

## **POPULATION BASED RURAL CANCER REGISTRY, BARSHI (BARSHI, PARANDA & BHUM) Nargis Dutt Memorial Cancer Hospital, Barshi**

**Dr K. A. Dinshaw**, Principal Investigator

**Dr B.M. Nene**, Co-Principal Investigator

**Mr M.K. Chauhan**, Co-investigator

**Mr D.N. Rao**, Co-investigator

**Dr V.R. Keskar**, Co-Investigator

**Dr R. Rajeshwarkar**, Co-Investigator

The Rural Cancer Registry: Barshi, Paranda & Bhum, which was set up in 1987, is the first Rural Cancer Registry in the country.

The registry area comprises rural area of three sub-districts in western India viz. Barshi in Solapur district and Paranda & Bhum in Osmanabad district, situated in the campus of Nargis Dutt Memorial Cancer Hospital (NDMCH) (located on the outskirts of Barshi town) with a total population about 0.4 million in 346 villages spread over 3713 Sq. km. The village is the basic administrative unit in rural areas and is defined as having greater than 25% of the male working population engaged in agricultural activities, a population of less than 400 persons per Sq. km. and a total population of generally less than 5000. The registry area is situated between latitudes 17.1° & 18.4° N longitudes 76° & 76.4°E. Most of the population are Hindus (96%), Muslims accounting for 3% and other religious groups 1%. Diagnosis and treatment facilities within the area itself are almost non-existent. The villagers seek care from various centres even as far as 400 kms.

The registry is jointly funded by the Tata Memorial Centre, Mumbai and the Indian Council of Medical Research, New Delhi. The diagnostic and treatment facilities are provided by NDMCH with technological support from Tata Memorial Hospital.

The usual method of registration has been modified to overcome deficiencies in diagnostic services in the rural setting. Trained field investigators visit the villages regularly and interact with the rural community to identify and motivate likely cancer cases to visit NDMCH for early diagnosis and treatment. To screen symptomatic cases cancer detection clinics are held biannually in each of the 12 zones, into which the Registry area is divided. Data on cancer cases from the area are also collected from various hospitals & histopathological laboratories (situated far & wide), which serve the population. However 60% of cases, are registered from NDMCH to which the field investigator generally refer the suspected cases.

Information on deaths is collected from village death records and also directly from the local community (during village visits). As deaths are not generally medically certified, relatives of all deceased

are contacted to collect relevant information to assist in 'follow back' to the medical records in the treating hospital or physician to identify proven cancer cases. The diagnostic charges for all patients from the Registry area are borne by the Registry and for disadvantaged patients, the treatment is free.

The age-sex growth rates are estimated from the 1981 & 1991 sample survey of rural population in each of the two districts (conducted during the decennial census) and applied to the reported population of 1991, to obtain the extrapolated population for 1997-1998.

### Cancer Incidence

During the year 1997-98, 193 males and 211 females were diagnosed as cancer cases. The age-adjusted-incidence rates were 43.9 per 100,000 for males and 51.7 per 100,000 for females.

Among males, hypopharynx, oesophagus, rectum, liver and penis emerged as the leading sites of cancer and cervix and breast continued to be the leading sites of cancer among females. The following table gives the period-wise incidence of common cancer in males and females.

#### Period-wise incidence of common cancer - Males (AAR per 100,000)

ICD9	Site Description	1988-90	1991-93	1994-96	1997-98
148	Hypopharynx	5.8	6.2	3.6	4.6
150	Oesophagus	6.0	4.6	3.1	3.9
154	Rectum	2.8	2.0	1.2	3.0
155	Liver	1.2	2.4	1.7	4.6
162	Lung	1.1	1.3	2.0	1.6
185	Prostate	3.9	2.9	3.2	0.7
187	Penis	3.9	2.9	3.2	2.0
205	Leuk Myeloid	0.9	1.4	1.7	1.7
<b>140-208</b>	<b>All Sites</b>	<b>51.4</b>	<b>49.3</b>	<b>43.5</b>	<b>43.9</b>

