

POPULATION BASED CANCER REGISTRY, MUMBAI

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The Bombay Cancer Registry was established in June 1963 as a unit of the Indian Cancer Society at Bombay, with the aim of obtaining reliable morbidity and mortality data on cancer from a precisely defined urban population (Greater Bombay). The actual compilation of the data began in 1964. Until then, registration of cancer cases in a population had not been undertaken anywhere in India. Initially the registry functioned in collaboration with the Biometry Branch of the National Cancer Institute of USA and also received financial support from that branch till 1975. From 1976 to 1980 financial support was received from the Department of Science and Technology, Government of India and the Indian Cancer Society. Since 1981-82, the registry became part of the National Cancer Registry Programme under the Indian Council of Medical Research.

Information is obtained on all cancer patients diagnosed in 150 government hospitals/institutions and private hospitals/nursing homes in Bombay which are under the care of specialists, i.e., surgeons, physicians, pathologists, radiologists and gynaecologists. Many hospitals in Bombay are maintained by the Municipal Corporation and the State Government, which are responsible for the organization of public health care and medical services in the city. The major source of the data is the Tata Memorial Centre, which is a postgraduate teaching hospital. The city has five medical colleges. The diagnosis and treatment of cancer is centralised in certain hospitals. Cancer surgery is undertaken in the bigger hospitals and well equipped private nursing homes. Facilities for cobalt-60 therapy are available in five hospitals while orthovoltage deep X-ray therapy is available in fifteen hospitals in the city.

Staff of registry, visit the wards of all collaborating hospitals, at least once a week, to interview each cancer patient as well as those suspected of having cancer. All files maintained by the various departments of these hospitals are also checked. Care is taken to prevent duplication of an entry relating to a patient already registered.

Supplementary information is gleaned from the death records maintained by the Municipal Corporation. This makes it possible to check on missed cases. Every cancer death not traceable to an entry in the files is labeled as an unmatched death and is so registered for the corresponding year.

The registry covers the resident population of Greater Bombay, a densely populated metropolis on the west coast of India, occupying an area of 603 square kilometres situated between latitudes 18°54' to 19°16'N, and longitudes 70° 47' to 73°E. Greater Bombay is, in fact, an island, joined to the mainland by bridges, and has a warm, humid climate. Census of the population is taken at regular ten-year intervals, the last being taken in March 2001. The estimated population as on 1 July 1990 of Greater Bombay is 9.7 million. Immigration to Bombay continues unabated and the population now has sizeable numbers of people from every State in the Union. Greater Bombay is the only district in India, having cent percent urban population. It is the industrial heart of India and has a multi-religious and multi-lingual population, representing every state in the Union, approximately 68.8% being Hindus, 14.1% Muslims, 6.3% Christians, 4.8% Neo-Buddhists, and 4.1% Jains, 1.1% Parsis (Zoroastrians) and 0.1% Sikhs.

The reliability of the data and the quality of the registration have considerably improved. At present the percentage of microscopic confirmed cases is 76% and the percentage of cases diagnosed through death certificate alone is 7%. The ratio of mortality/incidence cases is 52%. Registry collects information on multiple cancers as per the guidelines and definition provided by the International Association of Cancer Registries.

Registry publishes yearly reports. Registry has published numerous articles in indexed journals and in monographs. The registry data is also used by public health workers for epidemiologic and other studies. Being the oldest registry in the country, the registry is a rich data source for studying time trends analysis in cancer incidence and mortality. Registry records follow-up information for selected primary sites.

Figure: MUM-1:
Population Pyramid showing Age Distribution: 1990-1996
Mumbai

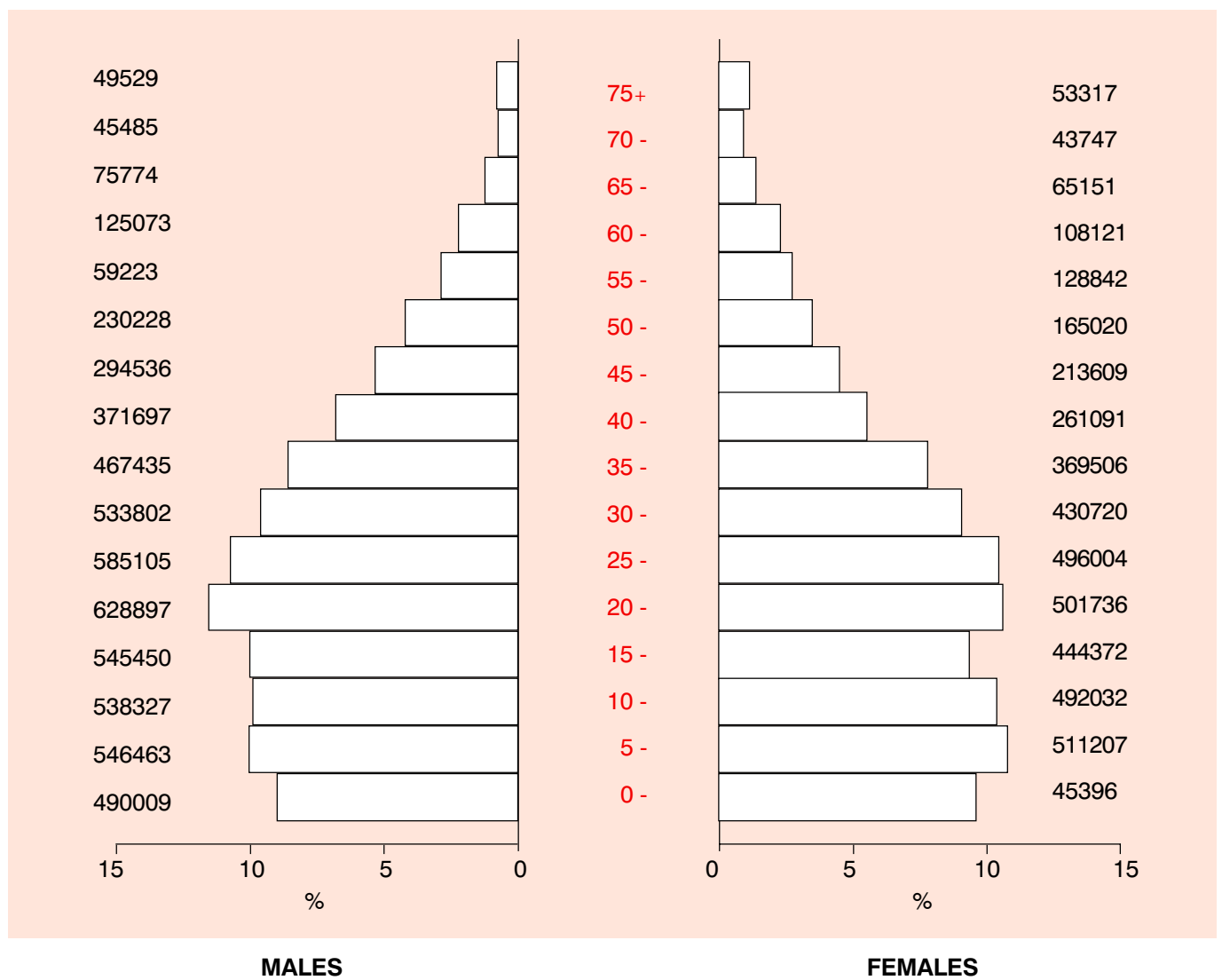


TABLE: MUM-1**Population by Five Year Age Group and Gender : 1990-1996***Number and Relative Proportion (%)***Mumbai**

Age Group	MALES		FEMALES		TOTAL	
	Number	%	Number	%	Number	%
0-4	490009	8.63	453967	9.58	943976	9.06
5-9	546463	9.63	511207	10.79	1057670	10.16
10-14	538327	9.48	492032	10.38	1030359	9.89
15-19	545450	9.61	444372	9.38	989822	9.50
20-24	628897	11.08	501736	10.59	1130633	10.86
25-29	585105	10.31	496004	10.47	1081109	10.38
30-34	522802	9.21	430720	9.09	953522	9.16
35-39	467435	8.24	369506	7.80	836941	8.04
40-44	371697	6.55	261091	5.51	632788	6.08
45-49	294536	5.19	213609	4.51	508145	4.88
50-54	230228	4.06	165020	3.48	395248	3.80
55-59	159223	2.81	128842	2.72	288065	2.77
60-64	125073	2.20	108121	2.28	233194	2.24
65-69	75774	1.33	65151	1.37	140925	1.35
70-74	45485	0.80	43747	0.92	89232	0.86
75+	49529	0.87	53317	1.13	102846	0.99
Total	5676033	100.0	4738442	100.0	10414475	100.0

TABLE: MUM-2**Main Sources* of Registration of Incident Cancers: 1990-1996****Mumbai**

Name of Institution	Year of Diagnosis and Relative Proportion (%)							1990-96	
	1990	1991	1992	1993	1994	1995	1996	Number	%
Tata Memorial Hospital	31.8	30.4	29.2	26.6	28.2	29.4	25.4	16030	28.6
BMC (DCO)	7.7	7.9	7.2	7.4	6.7	6.8	6.1	3964	7.1
Bombay Hospital	7.0	8.2	7.3	5.7	5.5	5.1	6.0	3573	6.4
King Edward Hospital	5.8	5.7	6.5	6.0	6.5	6.2	5.6	3379	6.0
Nanavati Hospital	4.9	4.7	4.3	4.3	4.4	4.6	5.6	2630	4.7
Small Nursing Homes	3.2	1.9	3.4	5.0	4.7	5.3	8.7	2611	4.7
LTMG Sion Hospital	3.6	3.5	3.1	3.6	4.4	4.3	4.6	2170	3.9
BYL Nair Hospital	3.5	3.4	3.3	3.7	4.0	3.4	3.5	1978	3.5
Private Practitioners	0.7	1.8	2.8	3.4	3.0	3.2	1.4	1303	2.3
Jaslok Hospital	3.0	2.6	2.1	2.1	1.7	2.1	2.4	1266	2.3
JJ Hospital	2.6	2.5	1.9	2.4	2.2	2.0	2.0	1241	2.2
National/Hinduja Hospital	1.7	1.7	1.8	2.2	2.2	2.5	2.1	1140	2.0
Ismaili General Hospital	1.2	1.2	1.9	2.2	2.3	2.6	2.0	1084	1.9
Shantiavadena	0.3	2.1	3.0	2.3	1.5	1.5	1.7	1001	1.8
Harkishan Das	2.0	2.2	1.6	1.8	1.7	1.5	1.4	978	1.7
R.N. Cooper Hospital	1.9	1.2	1.4	1.6	1.3	1.3	1.4	809	1.4
Breach Candy Hospital	1.5	1.0	1.2	1.2	1.4	1.5	1.5	755	1.3
Rajawadi Hospital	1.1	1.2	1.3	1.3	1.4	1.2	1.0	682	1.2
Bhatia Hospital	0.9	1.0	1.0	0.9	1.3	1.0	1.3	582	1.0
Lady Ratan Tata	0.1	1.5	0.9	0.9	1.1	1.1	1.5	567	1.0
Sushrusa	1.2	1.0	0.9	0.8	1.2	0.9	1.0	564	1.0
St George's Hospital	1.3	1.1	1.0	0.8	1.3	0.8	0.6	548	1.0
Total of above								48758	87
All Others								7286	13
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	56044	100.0

* 1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 1990-1996.

* 2. The numbers and proportion listed are the minimum number of cases. Institutions could have registered / reported more cases, since duplicate registrations and non-resident/registry cases are not included.

**TABLE: MUM-3(a): Number of Incident Cancers by Five Year Age Group and Site (ICD-9):
1990-1996 – Males**

% = Relative Proportion of Cancers of All Sites.

Mumbai

ICD-9	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	Total	%
140	Lip	0	1	0	0	0	1	3	5	9	22	12	15	11	4	6	5	94	0.32
141	Tongue	0	1	0	1	1	10	33	78	139	183	232	192	195	164	112	115	1456	5.03
142	Salivary Gland	1	0	1	4	4	8	8	10	17	17	13	12	19	15	11	8	148	0.51
143	Gum	0	0	0	0	2	4	10	16	32	54	54	43	38	31	18	26	328	1.13
144	Floor of Mouth	0	0	0	0	1	1	2	9	12	31	18	25	21	11	7	5	143	0.49
145	Other Mouth	0	0	0	1	11	18	49	101	122	146	170	158	138	105	52	59	1130	3.90
146	Oropharynx	0	0	0	0	1	6	8	32	50	88	109	91	101	72	59	55	672	2.32
147	Nasopharynx	2	4	5	11	8	8	6	10	16	11	18	25	15	18	7	7	171	0.59
148	Hypopharynx	1	0	1	1	5	6	25	48	92	158	204	222	275	197	146	138	1519	5.25
149	Pharynx Etc.	0	0	0	0	0	4	2	10	16	18	36	40	55	38	35	45	299	1.03
150	Oesophagus	0	0	0	2	6	7	21	48	114	168	263	289	319	257	204	264	1962	6.78
151	Stomach	1	1	1	5	9	21	32	52	80	147	216	202	225	206	159	170	1527	5.27
152	Small Intestine	0	0	0	0	2	0	0	5	5	10	11	9	7	11	8	9	77	0.27
153	Colon	0	0	1	4	17	15	29	50	66	87	100	100	124	78	74	100	845	2.92
154	Rectum	0	0	2	3	16	24	33	49	46	85	102	113	89	100	80	90	832	2.87
155	Liver	18	4	3	2	5	2	14	38	38	61	79	101	128	130	84	91	798	2.76
156	Gall Bladder	0	0	0	2	3	3	7	18	29	35	58	55	69	43	41	47	410	1.42
157	Pancreas	0	0	2	0	1	6	9	18	30	48	71	67	80	82	52	53	519	1.79
158	Retroperitoneum	5	0	2	3	0	4	9	2	8	7	12	9	10	5	6	5	87	0.30
159	Other Dig System	0	0	0	0	2	0	0	2	4	3	7	9	8	6	7	7	55	0.19
160	Nasal Cavity	0	2	1	3	5	6	8	13	23	21	38	31	27	22	13	13	226	0.78
161	Larynx	0	1	0	2	7	4	25	48	80	154	192	281	256	243	165	169	1627	5.62
162	Lung	1	0	0	2	13	18	41	59	117	197	326	401	498	418	341	294	2726	9.42
163	Pleura	1	0	0	2	1	0	4	5	4	4	8	8	15	18	7	6	83	0.29
164	Thymus	2	2	3	0	4	4	4	4	5	4	4	3	6	2	3	3	53	0.18
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.00
170	Bone	5	11	33	74	59	18	21	14	6	12	14	22	12	9	8	6	324	1.12
171	Conn. Tissue	22	13	14	20	20	28	21	28	30	32	37	24	37	25	11	25	387	1.34
172	Skin Melanoma	0	0	0	0	1	2	1	2	9	8	16	8	9	6	8	6	76	0.26
173	Skin. Other	1	0	1	3	6	9	18	27	23	34	46	54	39	39	28	51	379	1.31
175	Breast Male	0	0	0	0	0	0	2	5	9	8	11	14	14	15	12	10	100	0.35
185	Prostate	0	1	0	0	1	0	3	4	8	18	50	96	156	250	309	429	1325	4.58
186	Testis	14	3	3	20	41	56	57	33	29	17	14	7	14	7	8	5	328	1.13
187	Penis Etc.	0	0	1	0	4	6	15	36	29	28	47	33	37	42	29	41	348	1.20
188	Uri. Bladder	4	1	2	0	4	7	15	23	26	63	95	100	162	152	132	197	983	3.40
189	Kidney	33	13	3	4	2	4	7	23	32	49	51	64	82	64	41	33	505	1.74
190	Eye	43	7	2	0	1	1	3	3	0	1	6	3	2	0	1	0	73	0.25
191	Brain	45	84	54	39	60	59	77	100	94	97	80	93	64	48	37	39	1070	3.70
192	Nervous System	2	2	3	1	1	1	4	1	1	3	2	4	3	1	1	0	30	0.10
193	Thyroid Gland	0	2	1	3	15	9	13	16	10	22	23	27	19	21	9	22	212	0.73
194	Oth. Endo. Gland	27	10	5	4	3	4	0	3	0	4	0	2	1	1	1	1	66	0.23
195	Ill Def. Sites	3	0	0	2	5	2	3	4	5	9	14	6	11	12	6	10	92	0.32
196	Sec. Lymph. Node	2	0	1	2	7	8	9	13	36	60	81	65	89	62	50	51	536	1.85
197	Sec. Res. Etc	0	1	0	0	5	7	16	26	34	38	65	77	89	80	49	54	541	1.87
198	Sec. Other	2	2	1	2	1	3	7	14	23	29	27	44	52	39	33	32	311	1.07
199	Prim. Unknown	1	3	2	5	2	1	0	5	6	11	16	28	26	27	20	25	178	0.61
200	Lymphosarcoma	4	11	15	10	8	13	22	12	17	14	29	32	26	32	18	16	279	0.96
201	Hodgkins. Disease	14	42	30	22	26	38	24	29	27	27	27	26	21	11	10	9	383	1.32
202	Oth. Lymph. Node	14	22	27	34	49	64	55	63	73	62	92	83	91	90	67	66	952	3.29
203	Mult. Myeloma	0	0	0	0	0	1	2	4	7	26	40	50	42	31	40	25	268	0.93
204	Leuk. Lymphatic	100	86	72	70	42	25	15	10	19	14	23	20	25	21	16	27	585	2.02
205	Leuk. Myelocytic	20	25	27	30	48	61	62	58	61	46	62	50	35	34	23	23	665	2.30
206	Leuk. Monocytic	1	0	0	1	0	1	1	0	0	0	1	0	1	0	0	1	7	0.02
207	Leuk. Misc.	1	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	4	0.01
208	Leuk. Unspecified	17	13	16	22	11	8	8	5	10	7	8	10	5	7	6	5	158	0.55
	All Sites	407	368	335	416	546	617	863	1291	1778	2498	3330	3544	3894	3402	2671	2993	28953	100.00

**TABLE: MUM-3(b):Number of Incident Cancers by Five Year Age Group and Site (ICD-9):
1990-1996 – Females**

% = Relative Proportion of Cancers of All Sites.

