10.00	11.62	11.69
17	Manipur	ANC 14	1.00	1.00	1.38	1.00	1.25	0.75	0.50
		STD 2	9.60	13.00	7.20	12.20	4.80	4.08	3.15
18	Meghalaya	ANC 74	0.00	0.42	0.00	0.00	0.00	0.00	0.00
		STD 3	0.45	0.20	0.00	0.00	0.50	1.62	0.00
19	Mizoram	ANC 8	1.01	0.97	1.25	0.88	1.00	0.75	0.50
		STD 2	2.60	3.80	1.00	3.00	1.60	6.80	6.40
20	Nagaland	ANC 19	1.26	1.13	0.95	1.50	0.93	0.60	1.03
		STD 1	2.43	0.98	1.70	3.48	0.00	3.42	3.32
21	Orissa	ANC 31	0.13	0.00	0.50	0.25	0.50	0.00	0.50
		STD 7	0.80	2.40	2.80	4.00	2.80	1.60	0.80
22	Punjab	ANC 813	0.38	0.00	0.25	0.13	0.00	0.00	0.00
		STD 3	0.81	1.60	1.09	0.80	0.00	0.80	0.80

Contd...

### 3.1.1.23 State/UT wise Observed HIV Prevalence Levels in India 2002 - 2008 (Concl.)

S. No.	State/UT	Number of sites in 2008	HIV Prevalence Levels (percentage)						
			2002	2003	2004	2005	2006	2007	2008
23	Rajasthan	ANC 26	0.50	0.00	0.00	0.13	0.00	0.00	0.13
		STD 15	4.80	6.08	2.92	5.60	1.60	2.00	0.80
24	Sikkim	ANC 3	0.13	0.25	0.00	0.25	0.00	0.00	0.00
		STD 1	0.00	0.00	0.00	0.86	0.00	0.00	2.88
25	Tamil Nadu	ANC 63	0.88	0.50	0.67	0.50	0.25	0.25	0.25
		STD 0	14.80	9.64	8.40	9.20	8.00	8.00	NA
26	Tripura	ANC 2	0.00	0.00	0.30	0.00	0.49	0.25	0.00
		STD 7	1.40	2.80	0.00	0.80	0.45	0.40	1.20
27	Uttar Pradesh	ANC 61	0.00	0.00	0.25	0.00	0.00	0.00	0.00
		STD 28	0.40	0.55	0.80	0.40	0.62	0.48	0.43
28	Uttarakhand	ANC 9	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		STD 7	0.00	0.00	0.37	0.00	0.00	0.00	0.40
29	West Bengal	ANC 21	0.25	0.50	0.50	0.84	0.00	0.00	0.00
		STD 9	0.47	1.61	0.88	2.16	1.01	0.80	1.63
30	A & N Islands	ANC 4	0.00	0.50	0.00	0.00	0.00	0.25	0.00
		STD 1	2.60	1.80	1.60	0.40	0.80	1.30	3.61
31	Chandigarh	ANC 1	0.25	0.00	0.50	0.00	0.25	0.25	0.25
		STD 2	1.81	0.81	1.80	1.00	1.70	0.42	2.91
32	D & N Haveli	ANC 1	0.00	0.13	0.00	0.25	0.00	0.50	0.00
		STD 0	NA	NA	NA	NA	NA	NA	NA
33	Daman & Diu	ANC 2	0.25	0.33	0.38	0.13	0.00	0.13	0.38
		STD 0	NA	NA	NA	NA	NA	NA	NA
34	Lakshdweep	ANC 2	0.00	0.00	0.00	0.00	0.00	0.00	NA
		STD 1	0.00	0.00	0.00	0.00	0.00	0.00	NA
35	Puducherry	ANC 2	0.25	0.13	0.25	0.25	0.25	0.00	0.25
		STD 3	3.26	2.40	4.80	5.20	4.80	2.80	2.82

#### Notes:

- \* NA : Not Available
- \* HIV Prevalence values in States with more than 3 sites are median values, while in States/UTs with 3 or less than 3 sites, the values are mean values.
- \* Sites with 75% coverage of desired sample size (STD: 250 & ANC:400) are included for analysis.

Source: National AIDS Control Organisation, MOHFW, GOI. (Latest)

### 3.1.1.24 State/UT wise Patients on Ever Started on ART, December 2010.

S. No.	State/UT	ART Cases	
		No of ART	No of Patient
1		2	3
	<b>India</b>	<b>292</b>	<b>604058</b>
1	Andhra Pradesh	38	143296
2	Arunachal Pradesh	1	60
3	Assam	3	1757
4	Bihar	6	11222
5	Chattisgarh	4	3692
6	Goa	1	1774
7	Gujarat	18	31313
8	Haryana	1	3227
9	Himachal Pradesh	3	2239
10	Jammu & Kashmir	2	1161
11	Jharkhand	4	3313
12	Karnataka	41	80719
13	Kerala	8	7664
14	Madhya Pradesh	7	8550
15	Maharashtra	51	133445
16	Manipur	7	8985
17	Meghalaya	1	166
18	Mizoram	1	1237
19	Nagaland	5	2665
20	Orissa	4	4618
21	Punjab	6	9166
22	Rajasthan	6	14643
23	Sikkim	1	83
24	Tamil Nadu	40	74194
25	Tripura	1	254
26	Uttar Pradesh	10	22555
27	Uttarakhand	2	1288
28	West Bengal	9	12319
29	A & N Islands	0	0
30	Chandigarh (UT)	1	3681
31	Dadra & Nagar Haveli	0	0
32	Daman & Diu	0	0
33	Delhi	9	13497
34	Lakshadweep	0	0
35	Puducherry	1	1075

Source: National AIDS Control Organisation, MOHFW, GOI. (Latest)

### 3.1.1.25 State/UT Leprosy Case Detection, Treatment and Discharge in India 2009-10

ICD - 10 Code A30

S. No.	State/UT	Estimated Population March 2010	Total New Cases Detected	Cases Discharged as cured	Cases on record under treatment as on 31.3.2010	Prevalence Rate/10,000 Population
	1	2	3	4	5	6
1	Andhra Pradesh	85062640.57	9012	9380	5110	0.60
2	Arunachal Pradesh	1342451.21	24	20	58	0.43
3	Assam	31084912.04	1176	1053	1239	0.40
4	Bihar	103504257.8	21431	21067	11221	1.08
5	Chhattisgarh	24117362.08	7641	7915	5304	2.20
6	Goa	1521789.748	86	169	58	0.38
7	Gujarat	60628339.62	7373	6699	5043	0.83
8	Haryana	26260487.7	365	485	375	0.14
9	Himachal Pradesh	7022950.592	164	181	150	0.21
10	Jharkhand	32415543.18	5345	5537	3183	0.98
11	Jammu & Kashmir	12631265.25	159	201	165	0.13
12	Karnataka	60778363.74	4408	4503	2995	0.49
13	Kerala	34512363.84	884	955	802	0.23
14	Madhya Pradesh	73320090.81	5592	5877	4589	0.63
15	Maharashtra	116036629.3	15071	15429	9984	0.86
16	Manipur	3017300.063	31	43	18	0.06
17	Meghalaya	2910451.795	20	11	33	0.11
18	Mizoram	1118685.348	10	12	15	0.13
19	Nagaland	3077102.247	79	47	79	0.26
20	Orissa	41895952.74	6481	7046	3679	0.88
21	Punjab	28519698.6	824	910	741	0.26
22	Rajasthan	70465288.2	1200	887	1346	0.19
23	Sikkim	696031.5952	20	22	22	0.32
24	Tamil Nadu	68293939.86	5046	4370	3571	0.52
25	Tripura	3635828.013	56	30	90	0.25
26	Uttar Pradesh	203763851.2	27473	27384	16484	0.81
27	Uttarakhand	9921270.091	587	671	376	0.38
28	West Bengal	92872501.47	11453	10887	8944	0.96
29	A & N Islands	440646.6486	15	20	15	0.34
30	Chandigarh	1216156.589	25	174	33	0.27
31	D & N Haveli	331865.8327	156	217	87	2.62
32	Daman & Diu	233276.316	2	8	2	0.09
33	Delhi	19297263.44	1448	1563	1330	0.69
34	Lakshadweep	69837.79063	2	0	2	0.29
35	Puducherry	1150533.752	58	49	47	0.41
<b>Total</b>		<b>1223166929</b>	<b>133717</b>	<b>133822</b>	<b>87190</b>	<b>0.71</b>

Note:

All detected cases are initiated treatment with MDT

Source: National Leprosy Eradication Programme, Dte.GHS / MOHFW, GOI.

### 3.1.1.26 States/UTs wise Number of Disease Alert/Outbreaks Reported & Respondent Through Integrated Disease Surveillance Project (IDSP) In 2010

S No.	States/UTs	Acute Diarrhoeal Disease	Food Poisoning	Measles	Chicken Pox	Dengue	Viral Fever	Malaria	Cholera	Chikungunya	Viral Hepatitis	Acute Encephalitis Syndrome	Enteric Fever
1		2	3	4	5	6	7	8	9	10	11	12	13
1	Andaman & Nicobar												
2	Andhra Pradesh	60	13	1				1					
3	Arunachal Pradesh	3		1				1					
4	Assam	18	8	1	1	2		7	4		1	6	2
5	Bihar	2	3	4	2	1	1	2			1	2	
6	Chandigarh					1							1
7	Chhattisgarh	1	1										
8	Dadra & N Haveli					1							
9	Daman & Diu		1										
10	Delhi												
11	Goa												
12	Gujarat	38	14	10	1	1	1		6	1	9	1	
13	Haryana	8	2		2			1	3		1		
14	Himachal Pradesh	3	1	2					1				
15	Jammu & Kashmir	1							1				
16	Jharkhand	1			1	1		1					
17	Karnataka	46	13		1	8	3	5	5	5			1
18	Kerala	6	20	2	7	4		2		2	5		3
19	Lakshadweep												
20	Madhya Pradesh	25	8	19	1		4	7	1	5			
21	Maharashtra	37	3	3		1	8	4	2	2	2		
22	Manipur											1	1
23	Meghalaya		1	1									
24	Mizoram												
25	Nagaland			1								1	
26	Orissa	7	3	4		1			1				
27	Puducherry					1			2	1			
28	Punjab	8	1		2				2		4		
29	Rajasthan	26	25	14	1	2	6	6	2	2			
30	Sikkim			2									
31	Tamil Nadu	51	6	5	3	9	6		3	6			
32	Tripura		1										
33	Uttar Pradesh	26	31	16	20	1	3						
34	Uttarakhand	6	6	4	2	3					1		2
35	West Bengal	38	27	4	3	3	8		1	1			
	Total	411	188	94	47	40	40	37	34	25	24	11	10

Contd.

Source: Integrated Disease Surveillance Project (IDSP) / NCDC, Dte.GHS, MOHFW, GOI.

### 3.1.1.26 States/UTs wise Number of Disease Alert/Outbreaks Reported & Respondent Through Integrated Disease Surveillance Project (IDSP) In 2010

S No.	State/UT	Leptospirosis	Dysentery	Kalazar	Mumps	Diphtheria	Epidemic dropsy	Meningitis	Pertussis	PUO	Rubella	Scrub Typhus	Total
		14	15	16	17	18	19	20	21	22	23	24	25
1	Andaman & Nicobar												0
2	Andhra Pradesh												75
3	Arunachal Pradesh		1										6
4	Assam					1		1				1	53
5	Bihar			2	1								21
6	Chandigarh												2
7	Chhattisgarh												2
8	Dadra & N Haveli												1
9	Daman & Diu												1
10	Delhi												0
11	Goa												0
12	Gujarat								1				83
13	Haryana						1						18
14	Himachal Pradesh												7
15	Jammu & Kashmir												2
16	Jharkhand												4
17	Karnataka	2											90
18	Kerala	1									1		53
19	Lakshadweep												0
20	Madhya Pradesh												70
21	Maharashtra	2	1										65
22	Manipur												2
23	Meghalaya												2
24	Mizoram												0
25	Nagaland												2
26	Orissa		1										19
27	Puducherry												4
28	Punjab				1								18
29	Rajasthan												84
30	Sikkim												2
31	Tamil Nadu	1											90
32	Tripura												2
33	Uttar Pradesh												98
34	Uttarakhand				1								25
35	West Bengal			1						1	1		89
	<b>Grand Total</b>	<b>6</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>990</b>

Source: Integrated Disease Surveillance Project (IDSP) / NCDC, Dte.GHS, MOHFW, GOI.

### 3.1.1.27 State/UT wise Cases and Deaths Due to Influenza A H1N1 in India 2010

S. No.	State/UT	Lab Confirmed Cases	Death of lab confirmed cases
		1 January 2010 to 31st December 2010	
1		2	3
1	Andhra Pr.	731	50
2	Arunachal Pr.	0	0
3	Assam	5	1
4	Bihar	0	0
5	Chhattisgarh	50	12
6	Goa	70	1
7	Gujarat	1682	360
8	Haryana	186	18
9	Himachal Pr.	10	3
10	Jammu & Kashmir	20	2
11	Jharkhand	1	0
12	Karnataka	2565	113
13	Kerala	1483	90
14	Madhya Pradesh	394	110
15	Maharashtra	5378	667
16	Manipur	1	0
17	Meghalaya	0	0
18	Mizoram	0	0
19	Nagaland	0	0
20	Orissa	92	29
21	Punjab	91	14
22	Rajasthan	1705	147
23	Sikkim	0	0
24	Tamil Nadu	1193	7
25	Tripura	0	0
26	Uttarakhand	23	7
27	Uttar Pradesh	391	29
28	West Bengal	121	4
29	A & N Islands	2	0
30	Chandigarh	75	0
31	D & N Haveli	2	0
32	Daman & Diu	0	0
33	Delhi	2725	77
34	Lakshadweep	0	0
35	Puducherry	50	6
<b>TOTAL</b>		<b>19046</b>	<b>1747</b>

Notes:

../NR Not Reported/Not Received

Source: Emergency Medical Relief Division, Directorate General of Health Services, MOHFW/GOI. Website: [www.mohfw-h1n1.nic.in](http://www.mohfw-h1n1.nic.in)

### 3.1.2 Non Communicable Diseases

#### 3.1.2.1 Number of Estimated Cases of Coronary Heart Disease in India 2000, 2005, 2010 & 2015 ICD - 10 Code I24.8, I25.1 & I25.9

S. No.	Age in years	2000			2005		
		Rural	Urban	Total	Rural	Urban	Total
	1	2	3	4	5	6	7
1	20-29	1799691	2711501	4511192	2012363	4138045	6150408
2	30-39	2854247	2635019	5489266	3383816	3869904	7253720
3	40-49	3342472	2776974	6119446	4217201	4116830	8334032
4	50-59	3590885	2288412	5879296	4544974	3171320	7716294
5	60-69	3153512	1888199	5041711	3849544	2582790	6432334
	<b>Total</b>	<b>14740808</b>	<b>12300104</b>	<b>27040912</b>	<b>18007899</b>	<b>17878889</b>	<b>35886789</b>

S. No.	Age in years	2010			2015		
		Rural	Urban	Total	Rural	Urban	Total
	1	2	3	4	5	6	7
1	20-29	2324772	5992412	8317184	2324087	8167924	10492011
2	30-39	3940722	5154766	9095489	4523697	7927846	12451542
3	40-49	5367797	5606731	10974527	5816588	8493463	14310051
4	50-59	5817363	4223273	10040636	6852050	6156089	13008140
5	60-69	4829922	3710938	8540860	5913624	5346975	11260599
	<b>Total</b>	<b>22280577</b>	<b>24688119</b>	<b>46968695</b>	<b>25430046</b>	<b>36092297</b>	<b>61522343</b>