#### Period-wise incidence of common cancer - Females

ICD9	Site Description	1988-90	1991-93	1994-96	1997-98
174	Breast	7.9	8.2	9.1	8.1
180	Cervix	25.0	30.9	28.6	21.9
<b>140-208</b>	<b>All Sites</b>	<b>51.6</b>	<b>59.8</b>	<b>56.7</b>	<b>51.7</b>

In the year 1997-98, the incidence rates for liver and hypopharyngeal cancer were leading sites among males (4.6 per 100,000) and cervix continued to have the highest rate among females (21.9 per 100,000). From the above table it can be seen that the rate for cervical cancer has shown a declining trend from 25.0 in 1988-90 to 21.9 in 1997-98. The increase in the liver cancer rate in 1997-98 compared to earlier years is not known and the reason for this increase needs to be studied in detail.

## Cancer Mortality

In all 178 deaths among males and 154 among females were reported. The age adjusted death rates was 40.2 per 100,000 in males and 38.9 per 100,000 in females.

## Quality Control

Quality control checks formulated by the National Cancer Registry Programme and International Agency for Research on Cancer are carried out routinely.

The data are evaluated for completeness by conducting annual house-to-house survey in a sample of villages. The indications are that a diagnosed case is not likely to be missed by the registry. However there is likely to be under-registration due to undiagnosed cases by registry. The under-registration is because the case do not reach to any of the diagnostic centre and medical records by the private practitioners are almost non-existent.

The registry activities have enhanced cancer awareness in the population and this has resulted in improved stage at diagnosis and improved 5 year survival in cervical cancers (1,2).

## References

1. K. Jayant, B.M. Nene, R.S. Rao, P.S. Dale (1995). Improved stage at diagnosis of cervical cancer with increased cancer awareness in a rural Indian population. *International Journal of Cancer*, 63, 161-613.
2. K. Jayant, B.M. Nene, K.A. Dinshaw, A.M. Budukh, P.S. Dale. Survival from Cervical Cancer in Barshi registry rural India. In: Sankaranarayanan R., Black R.J., Parkin D.M., editors. *Cancer Survival in developing countries*, IARC Scientific. Publication No.135, Lyon, France: International Agency for Research on Cancer, 1998: 123-34.

### *Staff of Population Based Rural Cancer Registry, Barshi*

<b>Mr B.S. Shukla</b>	: Administrator
<b>Mrs Kasturi Jayant</b>	: Honorary Consultant
<b>Mr A.M. Budukh</b>	: Statistician
<b>Dr F.Y. Khan</b>	: Medical Record Supervisor
<b>Mr S.R. Mathapati</b>	: Record Attendant
<b>Mr N.S. Panse</b>	: Field Investigator
<b>Mr N.P. Gaikawad</b>	: Field Investigator
<b>Mr N.V. Kesare</b>	: Field Investigator
<b>Mr D.R. Pise</b>	: Field Investigator
<b>Mr T.S. Dudhankar</b>	: Field Investigator
<b>Mr B.D. Honmane</b>	: Field Investigator

FIGURE BRS-1:

## Population Pyramid showing Age Distribution : 1997-98

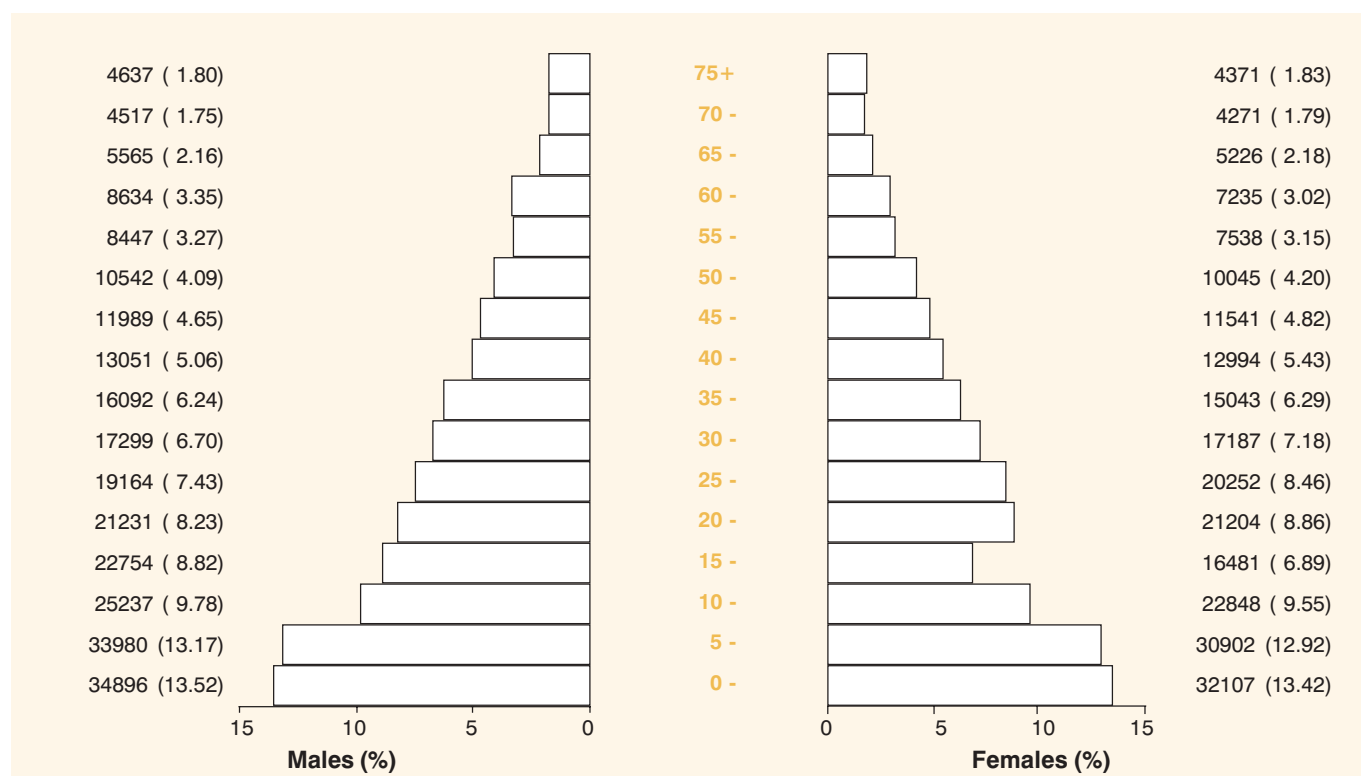


TABLE BRS-1:

## Main Sources\* of Registration of Incident Cases of Cancer in Barshi - 1997-1998

Name of the Institution	Number	%
Barshi Cancer Hospital	245	60.6
Jagadale Mama	28	6.9
Hiremath	24	5.9
Camp	16	4.0
Dr.A.S.Kothare	11	2.7
TMH-Mumbai	9	2.2
Civil Hospital	8	2.0
Siddeshwara	5	1.2
Dr.Yadav Hospital	4	1.0
NH/H Ahmednagar	4	1.0
Others	50	12.4
<b>Total All Sources</b>	<b>404</b>	<b>100</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 BRS-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.*

