

## POPULATION BASED CANCER REGISTRY, BANGALORE Kidwai Memorial Institute of Oncology, Bangalore

**Dr P.S. Prabhakaran**, MBBS, MS, Director,  
Kidwai Memorial Institute of Oncology & Principal Investigator, PBCR, Bangalore

**Dr Aruna E Prasad**, MBBS, MD, Officer-in-Charge, PBCR, Bangalore

To study cancer patterns in Bangalore Urban Agglomeration a Population Based Cancer Registry (PBCR) was established at Kidwai Memorial Institute of Oncology in December 1981 under the auspices of National Cancer Registry Programme of the Indian Council of Medical Research. The actual registration of cancer cases in the area covering Bangalore Urban Agglomerate commenced from 1st January 1982. KIMIO is recognized as Regional Cancer Research and Treatment Centre in Karnataka State. The PBCR covers an area of 365.7 sq. km.

Bangalore is the capital of the State of Karnataka, India, in the southern part of the country and lies at 13°N and 78°E. It is situated at an altitude of 914 metres above mean sea level (MSL). The Urban Agglomeration has been divided into Bangalore Mahanagara Palike consisting of 100 wards and adjoining 8 city municipal councils and 25 death registration units for administrative convenience. The Population Based Cancer Registry covers an urban population of 5.1 millions. Kannada is the predominantly spoken language, Hindus (83%) formed the majority followed by Muslim 10%, Christian 6% and others 1%.

### METHOD OF CANCER REGISTRATION IN PBCR, BANGALORE

The Assistant Social Scientist of the registry, visit the various sources of registration i.e. Government Hospitals, Private Hospitals, Teaching Hospitals, Nursing Homes, Diagnostic laboratories and hospices to collect data on cancer cases who are residents of the city of Bangalore in a standard format (i.e. core proforma). The Assistant Social Scientist visit the sources according to the regular weekly schedule. The incident data of cancer cases are collected by interviewing the cases wherever possible and or from medical records. If there is any doubt in residential status the house visit will be conducted wherever possible. The details of proved cancer are compiled in the core proforma by the staff of PBCR. The first edition of the International Classification of Diseases for Oncology (ICD-O) and the 9th revision of the International Classification of Diseases (ICD-9) have been used to code topography and morphology. Since 1998 as per the instruction of the Coordinating Unit, data are coded using the second edition of ICD-O.

Data on mortality are collected from the death registers maintained at the corporation death unit and city municipal councils. Death registers in Government Hospitals and other private hospitals are scrutinized for more information on cause of death. The death registration system is not properly

maintained and the information obtained is often inadequate. Frequently the cause of death is given as cardio respiratory arrest. Efforts are being made to improve the system by conducting meetings with medical officers of various death registration units.

Data entry, range and consistency checks, tabulation etc. are all carried out with in house programs developed on D-base and EPI-Info packages. Duplicate checks are carried out by the combination of computer programme and manual verification.

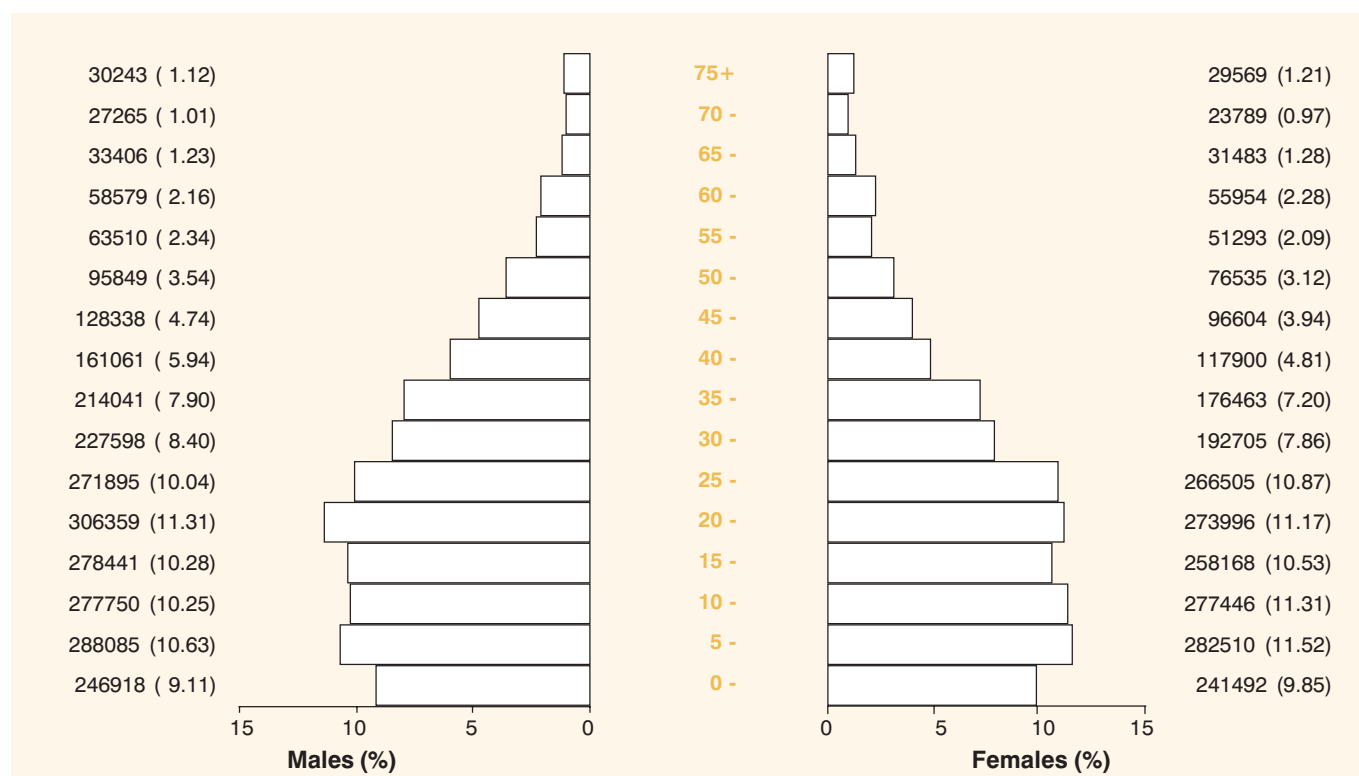
All the information collected from the said sources are kept strictly confidential and used only for research purposes. No contacts in any form are made with the patient registered exclusively from the private hospital. The registry owes its success to the unstinted co-operation of the chiefs and other personnel of all the institutions that have participated in the registry programme and seeks their continued support.