Mumbai

ICD-9	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	Total	%
140	Lip	0	0	0	1	0	1	0	2	1	7	13	10	11	10	1	5	62	0.23
141	Tongue	0	0	0	0	3	7	14	30	42	50	59	76	70	53	35	49	488	1.80
142	Salivary Gland	0	0	2	3	6	6	7	9	8	10	6	2	10	2	5	8	84	0.31
143	Gum	0	0	0	0	1	5	3	13	22	21	38	36	36	27	18	24	244	0.90
144	Floor of Mouth	0	0	0	0	0	0	0	2	2	3	2	2	4	1	4	1	21	0.08
145	Other Mouth	0	1	0	2	6	7	18	40	55	72	97	87	92	63	54	60	654	2.41
146	Oropharynx	0	0	0	0	1	2	3	6	5	5	5	10	11	11	11	13	83	0.31
147	Nasopharynx	1	1	3	4	5	3	2	4	6	4	7	6	6	5	4	6	67	0.25
148	Hypopharynx	0	0	0	1	5	10	15	36	29	52	60	40	66	36	29	32	411	1.52
149	Pharynx Etc.	0	0	0	1	1	3	2	3	5	7	7	11	14	12	7	15	88	0.32
150	Oesophagus	0	0	0	0	5	16	24	41	69	136	184	166	202	179	122	210	1354	5.00
151	Stomach	0	0	0	4	4	9	23	35	47	58	89	69	108	71	68	96	681	2.51
152	Small Intestine	0	0	0	0	3	1	2	2	1	4	7	5	3	4	4	4	40	0.15
153	Colon	1	0	0	2	5	17	20	31	44	62	57	69	85	81	63	86	623	2.30
154	Rectum	0	0	2	4	10	15	13	29	40	64	51	47	67	59	63	58	522	1.93
155	Liver	14	0	0	2	2	6	3	12	17	32	35	28	50	55	41	57	354	1.31
156	Gall Bladder	0	0	0	1	1	9	10	33	37	59	83	65	73	65	43	61	540	1.99
157	Pancreas	0	0	0	0	1	5	8	16	20	23	46	51	39	51	41	41	342	1.26
158	Retroperitoneum	2	1	0	1	1	1	0	3	8	8	8	8	11	12	5	11	80	0.30
159	Other Dig System	0	0	0	0	0	1	0	3	4	4	7	8	4	6	8	11	56	0.21
160	Nasal Cavity	1	0	0	3	5	2	3	4	13	15	26	15	22	13	13	9	144	0.53
161	Larynx	0	2	0	0	1	2	9	12	20	32	29	33	33	32	24	33	262	0.97
162	Lung	0	1	2	1	5	10	18	29	52	67	69	73	99	83	80	103	692	2.55
163	Pleura	0	1	0	1	0	0	3	4	4	5	4	7	9	4	6	13	61	0.23
164	Thymus	3	0	2	2	1	0	1	2	5	1	1	1	3	1	0	1	24	0.09
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	4	16	26	23	12	11	4	9	7	5	8	6	7	6	9	11	164	0.61
171	Conn. Tissue	14	7	10	12	15	13	9	20	24	18	23	19	25	16	14	6	245	0.90
172	Skin Melanoma	1	0	0	0	2	1	1	5	0	4	6	5	8	5	6	6	50	0.18
173	Skin. Other	0	1	2	4	5	4	12	13	19	28	28	32	32	33	35	37	285	1.05
174	Breast	0	1	1	5	35	146	334	631	844	909	939	772	766	510	392	403	6688	24.69
179	Uterus NOS.	0	0	0	0	1	1	1	7	19	20	25	27	33	20	34	30	218	0.80
180	Cervix	0	0	0	0	18	87	200	444	567	643	604	493	436	291	182	160	4125	15.23
181	Placenta	0	1	1	3	14	20	7	5	1	3	1	0	0	1	1	1	59	0.22
182	Body Uterus	0	0	1	0	3	2	5	16	38	62	74	82	101	69	40	46	539	1.99
183	Ovary	6	12	20	37	44	47	65	122	206	228	250	214	186	126	78	105	1746	6.44
184	Vagina	1	0	0	0	5	4	13	19	22	19	34	24	36	22	34	27	260	0.96
188	Uri. Bladder	3	0	0	1	3	2	2	5	15	16	16	24	34	41	24	51	237	0.87
189	Kidney	26	13	2	3	3	1	7	7	10	20	17	19	31	26	18	14	217	0.80
190	Eye	27	6	2	0	1	0	2	0	2	0	1	0	0	3	0	2	46	0.17
191	Brain	28	45	51	36	33	38	37	43	56	48	48	38	41	30	19	24	615	2.27
192	Nervous System	1	2	5	0	1	1	2	0	0	4	1	0	0	0	2	0	19	0.07
193	Thyroid Gland	0	2	1	14	40	56	68	36	48	41	46	36	40	31	28	28	515	1.90
194	Oth. Endo. Gland	24	3	4	3	2	2	2	2	1	0	1	3	1	2	0	0	50	0.18
195	Ill Def. Sites	6	2	1	4	2	3	2	4	6	7	10	10	12	6	6	21	102	0.38
196	Sec. Lymph. Node	0	2	1	2	1	6	11	11	15	20	29	32	32	29	29	25	245	0.90
197	Sec. Res. Etc	3	1	0	1	3	9	6	18	27	39	56	65	55	57	40	51	431	1.59
198	Sec. Other	0	0	1	0	5	3	7	17	12	22	25	21	26	26	18	24	207	0.76
199	Prim. Unknown	3	0	3	0	5	3	3	6	7	14	18	12	13	21	19	27	154	0.57
200	Lymphosarcoma	2	7	6	4	4	8	3	11	7	10	19	12	19	10	13	12	147	0.54
201	Hodgkins. Disease	3	11	8	6	18	14	12	4	11	15	11	6	12	6	10	5	152	0.56
202	Oth. Lymph. Node	11	13	16	12	12	20	18	33	33	35	45	66	58	54	37	50	513	1.89
203	Mult. Myeloma	0	0	0	0	0	1	1	9	8	17	25	35	32	31	27	18	204	0.75
204	Leuk. Lymphatic	69	52	24	35	7	16	9	11	4	9	11	9	11	16	8	20	311	1.15
205	Leuk. Myelocytic	19	15	20	21	32	36	36	31	26	31	47	39	26	24	18	22	443	1.64
206	Leuk. Monocytic	0	0	0	0	0	0	2	0	0	0	0	0	2	0	0	0	4	0.01
207	Leuk. Misc.	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1	5	0.02
208	Leuk. Unspecified	17	15	9	7	6	6	7	2	5	4	5	5	6	11	7	6	118	0.44
	All Sites	290	234	226	267	404	699	1089	1943	2596	3092	3414	3031	3209	2459	1898	2240	27091	100.00

TABLE: MUM-4(a):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 Yrs) (TR) Incidence Rate per 100,000 population: 1990-1996 - Males
Mumbai

ICD-9	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
140	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	1.1	0.7	1.3	1.3	0.8	1.9	1.4	0.2	0.3	0.0	0.8
141	0.0	0.0	0.0	0.0	0.0	0.2	0.9	2.4	5.3	8.9	14.4	17.2	22.3	30.9	35.2	33.2	3.7	5.7	0.2	10.6
142	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.3	0.7	0.8	0.8	1.1	2.2	2.8	3.5	2.3	0.4	0.5	0.0	0.9
143	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.2	2.6	3.4	3.9	4.3	5.8	5.7	7.5	0.8	1.2	0.1	2.4
144	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.5	1.1	2.2	2.4	2.1	2.2	1.4	0.4	0.5	0.0	1.2
145	0.0	0.0	0.0	0.0	0.2	0.4	1.3	3.1	4.7	7.1	10.5	14.2	15.8	19.8	16.3	17.0	2.8	4.0	0.1	8.4
146	0.0	0.0	0.0	0.0	0.0	0.1	0.2	1.0	1.9	4.3	6.8	8.2	11.5	13.6	18.5	15.9	1.7	2.7	0.1	5.0
147	0.1	0.1	0.1	0.3	0.2	0.2	0.2	0.3	0.6	0.5	1.1	2.2	1.7	3.4	2.2	2.0	0.4	0.6	0.0	1.0
148	0.0	0.0	0.0	0.0	0.1	0.1	0.7	1.5	3.5	7.7	12.7	19.9	31.4	37.1	45.9	39.8	3.8	6.3	0.2	11.1
149	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.6	0.9	2.2	3.6	6.3	7.2	11.0	13.0	0.8	1.3	0.1	2.0
150	0.0	0.0	0.0	0.1	0.1	0.2	0.6	1.5	4.4	8.1	16.3	25.9	36.4	48.5	64.1	76.1	4.9	8.5	0.2	13.4
151	0.0	0.0	0.0	0.1	0.2	0.5	0.9	1.6	3.1	7.1	13.4	18.1	25.7	38.8	49.9	49.0	3.8	6.4	0.2	10.1
152	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5	0.7	0.8	0.8	2.1	2.5	2.6	0.2	0.3	0.0	0.5
153	0.0	0.0	0.0	0.1	0.4	0.4	0.8	1.5	2.5	4.2	6.2	9.0	14.2	14.7	23.2	28.8	2.1	3.3	0.1	5.6
154	0.0	0.0	0.1	0.1	0.4	0.6	0.9	1.5	1.8	4.1	6.3	10.1	10.2	18.9	25.1	26.0	2.1	3.3	0.1	5.1
155	0.5	0.1	0.1	0.1	0.1	0.0	0.4	1.2	1.5	3.0	4.9	9.1	14.6	24.5	26.4	26.2	2.0	3.4	0.1	4.9
156	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.6	1.1	1.7	3.6	4.9	7.9	8.1	12.9	13.6	1.0	1.7	0.1	2.9
157	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.6	1.2	2.3	4.4	6.0	9.1	15.5	16.3	15.3	1.3	2.2	0.1	3.4
158	0.1	0.0	0.1	0.1	0.0	0.1	0.2	0.1	0.3	0.3	0.7	0.8	1.1	0.9	1.9	1.4	0.2	0.3	0.0	0.5
159	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.4	0.8	0.9	1.1	2.2	2.0	0.1	0.2	0.0	0.4
160	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.4	0.9	1.0	2.4	2.8	3.1	4.1	4.1	3.7	0.6	0.8	0.1	1.6
161	0.0	0.0	0.0	0.1	0.2	0.1	0.7	1.5	3.1	7.5	11.9	25.2	29.2	45.8	51.8	48.7	4.1	6.9	0.2	11.3
162	0.0	0.0	0.0	0.1	0.3	0.4	1.1	1.8	4.5	9.6	20.2	36.0	56.9	78.8	107.1	84.8	6.9	12.0	0.2	18.3
163	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.5	0.7	1.7	3.4	2.2	1.7	0.2	0.3	0.0	0.5
164	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.7	0.4	0.9	0.9	0.1	0.2	0.0	0.3
165	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	0.1	0.3	0.9	1.9	1.3	0.4	0.6	0.4	0.2	0.6	0.9	2.0	1.4	1.7	2.5	1.7	0.8	0.9	0.1	0.8
171	0.6	0.3	0.4	0.5	0.5	0.7	0.6	0.9	1.2	1.6	2.3	2.2	4.2	4.7	3.5	7.2	1.0	1.3	0.1	1.9
172	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.4	1.0	0.7	1.0	1.1	2.5	1.7	0.2	0.3	0.0	0.5
173	0.0	0.0	0.0	0.1	0.1	0.2	0.5	0.8	0.9	1.6	2.9	4.8	4.5	7.4	8.8	14.7	1.0	1.5	0.1	2.3
175	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.7	1.3	1.6	2.8	3.8	2.9	0.3	0.4	0.0	0.7
185	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.9	3.1	8.6	17.8	47.1	97.0	123.7	3.3	7.1	0.2	4.2
186	0.4	0.1	0.1	0.5	0.9	1.4	1.6	1.0	1.1	0.8	0.9	0.6	1.6	1.3	2.5	1.4	0.8	0.8	0.0	1.0
187	0.0	0.0	0.0	0.0	0.1	0.1	0.4	1.1	1.1	1.4	2.9	3.0	4.2	7.9	9.1	11.8	0.9	1.3	0.1	2.1
188	0.1	0.0	0.1	0.0	0.1	0.2	0.4	0.7	1.0	3.1	5.9	9.0	18.5	28.7	41.5	56.8	2.5	4.6	0.2	5.4
189	1.0	0.3	0.1	0.1	0.0	0.1	0.2	0.7	1.2	2.4	3.2	5.7	9.4	12.1	12.9	9.5	1.3	2.0	0.1	3.3
190	1.3	0.2	0.1	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.4	0.3	0.2	0.0	0.3	0.0	0.2	0.2	0.0	0.2
191	1.3	2.2	1.4	1.0	1.4	1.4	2.1	3.1	3.6	4.7	5.0	8.3	7.3	9.0	11.6	11.2	2.7	3.2	0.1	5.0
192	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.1	0.4	0.3	0.2	0.3	0.0	0.1	0.1	0.0	0.2
193	0.0	0.1	0.0	0.1	0.3	0.2	0.4	0.5	0.4	1.1	1.4	2.4	2.2	4.0	2.8	6.3	0.5	0.8	0.1	1.2
194	0.8	0.3	0.1	0.1	0.1	0.1	0.0	0.1	0.0	0.2	0.0	0.2	0.1	0.2	0.3	0.3	0.2	0.2	0.0	0.1
195	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.2	0.4	0.9	0.5	1.3	2.3	1.9	2.9	0.2	0.4	0.0	0.5
196	0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.4	1.4	2.9	5.0	5.8	10.2	11.7	15.7	14.7	1.3	2.2	0.1	3.8
197	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.8	1.3	1.8	4.0	6.9	10.2	15.1	15.4	15.6	1.4	2.2	0.1	3.6
198	0.1	0.1	0.0	0.1	0.0	0.1	0.2	0.4	0.9	1.4	1.7	3.9	5.9	7.4	10.4	9.2	0.8	1.3	0.1	2.1
199	0.0	0.1	0.1	0.1	0.0	0.0	0.0	0.2	0.2	0.5	1.0	2.5	3.0	5.1	6.3	7.2	0.4	0.8	0.1	1.0
200	0.1	0.3	0.4	0.3	0.2	0.3	0.6	0.4	0.7	0.7	1.8	2.9	3.0	6.0	5.7	4.6	0.7	1.0	0.1	1.4
201	0.4	1.1	0.8	0.6	0.6	0.9	0.7	0.9	1.0	1.3	1.7	2.3	2.4	2.1	3.1	2.6	1.0	1.1	0.1	1.5
202	0.4	0.6	0.7	0.9	1.1	1.6	1.5	1.9	2.8	3.0	5.7	7.4	10.4	17.0	21.0	19.0	2.4	3.3	0.1	4.7
203	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	1.3	2.5	4.5	4.8	5.8	12.6	7.2	0.7	1.2	0.1	1.9
204	2.9	2.2	1.9	1.8	1.0	0.6	0.4	0.3	0.7	0.7	1.4	1.8	2.9	4.0	5.0	7.8	1.5	1.8	0.1	1.2
205	0.6	0.7	0.7	0.8	1.1	1.5	1.7	1.8	2.3	2.2	3.8	4.5	4.0	6.4	7.2	6.6	1.7	2.0	0.1	2.9
206	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0
207	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0
208	0.5	0.3	0.4	0.6	0.2	0.2	0.2	0.2	0.4	0.3	0.5	0.9	0.6	1.3	1.9	1.4	0.4	0.5	0.0	0.4
All	11.7	9.7	8.9	11.2	12.0	14.5	23.8	40.1	68.3	121.1	206.6	317.8	444.9	641.5	838.9	862.6	72.9	115.4	0.7	176.1

