

## EPIDEMIOLOGICAL ANALYSIS OF HIV/AIDS IN MANIPUR

**1.Period: September, 1986 - March, 2009**

	<b>Sero-surveillance</b>	<b>Sentinel surveillance</b>	<b>Total</b>
Number of blood samples screened	237865	72662	310527
Number of positives	25655	6317	31972
Number of Females	8053		8053
Number of AIDS cases	4363		4363
Number of deaths	625		625
Ser-positivity rate per 100 samples	10.8	8.7	10.3

### 2. Sentinel Surveillance Reports :

<b>Year</b>	<b>Number of Samples Screened</b>	<b>Number Positives</b>	<b>Sero-positivity Rate (%)</b>
1994	2392	256	10.70
1995	2361	268	11.35
1996	2117	354	16.72
1997	2235	322	14.40
1998	4329	496	11.46
1998	4035	470	11.64
1999	3361	468	13.92
2000	2799	372	13.29
2001	3950	527	13.34
2002	5250	437	8.32
2003	7600	551	7.25
2004	8000	480	6
2005	8100	489	6.04
2006	8100	418	5.16
2007	8033	409	5.09
<b>Total</b>	<b>64629</b>	<b>5908</b>	<b>9.14</b>

### 3. Yearly Trends of HIV/AIDS Sero -Surveillance:

Year	No. of Blood Samples Screened	No. of HIV Positive reported	No. of AIDS Cases reported	No. of Death due to AIDS
1986	371	-	-	-
1987	970	-	-	-
1988	528	-	-	-
1989	828	-	-	-
1990	3147	961	4	4
1991	2223	422	0	0
1992	3409	351	0	0
1993	4204	254	8	4
1994	16958	1187	56	11
1995	2926	429	36	11
1996	2021	557	114	35
1997	2117	757	83	29
1998	2779	984	61	6
1999	3436	1037	196	29
2000	4859	1242	203	18
2001	4329	1192	286	51
2002	6195	1389	632	73
2003	5423	1419	1187	133
2004	6854	2019	461	65
2005	13481	2394	297	48
2006	31811	2749	324	50
2007	47844	3235	264	45
2008 (up to May)	21114	1116	<b>151</b>	<b>13</b>
2008-09 (June 08 to March 09)	<b>50038</b>	<b>1961</b>	-	-
<b>Total</b>	<b>237865</b>	<b>25655</b>	<b>4363</b>	<b>625</b>

(\* Out of 4363 AIDS Cases, 3188 are males and 1175 are females,

\*\* Out of 625 Deaths due to AIDS, 503 are males and 122 are females)

#### 4. Sentinel Surveillance Report:

Risk Group	1994	1995	1996	1997	1998 (Feb to March)	1998 (Aug to Sept)	1999	2000	2001	2002	2003	2004	2005	2006	2007
IDUS Prevalence	55.7	54.19	64.13	76.9	67.63	72.78	55.48	66.02	56.27	39.57	30.7	21	24.1	19.8	17.9
Pregnant Women Prevalence	0.8	0.45	0.67	1.32	1.18	1.69	2.70	1.07	2.04	2.4	1.34	1.66	1.3	1.4	1.3
STD Prevalence	4.8	3.9	8.17	4.85	4.48	5.79	10.00	11.76	10.00	9.6	13	7.2	12.2	4.8	4.0
TB Prevalence	3.3	6.16	11.85	8.3	12.04	12.19	-	-	-	-	-	18.75	-	-	-
Blood Donors Prevalence	2.1	1.35	1.49	1.22	0.77	1.30	-	-	-	-	-	-	-	-	-
MSM Prevalence	-	-	-	-	-	-	-	-	-	-	29.2	14	15.6	12.4	16.4
FSW Prevalence	-	-	-	-	-	-	-	-	-	-	12.4	12.4	10	11.6	12.9

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