All patients registered under PBCR are classified into proved cancer, proved non-cancer, probably cancer and probably non-cancer. A report concerning cancer is published every year based on the data (usually of two years). Besides this the PBCR provided a background for studies in KMIO by providing the data on cancer burden in the community and registry aids in cancer control programme. The staff of PBCR is actively involved in various studies of cancers in the community care, helps plan services for geographical area and contribute to professional and public education concerning cancer. Active follow-up through visits of homes of patients was a new activity of the registry. This was done for selected sites of cancer and results of survival analysis have since been published. The registry is now in the process of undertaking specific exercises to determine completeness of coverage as well quality assurance of data.

#### *Staff of Population Based Cancer Registry, Bangalore*

<b>Mr K. Puttaswamy, M.Sc., L.LB.</b>	:	Senior Bio-statistician
<b>Mr K.V. Krishna Reddy, M.Sc.</b>	:	Junior Bio-statistician
<b>Mr B.R. Gopalkrishnappa, M.Sc., L.LB.</b>	:	Field Supervisor
<b>Mr N.M. Sreerama Reddy, M.A.</b>	:	Assistant Social Scientist
<b>Mr Rajanna, M.A.</b>	:	Assistant Social Scientist
<b>Mr T.C. Venugopal, M.A.</b>	:	Assistant Social Scientist
<b>Smt A.T. Vinutha, M.A.</b>	:	Assistant Social Scientist
<b>Mr Srinivasa, M.S.W.</b>	:	Assistant Social Scientist
<b>Mr C.S. Dayananda, M.A.</b>	:	Assistant Social Scientist
<b>Smt P. Savithamma, B.A.</b>	:	Typist & Data Entry Operator

**Figure BLR-1 :**  
**Population Pyramid showing Age Distribution : 1997-98**



**TABLE BLR-1:**  
**Main Sources\* of Registration of Incident Cases of Cancer in Bangalore - 1997-1998**

Name of the Institution	Number	%
Kidwai Memorial Institute of Oncology	2864	43.1
Bangalore Institute of Oncology	1038	15.6
Curie Institute of Oncology	415	6.3
St.John's Medical College	381	5.7
Manipal Hospital	290	4.4
Victoria Hospital	178	2.7
St.Martha's Hospital	169	2.5
M.S.Ramaiah Medical College	159	2.4
Bangalore Hospital	151	2.3
St. Philomena's Hospital	71	1.1
Municipal Corporations	465	7.0
Others	454	6.8
<b>Total All Sources</b>	<b>6635</b>	<b>100.0</b>

\* 1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 1997-98.

\* 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 BLR-2(a): Number of Incident Cancers by Five Year Age Group and Site (ICD-9):  
1997-1998 – Males**

