

Chapter 4

BASIS OF DIAGNOSIS

Table 4.1 gives the number and relative proportion of cancers based on different methods of diagnosis. The proportion of microscopic verification in males varied from 61.5% in Mizoram State excluding Aizawl District to 93.9% in Imphal West District of Manipur State. X-ray and Imaging as a form of diagnosis was highest in Cachar District being 19.7% in males. Among females, the microscopic proportion varied from 56.4% in Mizoram State excluding Aizawl District to 94.4% in Imphal West District of Manipur State. X-ray and Imaging as a form of diagnosis was higher in Cachar District with a relative proportion of 17.5%. The Death Certified Only cases showed variation in relative proportion. Among males, it was lowest in Barshi Expanded (0.1%) to 26.2 in Mizoram State excluding Aizawl District and in females it varies from 0 in Barshi and Barshi Expanded to 26.6 in Mizoram State excluding Aizawl District.

Table 4.1(a): Number (#) and Relative Proportion (%) of Cancers based on Different Methods of Diagnosis

Males

Registry	Clinical		Microscopic		X-Ray		DCO		Others		Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Bangalore (2006-2007)	192	3.4	4868	86.2	93	1.6	483	8.6	7	0.1	5645	100.0
Barshi Rural (2006-2008)	17	4.4	286	73.5	43	11.1	3	0.8	40	10.3	389	100.0
Barshi Expanded (2007-2008)	25	1.6	1253	80.9	75	4.8	2	0.1	192	12.4	1548	100.0
Bhopal (2006-2008)	51	2.5	1617	80.2	215	10.7	103	5.1	29	1.4	2015	100.0
Chennai (2006-2008)	274	3.7	5814	78.7	965	13.1	222	3.0	117	1.6	7392	100.0
Delhi (2006-2007)	1262	9.2	10709	78.1	353	2.6	72	0.5	1319	9.6	13720	100.0
Mumbai (2006-2008)	1112	7.1	13668	86.8	36	0.2	920	5.8	9	0.1	15745	100.0
Cachar District (2007-2008)	22	1.4	1058	66.7	313	19.7	188	11.9	3	0.2	1586	100.0
Dibrugarh District (2006-2008)	8	0.5	1229	82.9	24	1.6	197	13.3	11	0.7	1483	100.0
Kamrup Urban District (2006-2008) *	81	4.1	1429	73.2	130	6.7	298	15.3	14	0.7	1952	100.0
Manipur State (MR) (2006-2008)	0	0.0	1806	93.4	81	4.2	17	0.9	22	1.1	1934	100.0
Imphal West District (2006-2008)	0	0.0	568	93.9	20	3.3	9	1.5	6	1.0	605	100.0
MR - Excl. Imphal West (2006-2008)	0	0.0	1238	93.2	61	4.6	8	0.6	16	1.2	1329	100.0
Mizoram State (MZ) (2006-2008)	60	3.3	1191	64.8	126	6.9	405	22.0	44	2.4	1838	100.0
Aizawl District (2006-2008)	31	3.4	623	68.2	70	7.7	163	17.8	18	2.0	914	100.0
MZ - Excl. Aizawl (2006-2008)	29	3.1	568	61.5	56	6.1	242	26.2	26	2.8	924	100.0
Sikkim State (2006-2008)	16	2.6	442	72.9	8	1.3	58	9.6	80	13.2	606	100.0
Ahmedabad - Rural (2006-2008)	55	3.9	1282	91.6	20	1.4	31	2.2	12	0.9	1400	100.0
Ahmedabad - Urban (2006-2008)	174	3.3	4686	89.9	167	3.2	181	3.5	7	0.1	5215	100.0
Aurangabad (2005-2008)	44	4.7	834	89.9	0	0.0	50	5.4	0	0.0	928	100.0
Kolkata (2006-2007)	7	0.2	4144	89.9	28	0.6	420	9.1	12	0.3	4611	100.0
Kollam (2006-2008)	38	0.8	3511	75.4	612	13.1	431	9.3	63	1.4	4656	100.0
Nagpur (2005-2007)	204	7.6	2380	89.2	3	0.1	81	3.0	0	0.0	2668	100.0
Pune (2006-2008)	307	7.6	3482	86.0	14	0.3	241	6.0	3	0.1	4047	100.0
Thiruvananthapuram (2005-2008)	64	2.2	2143	75.2	254	8.9	269	9.4	41	1.4	2851	100.0