TABLE: MUM-4(b):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 Yrs) (TR) Incidence Rate per 100,000 population: 1990-1996 - Females
Mumbai

ICD-9	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
140	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	1.1	1.1	1.5	2.2	0.3	1.3	0.2	0.3	0.0	0.6
141	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.2	2.3	3.3	5.1	8.4	9.2	11.6	11.4	13.1	1.5	2.3	0.1	4.4
142	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.3	0.4	0.7	0.5	0.2	1.3	0.4	1.6	2.1	0.3	0.3	0.0	0.6
143	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	1.2	1.4	3.3	4.0	4.8	5.9	5.9	6.4	0.7	1.1	0.1	2.3
144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2	0.5	0.2	1.3	0.3	0.1	0.1	0.0	0.2
145	0.0	0.0	0.0	0.1	0.2	0.2	0.6	1.5	3.0	4.8	8.4	9.6	12.2	13.8	17.6	16.1	2.0	3.0	0.1	6.0
146	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.3	0.4	1.1	1.5	2.4	3.6	3.5	0.3	0.4	0.0	0.6
147	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.6	0.7	0.8	1.1	1.3	1.6	0.2	0.3	0.0	0.4
148	0.0	0.0	0.0	0.0	0.1	0.3	0.5	1.4	1.6	3.5	5.2	4.4	8.7	7.9	9.5	8.6	1.2	1.8	0.1	3.8
149	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.5	0.6	1.2	1.8	2.6	2.3	4.0	0.3	0.4	0.0	0.7
150	0.0	0.0	0.0	0.0	0.1	0.5	0.8	1.6	3.8	9.1	15.9	18.4	26.7	39.2	39.8	56.3	4.1	6.7	0.2	11.2
151	0.0	0.0	0.0	0.1	0.1	0.3	0.8	1.4	2.6	3.9	7.7	7.7	14.3	15.6	22.2	25.7	2.1	3.2	0.1	5.6
152	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.1	0.3	0.6	0.6	0.4	0.9	1.3	1.1	0.1	0.2	0.0	0.3
153	0.0	0.0	0.0	0.1	0.1	0.5	0.7	1.2	2.4	4.1	4.9	7.7	11.2	17.8	20.6	23.0	1.9	3.0	0.1	4.7
154	0.0	0.0	0.1	0.1	0.3	0.4	0.4	1.1	2.2	4.3	4.4	5.2	8.9	12.9	20.6	15.5	1.6	2.4	0.1	4.0
155	0.4	0.0	0.0	0.1	0.1	0.2	0.1	0.5	0.9	2.1	3.0	3.1	6.6	12.1	13.4	15.3	1.1	1.8	0.1	2.4
156	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.3	2.0	3.9	7.2	7.2	9.6	14.3	14.0	16.3	1.6	2.5	0.1	4.7
157	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.5	4.0	5.7	5.2	11.2	13.4	11.0	1.0	1.7	0.1	2.7
158	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.5	0.7	0.9	1.5	2.6	1.6	2.9	0.2	0.4	0.0	0.6
159	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.6	0.9	0.5	1.3	2.6	2.9	0.2	0.3	0.0	0.4
160	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.7	1.0	2.3	1.7	2.9	2.9	4.2	2.4	0.4	0.7	0.1	1.3
161	0.0	0.1	0.0	0.0	0.0	0.1	0.3	0.5	1.1	2.1	2.5	3.7	4.4	7.0	7.8	8.8	0.8	1.2	0.1	2.2
162	0.0	0.0	0.1	0.0	0.1	0.3	0.6	1.1	2.8	4.5	6.0	8.1	13.1	18.2	26.1	27.6	2.1	3.4	0.1	5.3
163	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.3	0.3	0.8	1.2	0.9	2.0	3.5	0.2	0.3	0.0	0.4
164	0.1	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.3	0.1	0.1	0.1	0.4	0.2	0.0	0.3	0.1	0.1	0.0	0.2
165	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	0.1	0.4	0.8	0.7	0.3	0.3	0.1	0.3	0.4	0.3	0.7	0.7	0.9	1.3	2.9	2.9	0.5	0.6	0.0	0.5
171	0.4	0.2	0.3	0.4	0.4	0.4	0.3	0.8	1.3	1.2	2.0	2.1	3.3	3.5	4.6	1.6	0.7	1.0	0.1	1.7
172	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.2	0.0	0.3	0.5	0.6	1.1	1.1	2.0	1.6	0.2	0.2	0.0	0.4
173	0.0	0.0	0.1	0.1	0.1	0.1	0.4	0.5	1.0	1.9	2.4	3.5	4.2	7.2	11.4	9.9	0.9	1.3	0.1	2.1
174	0.0	0.0	0.0	0.2	1.0	4.2	11.1	24.4	46.2	60.8	81.3	85.6	101.2	111.8	128.0	108.0	20.2	28.6	0.4	62.6
179	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	1.3	2.2	3.0	4.4	4.4	11.1	8.0	0.7	1.1	0.1	1.8
180	0.0	0.0	0.0	0.0	0.5	2.5	6.6	17.2	31.0	43.0	52.3	54.7	57.6	63.8	59.4	42.9	12.4	17.2	0.3	40.6
181	0.0	0.0	0.0	0.1	0.4	0.6	0.2	0.2	0.1	0.2	0.1	0.0	0.0	0.2	0.3	0.3	0.2	0.2	0.0	0.1
182	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.6	2.1	4.1	6.4	9.1	13.3	15.1	13.1	12.3	1.6	2.6	0.1	5.3
183	0.2	0.3	0.6	1.2	1.3	1.4	2.2	4.7	11.3	15.2	21.6	23.7	24.6	27.6	25.5	28.1	5.3	7.3	0.2	15.8
184	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.7	1.2	1.3	2.9	2.7	4.8	4.8	11.1	7.2	0.8	1.2	0.1	2.1
188	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.8	1.1	1.4	2.7	4.5	9.0	7.8	13.7	0.7	1.2	0.1	1.5
189	0.8	0.4	0.1	0.1	0.1	0.0	0.2	0.3	0.5	1.3	1.5	2.1	4.1	5.7	5.9	3.8	0.7	1.0	0.1	1.5
190	0.8	0.2	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.0	0.0	0.7	0.0	0.5	0.1	0.2	0.0	0.0
191	0.9	1.3	1.5	1.2	0.9	1.1	1.2	1.7	3.1	3.2	4.2	4.2	5.4	6.6	6.2	6.4	1.9	2.2	0.1	3.4
192	0.0	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.1	0.0	0.0	0.0	0.7	0.0	0.1	0.1	0.0	0.1
193	0.0	0.1	0.0	0.5	1.1	1.6	2.3	1.4	2.6	2.7	4.0	4.0	5.3	6.8	9.1	7.5	1.6	1.9	0.1	3.1
194	0.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.3	0.1	0.4	0.0	0.0	0.2	0.2	0.0	0.1
195	0.2	0.1	0.0	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.9	1.1	1.6	1.3	2.0	5.6	0.3	0.5	0.0	0.7
196	0.0	0.1	0.0	0.1	0.0	0.2	0.4	0.4	0.8	1.3	2.5	3.5	4.2	6.4	9.5	6.7	0.7	1.2	0.1	1.9
197	0.1	0.0	0.0	0.0	0.1	0.3	0.2	0.7	1.5	2.6	4.8	7.2	7.3	12.5	13.1	13.7	1.3	2.1	0.1	3.6
198	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.7	0.7	1.5	2.2	2.3	3.4	5.7	5.9	6.4	0.6	1.0	0.1	1.6
199	0.1	0.0	0.1	0.0	0.1	0.1	0.1	0.2	0.4	0.9	1.6	1.3	1.7	4.6	6.2	7.2	0.5	0.7	0.1	0.9
200	0.1	0.2	0.2	0.1	0.1	0.2	0.1	0.4	0.4	0.7	1.6	1.3	2.5	2.2	4.2	3.2	0.4	0.6	0.1	1.0
201	0.1	0.3	0.2	0.2	0.5	0.4	0.4	0.2	0.6	1.0	1.0	0.7	1.6	1.3	3.3	1.3	0.5	0.6	0.0	0.8
202	0.3	0.4	0.5	0.4	0.3	0.6	0.6	1.3	1.8	2.3	3.9	7.3	7.7	11.8	12.1	13.4	1.5	2.2	0.1	3.6
203	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	1.1	2.2	3.9	4.2	6.8	8.8	4.8	0.6	1.0	0.1	1.8
204	2.2	1.5	0.7	1.1	0.2	0.5	0.3	0.4	0.2	0.6	1.0	1.0	1.5	3.5	2.6	5.4	0.9	1.1	0.1	0.7
205	0.6	0.4	0.6	0.7	0.9	1.0	1.2	1.2	1.4	2.1	4.1	4.3	3.4	5.3	5.9	5.9	1.3	1.6	0.1	2.6
206	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0
208	0.5	0.4	0.3	0.2	0.2	0.2	0.2	0.1	0.3	0.3	0.4	0.6	0.8	2.4	2.3	1.6	0.4	0.5	0.0	0.4
All	8.9	6.6	6.8	8.4	10.9	20.4	36.3	75.4	142.0	206.6	295.7	336.2	424.2	539.0	619.7	599.8	82.1	119.1	0.8	227.9

TABLE: MUM-5(a):
Trends in Crude (CR) & Age Adjusted (AAR) Cancer Incidence Rates from 1990 to 1996 - Males
Mumbai