*% = Relative Proportion of Cancers of All Sites.*

**Bangalore**

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	0	2	1	0	0	1	5	0.16
141	Tongue	0	0	0	0	0	2	1	3	4	9	18	20	11	9	16	13	106	3.44
142	Salivary Gland	0	1	0	1	2	1	2	0	1	2	1	2	6	1	0	0	20	0.65
143	Gum	0	0	0	0	0	0	0	0	0	1	2	3	4	1	1	0	12	0.39
144	Floor of Mouth	0	0	0	0	0	0	0	0	2	4	1	1	4	3	1	0	16	0.52
145	Other Mouth	0	0	0	0	0	0	1	2	4	6	10	16	10	11	6	7	73	2.37
146	Oropharynx	0	0	0	0	0	0	1	0	6	5	10	15	11	17	4	6	75	2.43
147	Nasopharynx	0	0	0	3	1	3	0	0	1	0	2	1	4	1	0	3	19	0.62
148	Hypopharynx	0	0	0	0	3	0	2	5	6	16	17	26	35	21	17	23	171	5.55
149	Pharynx Etc.	0	0	0	1	0	1	1	0	0	4	1	3	8	4	2	9	34	1.10
150	Oesophagus	0	0	0	0	1	2	5	4	5	24	29	45	33	26	26	21	221	7.17
151	Stomach	0	0	0	0	2	5	7	8	17	19	30	31	38	46	38	41	282	9.15
152	Small Intestine	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	1	6	0.19
153	Colon	0	0	0	1	0	2	0	1	6	5	11	14	8	9	12	6	75	2.43
154	Rectum	0	0	0	1	8	1	3	9	10	5	16	14	19	13	14	11	124	4.02
155	Liver	1	0	0	0	0	1	2	4	0	3	11	11	18	8	12	13	84	2.73
156	Gall Bladder	0	0	0	0	0	0	1	1	4	4	3	3	1	4	2	7	30	0.97
157	Pancreas	0	1	1	0	0	0	3	2	3	5	3	5	5	7	7	1	43	1.40
158	Retroperitoneum	1	0	0	1	0	0	0	2	1	3	3	1	3	2	2	2	21	0.68
159	Other Dig Sys	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	3	0.10
160	Nasal Cavity	0	0	0	0	0	2	0	1	4	2	1	2	2	2	1	1	18	0.58
161	Larynx	0	0	0	0	0	0	2	1	8	10	12	20	16	21	11	10	111	3.60
162	Lung	0	0	0	0	1	0	4	7	9	16	26	31	28	36	32	28	218	7.08
163	Pleura	0	0	0	0	0	0	0	1	0	1	3	0	2	1	3	5	16	0.52
164	Thymus	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	4	0.13
165	Other Resp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	1	0	3	3	1	1	0	3	1	1	1	3	0	1	1	5	25	0.81
171	Conn Tissue	1	1	0	1	5	3	2	3	2	6	1	1	5	1	0	1	33	1.07
172	Skin Melanoma	0	0	0	0	0	0	0	0	1	2	0	1	0	1	1	0	6	0.19
173	Skin Other	0	0	1	0	0	0	0	1	3	3	3	5	6	6	6	6	40	1.30
175	Breast Male	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	4	0.13
185	Prostate	0	0	0	0	0	0	0	0	1	1	7	4	19	23	29	54	138	4.48
186	Testis	2	0	0	1	4	5	4	1	7	4	2	0	0	1	0	2	33	1.07
187	Penis Etc	1	0	0	0	0	1	2	3	3	6	3	8	5	4	4	3	43	1.40
188	Uri Bladder	0	0	0	0	0	0	1	2	4	4	6	8	9	6	14	16	70	2.27
189	Kidney	1	0	0	0	0	0	2	3	5	4	7	6	7	7	2	6	50	1.62
190	Eye	5	0	0	0	1	0	0	0	1	0	0	0	0	1	0	1	9	0.29
191	Brain	4	4	7	5	2	8	10	14	10	19	6	5	8	12	6	3	123	3.99
192	Nervous Sys	0	0	1	0	1	1	0	1	0	0	0	0	0	2	1	1	8	0.26
193	Thyroid Gland	0	0	1	0	1	2	3	2	5	4	6	5	2	1	2	3	37	1.20
194	Oth Endo Gland	2	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	5	0.16
195	Ill Def Sites	2	0	2	0	2	1	0	3	3	2	2	4	1	0	0	4	26	0.84
196	Sec Lymph Node	0	1	0	0	0	2	1	1	3	4	12	8	11	9	3	4	59	1.91
197	Sec Res Etc	0	0	0	0	0	0	4	2	1	7	4	6	9	8	9	3	53	1.72
198	Sec Other	0	0	0	0	1	0	1	3	4	4	5	3	5	4	3	6	39	1.27
199	Primary Unk	0	0	0	1	2	4	2	4	6	9	12	17	9	12	17	20	115	3.73
200	Lymphosarcoma	0	3	1	0	2	2	2	0	0	2	1	3	3	3	2	4	28	0.91
201	Hodgkins Dis	1	5	5	2	1	7	2	2	2	1	6	1	3	2	0	2	42	1.36
202	Oth Lymph Node	2	4	5	2	2	2	7	5	10	11	10	8	10	15	7	7	107	3.47
203	Mult Myeloma	0	0	0	0	0	0	0	3	3	3	8	4	16	3	4	4	48	1.56
204	Leuk Lymphatic	10	5	7	6	5	2	0	2	1	0	0	1	2	0	3	4	48	1.56
205	Leuk Myelocytic	4	4	2	1	9	5	6	5	13	3	6	7	4	3	4	1	77	2.50
206	Leuk Monocytic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	Leuk Misc	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.03
208	Leuk Uns	1	4	2	3	1	3	1	1	1	2	0	2	1	0	2	3	27	0.88
	<b>TOTAL</b>	<b>39</b>	<b>33</b>	<b>38</b>	<b>33</b>	<b>59</b>	<b>70</b>	<b>87</b>	<b>117</b>	<b>184</b>	<b>250</b>	<b>319</b>	<b>377</b>	<b>405</b>	<b>369</b>	<b>329</b>	<b>372</b>	<b>3081</b>	
	<b>%</b>	<b>1.2</b>	<b>1.0</b>	<b>1.2</b>	<b>1.0</b>	<b>1.9</b>	<b>2.2</b>	<b>2.8</b>	<b>3.8</b>	<b>5.9</b>	<b>8.1</b>	<b>10.3</b>	<b>12.2</b>	<b>13.1</b>	<b>11.9</b>	<b>10.6</b>	<b>12.0</b>	<b>100.0</b>	