**Barshi**

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	0	0	0	0	0	0	0	0	0	0	0	1	0.52
141	Tongue	0	0	0	0	0	0	0	0	1	0	0	0	2	0	2	0	5	2.59
142	Salivary Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143	Gum	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	5	2.59
144	Floor of Mouth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145	Other Mouth	0	0	0	0	0	0	1	1	2	1	1	0	1	0	0	1	8	4.15
146	Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.52
147	Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
148	Hypopharynx	0	0	0	0	0	0	1	1	1	1	0	2	2	3	5	4	20	10.36
149	Pharynx etc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
150	Oesophagus	0	0	0	0	0	0	0	1	2	3	2	1	4	0	2	2	17	8.81
151	Stomach	0	0	0	0	0	0	0	1	0	0	2	1	1	1	0	0	6	3.11
152	Small Inte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153	Colon	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	0	4	2.07
154	Rectum	0	0	0	0	1	0	1	0	0	1	1	4	1	2	1	1	13	6.74
155	Liver	0	0	0	0	0	0	1	0	1	3	0	2	5	2	2	4	20	10.36
156	Gall Bladder	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.52
157	Pancreas	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	0	5	2.59
158	Retroperit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
159	Other Dig	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	Nasal Cavity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
161	Larynx	0	0	0	0	0	0	1	0	0	0	0	0	2	1	0	1	5	2.59
162	Lung	0	0	0	0	0	0	1	0	0	1	1	2	0	1	0	1	7	3.63
163	Pleura	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.52
164	Thymus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165	Other Resp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	Bone	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	1.04
171	Connective	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.52
172	Skin Melan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173	Skin Other	0	0	0	0	0	0	0	0	0	0	0	1	1	2	0	1	5	2.59
175	Breast Mal	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
185	Prostate	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3	1.55
186	Testis	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	3	1.55
187	Penis etc.	0	0	0	0	0	0	1	0	0	0	0	0	2	2	1	3	9	4.66
188	Uri Bladder	0	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	5	2.59
189	Kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2	1.04
190	Eye	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
191	Brain	0	0	0	0	0	0	1	0	1	0	1	0	1	0	0	0	4	2.07
192	Nervous Sy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	Thyroid Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0.52
194	Oth Endo Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	Ill Def Si	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.52
196	Sec Lymph	0	0	0	0	0	0	1	0	1	0	0	1	2	2	0	0	7	3.63
197	Sec Res Et	0	0	0	0	0	0	0	0	0	0	2	0	3	3	1	4	13	6.74
198	Sec Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199	Prim Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.52
200	Lymphosarc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
201	Hodgkins D	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.52
202	Oth Lympho	0	1	0	0	0	0	0	0	0	1	0	1	0	2	0	0	5	2.59
203	Mult Myelo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
204	Leuk Lymph	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1.04
205	Leuk Myelo	0	0	1	1	0	0	0	2	1	0	1	0	0	1	1	0	8	4.15
206	Leuk Monoc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	Leuk other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	Leuk Uns	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.52
	<b>TOTAL</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>9</b>	<b>7</b>	<b>13</b>	<b>11</b>	<b>14</b>	<b>18</b>	<b>33</b>	<b>31</b>	<b>19</b>	<b>26</b>	<b>193</b>	
	%	0.5	1.5	1.0	1.5	1.0	0.5	4.6	3.6	6.7	5.7	7.2	9.3	17.1	16.0	9.8	13.4	100.0	

**TABLE BRS-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.*

**Barshi**

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	0	0	0	0	1	0	0	1	0.47
141	Tongue	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0.95
142	Salivary Gland	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.47
143	Gum	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	4	1.9
144	Floor of Mouth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	Other Mouth	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3	1.42
146	Oropharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	Nasopharynx	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
148	Hypopharynx	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.47
149	Pharynx etc.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	Oesophagus	0	0	0	0	0	0	0	0	0	0	1	0	5	2	1	1	10	4.74
151	Stomach	0	0	0	0	0	0	1	1	1	0	0	0	1	0	1	0	5	2.37
152	Small Inte	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	Colon	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	4	1.9
154	Rectum	0	0	0	0	0	0	0	1	1	0	0	1	2	1	1	0	7	3.32
155	Liver	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.47
156	Gall Bladder	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
157	Pancreas	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.47
158	Retroperit	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	Other Dig.	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	Nasal Cavity	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
161	Larynx	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0.95
162	Lung	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	4	1.9
163	Pleura	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.47
164	Thymus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	Other Resp	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	Bone	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2	0.95
171	Connective	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
172	Skin Melan	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
173	Skin Other	0	0	0	0	0	0	1	0	0	0	2	0	0	0	1	0	4	1.9
174	Breast Fem	0	0	0	0	0	0	1	1	4	9	5	4	2	4	0	2	32	15.2
179	Uterine Un	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	Cervix Ute	0	0	0	0	1	1	6	8	11	13	10	9	14	9	5	2	89	42.2
181	Placenta	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
182	Body Uterus	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
183	Ovary	0	0	0	0	0	2	0	1	2	0	2	1	1	0	0	0	9	4.27
184	Vagina	0	0	0	0	0	0	0	0	0	0	2	0	1	1	1	0	5	2.37
188	Uri Bladder	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0.95
189	Kidney	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
190	Eye	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.47
191	Brain	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
192	Nervous Sy	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
193	Thyroid Gland	0	0	1	0	0	0	0	1	0	2	0	0	0	0	0	0	4	1.9
194	Oth Endo Gland	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
195	Ill Def Si	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.47
196	Sec Lymph	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.95
197	Sec Res etc.	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	0	4	1.9
198	Sec Other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
199	Prim Unk	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
200	Lymphosarc	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.47
201	Hodgkins D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
202	Oth Lympho	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	3	1.42
203	Mult Myelo	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
204	Leuk Lymph	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.47
205	Leuk Myelo	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2	0.95
206	Leuk Monoc	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
207	Leuk other	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
208	Leuk Uns	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0.95
	<b>TOTAL</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>10</b>	<b>15</b>	<b>25</b>	<b>30</b>	<b>26</b>	<b>18</b>	<b>29</b>	<b>23</b>	<b>14</b>	<b>6</b>	<b>211</b>	
	<b>%</b>	<b>0.9</b>	<b>0.9</b>	<b>0.9</b>	<b>0.4</b>	<b>1.9</b>	<b>1.9</b>	<b>4.7</b>	<b>7.1</b>	<b>11.8</b>	<b>14.2</b>	<b>12.3</b>	<b>8.5</b>	<b>13.7</b>	<b>10.9</b>	<b>6.6</b>	<b>2.8</b>	<b>100</b>	