Source: Source: Forecasting Vascular Disease Cases & Associated Mortality in India; NCMH Background Papers- Burden of Disease in India, 2005 (Latest)

#### 3.1.2.2 Age-Specific Prevalence Rates Estimated for Ischemic Heart Diseases (IHD) from the Studies Selected for DISMOD Analysis

S. No.	Age in years	Urban					
		Sample Size	Male No. of Cases	PR/1000	Sample Size	Female No. of Cases	PR/1000
	1	2	3	4	5	6	7
1	20-24	125	1	8.00	147	1	6.80
2	25-29	1374	27	19.65	1677	44	26.24
3	30-34	1584	27	17.05	2091	48	22.95
4	35-39	1459	63	43.18	1796	87	48.44
5	40-44	1418	67	47.25	1549	102	65.85
6	45-49	1093	91	83.26	1234	130	105.35
7	50-54	1053	98	93.07	1162	130	111.88
8	55-59	985	160	162.44	1054	161	152.75
9	60+	835	145	173.65	941	165	175.35

S. No.	Age in years	Urban					
		Sample Size	Male No. of Cases	PR/1000	Sample Size	Female No. of Cases	PR/1000
	1	2	3	4	5	6	7
1	20-24	285	5	17.54	191	2	10.47
2	25-29	512	7	13.67	624	9	14.42
3	30-34	888	11	12.39	1302	14	10.75
4	35-39	1011	19	18.79	1376	22	15.99
5	40-44	836	15	17.94	1033	24	23.23
6	45-49	724	15	20.72	954	37	38.78
7	50-54	675	21	31.11	722	36	49.86
8	55-59	937	25	26.68	825	42	50.91
9	60+	591	42	71.07	519	35	67.44

Source: Assessment of Burden of Non-Communicable Diseases, Indian Council of Medical Research 2006.(Latest)

### 3.1.2.3 Indices for Estimation of Burden of Ischemic Heart Diseases (I.H.D.)

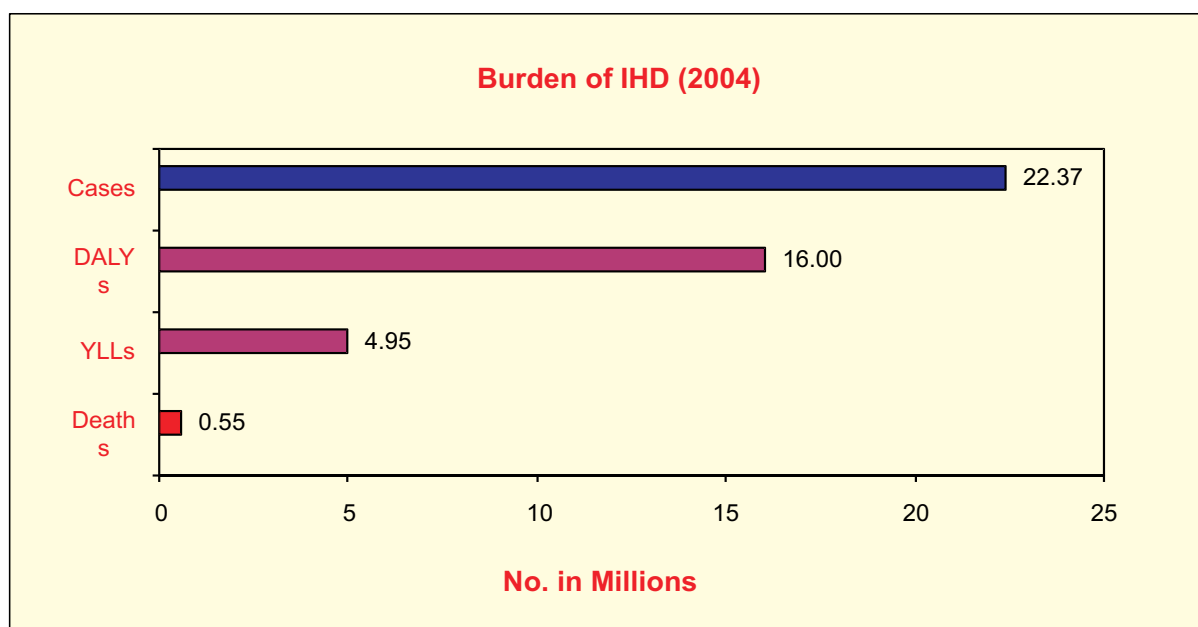
Indices	Urban	Rural
Prevalence rate / 1000 (age + 20 Years)	64.37	25.27
Death Rate	0.80	0.40
YLL / 100,000	728.70	351.50
DALY / 100,000	2703.40	986.20

Note: Prevalence Rate (Urban + Rural) =  $64.37(0.3) + 25.27(0.7) = 37.0$  per 1000

Source: Assessment of Burden of Non-Communicable Diseases, Indian Council of Medical Research 2006.(Latest)

### 3.1.2.4 Burden of Ischemic Heart Diseases (I.H.D.)

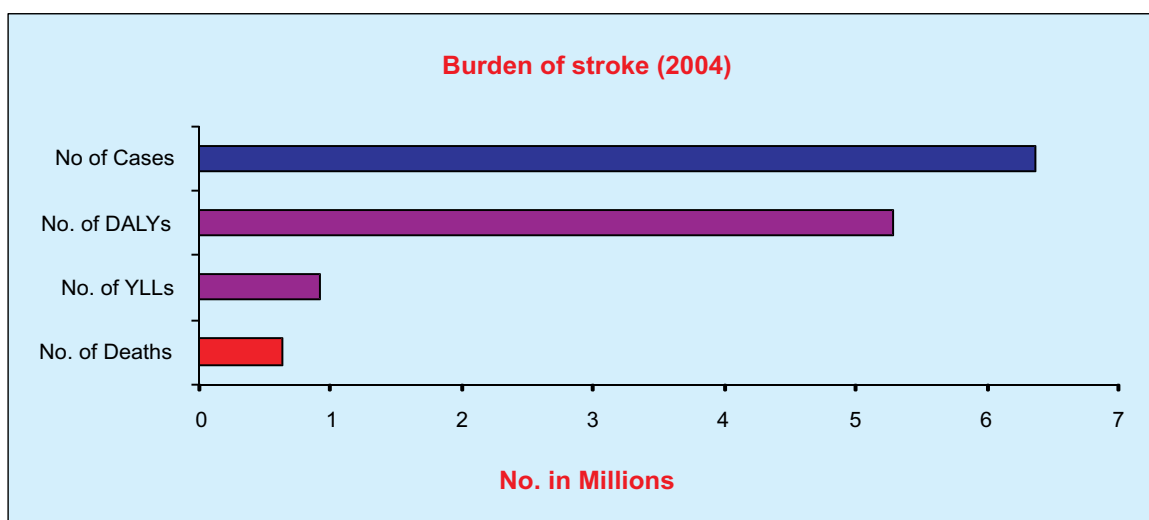
Year	1998			2004 (Latest)		
	Urban	Rural	Total	Urban	Rural	Total
No of Cases	9210381	9390559	18600940	11674208	10693632	22367840
No. of Deaths	207548	256014	463562	255782	298412	554194
No. of YLLs	1991451	2470149	4461600	2329851	2622299	4952150
No. of DALYs	7388453	6930974	14319427	8643450	7357358	16000808



Source: Assessment of Burden of Non-Communicable Diseases, Indian Council of Medical Research 2006.(Latest)

### 3.1.2.5 Burden of Stroke ICD - 10 Code A00

	1998	2004 (Latest)
No. of cases of stroke	7,92,628	9,30,985
No. of deaths	5,93,362	6,39,455
No. of YLL	48,18,740	52,89,357
No. of DALY	58,02,295	63,68,970



Source: Assessment of Burden of Non - Communicable Disease, Indian Council of Medical Research 2006. (Latest)

### 3.1.2.6 Meta Analysis of Epidemiological Studies on Hypertension ICD - 10 Code G46.3, G46.4, I61.9, I64, I67.9 & I 69.4

Investigator	Sample Size	Age group	PR/1000
URBAN			
Gupta R et al (1995)	2212	20-80	109.09
Chadha SL et al (1998)	13134	25-69	115.90
Thakur k et al (1999)	1727	30-80	131.10
Ahlawat SK et al (2002)	937	35+	449.00
Misra A et al (2001)	532	18+	116.00
Mohan V et al (2001)	1175	20-75	140.00
Swami HM et al (2002)	362	65+	580.00
Beegom R et al (1995)	1497	25-64	184.00
<b>Weighted prevalence rate Urban</b>			<b>164.20</b>
RURAL			
Reddy NK et al (2002)	3307	20+	280.00
Gupta R et al (1995)	1982	20+	273.00
Chadha SL et al (1998)	1732	25-69	35.80
<b>Weighted prevalence rate Rural</b>			<b>157.44</b>

Note:

Prevalence rate of hypertension in india (Urban + Rural) among adults (20 Year+) = 159.46 per thousand.

Source: Assessment of Burden of Non - Communicable Disease, Indian Council of Medical Research 2006. (Latest)

### 3.1.2.7 Number of Estimated Cases of Diabetes in India 2000, 2005, 2010 & 2015 ICD - 10 Code E10 - E14

S. No.	Age in years	2000			2005		
		Rural	Urban	Total	Rural	Urban	Total
	1	2	3	4	5	6	7
1	20-29	549102	1003310	1552412	609128	1209725	1818853
2	30-39	1425108	2567970	3993077	1518041	3126311	4644352
3	40-49	2232090	3882005	6114095	2488845	4968478	7457323
4	50-59	2628455	4188171	6816626	2966586	5394860	8361446
5	60-69	2053095	2783100	4836195	2237319	3445602	5682920
6	70+	1100412	1401300	2501712	1267086	1807951	3075038
	<b>Total</b>	<b>9988262</b>	<b>15825855</b>	<b>25814117</b>	<b>11087005</b>	<b>19952927</b>	<b>31039932</b>

S. No.	Age in years	2010			2015		
		Rural	Urban	Total	Rural	Urban	Total
	1	2	3	4	5	6	7
1	20-29	692391	1505267	2197658	704444	1695361	2399805
2	30-39	1558528	3744045	5302573	1658043	4776839	6434881
3	40-49	2707848	6358087	9065935	2793878	7989191	10783069
4	50-59	3310679	7010131	10320810	3628810	9182478	12811288
5	60-69	2537127	4522903	7060030	2837214	6002731	8839946
6	70+	1420910	2304049	3724959	1578669	2961490	4540160
	<b>Total</b>	<b>12227483</b>	<b>25444482</b>	<b>37671965</b>	<b>13201058</b>	<b>32608091</b>	<b>45809149</b>

Source: Forecasting Vascular Disease Cases & associated mortality in India; NCMH Background Papers- Burden of Disease in India, 2005 (Latest)

### 3.1.2.8 Burden of Diabetes

Year	1998			2004 (Latest)		
	Urban	Rural	Total	Urban	Rural	Total
No of Cases	16686891	14370120	31257011	21404225	16364177	37768402
No. of Deaths	51251	44299	95550	62506	46627	109133
No. of YLLs	529959	484983	1014942	646351	510471	1156822
No. of DALYs	1016866	971890	1988756	1240195	1022968	2263163

Source: Assessment of Burden of Non-Communicable Diseases, Indian Council of Medical Research 2006. (Latest)

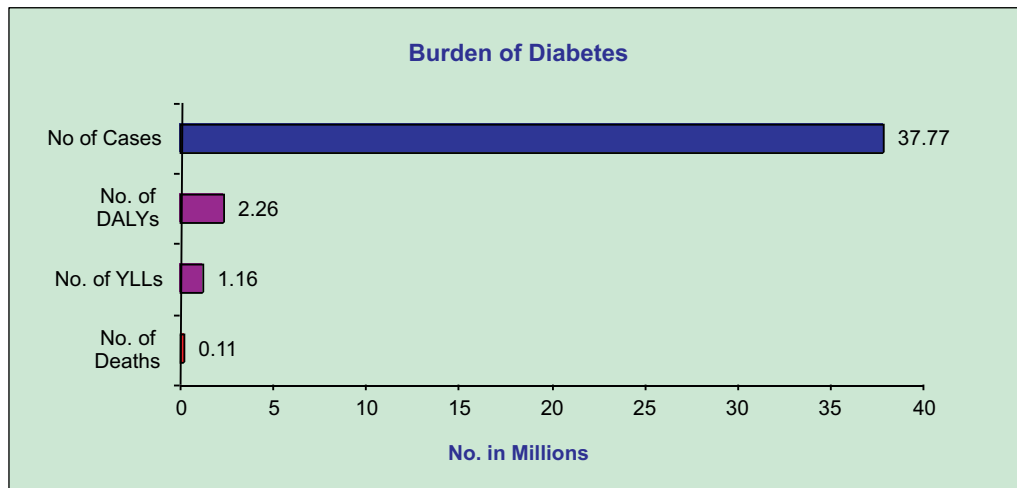
### 3.1.2.9 Odds Ratio / Risk Ratio associated with Diabetes as Risk Factor

Disease	Odds Ratio / Risk Ratio	Confidence Interval	Reference
AMI	2.64	-	Prem Pais et al (1996)
Cataract	8.55	3.63 - 20.12	Suresh et al (1998)
Neuropathy	1.40	1.20 - 6.40	Ashok et al (2002)
Stroke	1.70	1.10 - 2.60	R. Sridharan et al (1992)

Source: Assessment of Burden of Non-Communicable Diseases, Indian Council of Medical Research 2006. (Latest)

### 3.1.2.10 Attributable Risk Due to Diabetes

Disease	Attributable Risk
AMI	9
Cataract	4
Neuropathy	2
Stroke	32



Source: Assessment of Burden of Non-Communicable Diseases, Indian Council of Medical Research 2006. (Latest)

### 3.1.2.11 State/UT wise Estimated Prevalence of Blindness in India 2004 (Latest)

ICD - 10 Code B73

S. No.	State/ UT	Estimated prevalence per 1000 population				
		0-14 years	15-49 years	50+ years	Male	Female
	1	2	3	4	5	6
	<b>India</b>	<b>0.1</b>	<b>0.6</b>	<b>77.3</b>	<b>10.2</b>	<b>12.2</b>
1	Andhra Pradesh	0.1	0.7	89.2	12.4	14.3
2	Arunachal Pradesh	0.2	1.2	209.1	19.3	23.8
3	Assam	0.3	1.4	236.9	26.1	31.5
4	Bihar	0.1	0.4	55.6	6.6	8.1
5	Chattisgarh	0.1	0.8	111.2	13.7	16.6
6	Goa	0.1	0.7	98.7	13.6	15
7	Gujarat	0.1	0.5	72.1	9.2	11
8	Haryana	0.2	0.9	133.8	15.8	20
9	Himachal Pradesh	0.1	0.4	43.7	6.3	6.8
10	Jammu & Kashmir	0.1	0.9	130.4	14.2	16.1
11	Jharkhand	0.1	0.7	100.6	11.9	14.7
12	Karnataka	0.2	0.8	107.9	15.5	18
13	Kerala	0.1	0.2	27.8	5	5.5
14	Madhya Pradesh	0.1	0.6	80.1	9.9	12
15	Maharashtra	0.1	0.4	57	8.2	9.8
16	Manipur	0.1	0.7	105.1	12.3	13.7
17	Meghalaya	0.05	0.4	73.4	6.6	7.3
18	Mizoram	0.1	0.4	70.3	6.8	7.8
19	Nagaland	0.1	0.5	91.1	9	10.8
20	Orissa	0.1	0.6	84.6	12.2	14.2
21	Punjab	0.1	0.5	63.5	8.5	10.6
22	Rajasthan	0.1	0.8	109.5	13.1	16.1
23	Sikkim	0.05	0.3	60.2	5.6	6.7
24	Tamilnadu	0.1	0.3	38.3	6.8	7.9
25	Tripura	0.1	0.4	56.6	6.8	7.7
26	Uttar Pradesh	0.1	0.5	66.3	7.9	9.9
27	Uttaranchal	0.04	0.3	39.5	4.7	5.9
28	West Bengal	0.1	0.5	76.2	10.1	12.3
29	A & N Islands	0.1	0.5	117.9	9.1	11.8
30	Chandigarh	0.1	0.4	94.1	8.2	11
31	D & N Haveli	0.1	0.5	89.6	8.5	9.4
32	Daman & Diu	0.1	0.5	80.8	9.6	10.5
33	Delhi	0.1	0.5	102.5	9.5	11.9
34	Lakshadweep	0.04	0.3	43.2	5	5.5
35	Puducherry	0.1	0.4	51.3	7	7.6