**TABLE BLR-2(b): Number of Incident Cancers by Five Year Age Group and Site (ICD-9):  
1997-1998 – Females**

*% = Relative Proportion of Cancers of All Sites.*

**Bangalore**

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	1	0	1	1	1	0	0	0	0	4	0.11
141	Tongue	0	0	0	0	0	0	0	1	1	4	7	5	6	4	3	2	33	0.93
142	Salivary Gland	0	0	1	1	0	1	1	0	0	0	0	0	2	0	0	0	6	0.17
143	Gum	0	0	0	0	0	0	0	0	4	4	8	5	5	12	6	4	48	1.35
144	Floor of Mouth	0	0	0	0	0	0	0	2	0	1	1	1	0	0	0	0	5	0.14
145	Other Mouth	0	0	0	0	0	1	3	4	13	20	12	20	28	19	14	10	144	4.05
146	Oropharynx	0	0	0	0	0	0	0	0	2	0	1	1	2	4	1	2	13	0.37
147	Nasopharynx	0	1	1	1	0	0	0	0	1	0	1	1	0	1	1	3	11	0.31
148	Hypopharynx	0	0	0	0	0	0	2	4	2	8	4	4	7	7	1	5	44	1.24
149	Pharynx Etc	0	0	0	0	0	0	1	1	0	2	0	0	1	0	1	3	9	0.25
150	Oesophagus	0	0	0	0	0	1	2	8	8	13	21	28	32	28	25	20	186	5.23
151	Stomach	0	0	0	1	3	5	8	14	11	9	14	20	24	21	18	12	160	4.50
152	Small Intestine	0	1	0	0	0	0	0	0	2	1	0	1	0	0	0	0	5	0.14
153	Colon	0	0	0	0	0	0	2	2	7	9	7	9	6	2	5	4	53	1.49
154	Rectum	0	0	0	0	2	4	2	3	10	2	9	8	17	9	9	9	84	2.36
155	Liver	1	0	0	0	0	1	1	0	4	2	3	4	4	5	6	7	38	1.07
156	Gall Bladder	0	0	0	0	0	0	1	1	1	3	3	5	6	5	7	6	38	1.07
157	Pancreas	0	1	0	0	0	0	1	1	1	4	0	2	1	0	3	3	17	0.48
158	Retroperitoneum	1	0	0	0	0	0	0	1	1	0	1	1	4	1	0	2	12	0.34
159	Other Dig Sys	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	4	0.11
160	Nasal Cavity	0	0	1	0	0	0	0	1	1	2	3	2	3	0	2	0	15	0.42
161	Larynx	0	0	0	0	0	0	1	0	1	3	2	0	0	4	2	0	13	0.37
162	Lung	0	0	0	1	0	0	2	0	5	5	10	9	8	8	7	5	60	1.69
163	Pleura	0	0	0	0	0	1	1	1	0	0	1	2	2	2	1	1	12	0.34
164	Thymus	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.03
165	Other Resp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	2	2	4	2	0	1	3	1	1	0	2	3	2	2	2	1	28	0.79
171	Conn Tissue	0	0	0	1	2	0	1	1	3	2	3	0	0	1	1	1	16	0.45
172	Skin Melanoma	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	4	0.11
173	Skin Other	0	0	0	1	1	1	1	1	1	2	7	3	9	4	3	3	37	1.04
174	Breast Female	0	0	0	1	5	17	49	80	121	130	109	83	88	47	34	58	822	23.13
179	Uterine Un	0	0	0	0	0	0	0	0	2	3	5	2	0	3	0	1	16	0.45
180	Cervix Uteri	0	0	0	0	2	14	28	64	72	115	101	83	79	69	27	29	683	19.22
181	Placenta	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	0.08
182	Body Uterus	0	0	0	0	0	0	0	5	1	10	20	12	17	16	3	4	88	2.48
183	Ovary	2	0	1	1	2	8	7	16	12	30	21	20	12	14	10	5	161	4.53
184	Vagina	0	0	0	0	0	1	1	3	3	2	2	2	7	7	5	6	39	1.10
188	Uri Bladder	1	0	0	0	0	0	0	1	1	0	3	1	1	4	5	4	21	0.59
189	Kidney	1	2	0	0	1	1	1	1	0	2	1	2	3	1	0	0	16	0.45
190	Eye	3	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	5	0.14
191	Brain	4	10	3	2	2	7	6	8	4	6	3	6	6	1	1	1	70	1.97
192	Nervous System	1	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	6	0.17
193	Thyroid Gland	0	0	2	2	9	8	6	9	9	8	11	7	10	5	3	5	94	2.64
194	Oth Endo Gland	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	2	0.06
195	Ill Def Sites	0	0	0	1	1	1	0	2	0	0	0	1	5	0	0	2	13	0.37
196	Sec Lymph Node	0	0	0	0	0	0	1	3	2	3	5	3	3	2	2	3	27	0.76
197	Sec Res Etc	0	0	0	0	0	0	0	1	5	4	6	4	9	2	7	3	41	1.15
198	Sec Other	0	0	0	0	1	1	1	2	1	4	1	1	2	3	3	0	20	0.56
199	Primary Unk	0	0	2	0	1	4	1	12	4	9	8	11	20	14	10	21	117	3.29
200	Lymphosarcoma	0	1	0	1	0	0	0	0	1	2	0	1	0	4	2	2	14	0.39
201	Hodgkins Dis	0	3	1	0	1	5	3	1	2	1	1	0	0	4	0	3	25	0.70
202	Oth Lymphoma	0	2	0	1	4	2	3	2	1	6	3	4	8	10	10	4	60	1.69
203	Mult Myeloma	0	0	0	0	0	0	0	0	1	1	3	2	2	6	1	3	19	0.53
204	Leuk Lymphatic	3	5	3	2	2	0	2	0	0	2	1	0	1	0	1	0	22	0.62
205	Leuk Myelocytic	0	1	1	2	4	3	7	6	3	2	8	4	6	4	3	1	55	1.55
206	Leuk Monocytic	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.03
207	Leuk Misc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	Leuk Uns	3	1	1	1	0	0	1	0	1	1	3	0	1	0	1	0	14	0.39
	<b>TOTAL</b>	<b>22</b>	<b>30</b>	<b>22</b>	<b>24</b>	<b>44</b>	<b>90</b>	<b>153</b>	<b>264</b>	<b>328</b>	<b>440</b>	<b>439</b>	<b>384</b>	<b>448</b>	<b>360</b>	<b>246</b>	<b>260</b>	<b>3554</b>	
	<b>%</b>	<b>0.6</b>	<b>0.8</b>	<b>0.6</b>	<b>0.6</b>	<b>1.2</b>	<b>2.5</b>	<b>4.3</b>	<b>7.4</b>	<b>9.2</b>	<b>12.3</b>	<b>12.3</b>	<b>10.8</b>	<b>12.6</b>	<b>10.1</b>	<b>6.9</b>	<b>7.3</b>	<b>100.0</b>	