**TABLE BRS-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**  
**Barshi**

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	1.5	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	0.19	<b>0.00</b>	0.15	0.00
141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	11.6	0.0	22.1	0.0	0.97	<b>1.13</b>	0.51	2.24
142	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
143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	5.9	5.8	9.0	0.0	10.8	0.97	<b>1.20</b>	0.53	2.27
144	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
145	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.1	7.7	4.2	4.7	0.0	5.8	0.0	0.0	10.8	1.55	<b>1.76</b>	0.62	4.41
146	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.19	<b>0.23</b>	0.23	0.75
147	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
148	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.1	3.8	4.2	0.0	11.8	11.6	27.0	55.3	43.1	3.88	<b>4.55</b>	1.02	5.17
149	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
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	7.7	12.5	9.5	5.9	23.2	0.0	22.1	21.6	3.29	<b>3.92</b>	0.95	9.79
151	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	9.5	5.9	5.8	9.0	0.0	0.0	1.16	<b>1.41</b>	0.57	3.64
152	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
153	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	0.0	5.8	9.0	0.0	0.0	0.78	<b>0.96</b>	0.48	2.24
154	0.0	0.0	0.0	0.0	2.4	0.0	2.9	0.0	0.0	4.2	4.7	23.7	5.8	18.0	11.1	10.8	2.52	<b>3.01</b>	0.84	5.38
155	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	3.8	12.5	0.0	11.8	29.0	18.0	22.1	43.1	3.88	<b>4.62</b>	1.04	8.42
156	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.19	<b>0.23</b>	0.23	0.74
157	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	4.7	0.0	5.8	9.0	11.1	0.0	0.97	<b>1.15</b>	0.52	2.11
158	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
159	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
160	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
161	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	11.6	9.0	0.0	10.8	0.97	<b>1.12</b>	0.51	1.50
162	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	4.2	4.7	11.8	0.0	9.0	0.0	10.8	1.36	<b>1.62</b>	0.62	3.09
163	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	11.1	0.0	0.19	<b>0.22</b>	0.22	0.00
164	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
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	0.0	0.0	0.0	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.39	<b>0.40</b>	0.28	0.00
171	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	0.0	0.0	0.0	0.19	<b>0.24</b>	0.24	0.76
172	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
173	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	5.8	18.0	0.0	10.8	0.97	<b>1.23</b>	0.55	1.51
175	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
185	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	9.0	0.0	21.6	0.58	<b>0.70</b>	0.41	0.00
186	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	5.8	9.0	0.0	0.0	0.58	<b>0.74</b>	0.43	1.51
187	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	11.6	18.0	11.1	32.3	1.74	<b>2.04</b>	0.69	1.50
188	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	5.8	18.0	11.1	0.0	0.97	<b>1.23</b>	0.55	1.51
189	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	9.0	11.1	0.0	0.39	<b>0.49</b>	0.35	0.00
190	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
191	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	3.8	0.0	4.7	0.0	5.8	0.0	0.0	0.0	0.78	<b>0.87</b>	0.44	2.25
192	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
193	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	10.8	0.19	<b>0.22</b>	0.22	0.00
194	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
195	0.0	1.5	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	0.19	<b>0.00</b>	0.15	0.00
196	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	3.8	0.0	0.0	5.9	11.6	18.0	0.0	0.0	1.36	<b>1.64</b>	0.63	3.00
197	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	0.0	17.4	27.0	11.1	43.1	2.52	<b>3.07</b>	0.85	3.78
198	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
199	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	9.0	0.0	0.0	0.19	<b>0.27</b>	0.27	0.00
200	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
201	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	0.0	0.0	0.19	<b>0.18</b>	0.18	0.00
202	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	0.0	5.9	0.0	18.0	0.0	0.0	0.97	<b>1.03</b>	0.54	1.57
203	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
204	1.4	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.39	<b>0.50</b>	0.26	0.00
205	0.0	0.0	2.0	2.2	0.0	0.0	0.0	6.2	3.8	0.0	4.7	0.0	0.0	9.0	11.1	0.0	1.55	<b>1.71</b>	0.61	2.70
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	0.0	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	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.19	<b>0.21</b>	0.21	0.00
All	1.4	4.5	4.0	6.6	4.8	2.6	26.1	21.7	49.7	46.0	66.1	106.3	191.4	279.0	210.4	280.4	37.3	<b>43.9</b>	3.19	71.8