Note:

- Estimates are based on various surveys conducted by the National Programme for Control of Blindness (NPCB)

Source: Centre for Chronic Disease Control, NCMH Background Papers- Burden of Disease in India, 2005 (Latest)

### 3.1.2.12 State/UT wise Estimated Incidences of Blindness in India 2004 (Latest)

ICD - 10 Code B73

S. No	State/ UT	Estimated number of new cases per year					
		0-14 years	15-49 years	Male	Female	Female	All Ages
1		2	3	4	5	6	7
	<b>India</b>	<b>6396</b>	<b>57565</b>	<b>2068087</b>	<b>1002063</b>	<b>1129985</b>	<b>2132048</b>
1	Andhra Pradesh	453	4075	146404	70938	79994	150932
2	Arunachal Pradesh	8	72	2574	1247	1407	2654
3	Assam	165	1486	53399	25874	29177	55050
4	Bihar	438	3946	141750	68683	77451	146134
5	Chattisgarh	175	1571	56450	27352	30844	58196
6	Goa	11	95	3430	1662	1874	3536
7	Gujarat	306	2757	99058	47997	54125	102122
8	Haryana	126	1134	40740	19740	22260	42000
9	Himachal Pradesh	44	393	14104	6834	7706	14540
10	Jammu & Kashmir	64	579	20789	10073	11359	21432
11	Jharkhand	206	1857	66705	32321	36447	68768
12	Karnataka	328	2953	106104	51411	57975	109386
13	Kerala	200	1802	64728	31363	35367	66730
14	Madhya Pradesh	339	3050	109577	53094	59872	112966
15	Maharashtra	569	5121	183993	89151	100533	189684
16	Manipur	17	151	5428	2630	2966	55596
17	Meghalaya	16	146	5248	2543	2867	5410
18	Mizoram	6	57	2058	997	11125	2122
19	Nagaland	11	102	3655	1771	1997	3768
20	Orissa	223	2003	71957	34866	39316	74182
21	Punjab	147	1325	47600	23064	26008	49072
22	Rajasthan	345	3103	111480	54016	6912	111928
23	Sikkim	4	34	1207	558	659	1244
24	Tamilnadu	383	3443	123689	59932	67582	127514
25	Tripura	25	227	8152	3950	4454	8404
26	Uttar Pradesh	1118	10060	361416	175119	197475	372594
27	Uttarakhand	56	503	18069	8755	9873	18628
28	West Bengal	498	4486	161177	78096	88066	166162
29	A & N Islands	3	23	832	403	455	858
30	Chandigarh	6	53	1921	931	1049	1980
31	D & N Haveli	1	11	411	199	225	424
32	Daman & Diu	1	8	301	146	164	310
33	Delhi	96	866	31129	15083	17009	32092
34	Lakshadweep	0	4	153	74	84	158
35	Puducherry	7	67	2398	1162	1310	2472

Note:

- Estimates are based on the National Programme for Control of Blindness (NPCB).

Source: Centre for Chronic Disease Control, NCMH Background Papers- Burden of Disease in India, 2005 (Latest)

### 3.1.2.13 Indices of Burden of Cancer in 2004 (Latest)

Indices	Males	Females
Population (In Thousands)	550404	515354
No.of Cases of Cancer	390809 (7.1%)	428545 (8.3%)
No. of Deaths	138622	121192
No. of YLLs	1396508	1617787
No of DALYs	2548392	3348444

Source: Assessment of Burden of Non-Communicable Diseases, Indian Council of Medical Research 2006.(Latest)

### 3.1.2.14 Crude Rate (CR), Age Adjusted Rate (AAR) and Truncated Rate (TR) Incidence Rates per 100,000 populations in different PBCR (2004-2005) & North East (2005-06):

S. No.	Registries	Males			Females		
		CR	AAR	TR	CR	AAR	TR
1.	Bangalore	68.10	99.40	147.70	91.40	120.80	239.80
2.	Barshi (Rural)	45.30	49.20	93.40	54.00	59.90	152.00
3.	Bhopal	61.60	93.60	156.10	67.40	96.10	206.00
4.	Chennai	97.20	110.40	198.30	109.80	119.70	257.40
5.	Delhi	72.80	119.50	203.50	82.40	117.10	253.10
6.	Mumbai	68.30	97.60	149.00	87.50	130.50	204.40
7.	Ahmedabad rural	49.90	67.50	132.70	37.00	43.10	97.40
8.	Kolkata*	74.50	71.90	129.00	84.00	79.20	174.60
9.	Dibrugarh Dt.	72.80	105.20	191.90	57.00	80.20	171.60
10.	Kamrup Urban Dt.	123.60	180.50	299.70	88.90	131.60	266.60
11.	Silchar Town	77.30	91.90	172.70	51.60	58.80	129.70
12.	Imphal West Dt.	84.60	106.30	177.60	108.00	124.80	240.10
13.	Mizoram State	123.70	191.50	358.60	102.00	155.00	283.20
14.	Aizawl District	169.70	269.00	470.70	137.30	208.40	385.10
15.	Mizoram State-Excl Aizawl	97.40	149.60	297.20	81.30	124.10	225.30

Note:

- Only 2005 data
- As per the registry of 2004-05, the leading site of cancer among males is lung Cancer followed by Cancer Stomach. Among females, Breast Cancer is the leading site of cancer followed by Cancer Cervix. In the North East, Stomach Cancer is the leading site among males followed by Oesophagus Cancer, Lung Cancer and Liver Cancer. Among the females though Breast and Cervix Cancer is the leading site, in Imphal & Mizoram the leading site is Lung Cancer, Stomach Cancer in Mizoram and Oesophageal Cancer in Silchar.

Source: Two - Year Report of the Population Based Cancer Registries (2001-04): Two - Year Report of the Population Based Cancer Registries under Northern Eastern Regional Cancer Registry (2006-06) of NCRP Bangalore.

### 3.1.2.14B Common Cancers in the Various PBCRs as per Age Adjusted Incidence Rates:

S. No.	Registries	Males			Females		
		1st Common	2nd Common	3rd Common	1st Common	2nd Common	3rd Common
1.	Bangalore	Ca Stomach (9.3)	Ca Lung (8.5)	Ca Oesophagus (7.0)	Breast Ca (30.9)	Ca Cervix uteri (18.8)	Ca Ovary (6.2)
2.	Barshi (Rural)	Ca Hypo-pharynx (3.8)	Ca Larynx (2.8)	Ca Oesophagus (2.6)	Ca Cervix uteri (22.8)	Breast Ca (9.4)	Ca Oesophagus (4.0)
3.	Bhopal	Ca Lung (10.1)	Ca Tongue(8.9)	Ca Mouth (8.8)	Breast Ca (24.6)	Ca Cervix uteri (17.7)	Ca Ovary (6.5)
4.	Chennai	Ca Lung (12.4)	Ca Stomach (11.9)	Ca Oesophagus (7.9)	Breast Ca (33.0)	Ca Cervix uteri (22.3)	Ca Stomach (5.6)
5.	Delhi	Ca Lung(13.5)	Ca Prostate (10.4)	Ca Larynx (8.5)	Breast Ca (31.4)	Ca Cervix uteri(17.4)	Ca Ovary (8.3)
6.	Mumbai	Ca Lung (8.7)	Ca Mouth (6.8)	Ca Prostate (6.8)	Breast Ca (29.3)	Ca Cervix uteri (13.4)	Ca Ovary (6.5)
7.	Ahmedabad rural	Ca Tongue (7.0)	Ca Mouth (6.9)	Ca Lung (6.6)	Breast Ca (9.2)	Ca Cervix uteri (7.9)	Ca Ovary (3.4)
8.	Kolkata*	Ca Lung (11.9)	Ca Larynx (5.4)	Ca Hypopharynx (3.3)	Ca Breast (20.6)	Ca Cervix Uteri (12.3)	Ca Ovary (4.6)
9.	Dibrugarh Dt.	Ca Oesophagus (19.6)	Ca Hypopharynx (13.4)	Ca Mouth (7.3)	Ca Oesophagus (12.8)	Ca Breast (10.4)	Ca Ovary (5.6)
10.	Kamrup Urban Dt.	Ca Oesophagus (34.4)	Ca Hypopharynx (19.9)	Ca Lung (15.0)	Breast Ca(17.5)	Ca Cervix uteri (17.3)	Ca Oesophagus (16.5)
11.	Silchar Town	Ca Lung (19.2)	Ca Hypopharynx (6.4)	Ca Larynx (5.9)	Ca Cervix uteri (12.1)	Ca Oesophagus (9.6)	Ca Breast(7.3)
12.	Imphal West Dt.	Ca Lung (22.8)	Ca Stomach (10.7)	Ca Oesophagus (7.3)	Ca Cervix uteri (20.5)	Ca Lung (17.7)	Ca Breast (14.6)
13.	Mizoram State	Ca Stomach (47.7)	Ca Lung (26.7)	Ca Oesophagus (20.5)	Ca Lung (26.7)	Ca Stomach (25.7)	Ca Cervix uteri (17.4)
14.	Aizawl District	Ca Stomach (58.8)	Ca Lung (42.5)	Ca Oesophagus (31.8)	Ca Lung (34.7)	Ca Stomach (28.9)	Ca Cervix uteri (25.4)
15.	Mizoram State- Excl Aizawl	Ca Stomach (41.6)	Ca Lung(18.4)	Ca Oesophagus (14.3)	Ca Stomach (23.8)	Ca Lung (22.1)	Ca Cervix uteri (12.6)
16.	Sikkim State	Ca Stomach (12.7)	Ca Oesophagus (9.8)	Ca Liver (8.5)	Ca Cervix uteri (10.9)	Ca Lung (9.7)	Ca Breast (6.8)

\* only 2005 Data

Age Adjusted Incidence Rates are given in parenthesis. AAR: Cancer incidence rate is generally expressed as Age Adjusted Rate or Age standardized Incidence Rates per 100,000 persons.

Source: Two Year Population Based Cancer Registry Report (2004-05) & North East Population Based Cancer Registry Report (2005-06).

### 3.1.2.15 Projected Cases of Cancer at India Level for Selected Sites and Selected Time Periods (2008-2010, 2015 & 2020)

S. No.	Site of Cancer	ICD - 10	Code	2008	2009	2010	2015	2020
1	2	3	4	5	6	7		
<b>Males</b>								
	<b>All Sites</b>	<b>C00-C96</b>		<b>447399</b>	<b>454842</b>	<b>462408</b>	<b>497081</b>	<b>534354</b>
1	Tongue	C01-C02		23932	24330	24735	26590	28584
2	Mouth	C03-C06		28066	29474	30921	38380	46785
3	Hypopharynx	C12-C13		14131	14366	14605	15700	16878
4	Oesophagus	C15		23573	23433	23281	22114	20642
5	Stomach	C16		24993	25408	25831	27768	29850
6	Colon	C18		11236	11423	11613	12484	13420
7	Rectum	C19-C20		11738	11933	12132	13041	14019
8	Liver	C22		14062	14295	14533	15623	16795
9	Gall Bladder	C23-C24		8396	8536	8678	9329	10028
10	Larynx	C32		24356	24761	25173	27060	29089
11	Lung	C33-C34		42863	43576	44301	47623	51194
12	Prostate	C61		25273	25693	26120	28079	30185
13	Brain NS	C70-C72		18238	18541	18850	20263	21782
14	NHL	C82-C95-C96		19835	20165	20501	22038	23690
15	Lymp. Leuk.	C91		9565	9724	9886	10627	11424
16	Myeloid Leuk.	C92-C94		11616	11809	12005	12905	13873

<b>Female</b>								
	<b>All Sites</b>	<b>C00-C96</b>		<b>498773</b>	<b>507990</b>	<b>517378</b>	<b>563808</b>	<b>614404</b>
1	Tongue	C01-C02		7687	7829	7974	8689	9469
2	Mouth	C03-C06		14402	14669	14940	16280	17741
3	Hypopharynx	C12-C13		4620	4706	4793	5223	5691
4	Oesophagus	C15		17755	18083	18417	20070	21871
5	Stomach	C16		12458	12689	12923	14083	15347
6	Colon	C18		10675	11276	11896	15206	19014
7	Rectum	C19-C20		9005	9172	9341	10180	11093
8	Liver	C22		7564	7943	8334	10412	12795
9	Gall Bladder	C23-C24		17839	18169	18505	20166	21975
10	Larynx	C32		3894	3966	4039	4401	4796
11	Lung	C33-C34		13009	13250	13494	14705	16025
12	Breast	C50		84805	87693	90659	106124	123634
13	Cervix	C53		100088	101938	103821	113138	123291
14	Corpus Uteri	C54		14314	14579	14848	16181	17633
15	Ovary	C56		29386	29929	30482	33218	36199
16	Brain NS	C70-C72		11232	11440	11651	12697	13836
17	Thyroid Gland	C73		11329	11538	11751	12806	13955
18	NHL	C82-C95-C96		11696	11913	12133	13222	14408
19	Lymp. Leuk.	C91		5703	5808	5916	6447	7025
20	Myeloid Leuk.	C92-C94		11070	11770	12492	16363	20828

Source: Time Trend in Cancer Incidence Rates, 1982-2005, National Cancer Registry Programme, ICMR, April 2009.