ICD-9	Site	1990		1991		1992		1993		1994		1995		1996	
		CR	AAR	CR	AAR	CR	AAR	CR	AAR	CR	AAR	CR	AAR	CR	AAR
140	Lip	0.4	0.6	0.2	0.2	0.2	0.4	0.3	0.3	0.2	0.3	0.2	0.4	0.2	0.2
141	Tongue	3.9	6.3	3.4	5.4	3.8	6.0	3.5	5.5	3.8	5.7	3.8	5.7	3.6	5.3
142	Salivary Gland	0.4	0.7	0.5	0.7	0.4	0.6	0.3	0.3	0.4	0.5	0.3	0.4	0.4	0.5
143	Gum	0.7	1.0	1.0	1.4	0.8	1.3	0.8	1.1	0.7	0.9	1.1	1.6	0.7	1.1
144	Floor of Mouth	0.5	0.7	0.3	0.4	0.5	0.6	0.3	0.5	0.3	0.5	0.3	0.5	0.4	0.6
145	Other Mouth	3.1	4.5	2.7	3.9	2.7	3.6	2.8	4.2	2.6	3.5	2.8	3.8	3.3	4.5
146	Oropharynx	2.1	3.4	1.8	2.9	1.7	2.7	1.4	2.2	2.0	3.2	1.5	2.3	1.5	2.2
147	Nasopharynx	0.5	0.7	0.4	0.6	0.6	0.8	0.5	0.7	0.4	0.6	0.4	0.5	0.3	0.4
148	Hypopharynx	4.7	7.6	4.0	6.9	3.8	6.3	3.6	6.3	3.4	5.4	3.7	6.0	3.7	6.1
149	Pharynx Etc.	1.0	1.8	0.8	1.5	0.6	1.1	0.8	1.3	0.8	1.5	0.6	1.0	0.8	1.2
150	Oesophagus	5.3	9.1	5.1	8.9	5.0	8.8	5.3	9.1	4.3	7.4	5.2	8.7	4.5	7.6
151	Stomach	4.2	7.1	3.9	6.7	3.8	6.3	3.7	6.1	3.6	6.0	3.7	6.1	4.1	6.6
152	Small Intestine	0.2	0.3	0.1	0.2	0.3	0.4	0.1	0.2	0.2	0.3	0.1	0.2	0.4	0.6
153	Colon	2.4	3.8	1.9	3.2	2.1	3.2	1.9	3.1	2.6	4.2	1.9	2.7	2.0	3.2
154	Rectum	2.3	3.9	2.1	3.4	2.2	3.5	1.8	2.8	1.8	2.7	2.3	3.5	2.2	3.4
155	Liver	1.9	3.6	1.9	3.4	1.8	3.0	2.2	3.7	1.9	3.1	2.1	3.6	2.2	3.6
156	Gall Bladder	1.0	1.7	1.1	1.8	1.0	1.6	1.0	1.6	1.0	1.6	1.1	1.8	1.0	1.7
157	Pancreas	0.9	1.6	1.3	2.2	1.2	2.0	1.8	3.0	1.3	2.2	1.3	2.3	1.3	2.1
158	Retroperitoneum	0.2	0.2	0.3	0.4	0.2	0.3	0.4	0.5	0.2	0.4	0.1	0.2	0.2	0.3
159	Other Dig System	0.0	0.0	0.2	0.3	0.1	0.2	0.1	0.2	0.2	0.3	0.2	0.3	0.1	0.2
160	Nasal Cavity	0.7	1.0	0.7	0.9	0.4	0.7	0.6	1.0	0.7	1.0	0.5	0.7	0.4	0.5
161	Larynx	4.8	8.1	3.8	6.4	4.1	6.9	4.1	7.2	4.1	7.0	4.0	6.7	3.9	6.4
162	Lung	7.5	13.3	7.0	12.2	6.9	12.0	6.4	11.4	6.7	11.8	6.5	11.5	7.1	11.9
163	Pleura	0.1	0.2	0.2	0.2	0.1	0.3	0.3	0.5	0.2	0.4	0.2	0.4	0.3	0.5
164	Thymus	0.2	0.2	0.1	0.1	0.1	0.1	0.2	0.3	0.2	0.2	0.1	0.1	0.2	0.2
165	Other Resp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	Bone	0.8	0.9	0.7	0.8	0.9	1.0	1.1	1.1	0.5	0.6	0.8	0.9	0.9	0.9
171	Conn. Tissue	0.8	1.1	0.9	1.2	1.0	1.2	1.1	1.5	1.1	1.4	0.8	0.9	1.1	1.5
172	Skin Melanoma	0.1	0.3	0.2	0.3	0.2	0.4	0.2	0.4	0.1	0.1	0.2	0.2	0.3	0.5
173	Skin. Other	1.2	2.1	0.8	1.1	1.0	1.4	0.9	1.4	1.0	1.6	0.8	1.3	1.0	1.5
175	Breast Male	0.3	0.7	0.3	0.6	0.4	0.7	0.2	0.2	0.2	0.3	0.2	0.4	0.2	0.3
185	Prostate	3.3	7.2	3.2	6.9	3.3	7.3	3.2	7.1	3.1	6.5	3.2	6.6	4.0	8.2
186	Testis	0.7	0.7	1.0	0.9	0.9	1.0	0.7	0.7	0.9	0.9	0.6	0.7	0.9	0.9
187	Penis Etc.	0.9	1.3	1.0	1.6	0.8	1.3	0.9	1.3	0.9	1.4	0.7	1.2	0.9	1.3
188	Uri. Bladder	2.2	4.2	2.2	4.2	2.8	5.3	2.3	4.3	2.7	4.9	2.5	4.4	2.6	4.7
189	Kidney	1.4	2.2	1.3	2.0	1.3	2.0	1.0	1.7	1.4	2.2	1.3	2.1	1.3	2.1
190	Eye	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3	0.1	0.1
191	Brain	2.4	2.9	2.9	3.8	3.0	3.4	2.7	3.2	2.3	2.8	2.7	3.2	2.9	3.5
192	Nervous System	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.2
193	Thyroid Gland	0.5	0.6	0.6	0.8	0.6	0.8	0.6	0.8	0.5	0.7	0.5	0.7	0.6	0.8
194	Oth. Endo. Gland	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.3	0.2	0.2	0.2	0.2
195	Ill Def. Sites	0.2	0.2	0.3	0.5	0.3	0.4	0.3	0.3	0.2	0.3	0.2	0.3	0.3	0.4
196	Sec. Lymph. Node	1.5	2.6	1.7	2.8	1.1	1.8	1.5	2.6	1.5	2.5	1.1	1.7	1.1	1.6
197	Sec. Res. Etc	1.5	2.8	1.4	2.4	1.3	2.0	1.4	2.1	1.6	2.7	1.3	2.2	1.1	1.7
198	Sec. Other	1.1	1.9	0.8	1.2	0.6	1.0	0.9	1.4	0.7	1.2	0.7	1.0	0.8	1.3
199	Prim. Unknown	0.4	0.8	0.4	0.6	0.4	0.8	0.5	0.8	0.5	0.8	0.4	0.7	0.6	1.0
200	Lymphosarcoma	0.8	1.1	0.7	1.1	0.9	1.4	0.7	1.0	0.7	1.0	0.6	0.7	0.5	0.7
201	Hodgkins. Disease	1.1	1.3	1.3	1.5	1.0	1.2	1.0	1.1	0.7	0.7	0.8	0.8	0.9	1.0
202	Oth. Lymph. Node	1.9	2.8	1.8	2.5	2.3	3.1	2.5	3.4	2.6	4.0	2.9	3.9	2.7	3.5
203	Mult. Myeloma	0.7	1.2	0.7	1.1	0.8	1.4	0.6	1.0	0.7	1.3	0.5	0.9	0.8	1.3
204	Leuk. Lymphatic	1.0	1.3	1.3	1.6	1.3	1.6	1.8	2.3	1.3	1.6	1.7	2.1	1.7	2.1
205	Leuk. Myelocytic	1.9	2.1	1.4	1.5	1.9	2.4	1.7	2.1	1.8	2.0	1.6	1.8	1.6	1.9
206	Leuk. Monocytic	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
207	Leuk. Misc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0
208	Leuk. Unspecified	0.4	0.5	0.5	0.5	0.2	0.3	0.3	0.4	0.3	0.4	0.5	0.5	0.6	0.8
	All Sites	76.4	124.8	71.5	115.8	72.9	115.9	72.6	115.6	71.5	113.2	71.0	110.7	74.4	114.5

TABLE: MUM-5(b):
Trends in Crude (CR)& Age Adjusted (AAR) Cancer Incidence Rates from 1990 to 1996 - Females
Mumbai

ICD-9	Site	1990		1991		1992		1993		1994		1995		1996	
		CR	AAR	CR	AAR	CR	AAR	CR	AAR	CR	AAR	CR	AAR	CR	AAR
140	Lip	0.1	0.2	0.2	0.4	0.2	0.4	0.2	0.2	0.2	0.3	0.2	0.3	0.2	0.3
141	Tongue	1.6	2.5	1.1	1.7	1.6	2.4	1.6	2.5	1.3	1.9	1.3	2.0	1.9	2.7
142	Salivary Gland	0.2	0.3	0.2	0.3	0.3	0.4	0.2	0.2	0.2	0.2	0.3	0.4	0.3	0.4
143	Gum	0.7	1.1	0.7	1.1	0.9	1.4	0.8	1.3	0.7	1.2	0.8	1.3	0.5	0.7
144	Floor of Mouth	0.0	0.0	0.0	0.1	0.2	0.3	0.0	0.1	0.0	0.1	0.1	0.2	0.0	0.1
145	Other Mouth	1.9	2.8	2.2	3.4	2.1	3.2	2.2	3.3	1.9	2.9	1.8	2.9	1.8	2.6
146	Oropharynx	0.4	0.6	0.1	0.2	0.2	0.4	0.2	0.3	0.3	0.5	0.4	0.6	0.2	0.3
147	Nasopharynx	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.3	0.3	0.3	0.1	0.1	0.3	0.4
148	Hypopharynx	1.4	2.1	1.4	2.1	1.2	1.8	1.5	2.1	1.1	1.7	1.2	1.8	1.0	1.4
149	Pharynx Etc.	0.2	0.3	0.5	0.8	0.4	0.6	0.3	0.5	0.2	0.3	0.1	0.2	0.2	0.3
150	Oesophagus	4.9	8.1	4.0	6.7	4.5	7.4	4.3	6.7	3.7	6.0	4.2	6.7	3.4	5.4
151	Stomach	2.2	3.4	2.0	3.3	2.2	3.5	1.7	2.7	2.1	3.3	1.9	2.8	2.4	3.8
152	Small Intestine	0.1	0.2	0.1	0.2	0.1	0.1	0.2	0.3	0.1	0.2	0.1	0.2	0.1	0.1
153	Colon	2.1	3.4	1.6	2.6	1.8	2.9	1.7	2.6	2.3	3.5	1.9	3.0	1.9	2.9
154	Rectum	1.6	2.6	1.8	3.0	1.5	2.3	1.4	2.1	1.6	2.3	1.5	2.3	1.7	2.6
155	Liver	1.1	1.9	0.9	1.4	1.1	1.7	0.8	1.4	1.0	1.7	1.3	2.1	1.4	2.2
156	Gall Bladder	1.5	2.4	1.7	2.6	1.7	2.9	1.5	2.4	1.6	2.5	1.6	2.4	1.8	2.7
157	Pancreas	0.8	1.3	1.1	1.8	1.0	1.6	1.3	2.3	0.9	1.5	1.2	1.8	1.0	1.6
158	Retroperitoneum	0.3	0.6	0.3	0.5	0.4	0.6	0.2	0.3	0.1	0.2	0.2	0.3	0.2	0.3
159	Other Dig System	0.1	0.2	0.2	0.4	0.2	0.4	0.1	0.2	0.1	0.2	0.2	0.3	0.2	0.3
160	Nasal Cavity	0.5	0.7	0.6	0.9	0.3	0.5	0.6	0.9	0.4	0.6	0.4	0.5	0.3	0.5
161	Larynx	0.7	1.2	0.6	0.9	1.0	1.6	1.0	1.6	0.7	1.1	0.8	1.1	0.8	1.2
162	Lung	1.9	3.0	1.8	2.9	2.5	4.1	2.2	3.5	2.1	3.4	2.1	3.3	2.1	3.4
163	Pleura	0.2	0.3	0.2	0.3	0.2	0.2	0.2	0.4	0.2	0.2	0.2	0.3	0.2	0.4
164	Thymus	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
165	Other Resp.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	Bone	0.5	0.6	0.6	0.7	0.6	0.6	0.4	0.4	0.5	0.6	0.5	0.7	0.4	0.5
171	Conn. Tissue	0.7	1.0	0.6	0.8	0.9	1.1	0.8	1.1	0.9	1.1	0.6	0.8	0.7	0.8
172	Skin Melanoma	0.2	0.4	0.2	0.3	0.2	0.3	0.0	0.1	0.1	0.2	0.2	0.3	0.2	0.2
173	Skin. Other	0.8	1.1	0.7	1.0	1.1	1.6	0.9	1.5	0.8	1.3	0.8	1.2	1.0	1.7
174	Breast Female	19.5	27.9	21.6	30.8	20.9	29.1	19.9	28.3	20.0	28.5	19.8	27.4	20.3	28.5
179	Uterus NOS.	0.6	1.1	0.7	1.1	0.7	1.2	0.5	0.9	0.8	1.3	0.9	1.5	0.4	0.7
180	Cervix Uteri	12.9	18.0	14.3	19.5	13.6	18.8	12.5	17.3	11.5	15.9	11.2	15.1	11.9	16.3
181	Placenta	0.3	0.3	0.2	0.2	0.1	0.1	0.2	0.2	0.1	0.1	0.3	0.2	0.1	0.1
182	Corpus Uteri	1.7	2.8	1.4	2.3	1.4	2.2	1.7	2.7	1.9	3.0	1.4	2.3	1.8	2.9
183	Ovary Etc.	4.6	6.4	4.7	6.7	5.4	7.4	6.6	9.0	5.2	7.4	5.1	7.3	5.4	7.2
184	Other Fem Gen.	1.0	1.5	0.7	1.2	0.9	1.2	0.8	1.2	0.6	0.9	0.7	1.0	0.9	1.3
188	Uri. Bladder	0.6	1.2	0.5	0.9	0.7	1.2	0.7	1.2	0.8	1.2	1.1	1.8	0.6	1.0
189	Kidney	0.5	0.7	0.6	1.0	0.7	1.1	0.8	1.2	0.5	0.8	0.7	1.1	0.7	1.1
190	Eye	0.2	0.3	0.1	0.2	0.0	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.2
191	Brain	2.0	2.5	1.6	1.9	1.8	2.2	1.7	2.1	1.9	2.2	1.8	2.1	2.2	2.7
192	Nervous System	0.1	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.1	0.1	0.2	0.0	0.0
193	Thyroid Gland	1.8	2.3	1.3	1.6	1.6	2.1	1.4	1.7	1.5	1.9	1.7	2.0	1.6	1.9
194	Oth. Endo. Gland	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2
195	Ill Def. Sites	0.2	0.3	0.4	0.6	0.2	0.4	0.4	0.6	0.3	0.4	0.3	0.5	0.3	0.4
196	Sec. Lymph. Node	0.7	1.0	0.7	1.1	0.7	1.2	0.7	1.2	1.0	1.6	0.7	1.1	0.7	1.0
197	Sec. Res. Etc	1.5	2.2	1.4	2.4	1.3	2.0	1.6	2.4	1.2	1.9	1.2	2.1	1.0	1.7
198	Sec. Other	0.5	0.8	0.7	1.0	0.5	0.8	0.7	1.1	0.7	1.2	0.6	1.0	0.5	0.8
199	Prim. Unknown	0.4	0.6	0.2	0.4	0.5	0.7	0.4	0.7	0.7	1.1	0.6	0.9	0.5	0.8
200	Lymphosarcoma	0.4	0.5	1.0	1.4	0.2	0.2	0.7	1.0	0.5	0.7	0.2	0.3	0.3	0.4
201	Hodgkins. Disease	0.4	0.5	0.5	0.7	0.7	0.8	0.3	0.3	0.4	0.5	0.6	0.8	0.3	0.4
202	Oth. Lymph. Node	1.2	1.8	1.1	1.5	1.4	2.1	1.6	2.4	1.9	2.8	1.8	2.3	1.9	2.8
203	Mult. Myeloma	0.5	0.8	0.6	1.1	0.7	1.1	0.4	0.7	0.6	1.0	0.8	1.3	0.8	1.2
204	Leuk. Lymphatic	0.9	1.1	1.0	1.2	0.9	1.1	0.9	1.0	0.9	1.0	1.1	1.4	1.0	1.2
205	Leuk. Myelocytic	1.3	1.6	1.1	1.4	1.2	1.6	1.5	1.9	1.3	1.5	1.4	1.7	1.5	1.8
206	Leuk. Monocytic	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207	Leuk. Misc.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
208	Leuk. Unspecified	0.3	0.4	0.4	0.4	0.2	0.3	0.4	0.5	0.4	0.5	0.4	0.5	0.5	0.6
	All Sites	80.8	119.2	82.9	121.1	84.8	123.5	83.5	121.0	80.6	117.1	81.1	116.1	81.5	116.7

TABLE: MUM-6(a): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-9) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 1990-1996: Males
Mumbai

ICD-9	Site	0 - 64 Years		0 - 74 Years	
		Cu.Rate %	Cu.Risk	Cu.Rate%	Cu.Risk
140	Lip	0.03	0.03	0.04	0.04
141	Tongue	0.36	0.36	0.69	0.69
142	Salivary Gland	0.03	0.03	0.06	0.06
143	Gum	0.08	0.08	0.14	0.14
144	Floor of Mouth	0.04	0.04	0.06	0.06
145	Other Mouth	0.29	0.29	0.47	0.47
146	Oropharynx	0.17	0.17	0.33	0.33
147	Nasopharynx	0.04	0.04	0.07	0.07
148	Hypopharynx	0.39	0.39	0.81	0.81
149	Pharynx Etc.	0.07	0.07	0.16	0.16
150	Oesophagus	0.47	0.47	1.03	1.02
151	Stomach	0.35	0.35	0.80	0.80
152	Small Intestine	0.02	0.02	0.04	0.04
153	Colon	0.2	0.20	0.39	0.39
154	Rectum	0.18	0.18	0.40	0.40
155	Liver	0.18	0.18	0.43	0.43
156	Gall Bladder	0.1	0.10	0.21	0.21
157	Pancreas	0.12	0.12	0.28	0.28
158	Retroperitoneum	0.02	0.02	0.03	0.03
159	Other Dig System	0.01	0.01	0.03	0.03
160	Nasal Cavity	0.06	0.06	0.10	0.10
161	Larynx	0.40	0.40	0.89	0.89
162	Lung	0.66	0.66	1.59	1.58
163	Pleura	0.02	0.02	0.05	0.05
164	Thymus	0.01	0.01	0.02	0.02
165	Other Resp.	0.00	0.00	0.00	0.00
170	Bone	0.06	0.06	0.08	0.08
171	Conn. Tissue	0.08	0.08	0.12	0.12
172	Skin Melanoma	0.02	0.02	0.04	0.04
173	Skin. Other	0.08	0.08	0.16	0.16
175	Breast Male	0.02	0.02	0.06	0.06
185	Prostate	0.16	0.16	0.88	0.88
186	Testis	0.06	0.06	0.07	0.07
187	Penis Etc.	0.07	0.07	0.16	0.16
188	Uri. Bladder	0.20	0.20	0.55	0.55
189	Kidney	0.12	0.12	0.25	0.25
190	Eye	0.01	0.01	0.02	0.02
191	Brain	0.21	0.21	0.32	0.32
192	Nervous System	0.01	0.01	0.01	0.01
193	Thyroid Gland	0.05	0.05	0.08	0.08
194	Oth. Endo. Gland	0.01	0.01	0.01	0.01
195	Ill Def. Sites	0.02	0.02	0.04	0.04
196	Sec. Lymph. Node	0.13	0.13	0.27	0.27
197	Sec. Res. Etc	0.13	0.13	0.28	0.28
198	Sec. Other	0.08	0.08	0.16	0.16
199	Prim. Unknown	0.04	0.04	0.10	0.10
200	Lymphosarcoma	0.06	0.06	0.12	0.12
201	Hodgkins. Disease	0.07	0.07	0.10	0.10
202	Oth. Lymph. Node	0.19	0.19	0.38	0.38
203	Mult. Myeloma	0.07	0.07	0.16	0.16
204	Leuk. Lymphatic	0.09	0.09	0.14	0.14
205	Leuk. Myelocytic	0.13	0.13	0.20	0.20
206	Leuk. Monocytic	0.00	0.00	0.00	0.00
207	Leuk. Misc.	0.00	0.00	0.00	0.00
208	Leuk. Unspecified	0.03	0.03	0.04	0.04
	All Sites	6.46	6.26	13.89	12.97