**TABLE BLR-3(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: 1997-1998 - Males**  
**Bangalore**

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	0.4	0.0	1.6	0.9	0.0	0.0	1.7	0.09	<b>0.15</b>	0.07	0.41
141	0.0	0.0	0.0	0.0	0.0	0.4	0.2	0.7	1.2	3.5	9.4	15.7	9.4	13.5	29.3	21.5	1.96	<b>3.27</b>	0.33	5.81
142	0.0	0.2	0.0	0.2	0.3	0.2	0.4	0.0	0.3	0.8	0.5	1.6	5.1	1.5	0.0	0.0	0.37	<b>0.49</b>	0.12	1.16
143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	2.4	3.4	1.5	1.8	0.0	0.22	<b>0.40</b>	0.11	0.99
144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.6	0.5	0.8	3.4	4.5	1.8	0.0	0.30	<b>0.52</b>	0.13	1.05
145	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.2	2.3	5.2	12.6	8.5	16.5	11.0	11.6	1.35	<b>2.30</b>	0.28	4.35
146	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.9	1.9	5.2	11.8	9.4	25.4	7.3	9.9	1.38	<b>2.45</b>	0.29	4.31
147	0.0	0.0	0.0	0.5	0.2	0.6	0.0	0.0	0.3	0.0	1.0	0.8	3.4	1.5	0.0	5.0	0.35	<b>0.51</b>	0.12	0.76
148	0.0	0.0	0.0	0.0	0.5	0.0	0.4	1.2	1.9	6.2	8.9	20.5	29.9	31.4	31.2	38.0	3.16	<b>5.40</b>	0.43	9.75
149	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.0	0.0	1.6	0.5	2.4	6.8	6.0	3.7	14.9	0.63	<b>1.10</b>	0.19	1.58
150	0.0	0.0	0.0	0.0	0.2	0.4	1.1	0.9	1.6	9.4	15.1	35.4	28.2	38.9	47.7	34.7	4.08	<b>6.95</b>	0.48	12.95
151	0.0	0.0	0.0	0.0	0.3	0.9	1.5	1.9	5.3	7.4	15.6	24.4	32.4	68.8	69.7	67.8	5.20	<b>8.92</b>	0.55	12.68
152	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.0	0.0	1.7	0.0	0.0	1.7	0.11	<b>0.15</b>	0.07	0.40
153	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.2	1.9	1.9	5.7	11.0	6.8	13.5	22.0	9.9	1.38	<b>2.32</b>	0.28	4.00
154	0.0	0.0	0.0	0.2	1.3	0.2	0.7	2.1	3.1	1.9	8.3	11.0	16.2	19.5	25.7	18.2	2.29	<b>3.58</b>	0.34	6.23
155	0.2	0.0	0.0	0.0	0.0	0.2	0.4	0.9	0.0	1.2	5.7	8.7	15.4	12.0	22.0	21.5	1.55	<b>2.68</b>	0.30	4.43
156	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	1.2	1.6	1.6	2.4	0.9	6.0	3.7	11.6	0.55	<b>0.89</b>	0.17	1.27
157	0.0	0.2	0.2	0.0	0.0	0.0	0.7	0.5	0.9	1.9	1.6	3.9	4.3	10.5	12.8	1.7	0.79	<b>1.27</b>	0.21	1.95
158	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.5	0.3	1.2	1.6	0.8	2.6	3.0	3.7	3.3	0.39	<b>0.62</b>	0.14	1.09
159	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.8	0.0	0.0	1.8	0.0	0.06	<b>0.08</b>	0.05	0.14
160	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.2	1.2	0.8	0.5	1.6	1.7	3.0	1.8	1.7	0.33	<b>0.48</b>	0.12	0.93
161	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.2	2.5	3.9	6.3	15.7	13.7	31.4	20.2	16.5	2.05	<b>3.58</b>	0.35	6.09
162	0.0	0.0	0.0	0.0	0.2	0.0	0.9	1.6	2.8	6.2	13.6	24.4	23.9	53.9	58.7	46.3	4.02	<b>7.05</b>	0.49	10.47
163	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	1.6	0.0	1.7	1.5	5.5	8.3	0.30	<b>0.51</b>	0.13	0.60
164	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.07	<b>0.08</b>	0.04	0.22
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	0.00	<b>0.00</b>	0.00	0.00
170	0.2	0.0	0.5	0.5	0.2	0.2	0.0	0.7	0.3	0.4	0.5	2.4	0.0	1.5	1.8	8.3	0.46	<b>0.65</b>	0.13	0.67
171	0.2	0.2	0.0	0.2	0.8	0.6	0.4	0.7	0.6	2.3	0.5	0.8	4.3	1.5	0.0	1.7	0.61	<b>0.72</b>	0.14	1.44