### 3.1.2.16 Average Annual Age Specific Incidence (I) and Mortality (M) Rates Per 100,000 Persons - All Sites of Cancer for all PBCRs

Age Group	Banglore		Barshi		Bhopal		Chennai		Delhi		Mumbai		Ahmedabad		Kolkata	
Males																
	I	M	I	M	I	M	I	M	I	M	I	M	I	M	I	M
0-4	9.0	1.4	7.6	3.8	7.3	0.6	13.5	2.0	14.1	1.6	9.0	3.9	5.6	1.7	12.5	0.8
5-9	8.2	1.6	8.9	3.6	6.1	0.0	13.7	4.5	11.2	1.4	7.5	3.1	4.1	1.5	4.1	0.0
10-14	7.0	2.3	2.7	1.4	7.5	0.5	8.9	3.5	10.8	1.8	8.6	2.5	6.8	3.1	10.3	0.5
15-19	6.8	1.5	10.3	5.1	10.0	3.5	12.9	3.6	12.6	1.5	9.2	2.9	7.4	3.4	10.0	1.3
20-24	10.8	3.3	7.1	14.1	10.4	2.2	14.5	4.8	14.1	1.6	8.1	2.4	13.2	2.5	9.9	1.2
25-29	13.1	4.0	11.1	8.3	17.1	4.6	17.2	6.7	18.1	2.5	12.3	3.1	8.0	1.5	9.7	2.1
30-34	19.6	6.3	23.1	11.5	29.0	9.2	29.8	13.6	29.2	2.6	22.8	5.4	19.8	10.6	26.7	7.8
35-39	33.2	9.6	34.9	20.4	38.1	19.4	39.2	16.3	40.4	3.7	36.0	12.1	30.0	12.6	31.8	7.4
40-44	42.2	14.9	30.2	26.9	74.5	24.5	90.8	38.6	72.7	7.3	60.2	22.8	61.1	28.2	49.2	15.0
45-49	94.9	40.7	74.3	26.2	106.0	37.0	133.7	62.5	132.0	14.9	98.8	40.0	107.1	45.7	108.3	28.5
50-54	166.1	60.7	116.1	58.1	184.4	90.5	243.8	114.5	242.1	29.7	171.2	77.3	198.8	89.5	154.0	40.5
55-59	307.5	141.7	173.4	70.9	291.1	128.1	379.2	178.8	351.2	39.1	267.3	134.5	208.1	87.9	229.1	59.9
60-64	373.7	142.6	196.3	158.6	360.0	128.9	457.2	233.3	555.6	56.2	381.2	203.0	274.1	113.8	293.9	110.1
65-69	597.1	249.1	157.8	85.6	465.8	183.4	584.6	271.8	602.9	59.2	499.5	302.4	292.8	129.4	335.3	161.9
70-74	655.8	318.0	280.3	215.1	635.9	206.8	592.3	316.6	727.6	75.4	660.2	453.9	334.1	150.6	415.7	232.1
75+	817.2	419.2	204.8	252.1	577.4	204.9	511.0	284.0	725.2	101.7	839.3	690.0	283.9	126.2	331.7	261.3
Females																
	I	M	I	M	I	M	I	M	I	M	I	M	I	M	I	M
0-4	6.5	0.4	8.7	4.4	6.6	4.0	15.7	3.3	8.6	1.0	5.5	2.4	5.3	2.0	6.7	0.8
5-9	4.4	1.3	1.9	1.9	2.2	0.6	6.8	0.9	5.5	0.5	4.9	2.1	0.6	0.6	6.0	0.7
10-14	6.9	1.2	0.0	1.6	3.9	0.0	7.8	2.8	5.5	1.0	5.4	2.5	2.5	0.6	5.9	1.1
15-19	7.1	1.8	2.4	0.0	8.9	0.6	6.4	1.2	9.7	1.1	7.2	2.8	3.9	1.9	6.6	2.0
20-24	10.5	1.9	5.9	3.0	6.3	1.9	15.4	4.1	16.5	1.4	10.4	2.0	6.3	1.4	13.2	2.0
25-29	19.2	4.4	8.0	2.7	22.4	7.2	27.1	6.9	26.3	2.0	15.2	3.9	10.1	5.4	25.0	2.5
30-34	37.1	10.7	11.2	8.4	42.2	7.0	42.0	10.8	42.9	2.9	37.4	11.8	24.5	7.9	34.9	9.0
35-39	68.2	14.5	56.5	17.0	51.5	11.4	85.4	19.9	76.1	7.2	62.8	17.6	41.9	10.5	82.3	10.0
40-44	133.0	29.3	108.3	40.1	110.3	32.4	163.5	44.8	144.7	8.5	129.8	39.0	79.7	19.4	124.2	23.0
45-49	223.0	52.7	166.3	95.8	190.1	51.6	232.0	66.9	219.4	17.7	178.8	59.3	137.3	38.3	178.5	42.8
50-54	282.3	82.5	222.0	111.0	310.2	59.2	340.3	109.8	337.2	29.2	261.1	96.5	127.1	40.0	219.3	59.7
55-59	449.1	140.4	248.6	215.0	251.4	52.2	416.2	144.2	387.4	33.4	307.8	139.8	96.3	36.4	223.5	77.4
60-64	419.9	142.7	155.2	131.7	429.2	89.1	431.8	154.6	492.5	43.1	392.8	187.8	111.6	37.2	277.7	107.5
65-69	524.1	191.5	138.5	89.6	326.9	100.3	439.5	162.7	451.3	38.9	390.2	220.9	130.6	33.4	245.2	121.0
70-74	615.9	244.5	202.5	234.9	388.1	127.5	490.6	187.9	450.8	50.5	505.0	312.3	136.6	37.3	319.2	209.9
75+	567.2	299.4	68.4	189.9	383.5	111.0	356.7	171.7	358.6	48.2	586.0	477.3	108.5	40.2	182.1	243.3

Source: Two - Year Report of the Population Based Cancer Registries (2004-05), Indian Council of Medical Research (December 2008)

For Detailed on Cancers related information, kindly refer to following four recent publications.

1. Assessment of Burden of Non-Communicable Diseases, Indian Council of Medical Research 2006.

2. National Cancer Registry Programme

2.1 Two - Year Report of the Population Based Cancer Registries (2004-05), Indian Council of Medical Research (December 2008)

2.2. Time Trend in Cancer Incidence Rates 1982 - 2005, Indian Council of Medical Research (April 2009)

2.3. Consolidated report of Hospital Based Cancer Registries, Indian Council of Medical Research (October 2009)

### 3.1.2.17 State/UT wise Percentage of Women and Men Aged 15-49 Using Any Kind of Tobacco, Smoke Cigarettes or Bidis in India by Sex

S. No.	State/UT	Smoking		Use any kind of Tobacco	
		Men	Women	MEN	Women
	<b>India</b>	32.7	1.4	57.0	10.8
	<b>North</b>				
1	Delhi	26.5	1.4	40.0	3.1
2	Haryana	39.8	2.6	46.3	3.3
3	Himachal Pradesh	33.6	1.1	40.0	1.2
4	Jammu & Kashmir	40.2	0.7	52.7	5.3
5	Punjab	20.9	0.5	33.8	0.8
6	Rajasthan	41.8	3.3	60.4	7.8
7	Uttaranchal	36.3	2.7	53.3	5.4
	<b>Central</b>				
8	Chattisgarh	31.8	0.2	68.6	25.2
9	Madhya Pradesh	40.2	0.5	68.5	16.0
10	Uttar Pradesh	35.5	2.4	64.3	12.1
	<b>East</b>				
11	Bihar	29.0	4.9	66.5	8.0
12	Jharkhand	19.4	0.6	61.7	11.6
13	Orissa	27.1	0.3	68.8	31.4
14	West Bengal	50.1	1.3	70.2	15.6
	<b>North-East</b>				
13	Assam	36.4	0.6	72.4	23.2
14	Arunachal Pradesh	31.4	3.1	62.6	27.2
15	Manipur	37.9	4.3	69.5	39.6
16	Meghalaya	60.0	1.9	69.2	31.9
17	Mizoram	73.6	16.1	83.4	60.8
18	Nagaland	39.3	0.3	67.9	28.1
19	Sikkim	33.3	5.4	61.8	18.7
20	Tripura	56.7	7.9	76.0	48.2
	<b>West</b>				
21	Goa	13.6	0.2	27.8	4.4
22	Gujrat	26.1	0.6	60.2	8.4
23	Maharashtra	17.7	0.1	48.2	10.5
	<b>South</b>				
24	Andhra Pradesh	32.5	0.5	42.8	5.2
25	Karnataka	27.9	0.1	44.7	4.8
26	Kerala	35.8	0.1	43.5	1.8
27	Tamil Nadu	31.2	0.0	40.1	2.8

Source: National Family Health Survey-(NHFS-3) - India; Volume I, Table 13.10, Page 433 (2005-06), MOHFW/GOI.

### 3.1.2.18 Mental Health Case Load in India July 2002 (Latest)

S. No.	State	Population @	Density/Sq. Km. \$	Estimated Case Load #	
				Mental Disorders	
				Major	Minor
	1	2	3	4	5
1	Andhra Pradesh	75727541	275	757275	3766375
2	Arunachal Pradesh	1091117	13	10911	54555
3	Assam	26638407	340	266384	1331720
4	Bihar	82878796	880	828787	4143935
5	Chhattishgarh	20795956	154	207959	1049795
6	Goa	1343998	363	13439	77195
7	Gujarat	50596992	258	505969	2529845
8	Haryana	21082989	477	210829	1054145
9	Himachal Pradesh	6077248	109	60772	303860
10	Jharkhand	26909428	338	269094	1345470
11	Jammu & Kashmir	10069917	99	100699	503495
12	Karnatka	52733958	275	527339	2636695
13	Kerala	31838619	819	318386	1591930
14	Madhya Pradesh	60388118	196	603881	3019405
15	Maharashtra	96752247	314	967522	4837610
16	Manipur	2388634	107	23886	119430
17	Meghalya	2306069	103	23060	115300
18	Mizoram	891058	93	8910	44550
19	Nagaland	1988636	120	19886	99430
20	Orrisa	36706920	236	367069	1835345
21	Punjab	24289296	482	242892	1114460
22	Rajsthan	56473122	165	564731	2823655
23	Sikkim	540493	78	5404	27020
24	Tamil Nadu	62110839	478	621108	3105540
25	Tripura	3191168	304	31911	159555
26	Uttarakhand	8479562	159	84795	423975
27	Uttat pradesh	166052859	689	1660528	8302640
28	West Bengal	80221171	904	802211	4011055
29	A & N islands	356265	43	3562	18810
30	Chandigarh	900914	7903	9009	45045
31	Daman & Diu, Dadra & Nagar Haveli	158059,220451	1411,449	3785	18925
32	Delhi	13782976	9294	137829	689145
33	Lakshdweep	60595	1894	605	3025
34	Pudducherry	973829	2029	9738	48690
<b>Total</b>				<b>10270165</b>	<b>51251625</b>

#### Notes

@ The population figures haven been taken from the Census of India-2001 as published in Provisional Population Totals (Registrar General Census Commissioner, India).

\$ Population density per sqare Kilometre together with geographical terrain is a useful input in planning deployment of mental health resources.

# Case-load in respect to major mental disorders has been calculated at the rate of 1% of the population and that of minor mental disorders at the rate of 5 % of population.

Information related to infrastructure is available in Chapter IV

Source: National Survey of Mental Health Resources carried out by the Directorate General of Health Services, Minisitry of Health and Family Welfare, Government of India, during May and July 2002 and published in Mental Health An Indian Perspective 1946-2003 DreGHS/MOHFW/GOI.

### 3.1.3 Incidence of Deaths due to Accidents in India 2003-2009 (Latest)

S. No.	Causes	No. of Deaths						
		2003	2004	2005	2006	2007	2008	2009
	1	2	3	4	5	6	7	8
<b>1</b>	<b>A. Natural Clamity</b>	<b>14954</b>	<b>18937</b>	<b>22415</b>	<b>21502</b>	<b>25153</b>	<b>23993</b>	<b>22255</b>
<b>2</b>	<b>B. Un-Natural Causes</b>	<b>244671</b>	<b>258326</b>	<b>271760</b>	<b>293202</b>	<b>315641</b>	<b>318316</b>	<b>334766</b>
	1. Air-Crash	51	23	6	2	11	19	12
	2. Collapse of Structures	2376	2169	2718	2399	2623	2833	2847
	3. Drowning	20960	21190	23571	25571	27064	27206	25911
	4. Electrocution	6336	6224	6987	7619	8076	8067	8539
	5. Explosions	722	601	643	824	669	792	668
	6. Falls	8800	8448	9132	9821	10497	10637	10622
	7. Factory/Machine accidents	712	715	671	869	836	858	1044
	8. Fire	19278	18445	19093	19222	20772	22454	23268
	9. Fire Arms	1993	2283	2254	2161	2046	1639	1504
	10. Sudden Deaths	16749	17413	18519	19450	21311	22738	24836
	11. Killed by Animals	798	788	847	864	1007	827	962
	12. Mines or quarry disaster	550	456	456	409	435	371	423
	13. Poisoning	21172	22035	20800	23434	25447	24261	26634
	14. Stampede	83	31	346	18	75	434	110
	15. Suffocation	1144	1218	1549	1696	1313	1496	1257
	16. Traffic accidents	102951	111794	118265	131652	140560	144587	152689
	17. Other Causes	27591	30409	31389	32478	35992	35135	35906
	18. Causes Not Known	12405	14084	14514	14713	16907	13962	17534
	<b>Total (Natural+Unnatural)</b>	<b>259625</b>	<b>277263</b>	<b>294175</b>	<b>314704</b>	<b>340794</b>	<b>342309</b>	<b>357021</b>

Data is Provisional

Source: Accident Deaths and suicides in India report, National Crime Records Bureau, Ministry of Home Affairs.(Latest)

### 3.1.4 State/UT wise Proportion of Disabled Population by Type of Disability in India 2001 (Census)

S. NO.	State/UT	Visual Disability	Speech Disability	Hearing Disability	Locomotor Disability	Mental Disability	Total
1	2	3	4	5	6	7	
	<b>India</b>	<b>10634881</b>	<b>1640868</b>	<b>1261722</b>	<b>6105477</b>	<b>2263821</b>	<b>21906769</b>
1	Andhra Pradesh	581587	138974	73373	415848	155199	1364981
2	Arunachal Pradesh	23079	2429	3072	3474	1261	33315
3	Assam	282056	56974	51825	91970	47475	530300
4	Bihar	1005605	130471	73970	512246	165319	1887611
5	Chattisgarh	160131	30438	34093	151611	43614	419887
6	Goa	4393	1868	1000	4910	3578	15749
7	Gujarat	494624	66534	70321	310765	103221	1045465
8	Haryana	201358	24920	27682	151485	49595	455040
9	Himachal Pradesh	64122	12762	15239	46512	17315	155950
10	Jammu & Kashmir	208713	16956	14157	37965	24879	302670
11	Jharkhand	186216	39683	28233	138323	55922	448377
12	Karnataka	440875	90717	49861	266559	92631	940643
13	Kerala	334622	67066	79713	237707	141686	860794
14	Madhya Pradesh	636214	75825	85354	495878	115257	1408528
15	Maharashtra	580930	113043	92390	569945	213274	1569582
16	Manipur	11713	2769	2994	6177	4723	28376
17	Meghalaya	13381	3431	3668	5127	3196	28803
18	Mizoram	6257	2006	2421	2476	2851	16011
19	Nagaland	9968	4398	5245	4258	2630	26499
20	Orissa	514104	68673	84115	250851	103592	1021335
21	Punjab	170853	22756	17348	149758	63808	424523
22	Rajasthan	753962	73147	75235	400577	109058	1411979
23	Sikkim	10790	3174	3432	2172	799	20367
24	Tamil Nadu	964063	124479	72636	353798	127521	1642497
25	Tripura	27505	5105	5699	13970	6661	58940
26	Uttar Pradesh	1852071	255951	128303	930580	286464	3453369
27	Uttarakhand	85668	16749	15990	56474	19888	194769
28	West Bengal	862073	170022	131579	412658	270842	1847174
29	A&N Island	3321	652	545	1870	669	7057
30	Chandigarh	8422	882	607	3828	1799	15538
31	D & N Haveli	2346	295	337	795	275	4048
32	Daman & Diu	1898	189	120	690	274	3171
33	Delhi	120712	15505	8741	64885	26043	235886
34	Lakshadweep	603	207	147	505	216	1678
35	Puducherry	10646	1818	2277	8830	2286	25857

Note : India and Manipur figures exclude those of the three sub-divisions viz. Mao Maram, Paomata and Purul of Senapati district of Manipur as census results of 2001 in these three sub-divisions were cancelled due to technical and administrative reasons.

Source: Registrar General of India.