TABLE: MUM-6(b): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-9) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 1990-1996: Females
Mumbai

ICD-9	Site	0 - 64 Years		0 - 74 Years	
		Cu.Rate %	Cu.Risk	Cu.Rate%	Cu.Risk
140	Lip	0.02	0.02	0.03	0.03
141	Tongue	0.15	0.15	0.27	0.27
142	Salivary Gland	0.02	0.02	0.03	0.03
143	Gum	0.08	0.08	0.14	0.14
144	Floor of Mouth	0.01	0.01	0.01	0.01
145	Other Mouth	0.20	0.20	0.36	0.36
146	Oropharynx	0.02	0.02	0.05	0.05
147	Nasopharynx	0.02	0.02	0.03	0.03
148	Hypopharynx	0.13	0.13	0.22	0.22
149	Pharynx Etc.	0.02	0.02	0.05	0.05
150	Oesophagus	0.39	0.39	0.78	0.78
151	Stomach	0.19	0.19	0.38	0.38
152	Small Intestine	0.01	0.01	0.02	0.02
153	Colon	0.17	0.17	0.36	0.36
154	Rectum	0.14	0.14	0.31	0.31
155	Liver	0.09	0.09	0.21	0.21
156	Gall Bladder	0.16	0.16	0.30	0.30
157	Pancreas	0.09	0.09	0.22	0.22
158	Retroperitoneum	0.02	0.02	0.04	0.04
159	Other Dig Sys	0.01	0.01	0.03	0.03
160	Nasal Cavity	0.05	0.05	0.08	0.08
161	Larynx	0.07	0.07	0.15	0.15
162	Lung	0.18	0.18	0.41	0.41
163	Pleura	0.02	0.02	0.03	0.03
164	Thymus	0.01	0.01	0.01	0.01
165	Other Resp.	0.00	0.00	0.00	0.00
170	Bone	0.03	0.03	0.05	0.05
171	Conn. Tissue	0.07	0.07	0.11	0.11
172	Skin Melanoma	0.01	0.01	0.03	0.03
173	Skin. Other	0.07	0.07	0.17	0.17
174	Breast	2.09	2.07	3.29	3.24
179	Uterus NOS.	0.06	0.06	0.14	0.14
180	Cervix	1.33	1.32	1.95	1.93
181	Placenta	0.01	0.01	0.01	0.01
182	Body Uterus	0.18	0.18	0.32	0.32
183	Ovary	0.54	0.54	0.81	0.81
184	Vagina	0.07	0.07	0.15	0.15
188	URI. Bladder	0.06	0.06	0.14	0.14
189	Kidney	0.06	0.06	0.12	0.12
190	Eye	0.01	0.01	0.01	0.01
191	Brain	0.15	0.15	0.21	0.21
192	Nervous System	0.00	0.00	0.01	0.01
193	Thyroid Gland	0.13	0.13	0.21	0.21
194	Oth. Endo. Gland	0.01	0.01	0.01	0.01
195	Ill Def. Sites	0.03	0.03	0.04	0.04
196	Sec. Lymph. Node	0.07	0.07	0.15	0.15
197	Sec. Res. Etc	0.12	0.12	0.25	0.25
198	Sec. Other	0.06	0.06	0.11	0.11
199	Prim. Unknown	0.03	0.03	0.09	0.09
200	Lymphosarcoma	0.04	0.04	0.07	0.07
201	Hodgkins. Disease	0.04	0.04	0.06	0.06
202	Oth. Lymph. Node	0.14	0.14	0.26	0.26
203	Mult. Myeloma	0.06	0.06	0.14	0.14
204	Leuk. Lymphatic	0.06	0.06	0.09	0.09
205	Leuk. Myelocytic	0.11	0.11	0.17	0.17
206	Leuk. Monocytic	0.00	0.00	0.00	0.00
207	Leuk. Misc.	0.00	0.00	0.00	0.00
208	Leuk. Unspecified	0.02	0.02	0.05	0.05
	All Sites	7.92	7.61	13.73	12.83

TABLE: MUM-7(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis 1990-1996 - Males
Mumbai

ICD-9	Site	Clinical		Microscopic		X-Ray		D.C.O.		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	8	8.5	82	87.2	0	0.0	3	3.2	1	1.1	94	100.0
141	Tongue	164	11.3	1201	82.5	8	0.5	79	5.4	4	0.3	1456	100.0
142	Salivary Gland	11	7.4	131	88.5	0	0.0	3	2.0	3	2.0	148	100.0
143	Gum	39	11.9	275	83.8	1	0.3	10	3.0	3	0.9	328	100.0
144	Floor of Mouth	10	7.0	132	92.3	0	0.0	1	0.7	0	0.0	143	100.0
145	Other Mouth	121	10.7	964	85.3	5	0.4	29	2.6	11	1.0	1130	100.0
146	Oropharynx	65	9.7	557	82.9	6	0.9	37	5.5	7	1.0	672	100.0
147	Nasopharynx	26	15.2	134	78.4	4	2.3	5	2.9	2	1.2	171	100.0
148	Hypopharynx	165	10.9	1232	81.1	63	4.1	45	3.0	14	0.9	1519	100.0
149	Pharynx Etc.	28	9.4	179	59.9	0	0.0	89	29.8	3	1.0	299	100.0
150	Oesophagus	330	16.8	1147	58.5	156	8.0	258	13.1	71	3.6	1962	100.0
151	Stomach	222	14.5	1019	66.7	31	2.0	126	8.3	129	8.4	1527	100.0
152	Small Intestine	7	9.1	59	76.6	0	0.0	7	9.1	4	5.2	77	100.0
153	Colon	113	13.4	593	70.2	17	2.0	52	6.2	70	8.3	845	100.0
154	Rectum	109	13.1	630	75.7	6	0.7	45	5.4	42	5.0	832	100.0
155	Liver	116	14.5	506	63.4	20	2.5	114	14.3	42	5.3	798	100.0
156	Gall Bladder	92	22.4	209	51.0	17	4.1	43	10.5	49	12.0	410	100.0
157	Pancreas	143	27.6	186	35.8	25	4.8	70	13.5	95	18.3	519	100.0
158	Retroperitoneum	11	12.6	61	70.1	1	1.1	6	6.9	8	9.2	87	100.0
159	Other Dig Sys	11	20.0	33	60.0	0	0.0	8	14.5	3	5.5	55	100.0
160	Nasal Cavity	25	11.1	179	79.2	8	3.5	11	4.9	3	1.3	226	100.0
161	Larynx	248	15.2	1110	68.2	36	2.2	184	11.3	49	3.0	1627	100.0
162	Lung	478	17.5	1694	62.1	145	5.3	321	11.8	88	3.2	2726	100.0
163	Pleura	20	24.1	56	67.5	2	2.4	3	3.6	2	2.4	83	100.0
164	Thymus	11	20.8	37	69.8	2	3.8	3	5.7	0	0.0	53	100.0
165	Other Resp.	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
170	Bone	12	3.7	279	86.1	4	1.2	26	8.0	3	0.9	324	100.0
171	Conn. Tissue	7	1.8	373	96.4	1	0.3	4	1.0	2	0.5	387	100.0
172	Skin Melanoma	1	1.3	74	97.4	0	0.0	1	1.3	0	0.0	76	100.0
173	Skin. Other	10	2.6	361	95.3	1	0.3	6	1.6	1	0.3	379	100.0
175	Breast Male	14	14.0	80	80.0	2	2.0	3	3.0	1	1.0	100	100.0
185	Prostate	197	14.9	921	69.5	30	2.3	103	7.8	74	5.6	1325	100.0
186	Testis	26	7.9	273	83.2	6	1.8	11	3.4	12	3.7	328	100.0
187	Penis Etc.	52	14.9	272	78.2	0	0.0	6	1.7	18	5.2	348	100.0
188	URI. Bladder	90	9.2	784	79.8	16	1.6	48	4.9	45	4.6	983	100.0
189	Kidney	34	6.7	423	83.8	14	2.8	12	2.4	22	4.4	505	100.0
190	Eye	2	2.7	63	86.3	2	2.7	1	1.4	5	6.8	73	100.0
191	Brain	45	4.2	946	88.4	17	1.6	40	3.7	22	2.1	1070	100.0
192	Nervous System	2	6.7	25	83.3	1	3.3	2	6.7	0	0.0	30	100.0
193	Thyroid Gland	13	6.1	175	82.5	6	2.8	10	4.7	8	3.8	212	100.0
194	Oth. Endo. Gland	6	9.1	54	81.8	1	1.5	2	3.0	3	4.5	66	100.0
195	Ill Def. Sites	31	33.7	13	14.1	1	1.1	33	35.9	14	15.2	92	100.0
196	Sec. Lymph. Node	31	5.8	471	87.9	5	0.9	22	4.1	7	1.3	536	100.0
197	Sec. Res. Etc	106	19.6	295	54.5	39	7.2	27	5.0	74	13.7	541	100.0
198	Sec. Other	46	14.8	211	67.8	29	9.3	17	5.5	8	2.6	311	100.0
199	Prim. Unknown	69	38.8	44	24.7	0	0.0	57	32.0	8	4.5	178	100.0
200	Lymphosarcoma	1	0.4	275	98.6	0	0.0	3	1.1	0	0.0	279	100.0
201	Hodgkins. Disease	1	0.3	377	98.4	0	0.0	4	1.0	1	0.3	383	100.0
202	Oth. Lymph. Node	3	0.3	937	98.4	0	0.0	12	1.3	0	0.0	952	100.0
203	Mult. Myeloma	1	0.4	262	97.8	0	0.0	5	1.9	0	0.0	268	100.0
204	Leuk. Lymphatic	1	0.2	574	98.1	0	0.0	10	1.7	0	0.0	585	100.0
205	Leuk. Myelocytic	1	0.2	645	97.0	0	0.0	19	2.9	0	0.0	665	100.0
206	Leuk. Monocytic	1	14.3	6	85.7	0	0.0	0	0.0	0	0.0	7	100.0
207	Leuk. Misc.	0	0.0	3	75.0	0	0.0	1	25.0	0	0.0	4	100.0
208	Leuk. Unspecified	2	1.3	148	93.7	0	0.0	8	5.1	0	0.0	158	100.0
	All Sites	3378	11.7	21771	75.2	728	2.5	2045	7.1	1031	3.6	28953	100.0

TABLE: MUM-7(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Method of Diagnosis 1990-1996 - Females
Mumbai

ICD-9	Site	Clinical		Microscopic		X-Ray		D.C.O.		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	13	21.0	48	77.4	0	0.0	1	1.6	0	0.0	62	100.0
141	Tongue	53	10.9	397	81.4	4	0.8	28	5.7	6	1.2	488	100.0
142	Salivary Gland	4	4.8	73	86.9	1	1.2	3	3.6	3	3.6	84	100.0
143	Gum	25	10.2	197	80.7	2	0.8	17	7.0	3	1.2	244	100.0
144	Floor of Mouth	8	38.1	12	57.1	0	0.0	1	4.8	0	0.0	21	100.0
145	Other Mouth	74	11.3	529	80.9	3	0.5	46	7.0	2	0.3	654	100.0
146	Oropharynx	11	13.3	66	79.5	1	1.2	5	6.0	0	0.0	83	100.0
147	Nasopharynx	10	14.9	52	77.6	2	3.0	3	4.5	0	0.0	67	100.0
148	Hypopharynx	37	9.0	335	81.5	21	5.1	11	2.7	7	1.7	411	100.0
149	Pharynx Etc.	12	13.6	45	51.1	0	0.0	31	35.2	0	0.0	88	100.0
150	Oesophagus	197	14.5	799	59.0	104	7.7	213	15.7	41	3.0	1354	100.0
151	Stomach	113	16.6	401	58.9	17	2.5	91	13.4	59	8.7	681	100.0
152	Small Intestine	1	2.5	35	87.5	0	0.0	4	10.0	0	0.0	40	100.0
153	Colon	85	13.6	414	66.5	16	2.6	56	9.0	52	8.3	623	100.0
154	Rectum	62	11.9	401	76.8	8	1.5	34	6.5	17	3.3	522	100.0
155	Liver	49	13.8	195	55.1	7	2.0	86	24.3	17	4.8	354	100.0
156	Gall Bladder	101	18.7	294	54.4	15	2.8	69	12.8	61	11.3	540	100.0
157	Pancreas	84	24.6	139	40.6	14	4.1	57	16.7	48	14.0	342	100.0
158	Retroperitoneum	15	18.8	57	71.3	1	1.3	6	7.5	1	1.3	80	100.0
159	Other Dig System	12	21.4	26	46.4	0	0.0	15	26.8	3	5.4	56	100.0
160	Nasal Cavity	18	12.5	108	75.0	1	0.7	15	10.4	2	1.4	144	100.0
161	Larynx	35	13.4	170	64.9	5	1.9	43	16.4	9	3.4	262	100.0
162	Lung	129	18.6	387	55.9	43	6.2	115	16.6	18	2.6	692	100.0
163	Pleura	11	18.0	39	63.9	4	6.6	5	8.2	2	3.3	61	100.0
164	Thymus	2	8.3	19	79.2	0	0.0	1	4.2	2	8.3	24	100.0
165	Other Resp.	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
170	Bone	11	6.7	127	77.4	2	1.2	20	12.2	4	2.4	164	100.0
171	Conn. Tissue	3	1.2	237	96.7	3	1.2	1	0.4	1	0.4	245	100.0
172	Skin Melanoma	0	0.0	50	100.0	0	0.0	0	0.0	0	0.0	50	100.0
173	Skin. Other	2	0.7	275	96.5	1	0.4	4	1.4	3	1.1	285	100.0
174	Breast	769	11.5	5374	80.4	81	1.2	314	4.7	150	2.2	6688	100.0
179	Uterus NOS.	36	16.5	76	34.9	2	0.9	96	44.0	8	3.7	218	100.0
180	Cervix	467	11.3	3425	83.0	18	0.4	161	3.9	54	1.3	4125	100.0
181	Placenta	3	5.1	51	86.4	2	3.4	1	1.7	2	3.4	59	100.0
182	Body Uterus	26	4.8	493	91.5	3	0.6	5	0.9	12	2.2	539	100.0
183	Ovary	274	15.7	1262	72.3	18	1.0	92	5.3	100	5.7	1746	100.0
184	Vagina	28	10.8	216	83.1	5	1.9	8	3.1	3	1.2	260	100.0
188	Uri. Bladder	26	11.0	180	75.9	2	0.8	15	6.3	14	5.9	237	100.0
189	Kidney	12	5.5	175	80.6	5	2.3	18	8.3	7	3.2	217	100.0
190	Eye	4	8.7	42	91.3	0	0.0	0	0.0	0	0.0	46	100.0
191	Brain	41	6.7	519	84.4	15	2.4	31	5.0	9	1.5	615	100.0
192	Nervous System	0	0.0	19	100.0	0	0.0	0	0.0	0	0.0	19	100.0
193	Thyroid Gland	38	7.4	449	87.2	4	0.8	11	2.1	13	2.5	515	100.0
194	Oth. Endo. Gland	6	12.0	43	86.0	0	0.0	0	0.0	1	2.0	50	100.0
195	Ill Def. Sites	25	24.5	34	33.3	2	2.0	32	31.4	9	8.8	102	100.0
196	Sec. Lymph. Node	18	7.3	216	88.2	1	0.4	5	2.0	5	2.0	245	100.0
197	Sec. Res. Etc	56	13.0	279	64.7	19	4.4	29	6.7	48	11.1	431	100.0
198	Sec. Other	42	20.3	125	60.4	20	9.7	6	2.9	14	6.8	207	100.0
199	Prim. Unknown	49	31.8	46	29.9	0	0.0	48	31.2	11	7.1	154	100.0
200	Lymphosarcoma	0	0.0	143	97.3	0	0.0	4	2.7	0	0.0	147	100.0
201	Hodgkins. Disease	0	0.0	150	98.7	0	0.0	2	1.3	0	0.0	152	100.0
202	Oth. Lymph. Node	1	0.2	507	98.8	0	0.0	5	1.0	0	0.0	513	100.0
203	Mult. Myeloma	1	0.5	197	96.6	0	0.0	6	2.9	0	0.0	204	100.0
204	Leuk. Lymphatic	0	0.0	301	96.8	0	0.0	10	3.2	0	0.0	311	100.0
205	Leuk. Myelocytic	0	0.0	430	97.1	0	0.0	13	2.9	0	0.0	443	100.0
206	Leuk. Monocytic	0	0.0	4	100.0	0	0.0	0	0.0	0	0.0	4	100.0
207	Leuk. Misc.	0	0.0	4	80.0	0	0.0	1	20.0	0	0.0	5	100.0
208	Leuk. Unspecified	0	0.0	108	91.5	0	0.0	10	8.5	0	0.0	118	100.0
	All Sites	3099	11.4	20795	76.8	472	1.7	1904	7.0	821	3.0	27091	100.0