**TABLE BRS-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**  
**Barshi**

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	0.0	0.0	0.0	0.0	9.6	0.0	0.0	0.21	<b>0.29</b>	0.29	0.00
141	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	11.7	0.0	0.42	<b>0.49</b>	0.35	0.83
142	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	<b>0.23</b>	0.23	0.74
143	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	6.9	0.0	11.7	0.0	0.84	<b>1.04</b>	0.52	2.61
144	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
145	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	5.0	0.0	0.0	0.0	0.0	0.0	0.63	<b>0.77</b>	0.44	2.49
146	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
147	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
148	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	<b>0.23</b>	0.23	0.74
149	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
150	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	34.6	19.1	11.7	11.4	2.09	<b>2.66</b>	0.85	5.27
151	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.3	3.8	0.0	0.0	0.0	6.9	0.0	11.7	0.0	1.04	<b>1.11</b>	0.50	2.27
152	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
153	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	5.0	0.0	0.0	19.1	0.0	0.0	0.84	<b>1.05</b>	0.53	1.55
154	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	3.8	0.0	0.0	6.6	13.8	9.6	11.7	0.0	1.46	<b>1.76</b>	0.67	4.01
155	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	9.6	0.0	0.0	0.21	<b>0.29</b>	0.29	0.00
156	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
157	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	<b>0.19</b>	0.19	0.00
158	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
159	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
160	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
161	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.42	<b>0.42</b>	0.30	0.74
162	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.0	9.6	11.7	11.4	0.84	<b>0.98</b>	0.49	0.74
163	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	9.6	0.0	0.0	0.21	<b>0.29</b>	0.29	0.00
164	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
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	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.42	<b>0.53</b>	0.38	0.85
171	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
172	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
173	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	10.0	0.0	0.0	0.0	11.7	0.0	0.84	<b>0.90</b>	0.46	1.61
174	0.0	0.0	0.0	0.0	0.0	0.0	2.9	3.3	15.4	39.0	24.9	26.5	13.8	38.3	0.0	22.9	6.69	<b>8.10</b>	1.44	20.39
179	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
180	0.0	0.0	0.0	0.0	2.4	2.5	17.5	26.6	42.3	56.3	49.8	59.7	96.8	86.1	58.5	22.9	18.60	<b>21.92</b>	2.34	52.46
181	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
182	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
183	0.0	0.0	0.0	0.0	0.0	4.9	0.0	3.3	7.7	0.0	10.0	6.6	6.9	0.0	0.0	0.0	1.88	<b>2.09</b>	0.70	5.48
184	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	0.0	6.9	9.6	11.7	0.0	1.04	<b>1.30</b>	0.58	2.50
188	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	5.0	0.0	0.0	0.0	0.0	0.0	0.42	<b>0.51</b>	0.36	1.64
189	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
190	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	<b>0.17</b>	0.17	0.00
191	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
192	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
193	0.0	0.0	2.2	0.0	0.0	0.0	0.0	3.3	0.0	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.84	<b>0.92</b>	0.46	2.32
194	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
195	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	<b>0.20</b>	0.20	0.64
196	1.6	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.42	<b>0.54</b>	0.27	0.00
197	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	5.0	0.0	6.9	0.0	11.7	0.0	0.84	<b>1.02</b>	0.51	2.53
198	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
199	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
200	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.21	<b>0.20</b>	0.20	0.64
201	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
202	0.0	1.6	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.63	<b>0.48</b>	0.38	0.89
203	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
204	0.0	1.6	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	0.21	<b>0.00</b>	0.16	0.00
205	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.42	<b>0.43</b>	0.30	0.74
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	0.0	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	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.42	<b>0.61</b>	0.32	0.83
<b>All</b>	<b>3.2</b>	<b>3.2</b>	<b>4.4</b>	<b>3.0</b>	<b>9.6</b>	<b>9.9</b>	<b>29.1</b>	<b>49.7</b>	<b>95.8</b>	<b>129.9</b>	<b>129.7</b>	<b>119.3</b>	<b>200.4</b>	<b>220.2</b>	<b>163.8</b>	<b>68.6</b>	<b>44.1</b>	<b>51.7</b>	<b>6.86</b>	<b>115.5</b>