172	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.0	0.8	0.0	1.5	1.8	0.0	0.11	<b>0.19</b>	0.08	0.31
173	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.2	0.9	1.2	1.6	3.9	5.1	9.0	11.0	9.9	0.74	<b>1.28</b>	0.21	1.86
175	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.0	0.0	1.5	1.8	0.0	0.07	<b>0.12</b>	0.06	0.08
185	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	3.7	3.1	16.2	34.4	53.2	89.3	2.55	<b>4.88</b>	0.42	3.23
186	0.4	0.0	0.0	0.2	0.7	0.9	0.9	0.2	2.2	1.6	1.0	0.0	0.0	1.5	0.0	3.3	0.61	<b>0.70</b>	0.12	0.94
187	0.2	0.0	0.0	0.0	0.0	0.2	0.4	0.7	0.9	2.3	1.6	6.3	4.3	6.0	7.3	5.0	0.79	<b>1.24</b>	0.20	2.38
188	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.2	1.6	3.1	6.3	7.7	9.0	25.7	26.5	1.29	<b>2.24</b>	0.27	2.94
189	0.2	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.6	1.6	3.7	4.7	6.0	10.5	3.7	9.9	0.92	<b>1.51</b>	0.22	2.74
190	1.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	1.5	0.0	1.7	0.17	<b>0.34</b>	0.08	0.06
191	0.8	0.7	1.3	0.9	0.3	1.5	2.2	3.3	3.1	7.4	3.1	3.9	6.8	18.0	11.0	5.0	2.27	<b>2.93</b>	0.28	4.55
192	0.0	0.0	0.2	0.0	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	3.0	1.8	1.7	0.15	<b>0.23</b>	0.09	0.04
193	0.0	0.0	0.2	0.0	0.2	0.4	0.7	0.5	1.6	1.6	3.1	3.9	1.7	1.5	3.7	5.0	0.68	<b>0.95</b>	0.16	1.94
194	0.4	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.09	<b>0.17</b>	0.05	0.18
195	0.4	0.0	0.4	0.0	0.3	0.2	0.0	0.7	0.9	0.8	1.0	3.1	0.9	0.0	0.0	6.6	0.48	<b>0.65</b>	0.13	1.14
196	0.0	0.2	0.0	0.0	0.0	0.4	0.2	0.2	0.9	1.6	6.3	6.3	9.4	13.5	5.5	6.6	1.09	<b>1.80</b>	0.24	3.56
197	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.5	0.3	2.7	2.1	4.7	7.7	12.0	16.5	5.0	0.98	<b>1.66</b>	0.24	2.62
198	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.7	1.2	1.6	2.6	2.4	4.3	6.0	5.5	9.9	0.72	<b>1.13</b>	0.19	1.96
199	0.0	0.0	0.0	0.2	0.3	0.7	0.4	0.9	1.9	3.5	6.3	13.4	7.7	18.0	31.2	33.1	2.12	<b>3.48</b>	0.34	4.96
200	0.0	0.5	0.2	0.0	0.3	0.4	0.4	0.0	0.0	0.8	0.5	2.4	2.6	4.5	3.7	6.6	0.52	<b>0.71</b>	0.15	0.88
201	0.2	0.9	0.9	0.4	0.2	1.3	0.4	0.5	0.6	0.4	3.1	0.8	2.6	3.0	0.0	3.3	0.78	<b>0.84</b>	0.15	1.24
202	0.4	0.7	0.9	0.4	0.3	0.4	1.5	1.2	3.1	4.3	5.2	6.3	8.5	22.5	12.8	11.6	1.97	<b>2.89</b>	0.30	4.41
203	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	1.2	4.2	3.1	13.7	4.5	7.3	6.6	0.89	<b>1.46</b>	0.22	3.39
204	2.0	0.9	1.3	1.1	0.8	0.4	0.0	0.5	0.3	0.0	0.0	0.8	1.7	0.0	5.5	6.6	0.89	<b>1.14</b>	0.16	0.48
205	0.8	0.7	0.4	0.2	1.5	0.9	1.3	1.2	4.0	1.2	3.1	5.5	3.4	4.5	7.3	1.7	1.42	<b>1.73</b>	0.21	2.88
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	0.0	0.0	0.0	0.0	0.00	<b>0.00</b>	0.00	0.00
207	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.02	<b>0.02</b>	0.01	0.00
208	0.2	0.7	0.4	0.5	0.2	0.6	0.2	0.2	0.3	0.8	0.0	1.6	0.9	0.0	3.7	5.0	0.50	<b>0.56</b>	0.12	0.58
All	<b>7.8</b>	<b>5.9</b>	<b>7.1</b>	<b>6.1</b>	<b>9.9</b>	<b>13.4</b>	<b>18.6</b>	<b>27.2</b>	<b>56.8</b>	<b>97.8</b>	<b>166.2</b>	<b>296.8</b>	<b>346.1</b>	<b>552.7</b>	<b>603.2</b>	<b>615.7</b>	<b>56.8</b>	<b>91.9</b>	<b>1.72</b>	<b>145.0</b>