TABLE: MUM-8(a): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis, 1990-1996 - Males : Mumbai

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	82	87.2	0	0	0	0	0	0	0	0	12	12.8	94	100
141	Tongue	1050	72.1	84	5.8	65	4.5	0	0	1	0.1	256	17.6	1456	100
142	Salivary Glands	109	73.6	3	2	19	12.8	0	0	0	0	17	11.5	148	100
143	Gum	269	82	4	1.2	2	0.6	0	0	0	0	53	16.2	328	100
144	Floor of Mouth	126	88.1	3	2.1	3	2.1	0	0	0	0	11	7.7	143	100
145	Other Mouth	924	81.8	30	2.7	10	0.9	0	0	0	0	166	14.7	1130	100
146	Oropharynx	490	72.9	49	7.3	18	2.7	0	0	0	0	115	17.1	672	100
147	Nasopharynx	74	43.3	48	28.1	12	7	0	0	0	0	37	21.6	171	100
148	Hypopharynx	1001	65.9	144	9.5	87	5.7	0	0	0	0	287	18.9	1519	100
149	Pharynx Etc	164	54.8	8	2.7	7	2.3	0	0	0	0	120	40.1	299	100
150	Oesophagus	1031	52.5	38	1.9	77	3.9	0	0	0	0	816	41.6	1962	100
151	Stomach	874	57.2	104	6.8	38	2.5	0	0	1	0.1	510	33.4	1527	100
152	Small Intestine	52	67.5	5	6.5	2	2.6	0	0	0	0	18	23.4	77	100
153	Colon	544	64.4	37	4.4	12	1.4	0	0	0	0	252	29.8	845	100
154	Rectum	610	73.3	12	1.4	8	1	0	0	0	0	202	24.3	832	100
155	Liver	403	50.5	10	1.3	86	10.8	0	0	1	0.1	298	37.3	798	100
156	Gall Bladder	169	41.2	22	5.4	18	4.4	0	0	0	0	201	49	410	100
157	Pancreas	105	20.2	43	8.3	37	7.1	0	0	1	0.2	333	64.2	519	100
158	Retroperito	49	56.3	2	2.3	10	11.5	0	0	0	0	26	29.9	87	100
159	Other Digs	14	25.5	18	32.7	1	1.8	0	0	0	0	22	40	55	100
160	Nasal Cavity	163	72.1	7	3.1	9	4	0	0	0	0	47	20.8	226	100
161	Larynx	994	61.1	68	4.2	48	3	0	0	0	0	517	31.8	1627	100
162	Lung	960	35.2	236	8.7	496	18.2	0	0	1	0	1033	37.9	2726	100
163	Pleura	25	30.1	4	4.8	27	32.5	0	0	0	0	27	32.5	83	100
164	Thymus	31	58.5	4	7.5	2	3.8	0	0	0	0	16	30.2	53	100
165	Other Resp	1	99.9	0	0	0	0	0	0	0	0	0	0	1	100
170	Bone	268	82.7	5	1.5	6	1.9	0	0	0	0	45	13.9	324	100
171	Connective	348	89.9	10	2.6	15	3.9	0	0	0	0	14	3.6	387	100
172	Skin Melanoma	64	84.2	10	13.2	0	0	0	0	0	0	2	2.6	76	100
173	Skin Other	354	93.4	3	0.8	4	1.1	0	0	0	0	18	4.7	379	100
175	Breast Male	69	69	3	3	8	8	0	0	0	0	20	20	100	100
185	Prostate	873	65.9	36	2.7	11	0.8	0	0	0	0	405	30.6	1325	100
186	Testis	241	73.5	21	6.4	11	3.4	0	0	0	0	55	16.8	328	100
187	Penis Etc	248	71.3	18	5.2	5	1.4	0	0	1	0.3	76	21.8	348	100
188	Uri Bladder	765	77.8	5	0.5	14	1.4	0	0	0	0	199	20.2	983	100
189	Kidney	369	73.1	29	5.7	24	4.8	0	0	0	0	83	16.4	505	100
190	Eye	60	82.2	0	0	2	2.7	0	0	0	0	11	15.1	73	100
191	Brain	941	87.9	2	0.2	3	0.3	0	0	0	0	124	11.6	1070	100
192	Nervous Sys	25	83.3	0	0	0	0	0	0	0	0	5	16.7	30	100
193	Thyroid Glands	128	60.4	15	7.1	32	15.1	0	0	0	0	37	17.5	212	100
194	Oth. Endo. Gland	42	63.6	10	15.2	1	1.5	0	0	1	1.5	12	18.2	66	100
195	Ill Def Site	10	10.9	0	0	3	3.3	0	0	0	0	79	85.9	92	100
196	Sec Lymph Node	5	0.9	378	70.5	87	16.2	0	0	0	0	66	12.3	536	100
197	Sec Resp Et	1	0.2	206	37.1	87	16.1	0	0	0	0	247	45.7	541	100
198	Sec Other	4	1.3	196	63	11	3.5	0	0	0	0	100	32.2	311	100
199	Prim Unknown	23	12.9	18	10.1	1	0.6	0	0	0	0	136	76.4	178	100
200	Lymph Sarcoma	260	93.2	0	0	2	0.7	1	0.4	12	4.3	4	1.4	279	100
201	Hodgkins Disease	366	95.6	0	0	2	0.5	1	0.3	8	2.1	6	1.6	383	100
202	Oth. Lymph. Node	869	91.3	1	0.1	35	3.7	6	0.6	24	2.5	17	1.8	952	100
203	Mult Myeloma	37	13.8	0	0	2	0.7	8	3	215	80.2	6	2.2	268	100
204	Leuk Lympha	13	2.2	0	0	0	0	358	61.2	203	34.7	11	1.9	585	100
205	Leuk Myeloi	14	2.1	0	0	2	0.3	422	63.5	207	31.1	20	3	665	100
206	Leuk Monocy	1	14.3	0	0	0	0	4	57.1	1	14.3	1	14.3	7	100
207	Leuk Oth Sp	0	0	0	0	0	0	2	50	1	25	1	25	4	100
208	Leuk Uns	4	2.5	0	0	0	0	105	66.5	39	24.7	10	6.3	158	100
	All Sites	16717	57.7	1949	6.7	1462	5.1	907	3.1	717	2.5	7201	24.9	28953	100

TABLE: MUM-8(b): Number (#) and Proportion (%) of Cancers by Site (ICD-9) and Detailed Microscopic Diagnosis, 1990-1996 - Females : Mumbai

ICD-9	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
140	Lip	46	74.2	0	0	2	3.2	0	0	0	0	14	22.6	62	100
141	Tongue	367	75.2	21	4.3	9	1.8	0	0	0	0	91	18.6	488	100
142	Salivary Glands	61	72.6	2	2.4	10	11.9	0	0	0	0	11	13.1	84	100
143	Gum	190	77.9	3	1.2	4	1.6	0	0	0	0	47	19.3	244	100
144	Floor of Mouth	11	52.4	1	4.8	0	0	0	0	0	0	9	42.9	21	100
145	Other Mouth	514	78.6	10	1.5	5	0.8	0	0	0	0	125	19.1	654	100
146	Oropharynx	59	71.1	5	6	2	2.4	0	0	0	0	17	20.5	83	100
147	Nasopharynx	24	35.8	23	34.3	5	7.5	0	0	0	0	15	22.4	67	100
148	Hypopharynx	297	72.3	20	4.9	18	4.4	0	0	0	0	76	18.5	411	100
149	Pharynx Etc	39	44.3	4	4.5	2	2.3	0	0	0	0	43	48.9	88	100
150	Oesophagus	725	53.5	17	1.3	57	4.2	0	0	0	0	555	41	1354	100
151	Stomach	346	50.8	40	5.9	15	2.2	0	0	0	0	280	41.1	681	100
152	Small Intestine	34	85	0	0	0	0	0	0	0	0	6	15	40	100
153	Colon	375	60.2	24	3.9	15	2.4	0	0	0	0	209	33.5	623	100
154	Rectum	387	74.1	7	1.3	7	1.3	0	0	0	0	121	23.2	522	100
155	Liver	151	42.7	10	2.8	34	9.6	0	0	0	0	159	44.9	354	100
156	Gall Bladder	218	40.4	53	9.8	23	4.3	0	0	0	0	246	45.6	540	100
157	Pancreas	79	23.1	42	12.3	18	5.3	0	0	0	0	203	59.4	342	100
158	Retroperito	44	55	3	3.8	10	12.5	0	0	0	0	23	28.8	80	100
159	Other Digs	11	19.6	10	17.9	5	8.9	0	0	0	0	30	53.6	56	100
160	Nasal Cavity	105	72.9	0	0	3	2.1	0	0	0	0	36	25	144	100
161	Larynx	152	58	11	4.2	7	2.7	0	0	0	0	92	35.1	262	100
162	Lung	215	31.1	52	7.5	120	17.3	0	0	0	0	305	44.1	692	100
163	Pleura	19	31.1	0	0	20	32.8	0	0	0	0	22	36.1	61	100
164	Thymus	13	54.2	0	0	6	25	0	0	0	0	5	20.8	24	100
165	Other Resp	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Bone	124	75.6	1	0.6	2	1.2	0	0	0	0	37	22.6	164	100
171	Connective	211	86.1	15	6.1	11	4.5	0	0	0	0	8	3.3	245	100
172	Skin Melanoma	44	88	5	10	1	2	0	0	0	0	0	0	50	100
173	Skin Other	265	93	4	1.4	6	2.1	0	0	0	0	10	3.5	285	100
174	Breast Female	4734	70.8	154	2.3	484	7.2	0	0	1	0	1315	19.7	6688	100
179	Uterus NOS.	73	33.5	3	1.4	0	0	0	0	0	0	142	65.1	218	100
180	Cervix	3344	81.1	29	0.7	52	1.3	0	0	0	0	700	17	4125	100
181	Placenta	48	81.4	2	3.4	0	0	0	0	0	0	9	15.3	59	100
182	Body Uterus	484	89.8	7	1.3	2	0.4	0	0	0	0	46	8.5	539	100
183	Ovary	941	53.9	172	9.9	147	8.4	1	0.1	0	0	485	27.8	1746	100
184	Vagina	203	78.1	6	2.3	7	2.7	0	0	0	0	44	16.9	260	100
188	Uri Bladder	171	72.2	4	1.7	5	2.1	0	0	0	0	57	24.1	237	100
189	Kidney	157	72.4	10	4.6	8	3.7	0	0	0	0	42	19.4	217	100
190	Eye	39	84.8	1	2.2	2	4.3	0	0	0	0	4	8.7	46	100
191	Brain	512	83.3	3	0.5	1	0.2	0	0	0	0	99	16.1	615	100
192	Nervous Sys	18	94.7	0	0	1	5.3	0	0	0	0	0	0	19	100
193	Thyroid Glands	367	71.3	27	5.2	55	10.7	0	0	0	0	66	12.8	515	100
194	Oth. Endo. Gland	31	62	10	20	2	4	0	0	0	0	7	14	50	100
195	Ill Def Site	32	31.4	0	0	2	2	0	0	0	0	68	66.7	102	100
196	Sec Lymph Node	0	0	188	76.7	28	11.4	0	0	0	0	29	11.8	245	100
197	Sec Resp Et	1	0.2	192	44.5	85	19.7	0	0	0	0	153	35.5	431	100
198	Sec Other	1	0.5	117	56.5	6	2.9	0	0	0	0	83	40.1	207	100
199	Prim Unknown	23	14.9	19	12.3	2	1.3	0	0	0	0	110	71.4	154	100
200	Lymph Sarcoma	138	93.9	0	0	1	0.7	0	0	4	2.7	4	2.7	147	100
201	Hodgkins Disease	148	97.4	0	0	1	0.7	0	0	1	0.7	2	1.3	152	100
202	Oth. Lymph. Node	481	93.8	0	0	8	1.6	0	0	18	3.5	6	1.2	513	100
203	Mult Myeloma	33	16.2	0	0	0	0	1	0.5	163	79.9	7	3.4	204	100
204	Leuk Lympha Node	2	0.6	0	0	0	0	195	62.7	104	33.4	10	3.2	311	100
205	Leuk Myelocytic	16	3.6	0	0	0	0	253	57.1	161	36.3	13	2.9	443	100
206	Leuk Monocytic	1	25	0	0	0	0	2	50	1	25	0	0	4	100
207	Leuk Oth Sp	2	40	0	0	0	0	2	40	0	0	1	20	5	100
208	Leuk Uns	7	5.9	0	0	0	0	84	71.2	17	14.4	10	8.5	118	100
	All Sites	17133	63.2	1327	4.9	1316	4.9	538	2	470	1.7	6307	23.3	27091	100

**TABLE: MUM-9(a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-9)
1990-1996 - Males**

% = Relative Proportion of Cancers of All Sites.