**TABLE BRS-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 - Barshi**

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	0.08	0.08	0.19	0.19
142	Salivary Gland	0.00	0.00	0.00	0.00
143	Gum	0.13	0.13	0.13	0.13
144	Floor of Mouth	0.00	0.00	0.00	0.00
145	Other Mouth	0.14	0.14	0.14	0.14
146	Oropharynx	0.03	0.03	0.03	0.03
147	Nasopharynx	0.00	0.00	0.00	0.00
148	Hypopharynx	0.32	0.32	0.60	0.60
149	Pharynx Etc.	0.00	0.00	0.00	0.00
150	Oesophagus	0.31	0.31	0.42	0.42
151	Stomach	0.17	0.17	0.17	0.17
152	Small Intestine	0.00	0.00	0.00	0.00
153	Colon	0.11	0.11	0.11	0.11
154	Rectum	0.31	0.31	0.36	0.36
155	Liver	0.39	0.39	0.50	0.50
156	Gall Bladder	0.02	0.02	0.02	0.02
157	Pancreas	0.11	0.11	0.17	0.17
158	Retroperitoneum	0.00	0.00	0.00	0.00
159	Other Dig Sys	0.00	0.00	0.00	0.00
160	Nasal Cavity	0.00	0.00	0.00	0.00
161	Larynx	0.12	0.12	0.12	0.12
162	Lung	0.16	0.16	0.16	0.16
163	Pleura	0.00	0.00	0.06	0.06
164	Thymus	0.00	0.00	0.00	0.00
165	Other Resp	0.00	0.00	0.00	0.00
170	Bone	0.02	0.02	0.02	0.02
171	Conn Tissue	0.03	0.03	0.03	0.03
172	Skin Melanoma	0.00	0.00	0.00	0.00
173	Skin Other	0.15	0.15	0.15	0.15
175	Breast Male	0.00	0.00	0.00	0.00
185	Prostate	0.05	0.04	0.05	0.04
186	Testis	0.10	0.10	0.10	0.10
187	Penis Etc	0.16	0.16	0.22	0.22
188	Uri Bladder	0.15	0.15	0.20	0.20
189	Kidney	0.05	0.04	0.10	0.10
190	Eye	0.00	0.00	0.00	0.00
191	Brain	0.09	0.09	0.09	0.09
192	Nervous Sys	0.00	0.00	0.00	0.00
193	Thyroid Gland	0.00	0.00	0.00	0.00
194	Oth Endo Gland	0.00	0.00	0.00	0.00
195	Ill Def Sites	0.01	0.01	0.01	0.01
196	Sec Lymph Node	0.21	0.21	0.21	0.21
197	Sec Res Etc	0.27	0.27	0.33	0.32
198	Sec Other	0.00	0.00	0.00	0.00
199	Primary Unk	0.05	0.04	0.05	0.04
200	Lymphosarcoma	0.00	0.00	0.00	0.00
201	Hodgkins Dis	0.01	0.01	0.01	0.01
202	Oth Lymph Node	0.15	0.15	0.15	0.15
203	Mult Myeloma	0.00	0.00	0.00	0.00
204	Leuk Lymphatic	0.02	0.02	0.02	0.02
205	Leuk Myelocytic	0.14	0.14	0.20	0.19
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	0.01	0.01	0.01	0.01
	<b>ALL SITES</b>	<b>4.05</b>	<b>3.97</b>	<b>5.10</b>	<b>4.97</b>