**TABLE BLR-3(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: 1997-1998 - Females**  
**Bangalore**

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	0.3	0.0	0.5	0.7	1.0	0.0	0.0	0.0	0.0	0.08	<b>0.13</b>	0.06	0.40
141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	2.1	4.6	4.9	5.4	6.4	6.3	3.4	0.67	<b>1.21</b>	0.21	2.62
142	0.0	0.0	0.2	0.2	0.0	0.2	0.3	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.12	<b>0.18</b>	0.08	0.00
143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.1	5.2	4.9	4.5	19.1	12.6	6.8	0.98	<b>1.83</b>	0.27	2.79
144	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.5	0.7	1.0	0.0	0.0	0.0	0.0	0.10	<b>0.15</b>	0.07	0.46
145	0.0	0.0	0.0	0.0	0.0	0.2	0.8	1.1	5.5	10.4	7.8	19.5	25.0	30.2	29.4	16.9	2.94	<b>5.10</b>	0.43	10.29
146	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.7	1.0	1.8	6.4	2.1	3.4	0.27	<b>0.50</b>	0.14	0.62
147	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.7	1.0	0.0	1.6	2.1	5.1	0.22	<b>0.33</b>	0.11	0.32
148	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	0.8	4.1	2.6	3.9	6.3	11.1	2.1	8.5	0.90	<b>1.48</b>	0.23	2.88
149	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	1.0	0.0	0.0	0.9	0.0	2.1	5.1	0.18	<b>0.28</b>	0.09	0.37
150	0.0	0.0	0.0	0.0	0.0	0.2	0.5	2.3	3.4	6.7	13.7	27.3	28.6	44.5	52.5	33.8	3.79	<b>6.78</b>	0.51	11.83
151	0.0	0.0	0.0	0.2	0.5	0.9	2.1	4.0	4.7	4.7	9.1	19.5	21.4	33.4	37.8	20.3	3.26	<b>5.33</b>	0.44	9.34
152	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.10	<b>0.12</b>	0.06	0.38
153	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	3.0	4.7	4.6	8.8	5.4	3.2	10.5	6.8	1.08	<b>1.78</b>	0.25	4.19
154	0.0	0.0	0.0	0.0	0.4	0.8	0.5	0.9	4.2	1.0	5.9	7.8	15.2	14.3	18.9	15.2	1.71	<b>2.81</b>	0.32	5.09
155	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.0	1.7	1.0	2.0	3.9	3.6	7.9	12.6	11.8	0.77	<b>1.37</b>	0.22	1.80
156	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	1.6	2.0	4.9	5.4	7.9	14.7	10.1	0.77	<b>1.41</b>	0.23	2.10
157	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.3	0.4	2.1	0.0	1.9	0.9	0.0	6.3	5.1	0.35	<b>0.54</b>	0.14	0.92
158	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.7	1.0	3.6	1.6	0.0	3.4	0.24	<b>0.42</b>	0.12	0.84
159	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.9	1.6	0.0	1.7	0.08	<b>0.14</b>	0.07	0.20
160	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.4	1.0	2.0	1.9	2.7	0.0	4.2	0.0	0.31	<b>0.49</b>	0.13	1.25
161	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	1.6	1.3	0.0	0.0	6.4	4.2	0.0	0.27	<b>0.48</b>	0.14	0.60
162	0.0	0.0	0.0	0.2	0.0	0.0	0.5	0.0	2.1	2.6	6.5	8.8	7.1	12.7	14.7	8.5	1.22	<b>2.14</b>	0.28	4.02
163	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.0	0.0	0.7	1.9	1.8	3.2	2.1	1.7	0.24	<b>0.42</b>	0.12	0.65
164	0.0	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	0.0	0.0	0.02	<b>0.02</b>	0.02	0.00
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	0.00	<b>0.00</b>	0.00	0.00
170	0.4	0.4	0.7	0.4	0.0	0.2	0.8	0.3	0.4	0.0	1.3	2.9	1.8	3.2	4.2	1.7	0.57	<b>0.77</b>	0.15	0.95
171	0.0	0.0	0.0	0.2	0.4	0.0	0.3	0.3	1.3	1.0	2.0	0.0	0.0	1.6	2.1	1.7	0.33	<b>0.45</b>	0.12	0.82
172	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7	0.0	0.0	1.6	0.0	1.7	0.08	<b>0.15</b>	0.07	0.21
173	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.3	0.4	1.0	4.6	2.9	8.0	6.4	6.3	5.1	0.75	<b>1.27</b>	0.21	2.47
174	0.0	0.0	0.0	0.2	0.9	3.2	12.7	22.7	51.3	67.3	71.2	80.9	78.6	74.6	71.5	98.1	16.76	<b>25.16</b>	0.91	59.41
179	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.6	3.3	1.9	0.0	4.8	0.0	1.7	0.33	<b>0.57</b>	0.14	1.24
180	0.0	0.0	0.0	0.0	0.4	2.6	7.3	18.1	30.5	59.5	66.0	80.9	70.6	109.6	56.7	49.0	13.93	<b>21.93</b>	0.87	51.12
181	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.06	<b>0.05</b>	0.03	0.00
182	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.4	5.2	13.1	11.7	15.2	25.4	6.3	6.8	1.79	<b>3.18</b>	0.35	6.94
183	0.4	0.0	0.2	0.2	0.4	1.5	1.8	4.5	5.1	15.5	13.7	19.5	10.7	22.2	21.0	8.5	3.28	<b>5.06</b>	0.41	10.97
184	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.9	1.3	1.0	1.3	1.9	6.3	11.1	10.5	10.1	0.80	<b>1.37</b>	0.23	1.88
188	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	2.0	1.0	0.9	6.4	10.5	6.8	0.43	<b>0.80</b>	0.17	0.71
189	0.2	0.4	0.0	0.0	0.2	0.2	0.3	0.3	0.0	1.0	0.7	1.9	2.7	1.6	0.0	0.0	0.33	<b>0.46</b>	0.12	0.96
190	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.6	0.0	0.0	0.10	<b>0.22</b>	0.07	0.11
191	0.8	1.8	0.5	0.4	0.4	1.3	1.6	2.3	1.7	3.1	2.0	5.8	5.4	1.6	2.1	1.7	1.43	<b>1.60</b>	0.22	3.15
192	0.2	0.0	0.2	0.2	0.0	0.0	0.3	0.0	0.4	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.12	<b>0.16</b>	0.06	0.19
193	0.0	0.0	0.4	0.4	1.6	1.5	1.6	2.6	3.8	4.1	7.2	6.8	8.9	7.9	6.3	8.5	1.92	<b>2.60</b>	0.28	5.22
194	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.04	<b>0.05</b>	0.04	0.10
195	0.0	0.0	0.0	0.2	0.2	0.2	0.0	0.6	0.0	0.0	0.0	1.0	4.5	0.0	0.0	3.4	0.27	<b>0.39</b>	0.11	0.83
196	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.8	1.6	3.3	2.9	2.7	3.2	4.2	5.1	0.55	<b>0.90</b>	0.18	1.88
197	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.1	2.1	3.9	3.9	8.0	3.2	14.7	5.1	0.84	<b>1.45</b>	0.23	3.04
198	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.6	0.4	2.1	0.7	1.0	1.8	4.8	6.3	0.0	0.41	<b>0.67</b>	0.15	1.08
199	0.0	0.0	0.4	0.0	0.2	0.8	0.3	3.4	1.7	4.7	5.2	10.7	17.9	22.2	21.0	35.5	2.39	<b>3.93</b>	0.38	6.43
200	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.4	1.0	0.0	1.0	0.0	6.4	4.2	3.4	0.29	<b>0.48</b>	0.14	0.40
201	0.0	0.5	0.2	0.0	0.2	0.9	0.8	0.3	0.8	0.5	0.7	0.0	0.0	6.4	0.0	5.1	0.51	<b>0.59</b>	0.14	0.42
202	0.0	0.4	0.0	0.2	0.7	0.4	0.8	0.6	0.4	3.1	2.0	3.9	7.1	15.9	21.0	6.8	1.22	<b>1.99</b>	0.27	2.54
203	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	2.0	1.9	1.8	9.5	2.1	5.1	0.39	<b>0.72</b>	0.17	0.98
204	0.6	0.9	0.5	0.4	0.4	0.0	0.5	0.0	0.0	1.0	0.7	0.0	0.9	0.0	2.1	0.0	0.45	<b>0.46</b>	0.11	0.42
205	0.0	0.2	0.2	0.4	0.7	0.6	1.8	1.7	1.3	1.0	5.2	3.9	5.4	6.4	6.3	1.7	1.12	<b>1.51</b>	0.22	2.81
206	0.0	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	0.0	0.0	0.02	<b>0.02</b>	0.02	0.00
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	0.0	0.0	0.00	<b>0.00</b>	0.00	0.00
208	0.6	0.2	0.2	0.2	0.0	0.0	0.3	0.0	0.4	0.5	2.0	0.0	0.9	0.0	2.1	0.0	0.29	<b>0.42</b>	0.10	0.62
<b>All</b>	<b>4.4</b>	<b>5.6</b>	<b>4.1</b>	<b>4.8</b>	<b>8.2</b>	<b>17.1</b>	<b>40.5</b>	<b>75.4</b>	<b>138.4</b>	<b>227.6</b>	<b>287.7</b>	<b>374.2</b>	<b>400.6</b>	<b>572.3</b>	<b>516.7</b>	<b>440.2</b>	<b>72.4</b>	<b>114.8</b>	<b>0.91</b>	<b>231.8</b>