Mumbai

ICD-9	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	Total	%
140	Lip	0	0	0	0	0	0	1	2	3	1	3	6	1	2	1	2	22	0.15
141	Tongue	0	0	0	1	1	3	9	25	38	66	110	75	93	85	66	79	651	4.48
142	Salivary Gland	0	0	0	0	0	0	1	0	2	5	4	4	10	5	4	4	39	0.27
143	Gum	0	0	0	0	0	0	1	5	6	13	13	11	8	8	8	6	79	0.54
144	Floor of Mouth	0	0	0	0	1	0	0	3	0	3	7	3	5	5	1	5	33	0.23
145	Other Mouth	0	0	0	0	3	3	12	16	24	36	32	40	46	35	26	27	300	2.07
146	Oropharynx	0	0	0	0	0	3	2	5	12	28	31	39	42	23	27	24	236	1.63
147	Nasopharynx	0	1	1	4	3	1	0	1	8	5	8	9	8	9	3	3	64	0.44
148	Hypopharynx	0	0	0	0	3	1	7	13	28	33	56	50	61	63	56	48	419	2.89
149	Pharynx Etc.	0	0	0	0	2	2	2	16	7	36	39	59	69	62	63	62	419	2.89
150	Oesophagus	0	0	0	2	3	4	10	19	58	100	158	208	215	208	179	249	1413	9.73
151	Stomach	0	0	0	2	5	7	13	22	30	66	94	110	116	125	105	113	808	5.57
152	Small Intestine	0	0	0	0	1	0	1	1	2	4	3	5	4	9	5	8	43	0.3
153	Colon	0	0	1	5	1	5	9	14	24	38	36	49	48	46	48	79	403	2.78
154	Rectum	0	0	1	0	8	6	12	12	10	25	30	37	42	40	37	70	330	2.27
155	Liver	10	2	2	0	1	1	12	23	30	46	63	83	102	114	81	86	656	4.52
156	Gall Bladd.	0	0	0	0	1	1	3	2	11	16	19	26	37	29	25	34	204	1.41
157	Pancreas	0	0	1	0	0	5	2	9	18	29	48	52	69	55	44	49	381	2.62
158	Retroperitoneum	0	0	1	1	2	0	5	1	2	3	5	3	6	8	5	3	45	0.31
159	Other Dig System	0	0	0	0	1	2	0	1	2	2	10	13	4	7	9	6	57	0.39
160	Nasal Cavity	0	0	0	0	0	1	1	3	2	8	6	9	11	8	4	8	61	0.42
161	Larynx	1	0	0	1	2	4	7	16	35	74	98	153	138	163	118	167	977	6.73
162	Lung	1	0	0	3	10	10	22	38	68	103	187	252	331	325	245	248	1843	12.7
163	Pleura	1	0	0	2	0	0	1	2	3	2	5	5	10	12	5	4	52	0.36
164	Thymus	1	0	1	1	0	3	0	1	3	1	4	4	2	5	2	2	30	0.21
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Bone	4	4	15	33	16	6	8	5	9	21	18	17	21	27	16	9	229	1.58
171	Conn. Tissue	4	8	3	5	3	10	4	10	6	3	4	5	4	7	1	7	84	0.58
172	Skin Melanoma	0	0	0	0	0	0	0	3	3	0	3	4	5	2	3	2	25	0.17
173	Skin Other	0	0	0	0	2	0	1	5	6	1	7	4	5	4	6	13	54	0.37
175	Breast Male	0	0	0	1	0	0	0	0	1	3	0	1	1	0	4	8	19	0.13
185	Prostate	0	0	0	0	1	0	1	0	3	6	18	29	45	74	127	279	583	4.02
186	Testis	7	1	0	5	17	16	11	9	13	6	2	1	7	1	7	2	105	0.72
187	Penis	0	0	1	0	0	2	5	1	10	7	12	10	9	10	8	17	92	0.63
188	Uri. Bladder	1	0	2	0	1	0	2	8	9	15	25	28	46	50	55	86	328	2.26
189	Kidney	5	3	1	2	0	2	3	1	4	15	18	22	29	28	18	19	170	1.17
190	Eye	10	1	2	0	1	1	0	1	2	1	2	3	1	1	1	1	28	0.19
191	Brain	14	27	17	11	15	12	19	25	30	29	40	45	41	33	24	27	409	2.82
192	Nervous System	0	0	0	0	0	0	0	0	0	1	1	3	1	1	0	0	7	0.05
193	Thyroid Gland	0	0	0	0	1	1	0	2	1	7	8	6	10	7	6	16	65	0.45
194	Oth. Endo. Gland	10	4	1	0	1	1	1	2	0	3	0	0	0	0	1	1	25	0.17
195	Ill Def. Sites	2	4	2	1	5	1	3	8	12	19	30	27	23	22	15	32	206	1.42
196	Sec. Lymph Node	0	1	1	1	0	1	1	3	6	11	16	17	27	17	14	21	137	0.94
197	Sec. Res. Etc	0	0	0	0	0	0	2	3	7	4	13	17	30	31	14	21	142	0.98
198	Sec. Other	2	0	0	0	0	0	1	1	2	4	6	7	13	5	16	13	70	0.48
199	Prim. Unknown	4	5	5	6	4	3	7	19	21	38	59	65	72	61	44	58	471	3.24
200	Lymphosarcoma	3	1	2	0	1	0	2	0	2	2	3	1	2	1	1	5	26	0.18
201	Hodgkins. Disease	2	2	2	3	6	6	4	5	13	5	7	11	4	5	6	2	83	0.57
202	Oth. Lymph	11	13	14	13	24	20	23	25	40	26	42	48	55	56	49	42	501	3.45
203	Mult. Myeloma	0	0	0	0	1	0	0	0	3	10	19	28	24	18	34	21	158	1.09
204	Leuk. Lymphatic	44	44	34	50	25	17	9	8	10	11	12	15	10	15	13	26	343	2.36
205	Leuk. Myelocytic	15	14	15	27	24	35	41	37	36	37	33	36	24	24	20	20	438	3.02
206	Leuk. Monocytic	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	3	0.02
207	Leuk. Misc.	1	0	0	0	1	0	0	1	0	0	0	0	1	0	1	0	5	0.03
208	Leuk. Unspecified	14	12	23	14	7	5	9	4	9	6	8	7	10	5	5	7	145	1
	All Sites	168	147	148	194	204	201	290	436	684	1034	1475	1762	1999	1956	1676	2142	14516	100

**TABLE: MUM-9(b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-9)
1990-1996 - Females**

% = Relative Proportion of Cancers of All Sites.

Mumbai

ICD-9	Site	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	Total	%
140	Lip	0	0	0	0	0	0	0	0	0	1	2	1	1	3	1	2	11	0.09
141	Tongue	0	0	0	0	0	3	7	6	14	20	19	28	28	21	21	37	204	1.66
142	Salivary Gland	0	0	0	0	0	1	0	0	1	1	0	0	2	2	0	7	14	0.11
143	Gum	0	0	0	0	0	1	1	3	5	7	6	8	9	10	11	8	69	0.56
144	Floor of Mouth	0	0	0	0	0	0	0	1	0	4	1	3	4	0	2	0	15	0.12
145	Other Mouth	0	0	0	1	0	1	7	8	13	16	16	27	35	24	18	41	207	1.68
146	Oropharynx	0	0	0	0	0	1	0	1	0	2	3	6	3	7	4	6	33	0.27
147	Nasopharynx	0	1	0	0	0	0	1	2	1	1	2	1	4	1	4	5	23	0.19
148	Hypopharynx	0	0	0	0	1	4	5	9	8	13	11	10	10	8	11	12	102	0.83
149	Pharynx Etc.	0	0	0	1	1	2	3	4	8	10	6	9	19	20	12	26	121	0.98
150	Oesophagus	0	0	0	1	2	8	10	22	39	68	115	120	137	146	102	196	966	7.85
151	Stomach	0	0	0	3	2	6	11	12	31	34	49	42	45	59	51	86	431	3.5
152	Small Intestine	0	0	0	0	1	0	0	1	1	3	2	5	1	3	5	6	28	0.23
153	Colon	0	0	0	1	2	9	6	10	16	24	32	26	35	46	45	77	329	2.67
154	Rectum	0	0	1	3	4	9	6	13	8	21	15	18	34	33	32	51	248	2.01
155	Liver	5	0	0	0	1	5	7	9	18	23	42	34	46	57	49	65	361	2.93
156	Gall Bladder	0	0	0	1	0	2	5	12	22	24	32	37	42	40	26	50	293	2.38
157	Pancreas	0	0	0	0	1	1	6	13	15	14	34	33	31	43	29	40	260	2.11
158	Retroperitoneum	1	0	1	0	0	0	0	1	2	2	4	3	5	3	1	10	33	0.27
159	Other Dig System	0	0	0	0	1	1	1	3	5	5	8	7	5	6	10	18	70	0.57
160	Nasal Cavity	0	0	0	0	0	1	2	2	2	7	5	4	5	5	5	7	45	0.37
161	Larynx	0	0	0	1	0	2	0	6	11	10	12	20	22	34	24	38	180	1.46
162	Lung	0	0	2	2	5	4	12	19	35	45	57	60	62	63	61	107	534	4.34
163	Pleura	1	0	0	1	1	0	1	1	2	2	2	3	4	4	3	9	34	0.28
164	Thymus	0	0	1	0	1	1	1	1	1	0	2	0	1	0	1	2	12	0.1
165	Other Resp.	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.01
170	Bone	4	4	18	13	5	5	4	5	6	11	5	8	14	8	18	26	154	1.25
171	Conn. Tissue	9	2	1	5	2	4	2	3	6	0	4	2	11	0	5	5	61	0.5
172	Skin Melanoma	1	0	0	0	1	0	0	1	0	2	2	1	1	1	1	3	14	0.11
173	Skin. Other	0	0	0	0	1	1	2	0	1	1	2	5	4	2	8	13	40	0.32
174	Breast	0	0	0	0	7	38	83	159	250	302	356	299	257	221	182	276	2430	19.74
179	Uterus Nos.	0	0	0	0	2	4	5	11	26	43	40	60	66	46	65	64	432	3.51
180	Cervix	0	0	0	0	6	14	33	81	116	151	153	154	161	122	95	106	1192	9.68
181	Placenta	0	0	0	0	3	2	3	4	1	1	0	0	0	0	0	0	14	0.11
182	Body Uterus	0	0	0	0	1	0	0	0	2	2	3	2	7	9	7	4	37	0.3
183	Ovary	1	1	4	9	12	11	21	43	79	94	112	112	111	88	55	76	829	6.73
184	Vagina	0	0	0	0	1	1	3	1	7	12	8	3	6	7	13	14	76	0.62
188	Uri. Bladder	1	0	1	0	0	0	2	2	2	2	2	8	14	12	13	29	88	0.71
189	Kidney	4	2	1	2	1	0	3	3	6	5	11	6	10	9	12	12	87	0.71
190	Eye	5	4	1	0	1	0	0	1	1	1	3	1	1	2	1	2	24	0.19
191	Brain	12	15	18	10	10	11	13	6	17	30	20	27	22	20	18	19	268	2.18
192	Nervous System	1	0	0	0	0	0	0	0	0	1	0	0	0	2	1	1	6	0.05
193	Thyroid Gland	0	0	0	0	0	3	2	2	2	8	8	9	16	18	10	21	99	0.8
194	Oth. Endo. Gland	5	3	2	1	2	0	0	0	1	1	1	2	2	1	0	0	20	0.16
195	Ill Def. Sites	3	1	0	1	1	2	3	4	11	9	17	13	16	15	18	32	146	1.19
196	Sec. Lymph. Node	0	1	0	0	1	0	0	2	1	7	4	3	9	7	7	9	51	0.41
197	Sec. Res. Etc	0	0	0	0	0	2	3	2	3	6	15	12	13	11	22	22	111	0.9
198	Sec. Other	0	1	0	0	0	1	1	1	0	2	4	5	8	8	3	6	40	0.32
199	Prim. Unknown	3	1	6	2	3	7	9	12	22	32	34	50	38	46	47	49	361	2.93
200	Lymphosarcoma	1	0	0	2	0	0	0	2	0	1	3	1	2	2	1	1	16	0.13
201	Hodgkins. Disease	0	0	1	3	7	3	1	0	2	5	4	6	5	6	1	2	46	0.37
202	Oth. Lymph. Node	6	3	7	9	4	13	9	12	16	15	24	38	37	29	31	44	297	2.41
203	Mult. Myeloma	0	0	0	0	0	0	2	4	1	5	9	20	14	20	18	16	109	0.89
204	Leuk. Lymphatic	35	35	14	17	6	12	7	8	4	5	8	3	9	17	8	14	202	1.64
205	Leuk. Myelocytic	9	13	14	16	20	26	21	18	23	26	32	28	19	15	15	18	313	2.54
206	Leuk. Monocytic	0	0	1	0	0	0	1	1	0	0	0	1	1	0	0	1	6	0.05
207	Leuk. Misc.	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	4	0.03
208	Leuk. Unspecified	16	9	4	7	7	4	9	4	2	6	8	7	5	7	11	10	116	0.94
	All Sites	123	96	98	113	127	227	334	551	865	1143	1369	1391	1470	1389	1215	1802	12313	100.00

TABLE: MUM-10(a):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 Yrs) (TR) Mortality Rate per 100,000 population: 1990-1996 - Males
Mumbai