**TABLE BRS-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 - Barshi**

ICD-9	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
140	Lip	0.05	0.05	0.05	0.05
141	Tongue	0.02	0.02	0.08	0.08
142	Salivary Gland	0.02	0.02	0.02	0.02
143	Gum	0.10	0.10	0.16	0.16
144	Floor of Mouth	0.00	0.00	0.00	0.00
145	Other Mouth	0.07	0.07	0.07	0.07
146	Oropharynx	0.00	0.00	0.00	0.00
147	Nasopharynx	0.00	0.00	0.00	0.00
148	Hypopharynx	0.02	0.02	0.02	0.02
149	Pharynx Etc	0.00	0.00	0.00	0.00
150	Oesophagus	0.29	0.29	0.35	0.35
151	Stomach	0.08	0.08	0.14	0.14
152	Small Intestine	0.00	0.00	0.00	0.00
153	Colon	0.14	0.14	0.14	0.14
154	Rectum	0.19	0.19	0.24	0.24
155	Liver	0.05	0.05	0.05	0.05
156	Gall Bladder	0.00	0.00	0.00	0.00
157	Pancreas	0.01	0.01	0.01	0.01
158	Retroperitoneum	0.00	0.00	0.00	0.00
159	Other Dig Sys	0.00	0.00	0.00	0.00
160	Nasal Cavity	0.00	0.00	0.00	0.00
161	Larynx	0.03	0.03	0.03	0.03
162	Lung	0.07	0.07	0.13	0.13
163	Pleura	0.05	0.05	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	0.05	0.05	0.05	0.05
171	Conn Tissue	0.00	0.00	0.00	0.00
172	Skin Melanoma	0.00	0.00	0.00	0.00
173	Skin Other	0.06	0.06	0.12	0.12
174	Breast Female	0.82	0.82	0.82	0.82
179	Uterine Un	0.00	0.00	0.00	0.00
180	Cervix Uteri	2.20	2.18	2.49	2.46
181	Placenta	0.00	0.00	0.00	0.00
182	Body Uterus	0.00	0.00	0.00	0.00
183	Ovary	0.20	0.20	0.20	0.20
184	Vagina	0.13	0.13	0.19	0.19
188	Uri Bladder	0.05	0.05	0.05	0.05
189	Kidney	0.00	0.00	0.00	0.00
190	Eye	0.01	0.01	0.01	0.01
191	Brain	0.00	0.00	0.00	0.00
192	Nervous System	0.00	0.00	0.00	0.00
193	Thyroid Gland	0.07	0.07	0.07	0.07
194	Oth Endo Gland	0.00	0.00	0.00	0.00
195	Ill Def Sites	0.02	0.02	0.02	0.02
196	Sec Lymph Node	0.02	0.02	0.02	0.02
197	Sec Res Etc	0.08	0.08	0.14	0.14
198	Sec Other	0.00	0.00	0.00	0.00
199	Primary Unk	0.00	0.00	0.00	0.00
200	Lymphosarcoma	0.02	0.02	0.02	0.02
201	Hodgkins Dis	0.00	0.00	0.00	0.00
202	Oth Lymphoma	0.05	0.05	0.05	0.05
203	Mult Myeloma	0.00	0.00	0.00	0.00
204	Leuk Lymphatic	0.01	0.01	0.01	0.01
205	Leuk Myelocytic	0.03	0.03	0.03	0.03
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	0.03	0.03
	<b>ALL SITES</b>	<b>5.04</b>	<b>4.91</b>	<b>5.86</b>	<b>5.69</b>