

ASIAM DATA SET TWO

**SECOND DATA SET OF ASIAM**

**Table 1 Population per province 1998 Census data**

Province Code	Area in sq.km.	Density per sq.km.	Population	Districts	Communes	Villages
1	2,966	161	478,099	7	80	690
2	4,883	194	945,129	12	116	1,138
3	3,568	301	1,073,586	11	147	1,090
4	290	3,441	997,986	7	76	496
5	9,799	164	1,607,913	16	193	1,713
6	5,521	76	416,999	8	69	538
7	7,017	85	598,101	8	87	1,290
8	3,563	222	789,710	10	98	1,114
9	4,873	108	527,904	10	95	476
10	868	179	155,376	3	21	82
11	11,160	12	131,912	7	30	119
12	12,692	28	360,291	5	44	440
13	11,702	68	791,958	12	89	611
14	6,679	86	577,300	9	62	599
15	10,299	68	695,485	14	108	921
16	13,814	41	568,454	8	81	727
17	13,788	9	119,160	7	49	197
18	11,094	24	262,945	5	45	243
19	11,092	7	80,978	5	34	129
20	14,288	2	32,392	5	21	87
21	10,782	9	94,188	9	50	243
22	336	85	28,677	2	5	15
23	6,158	11	68,836	0	0	0
24	803	28	22,844	2	8	58
total	181,035	64	11,426,223	182	1,608	13,016

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**Table 2**      **Number of TB Cases Registered from 1982 to 2008**

Year	Smear (+)			Smear (-)	Extra PTB	Total
	New	Relapse	Sub-total			
1982			5,579	2,663	233	8,475
1983			5,316	1,823	833	7,572
1984			5,507	316	2,007	7,830
1985			5,235	3,891	1,019	10,145
1986			8,715	1,295	271	10,281
1987			7,173	1,406	1,027	9,606
1988			8,246	1,714	731	10,691
1989			6,740	2,251	965	9,956
1990			5,132	163	672	5,967
1991			8,507	990	1,406	10,903
1992			12,685	2,491	972	16,148
1993	9,560	200	9,760	2,417	912	13,089
1994	11,058	540	11,598	2,195	1,319	15,112
1995	11,150	605	11,755	1,575	1,501	14,831
1996	12,065	607	12,672	708	1,477	14,857
1997	12,686	634	13,320	721	1,588	15,629
1998	13,865	705	14,570	705	1,671	16,946
1999	15,744	792	16,536	725	2,005	19,266
2000	14,826	814	15,640	1,108	2,144	18,892
2001	14,361	721	15,082	1,658	2,430	19,170
2002	17,258	789	18,047	2,852	3,711	24,610
2003	18,923	754	19,677	4,307	4,232	28,216
2004	18,978	645	19,623	5,800	5,415	30,838
2005	21,001	718	21,719	7,057	6,759	35,535
2006	19,294	691	19,985	6,875	7,800	34,660
2007	19,421	648	20,069	7,120	8,412	35,601
2008	19,860	542	20,402	7,847	10,678	38,927

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**Table 3 Case Registration Rate from 1982 to 2004**

Year	Population x 1,000	New Smear (+) and Relapse Cases	New Smear (+) and Relapse/10 <sup>5</sup> Population	All Cases	All Cases/10 <sup>5</sup> Population
1982	5,900	5,579	94.6	8,475	143.6
1983	6,150	5,316	86.4	7,572	123.1
1984	6,400	5,507	86.0	7,830	122.3
1985	6,700	5,235	78.1	10,145	151.4
1986	7,000	8,715	124.5	10,281	146.9
1987	7,300	7,173	98.3	9,606	131.6
1988	7,600	8,246	108.5	10,691	140.7
1989	7,900	6,740	85.3	9,956	126.0
1990	8,200	5,132	62.6	5,967	72.8
1991	8,500	8,507	100.1	10,903	128.3
1992	8,800	12,685	144.1	16,148	183.5
1993	9,250	9,760	105.5	13,089	141.5
1994	9,700	11,598	119.6	15,112	155.8
1995	9,950	11,755	118.1	14,831	149.1
1996	10,200	12,672	124.2	14,857	145.7
1997	10,700	13,320	124.5	15,629	146.1
1998	11,437	14,570	127.4	16,946	148.2
1999	11,772	16,536	140.5	19,266	163.7
2000	12,014	15,640	130.2	18,892	157.2
2001	12,313	15,082	122.5	19,170	155.7
2002	12,620	18,047	143.0	24,610	195.0
2003	13,287	19,677	148.0	28,216	212.4
2004	13,500	19,623	145.4	30,838	228.4

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**Table4 Results of diagnostic direct smear examinations in 1999**