* Updated as of February 2011

Table 4.1 (b): Number (#) and Relative Proportion (%) of Cancers based on Different Methods of Diagnosis**Females**

Registry	Clinical		Microscopic		X-Ray		DCO		Others		Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Bangalore (2006-2007)	179	2.6	6299	90.3	70	1.0	421	6.0	1	0.0	6979	100.0
Barshi Rural (2006-2008)	23	5.8	311	78.9	43	10.9	0	0.0	17	4.3	394	100.0
<i>Barshi Expanded</i> (2007-2008)	50	2.5	1620	81.9	103	5.2	0	0.0	203	10.3	1977	100.0
Bhopal (2006-2008)	53	2.7	1648	84.0	182	9.3	49	2.5	30	1.5	1962	100.0
Chennai (2006-2008)	517	6.6	6382	81.1	676	8.6	209	2.7	82	1.0	7866	100.0
Delhi (2006-2007)	1219	9.7	9537	75.6	710	5.6	48	0.4	1098	8.7	12613	100.0
Mumbai (2006-2008)	1146	6.6	15364	87.9	31	0.2	928	5.3	16	0.1	17485	100.0
Cachar District (2007-2008)	16	1.7	715	75.0	167	17.5	53	5.6	2	0.2	953	100.0
Dibrugarh District (2006-2008)	5	0.5	878	84.6	16	1.5	112	10.8	19	1.8	1038	100.0
Kamrup Urban District (2006-2008) *	64	4.9	999	76.6	112	8.6	118	9.0	10	0.8	1304	100.0
Manipur State (MR) (2006-2008)	2	0.1	1916	94.2	76	3.7	15	0.7	16	0.8	2035	100.0
<i>Imphal West District</i> (2006-2008)	1	0.1	710	94.4	28	3.7	7	0.9	2	0.3	752	100.0
<i>MR - Excl. Imphal West</i> (2006-2008)	1	0.1	1206	94.0	48	3.7	8	0.6	14	1.1	1283	100.0
Mizoram State (MZ) (2006-2008)	52	3.4	923	59.9	137	8.9	359	23.3	47	3.0	1542	100.0
<i>Aizawl District</i> (2006-2008)	23	3.0	492	63.2	70	9.0	156	20.1	25	3.2	778	100.0
<i>MZ - Excl. Aizawl</i> (2006-2008)	29	3.8	431	56.4	67	8.8	203	26.6	22	2.9	764	100.0
Sikkim State (2006-2008)	13	2.4	423	77.0	12	2.2	40	7.3	60	10.9	549	100.0
Ahmedabad - Rural (2006-2008)	19	1.9	921	91.9	13	1.3	27	2.7	22	2.2	1002	100.0
Ahmedabad - Urban (2006-2008)	176	4.2	3829	90.6	110	2.6	106	2.5	6	0.1	4227	100.0
Aurangabad (2005-2008)	34	3.5	894	93.1	0	0.0	32	3.3	0	0.0	960	100.0
Kolkata (2006-2007)	22	0.5	4061	91.7	14	0.3	321	7.3	9	0.2	4427	100.0
Kollam (2006-2008)	103	2.4	3593	82.1	284	6.5	375	8.6	19	0.4	4374	100.0
Nagpur (2005-2007)	199	7.2	2483	90.2	2	0.1	69	2.5	1	0.0	2754	100.0
Pune (2006-2008)	294	6.5	3972	87.4	5	0.1	276	6.1	0	0.0	4547	100.0
Thiruvananthapuram (2005-2008)	66	2.3	2432	83.7	126	4.3	200	6.9	17	0.6	2904	100.0

* Updated as of February 2011