ICD-9	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
140	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.5	0.1	0.4	0.3	0.6	0.1	0.1	0.0	0.2
141	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.8	1.5	3.2	6.8	6.7	10.6	16.0	20.7	22.8	1.6	2.7	0.1	4.4
142	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.4	1.1	0.9	1.3	1.2	0.1	0.2	0.0	0.3
143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	0.8	1.0	0.9	1.5	2.5	1.7	0.2	0.3	0.0	0.6
144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.4	0.3	0.6	0.9	0.3	1.4	0.1	0.1	0.0	0.2
145	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.5	0.9	1.7	2.0	3.6	5.3	6.6	8.2	7.8	0.8	1.2	0.1	2.1
146	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.5	1.4	1.9	3.5	4.8	4.3	8.5	6.9	0.6	1.0	0.1	1.8
147	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.0	0.3	0.2	0.5	0.8	0.9	1.7	0.9	0.9	0.2	0.2	0.0	0.4
148	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.4	1.1	1.6	3.5	4.5	7.0	11.9	17.6	13.8	1.1	1.8	0.1	2.6
149	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	0.3	1.7	2.4	5.3	7.9	11.7	19.8	17.9	1.1	1.9	0.1	2.6
150	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.6	2.2	4.9	9.8	18.7	24.6	39.2	56.2	71.8	3.6	6.5	0.2	8.6
151	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.7	1.2	3.2	5.8	9.9	13.2	23.6	33.0	32.6	2.0	3.6	0.1	4.9
152	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.4	0.5	1.7	1.6	2.3	2.3	0.1	0.2	0.0	0.2
153	0.0	0.0	0.0	0.1	0.0	0.1	0.2	0.4	0.9	1.8	2.2	4.4	5.5	8.7	15.1	22.8	1.0	1.8	0.1	2.3
154	0.0	0.0	0.0	0.0	0.2	0.1	0.3	0.4	0.4	1.2	1.9	3.3	4.8	7.5	11.6	20.2	0.8	1.4	0.1	1.7
155	0.3	0.1	0.1	0.0	0.0	0.0	0.3	0.7	1.2	2.2	3.9	7.4	11.7	21.5	25.4	24.8	1.7	2.9	0.1	3.9
156	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.8	1.2	2.3	4.2	5.5	7.9	9.8	0.5	0.9	0.1	1.3
157	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.7	1.4	3.0	4.7	7.9	10.4	13.8	14.1	1.0	1.7	0.1	2.6
158	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.3	0.3	0.7	1.5	1.6	0.9	0.1	0.2	0.0	0.2
159	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.6	1.2	0.5	1.3	2.8	1.7	0.1	0.2	0.0	0.3
160	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.4	0.8	1.3	1.5	1.3	2.3	0.2	0.3	0.0	0.4
161	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.3	3.6	6.1	13.7	15.8	30.7	37.1	48.2	2.5	4.5	0.1	5.8
162	0.0	0.0	0.0	0.1	0.2	0.2	0.6	1.2	2.6	5.0	11.6	22.6	37.8	61.3	76.9	71.5	4.6	8.4	0.2	11.4
163	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.3	0.4	1.1	2.3	1.6	1.2	0.1	0.2	0.0	0.3
164	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.4	0.2	0.9	0.6	0.6	0.1	0.1	0.0	0.2
165	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	0.1	0.1	0.4	0.9	0.4	0.1	0.2	0.2	0.3	1.0	1.1	1.5	2.4	5.1	5.0	2.6	0.6	0.8	0.1	1.0
171	0.1	0.2	0.1	0.1	0.1	0.2	0.1	0.3	0.2	0.1	0.2	0.4	0.5	1.3	0.3	2.0	0.2	0.3	0.0	0.3
172	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.2	0.4	0.6	0.4	0.9	0.6	0.1	0.1	0.0	0.2
173	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.4	0.4	0.6	0.8	1.9	3.7	0.1	0.2	0.0	0.3
175	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.1	0.0	1.3	2.3	0.0	0.1	0.0	0.1
185	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	1.1	2.6	5.1	14.0	39.9	80.5	80.5	1.5	3.2	0.1	1.3
186	0.2	0.0	0.0	0.1	0.4	0.4	0.3	0.3	0.5	0.3	0.1	0.1	0.8	0.2	2.2	0.6	0.3	0.3	0.0	0.3
187	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.3	0.7	0.9	1.0	1.9	2.5	4.9	0.2	0.4	0.0	0.5
188	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.2	0.3	0.7	1.6	2.5	5.3	9.4	17.3	24.8	0.8	1.6	0.1	1.5
189	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.0	0.2	0.7	1.1	2.0	3.3	5.3	5.7	5.5	0.4	0.7	0.1	1.0
190	0.3	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.1	0.2	0.3	0.3	0.1	0.1	0.0	0.1
191	0.4	0.7	0.5	0.3	0.3	0.3	0.5	0.8	1.2	1.4	2.5	4.0	4.7	6.2	7.5	7.8	1.0	1.4	0.1	2.2
192	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1
193	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.5	0.5	1.1	1.3	1.9	4.6	0.2	0.3	0.0	0.4
194	0.3	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.3	0.3	0.1	0.1	0.0	0.0
195	0.1	0.1	0.1	0.0	0.1	0.0	0.1	0.2	0.5	0.9	1.9	2.4	2.6	4.1	4.7	9.2	0.5	0.8	0.1	1.3
196	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.0	1.5	3.1	3.2	4.4	6.1	0.3	0.6	0.1	0.9
197	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.8	1.5	3.4	5.8	4.4	6.1	0.4	0.7	0.1	0.9
198	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.4	0.6	1.5	0.9	5.0	3.7	0.2	0.3	0.0	0.4
199	0.1	0.1	0.1	0.2	0.1	0.1	0.2	0.6	0.8	1.8	3.7	5.8	8.2	11.5	13.8	16.7	1.2	2.0	0.1	3.0
200	0.1	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.1	0.2	0.2	0.3	1.4	0.1	0.1	0.0	0.1
201	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.5	0.2	0.4	1.0	0.5	0.9	1.9	0.6	0.2	0.3	0.0	0.4
202	0.3	0.3	0.4	0.3	0.5	0.5	0.6	0.8	1.5	1.3	2.6	4.3	6.3	10.6	15.4	12.1	1.3	1.9	0.1	2.5
203	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.5	1.2	2.5	2.7	3.4	10.7	6.1	0.4	0.7	0.1	1.0	
204	1.3	1.2	0.9	1.3	0.6	0.4	0.2	0.2	0.4	0.5	0.7	1.3	1.1	2.8	4.1	7.5	0.9	1.1	0.1	0.7
205	0.4	0.4	0.4	0.7	0.5	0.9	1.1	1.1	1.4	1.8	2.0	3.2	2.7	4.5	6.3	5.8	1.1	1.3	0.1	1.9
206	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0
207	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.3	0.0	0.0	0.0	0.0	0.0
208	0.4	0.3	0.6	0.4	0.2	0.1	0.2	0.1	0.3	0.3	0.5	0.6	1.1	0.9	1.6	2.0	0.4	0.4	0.0	0.5
All	4.7	3.8	4.0	5.1	4.2	4.4	7.6	13.6	26.3	49.3	91.3	157.9	228.3	368.6	526.5	617.9	36.9	62.2	0.6	82.2

TABLE: MUM-10(b):
Average Annual Age Specific, Crude (CR), Age Adjusted (AAR) (with Standard Error(SE)) and
Truncated (35-64 Yrs) (TR) Mortality Rate per 100,000 population: 1990-1996 - Females
Mumbai

ICD-9	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	>75	CR	AAR	SE	TR
140	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.7	0.3	0.5	0.0	0.1	0.0	0.1
141	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.8	1.3	1.6	3.1	3.7	4.6	6.9	9.9	0.6	1.0	0.1	1.6
142	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.4	0.0	1.9	0.0	0.1	0.0	0.1
143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.5	0.5	0.9	1.2	2.2	3.6	2.1	0.2	0.3	0.0	0.5
144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.1	0.3	0.5	0.0	0.7	0.0	0.0	0.1	0.0	0.2
145	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.7	1.1	1.4	3.0	4.6	5.3	5.9	11.0	0.6	1.0	0.1	1.6
146	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.7	0.4	1.5	1.3	1.6	0.1	0.2	0.0	0.2
147	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.5	0.2	1.3	1.3	0.1	0.1	0.0	0.1
148	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.4	0.9	1.0	1.1	1.3	1.8	3.6	3.2	0.3	0.5	0.0	0.8
149	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.7	0.5	1.0	2.5	4.4	3.9	7.0	0.4	0.6	0.1	0.8
150	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.9	2.1	4.5	10.0	13.3	18.1	32.0	33.3	52.5	2.9	4.9	0.2	7.1
151	0.0	0.0	0.0	0.1	0.1	0.2	0.4	0.5	1.7	2.3	4.2	4.7	5.9	12.9	16.7	23.0	1.3	2.1	0.1	2.9
152	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	0.6	0.1	0.7	1.6	1.6	0.1	0.1	0.0	0.2
153	0.0	0.0	0.0	0.0	0.1	0.3	0.2	0.4	0.9	1.6	2.8	2.9	4.6	10.1	14.7	20.6	1.0	1.7	0.1	2.0
154	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.5	0.4	1.4	1.3	2.0	4.5	7.2	10.4	13.7	0.7	1.2	0.1	1.5
155	0.2	0.0	0.0	0.0	0.0	0.1	0.2	0.3	1.0	1.5	3.6	3.8	6.1	12.5	16.0	17.4	1.1	1.8	0.1	2.4
156	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5	1.2	1.6	2.8	4.1	5.5	8.8	8.5	13.4	0.9	1.4	0.1	2.3
157	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8	0.9	2.9	3.7	4.1	9.4	9.5	10.7	0.8	1.3	0.1	1.9
158	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.3	0.7	0.7	0.3	2.7	0.1	0.2	0.0	0.2
159	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.3	0.7	0.8	0.7	1.3	3.3	4.8	0.2	0.3	0.0	0.4
160	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.5	0.4	0.4	0.7	1.1	1.6	1.9	0.1	0.2	0.0	0.3
161	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.6	0.7	1.0	2.2	2.9	7.5	7.8	10.2	0.5	0.9	0.1	1.1
162	0.0	0.0	0.1	0.1	0.1	0.1	0.4	0.7	1.9	3.0	4.9	6.7	8.2	13.8	19.9	28.7	1.6	2.6	0.1	3.8
163	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.5	0.9	1.0	2.4	0.1	0.2	0.0	0.2
164	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0	0.1	0.0	0.3	0.5	0.0	0.0	0.0	0.1
165	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	0.1	0.1	0.5	0.4	0.1	0.1	0.1	0.2	0.3	0.7	0.4	0.9	1.8	1.8	5.9	7.0	0.5	0.7	0.1	0.7
171	0.3	0.1	0.0	0.2	0.1	0.1	0.1	0.1	0.3	0.0	0.3	0.2	1.5	0.0	1.6	1.3	0.2	0.2	0.0	0.4
172	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.1	0.2	0.3	0.8	0.0	0.1	0.0	0.1
173	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1	0.1	0.2	0.6	0.5	0.4	2.6	3.5	0.1	0.2	0.0	0.2
174	0.0	0.0	0.0	0.0	0.2	1.1	2.8	6.1	13.7	20.2	30.8	33.2	34.0	48.5	59.4	74.0	7.3	11.0	0.2	21.4
179	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.4	1.4	2.9	3.5	6.7	8.7	10.1	21.2	17.1	1.3	2.2	0.1	3.5
180	0.0	0.0	0.0	0.0	0.2	0.4	1.1	3.1	6.3	10.1	13.2	17.1	21.3	26.8	31.0	28.4	3.6	5.5	0.2	10.9
181	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
182	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.2	0.9	2.0	2.3	1.1	0.1	0.2	0.0	0.2
183	0.0	0.0	0.1	0.3	0.3	0.3	0.7	1.7	4.3	6.3	9.7	12.4	14.7	19.3	18.0	20.4	2.5	3.8	0.1	7.4
184	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.4	0.8	0.7	0.3	0.8	1.5	4.2	3.8	0.2	0.4	0.0	0.5
188	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.2	0.9	1.8	2.6	4.2	7.8	0.3	0.5	0.1	0.4
189	0.1	0.1	0.0	0.1	0.0	0.0	0.1	0.1	0.3	0.3	1.0	0.7	1.3	2.0	3.9	3.2	0.3	0.4	0.0	0.6
190	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3	0.1	0.1	0.4	0.3	0.5	0.1	0.1	0.0	0.1
191	0.4	0.4	0.5	0.3	0.3	0.3	0.4	0.2	0.9	2.0	1.7	3.0	2.9	4.4	5.9	5.1	0.8	1.1	0.1	1.7
192	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.4	0.3	0.3	0.0	0.0	0.0	0.0
193	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.5	0.7	1.0	2.1	3.9	3.3	5.6	0.3	0.5	0.1	0.7
194	0.2	0.1	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.3	0.2	0.0	0.0	0.1	0.1	0.0	0.1
195	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.6	0.6	1.5	1.4	2.1	3.3	5.9	8.6	0.4	0.7	0.1	1.0
196	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5	0.3	0.3	1.2	1.5	2.3	2.4	0.2	0.3	0.0	0.4
197	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.4	1.3	1.3	1.7	2.4	7.2	5.9	0.3	0.6	0.1	0.7
198	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.3	0.6	1.1	1.8	1.0	1.6	0.1	0.2	0.0	0.3
199	0.1	0.0	0.2	0.1	0.1	0.2	0.3	0.5	1.2	2.1	2.9	5.5	5.0	10.1	15.3	13.1	1.1	1.7	0.1	2.6
200	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.1	0.3	0.1	0.3	0.4	0.3	0.3	0.0	0.1	0.0	0.1
201	0.0	0.0	0.0	0.1	0.2	0.1	0.0	0.0	0.1	0.3	0.3	0.7	0.7	1.3	0.3	0.5	0.1	0.2	0.0	0.3
202	0.2	0.1	0.2	0.3	0.1	0.4	0.3	0.5	0.9	1.0	2.1	4.2	4.9	6.4	10.1	11.8	0.9	1.4	0.1	2.0
203	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.1	0.3	0.8	2.2	1.8	4.4	5.9	4.3	0.3	0.6	0.1	0.8
204	1.1	1.0	0.4	0.5	0.2	0.3	0.2	0.3	0.2	0.3	0.7	0.3	1.2	3.7	2.6	3.8	0.6	0.8	0.1	0.5
205	0.3	0.4	0.4	0.5	0.6	0.7	0.7	0.7	1.3	1.7	2.8	3.1	2.5	3.3	4.9	4.8	0.9	1.2	0.1	1.9
206	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	0.0	0.3	0.0	0.0	0.0	0.0
207	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	0.0	0.0
208	0.5	0.3	0.1	0.2	0.2	0.1	0.3	0.2	0.1	0.4	0.7	0.8	0.7	1.5	3.6	2.7	0.3	0.5	0.0	0.4
All	3.8	2.7	2.6	3.4	3.4	6.3	11.0	21.1	47.5	76.3	118.6	154.3	194.0	304.6	396.5	482.9	36.6	58.2	0.5	92.4

TABLE: MUM-11: Number (#) and Proportion (%) of Types of Childhood Cancers 1990-1996
Mumbai

Type of Childhood Cancer	Males		Females	
	#	%	#	%
I. LEUKAEMIAS	368	33.15	234	31.16
(a) Acute lymphocytic leukaemia	250	22.52	142	18.91
(b) Other lymphoid leukaemia	4	0.36	3	0.40
(c) Acute non-lymphocytic leukaemia	56	5.05	49	6.52
(d) Chronic myeloid leukaemia	12	1.08	2	0.27
(e) Other and unspecified leukaemia	46	4.14	38	5.06
II. LYMPHOMAS & OTHER RETICULOENDOTHELIAL	175	15.77	77	10.25
(a) Hodgkin's disease	85	7.66	22	2.93
(b) Non-Hodgkin lymphoma	56	5.05	31	4.13
(c) Burkitt's lymphoma	6	0.54	6	0.80
(d) Unspecified lymphomas	28	2.52	18	2.40
(e) Histiocytosis X	0	0.00	0	0.00
(f) Other reticuloendothelial neoplasms	0	0.00	0	0.00
III. C.N.S.& MISC.INTRACRANIAL & INTRASPINAL NEOP.	189	17.03	131	17.44
(a) Ependymoma	7	0.63	6	0.80
(b) Astrocytoma	84	7.57	46	6.13
(c) Medulloblastoma	59	5.32	28	3.73
(d) Other glioma	22	1.98	30	3.99
(e) Misc.intracranial & intraspinal neop.	17	1.53	21	2.80
IV. SYMPATHETIC NERVOUS SYSTEM TUMOURS	46	4.14	38	5.06
(a) Neuroblastoma & ganglioneuroblastoma	42	3.78	36	4.79
(b) Other	4	0.36	2	0.27
V. RETINOBLASTOMA	44	3.96	29	3.86
VI. RENAL TUMOURS	47	4.23	38	5.06
(a) Wilms' tumour	39	3.51	34	4.53
(b) Renal carcinoma	3	0.27	2	0.27
(c) Other & unsp. malignant renal tumours	5	0.45	2	0.27
VII. HEPATIC TUMOURS	24	2.16	17	2.26
(a) Hepatoblastoma	14	1.26	12	1.60
(b) Hepatic carcinoma	7	0.63	3	0.40
(c) Other & unsp. malignant hepatic tumours	3	0.27	2	0.27
VIII. MALIGNANT BONE TUMOURS	47	4.23	47	6.26
(a) Osteosarcoma	12	1.08	20	2.66
(b) Chondrosarcoma	0	0.00	1	0.13
(c) Ewing's sarcoma	27	2.43	17	2.26
(d) Other & unsp. malignant bone tumours	8	0.72	9	1.20
IX. SOFT-TISSUE(S-T) SARCOMAS(S)	59	5.32	38	5.06
(a) Rhabdomyos. embryonals.& s-t.Ewings tum.	32	2.88	22	2.93
(b) Fibros.neurofibros.&oth.fibromatous neop.	7	0.63	2	0.27
(c) Other soft-tissue sarcoma	20	1.80	14	1.86
X. GERM-CELL TROPHOBLASTIC & OTH GONADAL NEOP.	27	2.43	42	5.59
(a) Non-gonadal gc & trophoblastic neop.	7	0.63	7	0.93
(b) Gonadal gc & trophoblastic neop.	17	1.53	30	3.99
(c) Gonadal carcinoma	0	0.00	0	0.00
(d) Other & unsp.malignant gonadal tumours	3	0.27	5	0.67
XI. CARCINOMA & OTH MALIGNANT EPITHELIAL NEOP.	52	4.68	38	5.06
(a) Adrenocortical carcinoma	2	0.18	2	0.27
(b) Thyroid carcinoma	3	0.27	2	0.27
(c) Nasopharyngeal carcinoma	9	0.81	2	0.27
(d) Malanomatous neoplasms	0	0.00	1	0.13
(e) Other carcinoma	38	3.42	31	4.13
XII OTHER & UNSP. MALIGNANT NEOPLASMS	22	1.98	18	2.40
OTHERS (Not Classified)	10	0.90	4	0.53
TOTAL (ALL CHILDHOOD CANCERS)	1110	100.00	751	100.00