### 3.1.5 State/UT wise Cases and Deaths Due to Snake Bite in India 2009

(Revised based on information received from states/UTs after the release of NHP 2009)

S. No.	State/UT	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	14171	66	8712	59	22883	125	Dec., 09
2	Arunachal Pr.	0	0	0	0	0	0	Dec., 09 except Aug.&Sept.
3	Assam	102	1	68	1	170	2	Dec., 09
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	437	18	303	14	740	32	Dec., 09
6	Goa	620	4	354	1	974	5	Dec., 09
7	Gujarat	1475	41	1221	40	2696	81	Dec., 09
8	Haryana	607	13	269	2	876	15	Dec., 09
9	Himachal Pr.	578	16	699	18	1277	34	Dec., 09
10	Jammu Div.	860	1	485	0	1345	1	Dec., 09
	Kashmir Div.	154	0	176	0	330	0	Dec., 09
11	Jharkhand	295	1	142	1	437	2	Dec., 09
12	Karnataka	2945	39	1554	22	4499	61	Dec., 09
13	Kerala	..	..	..	..	4610	29	Dec., 09
14	Madhya Pradesh	1093	68	688	39	1781	107	Dec., 09
15	Maharashtra	4753	29	3892	23	8645	52	Dec., 09
16	Manipur	16	0	12	1	28	1	Dec., 09
17	Meghalaya	0	0	0	0	0	0	Dec., 09
18	Mizoram	136	0	60	0	196	0	Dec., 09
19	Nagaland	91	0	44	0	135	0	Dec., 09
20	Orissa	3339	87	2180	57	5519	144	Dec., 09
21	Punjab	570	21	211	1	781	22	Dec., 09
22	Rajasthan	4634	50	3691	56	8325	106	Dec., 09
23	Sikkim	57	0	24	0	81	0	Dec., 09
24	Tamil Nadu	7287	29	5035	21	12322	50	Dec., 09
25	Tripura	174	0	87	0	261	0	Dec., 09
26	Uttarakhand	153	6	148	6	301	12	Dec., 09
27	Uttar Pradesh	999	20	822	21	1821	41	Dec., 09
28	West Bengal	10667	170	7266	113	17933	283	Dec., 09
29	A & N Islands	147	0	53	0	200	0	Dec., 09
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	513	2	548	1	1061	3	Dec., 09
32	Daman & Diu	33	0	27	1	60	1	Dec., 09
33	Delhi	31	2	22	3	53	5	Dec., 09
34	Lakshadweep	..	..	..	..	..	..	NR
35	Puducherry	1456	1	960	4	2416	5	Dec., 09
<b>Total</b>		<b>58393</b>	<b>685</b>	<b>39753</b>	<b>505</b>	<b>102756</b>	<b>1219</b>	

Notes:

../NR Not Reported/Not received

- The sum of male and female may not tally with the total figure as some States/UTs have not reported genderwise information separately.

Source : Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

### 3.1.5 State/UT wise Cases and Deaths Due to Snake Bite in India 2010 (Provisional)

Sl.	State/UT.	Male		Female		Total		Reference Period up to
		Cases	Deaths	Cases	Deaths	Cases	Deaths	
1	Andhra Pr.	14769	94	9343	53	24112	147	Dec.,10
2	Arunachal Pr.	25	0	17	0	42	0	Dec.,10
3	Assam	186	0	32	0	218	0	Apr.,10
4	Bihar	..	..	..	..	..	..	NR
5	Chhattisgarh	361	20	231	11	592	31	Dec.,10
6	Goa	596	0	301	0	897	0	Dec.,10
7	Gujarat	1146	24	769	26	1915	50	Dec.,10
8	Haryana	564	6	235	2	799	8	Dec.,10
9	Himachal Pr.	439	17	429	11	868	28	Dec.,10
10	Jammu Div.	845	0	506	0	1351	0	Dec.,10
	Kashmir Div.	28	0	11	0	39	0	Dec.,10
11	Jharkhand	69	2	62	3	131	5	Nov.,10
12	Karnataka	3248	30	2132	17	5380	47	Nov.,10
13	Kerala	1133	10	795	5	1928	15	Dec.,10
14	Madhya Pradesh	774	59	531	36	1305	95	Dec.,10
15	Maharashtra	7343	55	5233	42	12576	97	Dec.,10
16	Manipur	26	0	14	1	40	1	Dec.,10
17	Meghalaya	0	0	0	0	0	0	Sept.,10
18	Mizoram	122	0	48	0	170	0	Dec.,10
19	Nagaland	106	0	64	0	170	0	Dec.,10
20	Orissa	2288	64	1490	44	3778	108	Dec.,10
21	Punjab	918	14	323	5	1241	19	Dec.,10
22	Rajasthan	1128	24	833	7	1961	31	Dec.,10
23	Sikkim	72	0	46	0	118	0	Nov.,10
24	Tamil Nadu	11431	51	7721	34	19152	85	Dec.,10
25	Tripura	74	2	42	1	116	3	July,10
26	Uttarakhand	70	0	79	4	149	4	Dec.,10
27	Uttar Pradesh	382	21	297	19	679	40	Dec.,10
28	West Bengal	5217	80	3551	76	8768	156	Oct.,10
29	A & N Islands	77	0	18	0	95	0	Oct.,10
30	Chandigarh	..	..	..	..	..	..	NR
31	D & N Haveli	494	1	479	0	973	1	Dec.,10
32	Daman & Diu	36	0	25	0	61	0	Dec.,10
33	Delhi	50	3	24	2	74	5	Dec.,10
34	Lakshadweep	0	0	0	0	0	0	Dec.,10
35	Puducherry	1864	4	1251	5	3115	9	Dec.,10
<b>Total</b>		<b>55881</b>	<b>581</b>	<b>36932</b>	<b>404</b>	<b>92813</b>	<b>985</b>	

Note :

The data is strictly provisional and the above number of cases and deaths may increase or decrease as the same is continually revised in the Online reports by States/UTs.

../NR Not Reported/Not Received

Source: Monthly Health Condition Reports from Directorate of Health Services of States/UTs.

## 3.2 Reproductive and Child Health

### 3.2.1 State/UT wise Ante Natal Care in India

S. No.	State/UT	Ante natal care indicators five year preceeding the NFHS survey (2005-06)		
		Mothers who had at least 3 antenatal care visits for their last birth (%)	Mothers who consumed IFA for 90 days or more when they were pregnant with their last child (%)	Mothers who received two or more TT injections during the pragnancy (%)
	1	2	3	4
	<b>India</b>	<b>52.0</b>	<b>23.1</b>	<b>76.3</b>
1	Andhra Pradesh	85.4	41.2	85.3
2	Arunachal Pradesh	35.5	11.2	40.1
3	Assam	39.3	16.2	65.4
4	Bihar	17.0	9.7	73.2
5	Chattisgarh	54.2	20.7	74.6
6	Goa	94.9	68.6	86.8
7	Gujarat	67.5	37.0	80.4
8	Haryana	59.2	26.7	83.4
9	Himachal Pradesh	62.6	37.9	72.1
10	Jammu & Kashmir	73.5	27.6	81.0
11	Jharkhand	35.9	14.2	67.6
12	Karnataka	79.5	39.3	78.6
13	Kerala	93.6	75.1	88.7
14	Madhya Pradesh	40.7	12.4	70.6
15	Maharashtra	75.1	31.4	85.1
16	Manipur	68.6	13.1	79.2
17	Meghalaya	54.0	16.7	51.8
18	Mizoram	59.3	24.7	51.4
19	Nagaland	32.7	3.5	50.7
20	Orissa	61.8	33.8	83.3
21	Punjab	74.8	27.9	83.8
22	Rajasthan	41.2	13.1	65.2
23	Sikkim	70.1	38.7	81.1
24	Tamil Nadu	95.9	41.6	95.9
25	Tripura	60.0	18.0	74.9
26	Uttar Pradesh	26.6	8.8	64.5
27	Uttarakhand	44.9	26.4	68.5
28	West Bengal	62.0	25.7	90.9
29	A&N Island	..	..	..
30	Chandigarh	..	..	..
31	D & N Haveli	..	..	..
32	Daman & Diu	..	..	..
33	Delhi	75.1	39.5	90.3
34	Lakshadweep	..	..	..
35	Puducherry	..	..	..

Note:

.. Survey not conducted

Source: National Family Health Survey-III (2005-06), MOHFW/GOI

### 3.2.2 State/UT wise Percentage of Deliveries Attended by Trained Personnel in India

S. No.	State/UT	Maternity care (for births in the preceding 5 years of the survey)	
		Births assisted by a doctor/nurse/LHV/ANM/other health personnel (%)	Institutional births (%)
1		2	3
	<b>India</b>	<b>46.6</b>	<b>38.7</b>
1	Andhra Pradesh	74.9	64.4
2	Arunachal Pradesh	30.2	28.5
3	Assam	31.0	22.4
4	Bihar	29.3	19.9
5	Chattisgarh	41.6	14.3
6	Goa	94.0	92.3
7	Gujarat	63.0	52.7
8	Haryana	48.9	35.7
9	Himachal Pradesh	47.8	43.0
10	Jammu & Kashmir	56.5	50.2
11	Jharkhand	27.8	18.3
12	Karnataka	69.7	64.7
13	Kerala	99.4	99.3
14	Madhya Pradesh	32.7	26.2
15	Maharashtra	68.7	64.6
16	Manipur	59.0	45.9
17	Meghalaya	31.1	29.0
18	Mizoram	65.4	59.8
19	Nagaland	24.7	11.6
20	Orissa	44.0	35.6
21	Punjab	68.2	51.3
22	Rajasthan	41.0	29.6
23	Sikkim	53.7	47.2
24	Tamil Nadu	90.6	87.8
25	Tripura	48.8	46.9
26	Uttar Pradesh	27.2	20.6
27	Uttarakhand	38.5	32.6
28	West Bengal	47.6	42.0
29	A&N Island	..	..
30	Chandigarh	..	..
31	D & N Haveli	..	..
32	Daman & Diu	..	..
33	Delhi	64.1	58.9
34	Lakshadweep	..	..
35	Puducherry	..	..

Notes:

The same table in NHP 2007 was for the births in the last 3 years but inadvertently printed for the births in the last 5 years

.. Survey not conducted

Source: National Family Health Survey-III (2005-06), MOHFW/GOI

### 3.2.3 State/UT wise Percentage of Couples using Contraceptives in India

S. No.	State/UT	Family Planning (currently married women, age 15–49)						
		Any method (%)	Any modern method (%)	Female sterilization (%)	Male sterilization (%)	IUD (%)	Pill (%)	Condom (%)
	1	2	3	4	5	6	7	8
	India	56.3	48.5	37.3	1.0	1.7	3.1	5.2
1	Andhra Pradesh	67.6	67.0	62.9	2.9	0.5	0.3	0.5
2	Arunachal Pradesh	43.2	37.3	22.5	0.1	3.4	8.1	2.8
3	Assam	56.5	27.0	13.0	0.2	1.3	10.3	2.3
4	Bihar	34.1	28.8	23.8	0.6	0.6	1.3	2.3
5	Chattisgarh	53.2	49.1	40.7	3.3	0.8	1.4	2.9
6	Goa	48.2	37.2	25.8	0.1	2.2	1.5	7.5
7	Gujarat	66.6	56.5	42.9	0.6	4.4	2.6	5.8
8	Haryana	63.4	58.3	38.2	0.7	4.7	2.8	11.8
9	Himachal Pradesh	72.6	71.0	49.0	6.3	1.4	2.7	11.5
10	Jammu & Kashmir	52.6	44.9	26.3	2.6	2.7	4.7	8.0
11	Jharkhand	35.7	31.1	23.4	0.4	0.6	3.8	2.7
12	Karnataka	63.6	62.5	57.4	0.2	2.5	0.8	1.7
13	Kerala	68.6	57.9	48.7	1.0	2.3	0.4	5.5
14	Madhya Pradesh	55.9	52.8	44.3	1.3	0.7	1.7	4.8
15	Maharashtra	66.9	64.9	51.1	2.1	3.0	2.4	6.2
16	Manipur	48.7	23.6	8.2	0.5	5.3	5.3	4.1
17	Meghalaya	24.3	18.5	9.5	0.1	1.5	4.9	2.4
18	Mizoram	59.9	59.6	42.9	0.0	4.7	10.6	1.4
19	Nagaland	29.7	22.5	9.9	0.0	5.2	4.7	2.6
20	Orissa	50.7	44.7	33.1	1.0	0.5	7.0	3.0
21	Punjab	63.3	56.1	30.8	1.2	5.5	2.9	15.5
22	Rajasthan	47.2	44.4	34.2	0.8	1.6	2.0	5.7
23	Sikkim	57.6	48.7	21.2	4.5	3.0	12.8	4.1
24	Tamil Nadu	61.4	60.0	55.0	0.4	2.1	0.2	2.3
25	Tripura	65.7	44.9	17.6	0.5	0.9	21.8	3.2
26	Uttar Pradesh	43.6	29.3	17.3	0.2	1.4	1.7	8.6
27	Uttarakhand	59.3	55.5	32.1	1.8	1.5	4.2	15.7
28	West Bengal	71.2	49.9	32.2	0.7	0.6	11.7	4.3
29	A&N Island	..	..	..	..	..	..	..
30	Chandigarh	..	..	..	..	..	..	..
31	D & N Haveli	..	..	..	..	..	..	..
32	Daman & Diu	..	..	..	..	..	..	..
33	Delhi	66.9	56.5	23.0	0.8	5.0	4.5	22.9
34	Lakshadweep	..	..	..	..	..	..	..
35	Puducherry	..	..	..	..	..	..	..

Note:

.. Survey not conducted

Source: National Family Health Survey-III (2005-06), MOHFW/GOI

### 3.2.4 State/UT wise Percentage of Children Breastfed in India and their Nutritional Status

S.No.	State/UT	Child Feeding Practices and Nutritional Status of Children					
		Children breastfed within one hour of birth (%)	Children age 0-5 months exclusively breastfed (%)	Children age 6-9 months receiving solid or semi-solid food and breastmilk (%)	Children under 5 years who are stunted (%)	Children under 5 years who are wasted (%)	Children under 5 years who are underweight (%)
	1	2	3	4	5	6	7
	India	24.5	46.3	55.8	48.0	19.8	42.5
1	Andhra Pradesh	24.6	62.7	63.7	42.2	12.2	32.5
2	Arunachal Pradesh	58.6	60.0	77.6	43.3	15.3	32.5
3	Assam	50.9	63.1	59.6	46.5	13.7	36.4
4	Bihar	3.7	27.9	57.3	55.6	27.1	55.9
5	Chattisgarh	25.0	82.0	54.5	52.9	19.5	47.1
6	Goa	59.4	17.7	69.8	25.6	14.1	25.0
7	Gujarat	27.8	47.8	57.1	51.7	18.7	44.6
8	Haryana	22.1	16.9	44.8	45.7	19.1	39.6
9	Himachal Pradesh	45.4	27.1	66.0	38.6	19.3	36.5
10	Jammu & Kashmir	31.6	42.3	58.3	35.0	14.8	25.6
11	Jharkhand	10.7	57.8	65.3	49.8	32.3	56.5
12	Karnataka	35.7	58.0	72.5	43.7	17.6	37.6
13	Kerala	56.5	56.2	93.6	24.5	15.9	22.9
14	Madhya Pradesh	15.9	21.6	51.9	50.0	35.0	60.0
15	Maharashtra	52.0	53.0	47.8	46.3	16.5	37.0
16	Manipur	57.8	61.7	78.1	35.6	9.0	22.1
17	Meghalaya	57.8	26.3	76.3	55.1	30.7	48.8
18	Mizoram	66.4	46.1	84.6	39.8	9.0	19.9
19	Nagaland	54.2	29.2	71.0	38.8	13.3	25.2
20	Orissa	54.8	50.2	67.5	45.0	19.5	40.7
21	Punjab	12.7	36.0	50.0	36.7	9.2	24.9
22	Rajasthan	14.1	33.2	38.7	43.7	20.4	39.9
23	Sikkim	42.9	37.2	89.6	38.3	9.7	19.7
24	Tamil Nadu	58.8	33.3	77.9	30.9	22.2	29.8
25	Tripura	34.6	36.1	59.8	35.7	24.6	39.6
26	Uttar Pradesh	7.3	51.3	45.5	56.8	14.8	42.4
27	Uttarakhand	33.5	31.2	51.6	44.4	18.8	38.0
28	West Bengal	23.5	58.6	55.9	44.6	16.9	38.7
29	A&N Island	..	..	..	..	..	..
30	Chandigarh	..	..	..	..	..	..
31	D & N Haveli	..	..	..	..	..	..
32	Daman & Diu	..	..	..	..	..	..
33	Delhi	21.0	34.5	59.8	42.2	15.4	26.1
34	Lakshadweep	..	..	..	..	..	..
35	Puducherry	..	..	..	..	..	..