**TABLE BLR-4(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) 1997-1998: Males - Bangalore**

ICD-9	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
140	Lip	0.01	0.01	0.01	0.01
141	Tongue	0.27	0.27	0.42	0.42
142	Salivary Gland	0.06	0.06	0.06	0.06
143	Gum	0.04	0.04	0.05	0.05
144	Floor of Mouth	0.06	0.06	0.07	0.07
145	Other Mouth	0.24	0.23	0.29	0.29
146	Oropharynx	0.28	0.28	0.32	0.32
147	Nasopharynx	0.04	0.04	0.04	0.04
148	Hypopharynx	0.50	0.50	0.66	0.66
149	Pharynx Etc.	0.09	0.09	0.11	0.11
150	Oesophagus	0.66	0.65	0.89	0.89
151	Stomach	0.79	0.79	1.14	1.13
152	Small Intestine	0.01	0.01	0.01	0.01
153	Colon	0.21	0.21	0.32	0.32
154	Rectum	0.32	0.32	0.45	0.45
155	Liver	0.22	0.22	0.33	0.33
156	Gall Bladder	0.07	0.07	0.09	0.09
157	Pancreas	0.12	0.12	0.19	0.19
158	Retroperitoneum	0.05	0.05	0.07	0.07
159	Other Dig Sys	0.01	0.00	0.01	0.01
160	Nasal Cavity	0.05	0.05	0.06	0.06
161	Larynx	0.37	0.37	0.47	0.47
162	Lung	0.64	0.64	0.93	0.93
163	Pleura	0.03	0.03	0.05	0.05
164	Thymus	0.01	0.01	0.01	0.01
165	Other Resp	0.00	0.00	0.00	0.00
170	Bone	0.04	0.04	0.05	0.05
171	Conn Tissue	0.07	0.07	0.07	0.07
172	Skin Melanoma	0.02	0.02	0.03	0.03
173	Skin Other	0.11	0.11	0.17	0.17
175	Breast Male	0.01	0.01	0.02	0.02
185	Prostate	0.29	0.29	0.56	0.55
186	Testis	0.05	0.05	0.05	0.05
187	Penis Etc	0.11	0.11	0.15	0.15
188	Uri Bladder	0.15	0.15	0.28	0.28
189	Kidney	0.15	0.15	0.17	0.17
190	Eye	0.02	0.01	0.02	0.01
191	Brain	0.27	0.27	0.32	0.32
192	Nervous Sys	0.02	0.02	0.03	0.03
193	Thyroid Gland	0.08	0.08	0.10	0.10
194	Oth Endo Gland	0.01	0.01	0.01	0.01
195	Ill Def Sites	0.04	0.04	0.04	0.04
196	Sec Lymph Node	0.20	0.19	0.22	0.22
197	Sec Res Etc	0.15	0.15	0.24	0.24
198	Sec Other	0.10	0.10	0.12	0.12
199	Primary Unk	0.27	0.27	0.42	0.42
200	Lymphosarcoma	0.06	0.06	0.08	0.08
201	Hodgkins Dis	0.08	0.08	0.08	0.08
202	Oth Lymph Node	0.28	0.28	0.34	0.34
203	Mult Myeloma	0.14	0.14	0.18	0.18
204	Leuk Lymphatic	0.05	0.05	0.08	0.08
205	Leuk Myelocytic	0.14	0.14	0.18	0.18
206	Leuk Monocytic	0.00	0.00	0.00	0.00
207	Leuk Misc	0.00	0.00	0.00	0.00
208	Leuk Uns	0.03	0.03	0.05	0.05
	<b>ALL SITES</b>	<b>8.06</b>	<b>7.75</b>	<b>11.08</b>	<b>10.49</b>



**TABLE BLR-4(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) 1997-1998: Females - Bangalore**

ICD-9	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
140	Lip	0.01	0.01	0.01	0.01
141	Tongue	0.12	0.12	0.15	0.15
142	Salivary Gland	0.02	0.02	0.02	0.02
143	Gum	0.19	0.19	0.25	0.25
144	Floor of Mouth	0.01	0.01	0.01	0.01
145	Other Mouth	0.50	0.50	0.65	0.65
146	Oropharynx	0.05	0.05	0.06	0.06
147	Nasopharynx	0.02	0.02	0.03	0.03
148	Hypopharynx	0.15	0.15	0.16	0.16
149	Pharynx Etc	0.01	0.01	0.02	0.02
150	Oesophagus	0.64	0.63	0.90	0.89
151	Stomach	0.50	0.50	0.69	0.69
152	Small Intestine	0.01	0.01	0.01	0.01
153	Colon	0.15	0.15	0.21	0.21
154	Rectum	0.26	0.25	0.35	0.35
155	Liver	0.10	0.10	0.17	0.17
156	Gall Bladder	0.11	0.11	0.19	0.19
157	Pancreas	0.03	0.03	0.06	0.06
158	Retroperitoneum	0.04	0.04	0.04	0.04
159	Other Dig Sys	0.01	0.01	0.01	0.01
160	Nasal Cavity	0.04	0.04	0.06	0.06
161	Larynx	0.05	0.05	0.07	0.07
162	Lung	0.20	0.20	0.28	0.28
163	Pleura	0.04	0.04	0.05	0.05
164	Thymus	0.00	0.00	0.00	0.00
165	Other Resp	0.00	0.00	0.00	0.00
170	Bone	0.06	0.06	0.09	0.08
171	Conn Tissue	0.04	0.04	0.05	0.05
172	Skin Melanoma	0.01	0.01	0.01	0.01
173	Skin Other	0.12	0.12	0.15	0.15
174	Breast Female	2.32	2.29	2.68	2.64
179	Uterine Un	0.06	0.06	0.06	0.06
180	Cervix Uteri	2.23	2.20	2.51	2.48
181	Placenta	0.00	0.00	0.00	0.00
182	Body Uterus	0.36	0.36	0.39	0.39
183	Ovary	0.48	0.48	0.58	0.58
184	Vagina	0.12	0.12	0.17	0.17
188	Uri Bladder	0.06	0.06	0.11	0.11
189	Kidney	0.05	0.05	0.05	0.05
190	Eye	0.01	0.01	0.01	0.01
191	Brain	0.14	0.14	0.15	0.15
192	Nervous System	0.01	0.01	0.01	0.01
193	Thyroid Gland	0.23	0.23	0.27	0.27
194	Oth Endo Gland	0.00	0.00	0.00	0.00
195	Ill Def Sites	0.03	0.03	0.03	0.03
196	Sec Lymph Node	0.08	0.08	0.10	0.10
197	Sec Res Etc	0.12	0.12	0.19	0.19
198	Sec Other	0.06	0.06	0.09	0.09
199	Primary Unk	0.34	0.34	0.44	0.44
200	Lymphosarcoma	0.05	0.05	0.07	0.07
201	Hodgkins Dis	0.06	0.06	0.06	0.06
202	Oth Lymphoma	0.18	0.18	0.28	0.28
203	Mult Myeloma	0.08	0.08	0.09	0.09
204	Leuk Lymphatic	0.03	0.03	0.04	0.04
205	Leuk Myelocytic	0.14	0.14	0.18	0.18
206	Leuk Monocytic	0.00	0.00	0.00	0.00
207	Leuk Misc	0.00	0.00	0.00	0.00
208	Leuk Uns	0.03	0.03	0.04	0.04
	<b>ALL SITES</b>	<b>10.80</b>	<b>10.24</b>	<b>13.39</b>	<b>12.53</b>