Province Code*	Number of Diagnostic smear examinations	Proportion of suspects with 3 smear examinations	Proportion of positive diagnostic smears	Proportion of population examined with 3 smears
3	10,336	93,5	44,2	0,30
1	9,751	101,8	26,4	0,69
4	19,456	91,5	20,7	0,59
12	2,452	99,5	49,6	0,23
13	7,203	91,0	28,6	0,28
24	36	100,0	38,9	0,05
14	4,747	95,6	52,0	0,26
15	7,850	97,7	61,2	0,37
16	5,065	98,3	54,0	0,29
8	8,406	86,1	39,3	0,31
7	7,552	102,0	49,6	0,43
9	2,948	92,6	45,4	0,17
22	78	100,0	92,3	0,09
10	1,863	98,6	38,1	0,39
11	607	97,6	34,9	0,15
2	10,058	94,4	44,7	0,33
6	4,566	98,4	48,4	0,36
18	1,978	90,5	37,2	0,23
5	10,842	94,8	42,6	0,21
19	1,678	62,6	20,6	0,43
17	478	97,0	33,3	0,13
20	819	87,0	11,8	0,73
21	630	89,9	23,3	0,20
Total	119,399	94,1	39,1	0,33

\* see also table 5

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**Table 5 Case-finding by province, 1999**

Province Code*	New smear-positive cases	Total number of cases	New smear-positive cases per 100,000 population	Total cases per 100,000 Population
3	1,825	2,167	177	197
1	844	1,028	185	210
4	845	1,322	87	128
12	404	460	112	124
13	686	1,108	85	131
24	4	12	18	53
14	796	992	139	167
15	1,458	1,701	198	216
16	954	1,249	170	214
8	1,044	1,312	143	162
7	1,451	1,551	240	253
9	473	586	85	103
22	24	25	84	84
10	246	374	165	233
11	70	88	55	64
2	1,568	1,720	170	177
6	749	868	183	203
18	267	367	103	136
5	1,786	2,076	114	125
19	105	132	128	157
17	55	96	46	78
20	43	56	133	166
21	47	81	49	84
Total	15,744	19,371	155	181

\* see table 1

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**Table 6 Treatment results of cases treated with DOTS in 1996-1999**

Year/Cat	Evaluated	Cured (%)	Completed (%)	Failure (%)	Died (%)	Default (%)	Tr. Out (%)
1996 Cat.1*	New: 9,111	8,139 89%	403 5%	63 1%	217 3%	227 3%	63 1%
Cat.2	Relapse: 625	548 88%	26 4%	4 1%	23 4%	21 3%	3 0%
	Others: 338	168 50%	110 33%	7 2%	24 7%	18 5%	13 4%
Cat.3	798		741 93%	0 0%	31 4%	12 2%	14 2%
1997 Cat.1	New: 11,329	10,088 89%	534 4.7%	48 0.4%	258 2.3%	292 2.6%	87 0.8%
Cat.2	Relapse: 589	520 88%	28 5%	8 1%	19 1%	12 2%	2 0%
	Others: 147	98 67%	18 12%	10 7%	10 7%	6 4%	6 4%
Cat3	917		864 94%	0 0%	31 3%	14 2%	8 1%
1998 Cat.1	New: 13,287	12,166 92%	402 3%	49 0%	311 2%	290 2%	72 1%
Cat.2	Relapse: 689	613 89%	19 3%	8 1%	27 4%	24 3%	0 0%
	Others: 133	111 83%	11 8%	6 5%	11 8%	6 5%	1 1%
Cat.3	893		853 96%	0 0%	19 2%	8 1%	13 1%
1999 Cat.1	New: 15,700	14,236 90.70%	433 2.76%	64 0.40%	411 2.62%	469 3%	83 0.52%
Cat.2	Relapse: 778	685 88%	25 3%	9 1%	29 4%	22 3%	8 1%
	Other: 85	66 78%	3 4%	0 0%	8 9%	7 8%	1 1%
Cat.3	768		739 96.22%	1 0.13%	17 2.21%	9 1.17%	2 0.26%

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Cat 1 = New smear-positive cases

Cat 2 = Previously treated smear-positive cases

Cat 3 = New smear-negative and extra-pulmonary cases

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**Table 7 Hospitals and HC's providing DOTS in 2001**

<b>Code of province</b>	<b>Number of hospitals providing DOTS</b>	<b>Number of districts</b>	<b>Number of HC's</b>	<b>HC's providing DOTS in 2001</b>
3	11	8	88	23
5	13	10	128	35
6	3	2	34	34
7	6	3	50	0
16	8	3	50	23
9	7	4	47	29
22	0	1	4	0
11	2	2	12	0
18	5	2	22	0
8	10	5	70	0
13	9	4	67	33
14	7	3	54	20
24	0	1	3	0
2	14	7	90	27
17	0	1	12	0
12	5	2	30	28
10	0	1	11	9
4	0	4	37	13
20	0	1	6	0
21	0	1	10	0
19	0	1	10	0
15	7	3	53	17
23	0	1	4	0
1	8	3	37	0
<b>Total</b>	<b>115</b>	<b>73</b>	<b>929</b>	<b>291</b>
Percentage of total 929 planned HC's				31%
Percentage of 632 HC's, which already functioned in 2001				46%