Note:

.. Survey not conducted

Source: National Family Health Survey-III (2005-06), MOHFW/GOI.

### 3.2.5 State/UT wise Percentage of Children Immunized In India

S.No.	State/UT	Immunization of Child between 12-23 months old					
		Fully immunized (BCG, measles, and 3 doses each of polio/DPT) (%)	Received BCG (%)	Received 3 doses of polio vaccine (%)	Received 3 doses of DPT vaccine (%)	Received measles vaccine (%)	No Immunisation
	1	2	3	4	5	6	7
	India	43.5	78.1	78.2	55.3	58.8	5.1
1	Andhra Pradesh	46.0	92.9	79.2	61.4	69.4	3.8
2	Arunachal Pradesh	28.4	57.7	55.8	39.3	38.3	24.1
3	Assam	31.4	62.4	59.0	44.9	37.4	15.2
4	Bihar	32.8	64.7	82.4	46.1	40.4	7.0
5	Chattisgarh	48.7	84.6	85.1	62.8	62.5	2.5
6	Goa	78.6	96.8	87.2	87.5	91.2	0.0
7	Gujarat	45.2	86.4	65.3	61.4	65.7	4.5
8	Haryana	65.3	84.9	82.8	74.2	75.5	7.8
9	Himachal Pradesh	74.2	97.2	88.6	85.1	86.3	1.9
10	Jammu & Kashmir	66.7	90.9	82.2	84.5	78.3	4.5
11	Jharkhand	34.2	72.7	79.3	40.3	47.6	4.4
12	Karnataka	55.0	87.8	73.8	74.0	72.0	6.9
13	Kerala	75.3	96.3	83.1	84.0	82.1	1.8
14	Madhya Pradesh	40.3	80.5	75.6	49.8	61.4	5.0
15	Maharashtra	58.8	95.3	73.4	76.1	84.7	2.8
16	Manipur	46.8	80.0	77.5	61.2	52.8	6.5
17	Meghalaya	32.9	65.9	56.6	47.3	43.8	16.5
18	Mizoram	46.4	86.4	63.5	66.8	69.5	7.0
19	Nagaland	21.0	46.3	46.2	28.7	27.3	18.4
20	Orissa	51.8	83.6	65.1	67.9	66.5	11.6
21	Punjab	60.1	88.0	75.9	70.5	78.0	6.6
22	Rajasthan	26.5	68.5	65.2	38.7	42.7	5.5
23	Sikkim	69.6	95.9	85.6	84.3	83.1	3.2
24	Tamil Nadu	80.9	99.5	87.8	95.7	92.5	0.0
25	Tripura	49.7	81.1	65.3	60.2	59.9	14.7
26	Uttar Pradesh	23.0	61.0	87.6	30.0	37.7	2.7
27	Uttarakhand	60.0	83.5	80.3	67.1	71.6	9.1
28	West Bengal	64.3	90.1	80.7	71.5	74.7	5.9
29	A&N Island	..	..	..	..	..	..
30	Chandigarh	..	..	..	..	..	..
31	D & N Haveli	..	..	..	..	..	..
32	Daman & Diu	..	..	..	..	..	..
33	Delhi	63.2	87.0	79.1	71.7	78.2	9.1
34	Lakshadweep	..	..	..	..	..	..
35	Puducherry	..	..	..	..	..	..

Note:

.. Survey not conducted

Source: National Family Health Survey-III (2005-06), MOHFW/GOI.

### 3.2.6 Targets & Achievement of Maternity and Child Health Activities (Immunisation) in India 1999-00 to 2009-10

(Figures in Million Nos.)

Year	Target	Achievement	% Achievement	Target	Achievement	Percentage
1	2	3	4	5	6	7
<b>T.T. ( Preg. Women)</b>				<b>D.P.T.</b>		
1999-00	29.24	23.78	81.33	24.72	23.56	95.31
2000-01	28.81	24.73	85.84	24.35	24.58	100.94
2001-02	28.85	25.09	86.97	24.43	24.81	101.56
2002-03	29.76	24.22	81.38	25.20	24.53	97.34
2003-04	30.29	23.66	78.11	25.69	23.51	91.51
2004-05	30.25	23.88	78.94	25.69	24.10	93.81
2005-06	30.31	24.87	82.05	25.79	24.76	96.01
2006-07	30.50	25.45	83.44	26.03	25.11	96.47
2007-08	30.10	25.68	85.32	25.77	24.15	93.71
2008-09*	29.22	24.38	83.44	25.09	23.62	94.14
2009-10*	29.26	24.61	84.08	25.19	25.02	99.35
<b>D.T.</b>				<b>POLIO</b>		
1999-00	23.93	12.56	52.49	24.72	23.71	95.91
2000-01	24.32	17.58	72.29	24.35	24.87	102.14
2001-02	24.83	14.50	58.4	24.43	24.75	101.31
2002-03	23.04	15.95	69.23	25.20	24.57	97.5
2003-04	23.57	15.12	64.15	25.69	23.98	93.34
2004-05	26.42	17.25	65.29	25.69	24.22	94.28
2005-06	24.57	18.84	76.68	25.79	24.71	95.81
2006-07	27.26	19.10	70.07	26.03	25.11	96.47
2007-08	27.67	16.10	58.19	25.77	23.80	92.36
2008-09*	24.40	13.87	56.84	25.09	24.42	97.33
2009-10*	24.75	18.23	73.65	25.19	24.91	98.91
<b>B.C.G. (Below 1 year)</b>				<b>MEASLES (Below 1 year)</b>		
1999-00	24.72	25.12	101.62	24.72	22.20	89.81
2000-01	24.35	25.97	106.65	24.35	23.48	96.43
2001-02	24.43	26.03	106.55	24.43	23.45	95.99
2002-03	25.20	25.93	102.9	25.20	23.35	92.66
2003-04	25.69	25.80	100.43	25.69	21.99	85.60
2004-05	25.69	25.71	100.08	25.69	23.24	90.46
2005-06	25.79	26.97	104.58	25.79	24.19	93.80
2006-07	26.03	26.63	102.31	26.03	24.19	92.93
2007-08	25.77	26.44	102.6	25.77	24.13	93.64
2008-09*	25.09	26.80	106.82	25.09	24.39	97.21
2009-10*	25.19	25.61	101.66	25.19	24.08	95.60

Note:

\* Provisional

Source: Monitoring & Evaluation Division, Ministry of Health & Family Welfare/GOI.

### 3.2.7 State/UT wise Nutritional Status of women and Men in India

S.No.	State/UT	Women whose Body Mass Index is below normal (%)	Men whose Body Mass Index is below normal (%)	Women who are overweight or obese (%)	Men who are overweight or obese (%)
1	2	3	4	5	
	<b>India</b>	<b>35.6</b>	<b>34.2</b>	<b>12.6</b>	<b>9.3</b>
1	Andhra Pradesh	33.5	30.8	15.6	13.6
2	Arunachal Pradesh	16.4	15.2	8.8	7.1
3	Assam	36.5	35.6	7.8	5.0
4	Bihar	45.1	35.3	4.6	6.3
5	Chattisgarh	43.4	38.5	5.6	4.9
6	Goa	27.9	24.6	20.2	15.4
7	Gujarat	36.3	36.1	16.7	11.3
8	Haryana	31.3	30.9	17.4	10.8
9	Himachal Pradesh	29.9	29.7	13.5	10.6
10	Jammu & Kashmir	24.6	28.0	16.7	6.2
11	Jharkhand	43.0	38.6	5.4	4.9
12	Karnataka	33.5	33.9	15.3	10.9
13	Kerala	18.0	21.5	28.1	17.8
14	Madhya Pradesh	41.7	41.6	7.6	4.3
15	Maharashtra	36.2	33.5	14.5	11.9
16	Manipur	14.8	16.3	13.3	9.2
17	Meghalaya	14.6	14.1	5.3	5.9
18	Mizoram	14.4	9.2	10.6	11.4
19	Nagaland	17.4	14.2	6.4	5.7
20	Orissa	41.4	35.7	6.6	6.0
21	Punjab	18.9	20.6	29.9	22.2
22	Rajasthan	36.7	40.5	8.9	6.2
23	Sikkim	11.2	12.2	15.4	11.9
24	Tamil Nadu	28.4	27.1	20.9	14.5
25	Tripura	36.9	41.7	7.1	4.8
26	Uttar Pradesh	36.0	38.3	9.2	7.3
27	Uttarakhand	30.0	28.4	12.8	7.9
28	West Bengal	39.1	35.2	11.4	5.5
29	A&N Island	..	..	..	..
30	Chandigarh	..	..	..	..
31	D & N Haveli	..	..	..	..
32	Daman & Diu	..	..	..	..
33	Delhi	14.8	15.7	26.4	16.8
34	Lakshadweep	..	..	..	..
35	Puducherry	..	..	..	..

Note:

.. Survey not conducted

Source: National Family Health Survey-III (2005-06), MOHFW / GOI.

### 3.2.8 State/UT wise Percentage of Anaemia Children among and Adults in India

S.No.	State/UT	Children age 6-59 months who are anaemic (%)	Ever-married women age 15-49 who are anaemic (%)	Pregnant women age 15-49 who are anaemic (%)	Ever-married men age 15-49 who are anaemic (%)
	<b>India</b>	<b>69.5</b>	<b>55.3</b>	<b>57.8</b>	<b>24.2</b>
1	Andhra Pradesh	70.8	62.9	56.4	23.3
2	Arunachal Pradesh	56.9	50.6	49.2	28.0
3	Assam	69.6	69.5	72.0	39.6
4	Bihar	78.0	67.4	60.2	34.3
5	Chattisgarh	71.2	57.5	63.1	27.0
6	Goa	38.2	38.0	36.9	10.4
7	Gujarat	69.7	55.3	60.8	22.2
8	Haryana	72.3	56.1	69.7	19.2
9	Himachal Pradesh	54.7	43.3	37.0	18.9
10	Jammu & Kashmir	58.6	52.1	54.0	19.5
11	Jharkhand	70.3	69.5	68.4	36.5
12	Karnataka	70.4	51.5	59.5	19.1
13	Kerala	44.5	32.8	33.1	8.0
14	Madhya Pradesh	74.1	56.0	57.9	25.6
15	Maharashtra	63.4	48.4	57.8	16.8
16	Manipur	41.1	35.7	36.4	11.4
17	Meghalaya	64.4	47.2	56.1	36.7
18	Mizoram	44.2	38.6	49.3	19.4
19	Nagaland	..	..	..	..
20	Orissa	65.0	61.2	68.1	33.9
21	Punjab	66.4	38.0	41.6	13.6
22	Rajasthan	69.7	53.1	61.2	23.6
23	Sikkim	59.2	60.0	53.1	25.0
24	Tamil Nadu	64.2	53.2	53.3	16.5
25	Tripura	62.9	65.1	57.6	35.5
26	Uttar Pradesh	73.9	49.9	51.6	24.3
27	Uttarakhand	61.4	55.2	45.2	29.2
28	West Bengal	61.0	63.2	62.6	32.3
29	A&N Island	..	..	..	..
30	Chandigarh	..	..	..	..
31	D & N Haveli	..	..	..	..
32	Daman & Diu	..	..	..	..
33	Delhi	57.0	44.3	29.9	17.8
34	Lakshadweep	..	..	..	..
35	Puducherry	..	..	..	..

Note:

.. Survey not conducted

Source: National Family Health Survey-III (2005-06), MOHFW / GOI.

### 3.2.9 State/UT wise Incidence of Foeticide and Infanticide in india 2005 - 2009\*(Latest)

S. No.	State/UT	Foeticide #					Infanticide \$				
		2005	2006	2007	2008	2009	2005	2006	2007	2008	2009
	1	3	4	5	6	7	8	9	10	11	12
	<b>India</b>	<b>86</b>	<b>125</b>	<b>96</b>	<b>73</b>	<b>102</b>	<b>108</b>	<b>126</b>	<b>134</b>	<b>140</b>	<b>186</b>
1	Andhra Pradesh	1	5	0	2	1	1	0	1	0	15
2	Arunachal Pradesh	0	0	0	0	0	0	0	0	0	0
3	Assam	1	1	0	0	0	1	0	0	0	0
4	Bihar	0	0	0	0	0	1	1	1	1	5
5	Chhattisgarh	21	5	10	9	12	9	8	8	7	10
6	Goa	0	0	0	0	0	0	1	1	0	0
7	Gujarat	4	6	1	1	5	2	0	7	0	4
8	Haryana	8	9	4	5	2	0	10	1	4	3
9	Himachal Pradesh	1	5	1	2	0	0	0	0	0	1
10	Jammu & Kashmir	0	0	0	0	0	0	0	0	0	2
11	Jharkhand	0	1	0	0	0	0	1	1	1	1
12	Karnataka	7	13	7	5	8	5	9	3	13	11
13	Kerala	1	0	0	0	2	0	1	1	0	0
14	Madhya Pradesh	12	14	10	8	23	28	43	29	22	51
15	Maharashtra	4	10	1	2	6	3	4	2	3	18
16	Manipur	0	0	0	0	0	0	0	0	0	0
17	Meghalaya	0	0	0	0	0	1	0	0	0	2
18	Mizoram	0	0	0	0	0	0	0	0	0	0
19	Nagaland	0	0	0	0	0	0	1	1	0	0
20	Orissa	0	0	5	0	0	1	1	0	0	0
21	Punjab	12	22	35	24	7	9	2	3	2	29
22	Rajasthan	10	25	16	10	1	1	6	1	4	14
23	Sikkim	1	0	0	0	1	1	3	0	2	0
24	Tamilnadu	0	0	0	0	17	1	1	10	20	9
25	Tripura	0	0	0	0	0	0	0	0	0	1
26	Uttar Pradesh	0	2	1	2	17	44	34	61	60	9
27	Uttarakhand	0	0	0	0	0	0	0	0	0	0
28	West Bengal	0	0	1	1	0	0	0	3	1	0
29	A & N Islands	0	0	0	0	0	0	0	0	0	0
30	Chandigarh	0	0	0	0	0	0	0	0	0	0
31	D & N Haveli	0	0	0	0	0	0	0	0	0	0
32	Daman & Diu	0	0	0	0	0	0	0	0	0	0
33	Delhi	3	7	4	2	0	0	0	0	0	1
34	Lakshadweep	0	0	0	0	0	0	0	0	0	0
35	Puducherry	0	0	0	0	0	0	0	0	0	0

Note:

Data are Provisional

# SEC 315,316 IPC

\$ SEC 315 IPC

Source: National Crime Records Bureau, Min. of Home Affairs.



Ministry of Health & Family Welfare  
Government of India

# INTEGRATED DISEASE SURVEILLANCE PROJECT (IDSP)

## Non-communicable Disease Risk Factor Survey 2007–08

### INDIA

#### Phase I – States

Andhra Pradesh  
Kerala  
Madhya Pradesh  
Maharashtra

Mizoram  
Tamil Nadu  
Uttarakhand



**National Institute of Medical Statistics**  
New Delhi  
(National Nodal Agency)

**National Institute of Communicable Diseases**  
New Delhi  
(IDSP Central Surveillance Unit)

**Indian Council of Medical Research**  
New Delhi  
(National Implementing Agency)

Funded by the World Bank  
2009



डॉ विश्व मोहन कटोच

एक ही, एक मन व एकही, एक व एक मन, एक व एक, एक मन व

सचिव, भारत सरकार

(स्वास्थ्य अनुसंधान विभाग)

स्वास्थ्य एवं परिवार कल्याण मंत्रालय एवं

महानिदेशक, आई सी एम आर

**Dr. Vishwa Mohan Katoch**

MD, FNASc, FAMS, FASc, FNA

Secretary to the Government of India

(Department of Health Research)

Ministry of Health & Family Welfare &

Director-General, ICMR



भारतीय आयुर्विज्ञान अनुसंधान परिषद

(स्वास्थ्य अनुसंधान विभाग)

स्वास्थ्य एवं परिवार कल्याण मंत्रालय

वी. रामलिंगस्वामी भवन, अंसारी नगर

नई दिल्ली - 110 029 (भारत)

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## Foreword

Globally, non-communicable diseases (NCDs) are the major cause of morbidity and mortality. According to WHO Report 2004, they account for almost 60% of deaths and 47% of the global burden of disease. In India, estimated deaths due to non-communicable diseases were double than those from communicable diseases. A progressive rise in the disease pattern of NCD foretells a serious public health issue. The major risk factors for non-communicable diseases are tobacco and alcohol abuse, a sedentary lifestyle, and an unhealthy diet. It is believed that about half of non-communicable disease-related premature deaths could be prevented through healthy diet, regular physical activity and by avoiding tobacco and alcohol.

Envisaging the magnitude of the public health problem of chronic diseases, the Government of India through National Institute of Communicable Disease, MoHFW and Indian Council of Medical Research initiated NCD risk factors survey, phase-I in seven states of India. It is a well planned large community based survey providing state wise estimates of major NCD risk factors in different strata of population. It is needless to mention that the estimated NCD risk factors are important input for targeted prevention of NCD and effective health care planning. The National Technical Advisory Committee (NTAC) and National Monitoring Committee constituted by MoHFW, provided valuable technical guidance and support to complete the study.

The Indian Council of Medical Research through its Division of Non-communicable Diseases has implemented the study with all the partners including the National Institute of Medical Statistics as a National Nodal Agency, Regional Resource Centers and State Survey Agencies.

I congratulate the Team for successfully completing the survey and bringing out Phase-I report of NCD Risk Factors which would be of immense use for prevention and control of non-communicable diseases.

(Dr. V.M. Katoch)

डॉ. बेला शाह एम.डी.  
वैज्ञानिक 'जी' एवं प्रमुख  
असंचारी रोग प्रभाग

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Scientist 'G' & Head  
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भारतीय आयुर्विज्ञान अनुसंधान परिषद  
स्वास्थ्य अनुसंधान विभाग  
स्वास्थ्य एवं परिवार कल्याण मंत्रालय  
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**Indian Council of Medical Research**  
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## Preface

Non-Communicable Diseases (NCD) account for a large proportion of morbidity and mortality amongst the adult population of our country. The high prevalence of major risk factors viz. tobacco and alcohol consumption, inappropriate diet, physical inactivity, high blood pressure, high blood glucose and dyslipidemias are driving the epidemic of NCDs. The Division of Non-Communicable Diseases at ICMR was identified as the nodal point for surveillance of NCDs and their risk factors by the World Health Organization, and multi-site studies helped us in developing a sound strategy for NCD risk factor surveys at the national level under IDSP. The survey methodology developed by ICMR was incorporated by IDSP into the overall survey protocol provided to ICMR for implementation.

The Indian Council of Medical Research signed a Memorandum of Understanding (MOU) with IDSP for the standardization and quality assurance of the NCD risk factor surveys under the World Bank funded IDSP on behalf of Ministry of Health, Govt. of India. As per IDSP plan, these surveys were to be carried out in three phases so as to cover all States and UTs of the country. In the present Phase I, the State based estimates of the risk factors in seven States (Andhra Pradesh, Kerala, Madhya Pradesh, Maharashtra, Mizoram, Tamil Nadu and Uttarakhand) were arrived at through the IDSP identified seven State Survey Agencies, five Regional Research Centers and a National Nodal Agency under the overall guidance and supervision of ICMR Headquarters through the National Technical Advisory Committee. I am grateful to the Director General, ICMR for supporting the Division of Noncommunicable Diseases ICMR to implement the surveys. The untiring effort of our partner agencies is commendable and is duly acknowledged.

This report marks an important milestone in surveillance activities for NCDs in the country. The results would be useful for planning and monitoring an effective response in a coordinated manner by the Government. It should also stimulate further analysis and research in the area.

  
(Dr. Bela Shah)

# Executive Summary

## Introduction

The Government of India through the Ministry of Health & Family Welfare (MOHFW) initiated a decentralized, state based Integrated Disease Surveillance Project (IDSP) in the country with the assistance of the World Bank in the year 2004. The component of non-communicable disease surveillance planned periodic community based surveys of population aged 15-64 to provide data on the risk factors. It is in line to help the state health administrators to plan strategies for the control of non-communicable diseases by modifying the risk factors. All Indian states were proposed to be surveyed in a phased manner under the project. The first phase of the survey included seven states namely Andhra Pradesh, Kerala, Madhya Pradesh, Maharashtra, Mizoram, Tamil Nadu and Uttarakhand.

The overall objective of the NCD risk factors survey was to improve the information available to the Government health services and care providers on a set of high-priority risk factors, with a view to improve the quality health care and services. The survey also aimed to establish the baseline database of NCD risk factors needed to monitor trends in population health behavior and risk factors for chronic diseases over time. This would provide evidence for evolving strategies and interventions for identified risk factors in the community to reduce the burden of non-communicable diseases.

A National Technical Advisory Committee was constituted to provide the technical guidance to the survey and a National Monitoring Committee was formed for monitoring the overall progress of the project. Indian Council of Medical Research was the implementing agency while the National Institute of Medical Statistics (NIMS) was appointed as the National Nodal Agency (NNA) for coordinating the survey. Five medical institutes/ colleges were selected as a Regional Resource Centre (RRC) for monitoring the quality of data collection and technical support to State Survey Agency (SSA) of seven states selected in the first phase for conducting the survey.

## Survey Methodology

WHO STEPS methodology for NCD Risk Factor Surveillance has been adopted for the survey after

carrying out suitable modifications, based on a multi-site ICMR-WHO collaborative initiative for NCD risk factor surveillance<sup>1</sup>. The survey was designed to provide prevalence estimates of risk factors for each 10 years age group (15-24 through 55-64) by sex (male/female) and place of residence (urban/rural). The survey used uniform sample design, bilingual schedules (English and the regional language of the state concerned), field protocol for data collection and physical measurements to facilitate comparability across states and also to ensure high quality data. For the present survey, appropriate sampling weights for households were used for urban and rural areas of the state. From each selected household one member aged 15-54 was selected using the KISH Method and all members aged 55-64 were selected. Such post stratification was used for improvement of efficiency of the estimators. For each state, post stratification weights for individuals were constructed using the age distributions by sex.

Two types of questionnaires - one at household level and another for individual level were used for the survey. At household level, information was elicited on religion, household facilities, ownership of agricultural land and livestock, and possession of durable goods for each selected household. The Individual questionnaire collected information from the selected individuals regarding demographic, behavioral and physical measurements. The individual questionnaire was divided into two segments based on WHO STEP methodology. The first section (Step-1) collected the demographic information of individuals including age, sex, marital status, education, and occupation. In the behavioural information section, information about tobacco use, alcohol consumption, diet, physical activity, history of raised blood pressure and history of diabetes were collected. In the second section (Step-2), physical measurements of individual such as height, weight, waist circumference (not measured for pregnant women), blood pressure, and pulse rate were recorded.

## Characteristics of survey population

A total of 5000 households were contacted in urban and rural area of each of the seven states. The overall household response for the survey ranged from 88.6%

in Kerala to 99.9% in Madhya Pradesh and Maharashtra. More than four-fifth (82%) of the households were Hindu in all the states except Mizoram and Kerala. In Mizoram, 92% of the households were Christian whereas in Kerala, 56% were Hindu, 23% Muslim and 20% Christian.

Four in every five households in Andhra Pradesh, Maharashtra, Uttarakhand and Tamil Nadu used drinking water from a piped or hand pump whereas 73% of households in Madhya Pradesh, 70% of households in Mizoram and 28% of households in Kerala used such drinking water. Almost all the households in the seven states under study had flush or pit toilet facility. More than 90% of households in all the states except Madhya Pradesh and Uttarakhand had electricity as the main source of lighting. Three quarter households in Uttarakhand and more than two third households in Madhya Pradesh, had electricity as main source of lighting. More than half of the households in Maharashtra and Mizoram were using LPG as cooking fuel and in rest of the states it varied from a low 19% of households in Madhya Pradesh to a high 38% in Kerala. The use of wood as cooking fuel was prevalent in 72% of households in Madhya Pradesh, 65% of households in Andhra Pradesh, 61% of households in Kerala and 57% of households Uttarakhand and Tamil Nadu. Over half of the households in Madhya Pradesh and Uttarakhand had own agricultural land. However, it was only 15% in Kerala and 30-40% in rest of the states.

The percentage of illiterate respondents ranged from a low 9% in Mizoram to a high 45% in Andhra Pradesh. Between 67-77% of the respondents were currently married in all the states except Mizoram where it was only 53%. Majority of the respondents in all the states were engaged in agriculture, domestic or manual work.

## BEHAVIOURAL RISK FACTORS FOR NCD

### Tobacco Smoking

As per the WHO STEPS guidelines, the smokers are presented into the categories of *Current Smokers*, *Current*

*Daily Smokers*, *Past Daily Smokers* and those who have never smoked in lifetime are classified as *Non-Smokers*. The percentage of current daily smokers varied between a low 9% in Maharashtra and high 42% in Mizoram.

The mean number of smoking *beedis* ranged from a low of 3 in Maharashtra to a high of 14 in Uttarakhand. The mean number of smoking manufactured cigarette in a day was low in Madhya Pradesh (<1) and a high 11 in Mizoram. The average age of onset of smoking ranged from 17 years in Mizoram to 20 years in Maharashtra, Kerala and Tamil Nadu and in rest of the states it was 19 years.

In Andhra Pradesh, Kerala, Tamil Nadu and Uttarakhand, 4-12% respondents were current daily users of smokeless tobacco. In rest of the states, it ranged from 32-48%. The mean frequency of chewing

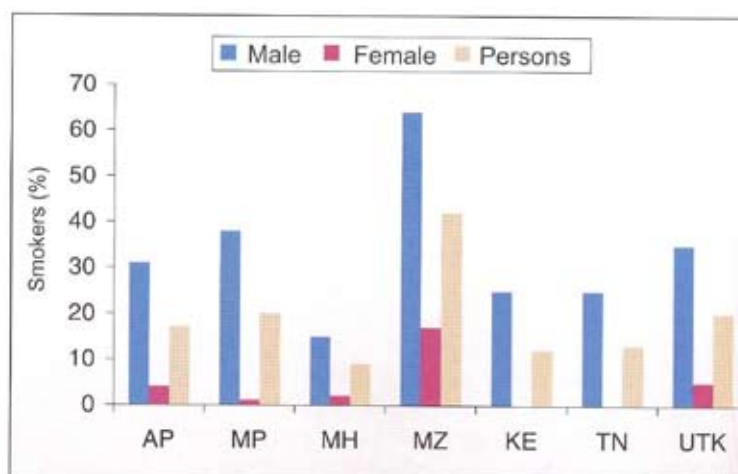


Figure 1. Current daily smokers (%) by sex and phase-I states

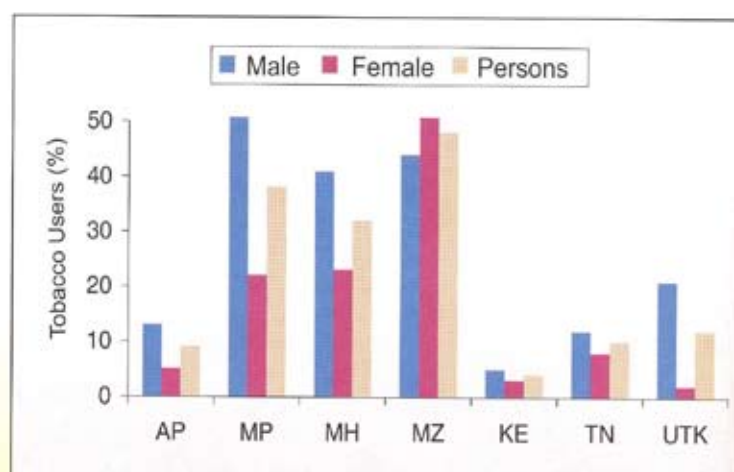


Figure 2. Current smokeless tobacco users (%) by sex and phase-I States

tobacco in a day ranged from less than 1 in Kerala and Andhra Pradesh to 10 in Mizoram. The mean frequency of chewing pan with tobacco ranged from a low <1 in Madhya Pradesh and Maharashtra to a high 9 in Mizoram. The mean age of initiation of smokeless tobacco use was 18 years in Mizoram and 20 years in rest of the states among young respondents (15-34 years).

### Alcohol Consumption

In the survey, percentage of the respondents reported to have consumed alcohol in past 12 months ranged from a low 11% in Mizoram to high 20% in Andhra Pradesh. Except Andhra Pradesh and Kerala, the prevalence of alcohol consumption was higher among rural respondents than their urban counterparts. The average number of standard drinks consumed on a drinking day ranged from a low of 2 in Madhya Pradesh and Maharashtra to a high 8 in Uttarakhand. The mean age of initiation of alcohol consumption regularly in the age group 15-34 years was 20-22 years in all the seven states.

### Fruits and Vegetables Consumption

In a week, people consumed vegetables 4-7 days and fruits only 2-3 days in all the states. The mean number of days in a week, when fruits were consumed, was higher among urban population as compared to rural. There was not much difference between urban and rural respondents in the mean number of days consumed vegetables in a week. The percentage of respondents consumed less than five servings of fruits and vegetables per day ranged from a low 76% in Maharashtra to high 99% in Tamil Nadu.

The edible oil used commonly for cooking were mustard and soyabean oil in Madhya Pradesh, Mizoram and Uttarakhand; groundnut, soyabean and palm oil in Andhra Pradesh and Tamil

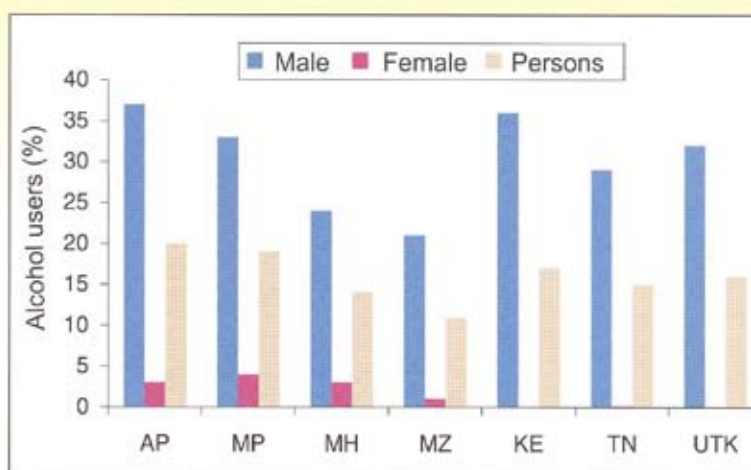


Figure 3. Respondents consumed alcohol in last 12 months (%) by sex and phase-I states

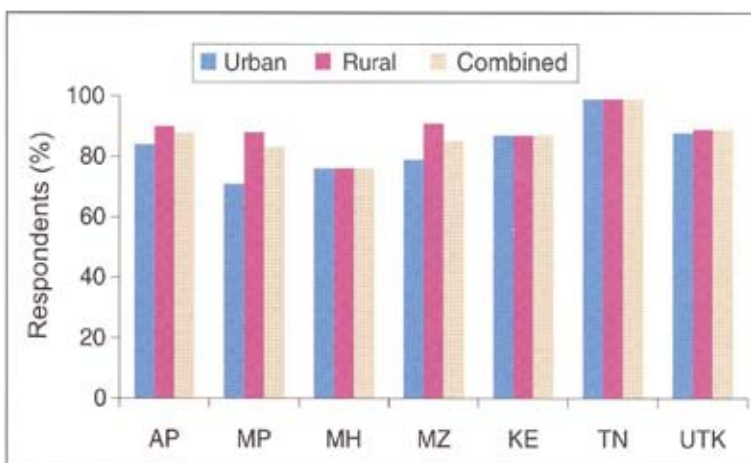


Figure 4. Respondents consumed less than five servings of fruits & vegetables (%) per day by residence and phase-I states

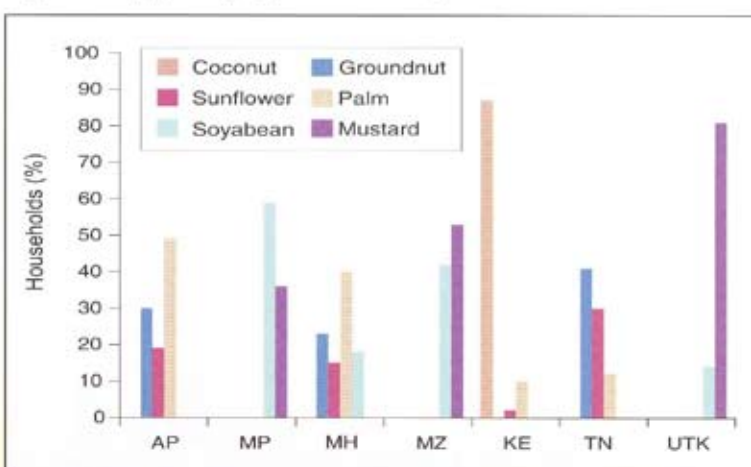


Figure 5. Type of oil consumption among the households for cooking (%) in phase-I states

Nadu. In Maharashtra, the edible oil used commonly were groundnut, soyabean, palm and sunflower oil. Coconut oil was the only edible cooking oil used commonly in Kerala.

### Physical Activity

The lack of physical activity leads to obesity, hyper-lipidemia, diabetes mellitus, hypertension, and coronary heart disease. The present survey found that the mean time spent on work related physical activity ranged from a low 128 minutes per day in Maharashtra to a high 293 minutes per day in Madhya Pradesh. Most time spent was mainly related to work only. The mean time spent in travel related activities (cycling/walking) ranged from a low 31 minutes per day in Andhra Pradesh to a high 69 minutes per day in Uttarakhand. The survey also reported that the mean time spent in recreational activities was low (4 minutes per day) in Andhra Pradesh and high (67 minutes per day) in Madhya Pradesh.

As per the WHO guidelines, the total physical activity of the individual has been categorized as low, medium and high. The proportion of respondents reporting low physical activity was lowest (42%) in Madhya Pradesh and highest (81%) in Maharashtra.

## HYPERTENSION AND DIABETES

### Hypertension

The blood pressure is an important determinant of risk of cerebrovascular and ischemic heart diseases, congestive cardiac failure and renal failure. In the survey, the reported cases of hypertension diagnosed by health professionals, ranged from 2% in Madhya Pradesh to 9% in Kerala. Among those who were diagnosed with hypertension, majority of them were on prescribed drugs. The advice on dietary modification and lose weight ranged from a low 22% to high 71% in all the states. A low 1% of such cases in

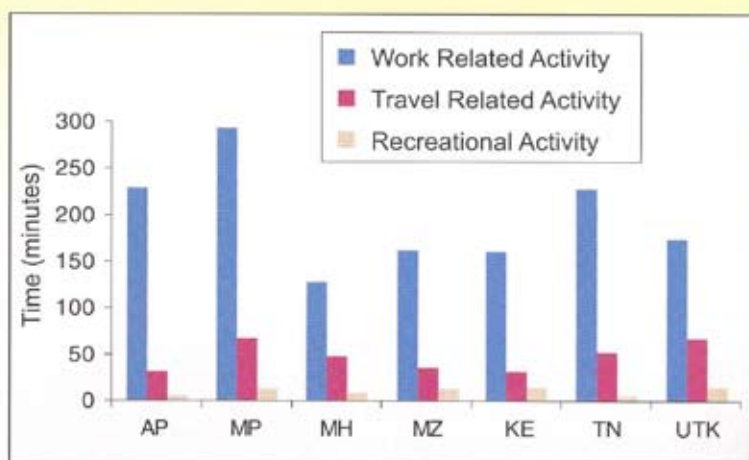


Figure 6. Mean time spent on physical activity per day (minutes) in phase-I states

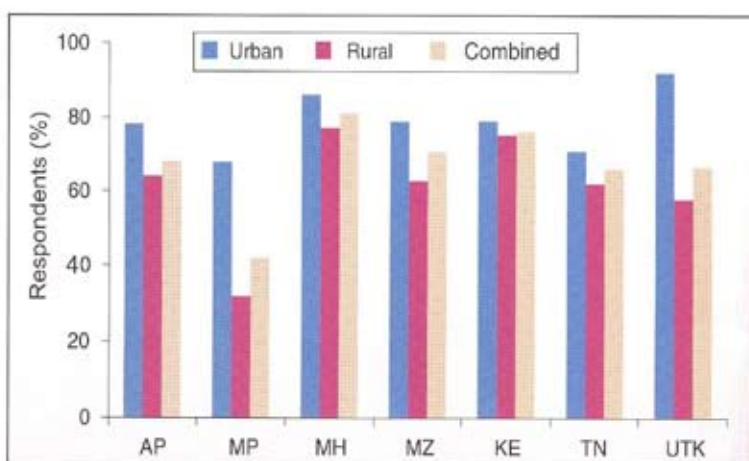


Figure 7. Low physical activity of respondents (%) by residence and phase-I states

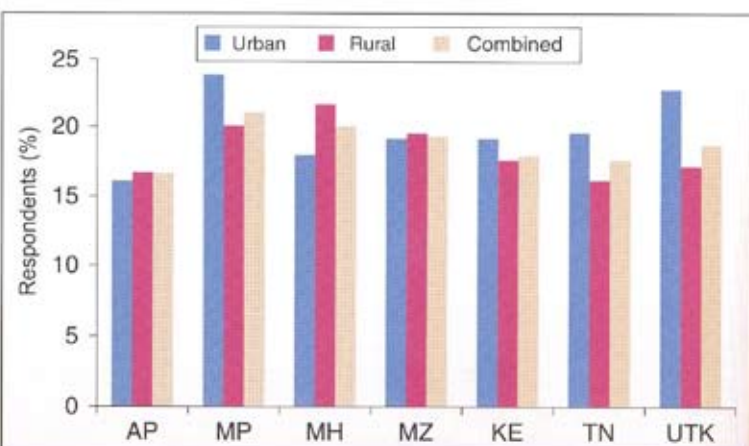


Figure 8. Stage I & II hypertension (%) by residence and phase-I states

Madhya Pradesh to high 22% in Maharashtra consulted AYUSH practitioners. Of those consulted AYUSH, a low 24% in Madhya Pradesh to high 81% in Uttarakhand were taking treatment from the same. The survey also carried out measurement of blood pressure as a part of step-2 of individual questionnaire. The mean systolic blood pressure in the population ranged from 123 mm Hg in Maharashtra and Andhra Pradesh to 126 mm Hg in Madhya Pradesh. Mean diastolic blood pressure ranged from 77 mm Hg in Andhra Pradesh and Kerala to 81 mm Hg in Mizoram. By categories of hypertension, 17-21% of the respondents in all the states were found in stage I or stage II hypertension.

### Diabetes

Diabetes mellitus is an important marker of risk for the arterial disease of the coronary, cerebral and peripheral arterial trees, and for micro vascular disease leading to blindness and renal failure. The survey also included information on history of diabetes. A low 1% of the respondents in Mizoram, Madhya Pradesh and Maharashtra and high 6% in Kerala reported to have history of raised blood sugar. Of which, 12-46% were taking insulin and 66-87% were on oral drugs. A large number of them were advised life style modification such as diet modification, lose weight and increase physical activity. About a low 3% and high 31% (of the diagnosed) in all the states had consulted AYUSH practitioners for the elevated blood sugar levels and the compliance to the prescribed treatment of system ranged from 58-93%.

### PHYSICAL MEASUREMENTS

#### Body Mass Index (BMI)

World wide researches have shown that there is a strong association between BMI and health risk. On the other hand, low BMI is an indicator of risk to health, often being associated with tobacco, alcohol use and drug addiction. The survey recorded height, weight and waist circumference of the surveyed individuals. The

mean BMI in all the seven states ranged between 20 to 23 kg/m<sup>2</sup> with mean height ranging from 157 to 160 cm and mean weight 50 to 58 kg. The respondents in under weight category were 14% in Mizoram 15% in Kerala and 39% in Madhya Pradesh. In other four states, respondents in the underweight category ranged from 23 to 28%. The grade I overweight was only 7% in Madhya Pradesh closely followed by 9% in Mizoram, 11% in Uttarakhand and Maharashtra where as it was 15% in Andhra Pradesh, 18% in Tamil Nadu and 22% in Kerala. The obesity of grade 2 and above was around 5% in Tamil Nadu, Andhra Pradesh and Kerala and it was around 2 to 3% in rest of the states.

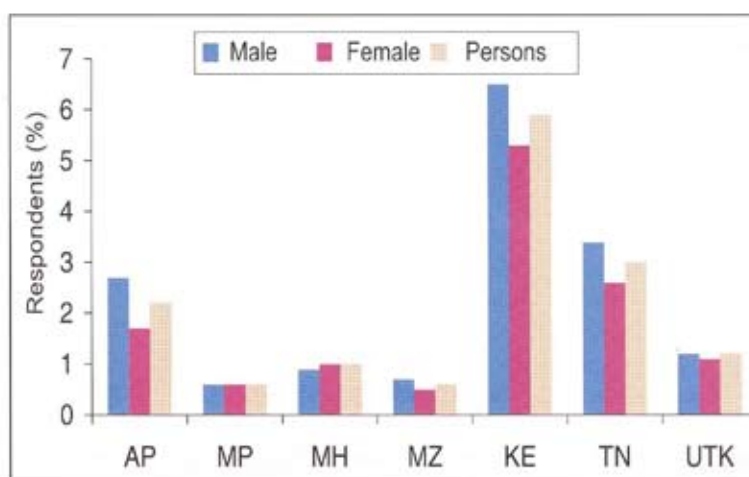


Figure 9. History of raised blood sugar (%) by sex and phase-I states

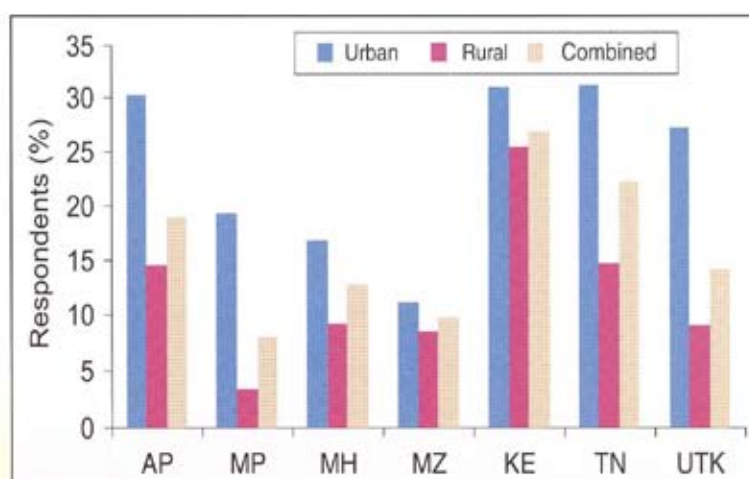


Figure 10. Overweight respondents (%) by residence and phase-I states in India

## SOCIO-DEMOGRAPHIC DIFFERENTIALS

Tobacco is mainly used as smoking and other smokeless forms in different states of India. In phase-I states, the prevalence of smoking was recorded high in Mizoram (44%) followed by Madhya Pradesh (22%) and Uttarakhand (20%). The increasing pattern of prevalence of smoking was recorded with increasing age group of respondents in all the states. Overall, the prevalence was declining with increasing levels of education in all the states. Prevalence of smoking among female respondents was very low compare with males in all the phase-I states except Mizoram. Occupation is an important socioeconomic indicator. The differences in prevalence of smoking were higher from one category of occupation to another. Prevalence of smoking in the occupational categories of manual work, service and agriculture was high in most of the states compare with other categories. A similar pattern of increasing in prevalence of smokeless tobacco users with age and decreasing with level of education was also observed in all the seven states. The prevalence of current alcohol drinkers was high among the adult population (25-44) which was declining in the older age group (55-64). The habits of tobacco and alcohol use starts at early young age which contributes to the high risk of NCD at productive stage of life or as grown older with such habits.

The fruits and vegetable consumption and regular physical activity reduce the risk of non-communicable diseases. But, the study indicates high proportion of population taking inadequate amount of fruits and vegetables (less than five servings of fruits and vegetables per day) in all the seven states. Prevalence of low consumption was high in all the states such as Tamil Nadu (99%), Uttarakhand (89%), Andhra Pradesh (88%), Kerala (87%) and others (76% to 85%). Marginal differences in prevalence were observed in age groups, levels of education, occupation and residence. However, more than half of the population was found in the category of low physical activity in almost all the states except Madhya Pradesh. The differences in the pattern of low physical activity by age, sex, education, occupation and residence were also observed. Among the older (55-64) and younger age groups (15-24), the people were doing less physical activity as compare with

other age groups. Female respondents were more in low physical activity compare with males across all the age groups. However, rural people were doing more physical work than urban and a similar pattern was observed across all age groups. The physical activity by education was observed low among higher levels education whereas it was comparatively high among lower levels. Occupational difference in physical work activity was also observed across all the categories. The people whose occupation was agriculture and manual work were doing more physical work compare with other occupational categories in all the seven states. Low physical activity was high among domestic worker, executive and business occupation in most of the states.

Hypertension is a major non-communicable disease risk factor especially related to cardiovascular disease. Prevalence of hypertension was varying from 17% to 21% in all the states with marginal rural-urban differences. Overall, pattern of prevalence was found increasing with age groups in all the states. Though hypertension was prevalent in all education levels, but it was high in the higher education levels of Uttarakhand, Mizoram and Madhya Pradesh. Hypertension was prevalent in all the occupational categories, but it was comparatively higher among the executive and service categories in all the states.

Overweight (obesity) is a major risk factor of Non-communicable diseases. High prevalence of overweight was recorded in all the age groups except the younger age (15-24). Prevalence of overweight was higher among females compare with males across all the age groups. Prevalence was also higher in urban population compare with rural. Low prevalence of overweight was recorded among lower level of education (illiterate and primary). Prevalence was recorded low among the people whose occupation was agriculture or manual work whereas it was high in other categories of occupation.

Overall, NCD risk factors were prevalent across all the socioeconomic and demographic categories of population in phase I state.

The results generated through this IDSP-NCD survey would certainly focus on major issues in bringing about change or initiate various programs related to control of non-communicable diseases.

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