

NATIONAL CANCER REGISTRY PROGRAMME

Indian Council of Medical Research

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Indian Council of Medical Research

Consolidated Report of Population Based Cancer Registries 2001-2004

Incidence and Distribution of Cancer

Bangalore, India

December 2006

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Population based cancer registries provided individual core data. Quality Control checks, tabulations and statistical analysis were done at the Coordinating Unit of NCRP, Bangalore.

The publications of NCRP are intended to contribute to the dissemination of authentic information on cancer incidence by age (Five-year age groups), sex and site (ICD-10).

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<i>Foreword</i>	<i>xiii</i>
<i>Acknowledgements</i>	<i>xiv</i>
<i>Obituary</i>	<i>xv</i>
<i>National Cancer Registry Programme</i>	<i>xvi</i>
<i>Introduction and Summary of Report</i>	<i>xix</i>

PART I - Chapters: Detailed Description

1. Population and Cancer Incidence	1
2. Leading Sites of Cancer	8
3. Cancer Sites Associated with the use of Tobacco	31
4. Basis of Diagnosis	35
5. Cancer Mortality	41
6. Comparison of Cancer Incidence and Patterns across all Population Based Cancer Registries	54
7. Data Quality and Indices of Reliability	69
8. Definitions, Statistical Terms and Methods used in Calculations	71

References	76
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PART II - Individual Registries Write-up and Tabulations

<i>Bangalore</i>	<i>78</i>
<i>Barshi</i>	<i>97</i>
<i>Bhopal</i>	<i>116</i>
<i>Chennai</i>	<i>135</i>
<i>Delhi</i>	<i>154</i>
<i>Mumbai</i>	<i>174</i>
<i>Ahmedabad District (other than Ahmedabad Urban)</i>	<i>193</i>

Addresses	213
------------------	------------

Other Publications of NCRP	215
-----------------------------------	------------

LIST OF TABLES

	<i>Page Nos.</i>
1.1 Area Covered and person years (Combined population in three years) for all PBCRs (2001-2003)	2
1.2 Total Number of Cases Registered for all PBCRs (2001-2003)	2
1.3 Crude Rate, Age Adjusted and Truncated Incidence Rates per 100,000 population in different PBCRs(2001-2003)	2
1.4 Cumulative Incidence Rate, Cumulative Risk & Possibility of one in number of persons developing Cancer of any Site (ICD-10): C00-C96 for all PBCRs (2001-2003)	7
 Ten Leading Sites of Cancer	
2.1 Bangalore (2001-2003)	12
2.2 Barshi (2001-2003)	14
2.3 Bhopal (2001-2003)	16
2.4 Chennai (2001-2003)	18
2.5 Delhi (2001-2003)	20
2.6 Mumbai (2001-2003)	22
2.7 Ahmedabad (2004)	24
3.1 Number and Relative Proportion of Tobacco Related Cancers (TRCs) (IARC 1987)	31
3.2 Number and Proportion of Tobacco Related Cancers (TRCs) relative to all sites of cancer (Males & Females) ...	32
3.3 Number and Proportion of Specific Types of cancer among all Tobacco Related Cancers (TRC)	33
4.1 Number & Relative Proportion of cancers based on different methods of diagnosis	35
4.2 Number & Relative Proportion of cancers based on different types of Microscopic Diagnosis	38
5.1 Number of Incident and Mortality cases and Mortality Incidence Percent (M/I%)	42
5.2 Crude, Age Adjusted and Truncated Mortality Rate	42
5.3 Number of Matched Deaths, Number of DCO's and Total Deaths	42
5.4 Average Annual Age Specific Cancer Mortality rates per 100,000 persons - All sites of cancer for all PBCRs	43
5.5 Average Annual Age Specific Incidence (I) and Mortality (M) rates per 100,000 persons - All sites of cancer for all PBCRs	44
7 Proportion of Microscopic Verification (MV%), Proportion of DCO's (DCO%) and Mortality- Incidence Percent (M/I%) (2001-2003).	70
8.1 Age Distribution of World Standard Population.....	72
8.2 Population Estimation by five yearly age groups, using Different Distribution Method	75
BLR-1 Population by Five Year Age Group and Gender - Bangalore (2001-2003)	81
BLR-2 Main Sources of Registration of Incident Cases of Cancer in Bangalore PBCR	82
BLR-3 Number of Incident Cancers by Five Year Age Group and Site (ICD-10) (2001-2003) Bangalore PBCR	83
BLR-4 Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Incidence Rate per 100,000 population (2001-2003) Bangalore	85
BLR-5 Number and Proportion of Cancers by Site(ICD-10) and Method of Diagnosis (2001-2003) Bangalore	87
BLR-6 Number and Proportion of Cancers by Site(ICD-10) and Detailed Microscopic Diagnosis (2001-2003) Bangalore	89
BLR-7 Number of Cancer Deaths by Five Year Age Group and Site (ICD10) (2001-2003) Bangalore	91
BLR-8 Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Mortality Rate per 100,000 population (2001-2003) Bangalore	93
BLR-9 Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) (2001-2003) Bangalore	95

BRS-1	Population by Five Year Age Group and Gender - Barshi (2001-2003)	100
BRS-2	Main Sources of Registration of Incident Cases of Cancer in Barshi	101
BRS-3	Number of Incident Cancers by Five Year Age Group and Site (ICD-10) (2001-2003) - Barshi	102
BRS-4	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Incidence Rate per 100,000 population (2001-2003) Barshi	104
BRS-5	Number and Proportion of Cancers by Site(ICD-10) and Method of Diagnosis (2001-2003) Barshi	106
BRS-6	Number and Proportion of Cancers by Site(ICD-10) and Detailed Microscopic Diagnosis (2001-2003) Barshi .	108
BRS-7	Number of Cancer Deaths by Five Year Age Group and Site (ICD-10) (2001-2003) Barshi	110
BRS-8	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Mortality Rate per 100,000 population (2001-2003) Barshi	112
BRS-9	Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) (2001-2003) Barshi	114
BHP-1	Population by Five Year Age Group and Gender - Bhopal (2001-2003)	119
BHP-2	Main Sources of Registration of Incident Cases of Cancer in Bhopal	120
BHP-3	Number of Incident Cancers by Five Year Age Group and Site (ICD-10)- 2001-02-03 - Bhopal	121
BHP-4	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Incidence Rate per 100,000 population (2001-2003) Bhopal	123
BHP-5	Number and Proportion of Cancers by Site(ICD-10) and Method of Diagnosis (2001-2003) Bhopal	125
BHP-6	Number & Proportion of Cancers by Site(ICD-10) and Detailed Microscopic Diagnosis (2001-2003) Bhopal	127
BHP-7	Number of Cancer Deaths by Five Year Age Group and Site (2001-2003) Bhopal	129
BHP-8	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Mortality Rate per 100,000 population (2001-2003) Bhopal	131
BHP-9	Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) (2001-2003) Bhopal	133
CHN-1	Population by Five Year Age Group and Gender - Chennai (2001-2003)	138
CHN-2	Main Sources of Registration of Incident Cases of Cancer in Chennai	139
CHN-3	Number of Incident Cancers by Five Year Age Group and Site (ICD-10) (2001-2003) Chennai	140
CHN-4	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Incidence Rate per 100,000 population (2001-2003) Chennai	142
CHN-5	Number and Proportion of Cancers by Site(ICD-10) and Method of Diagnosis (2001-2003) Chennai	144
CHN-6	Number & Proportion of Cancers by Site(ICD-10) and Detailed Microscopic Diagnosis (2001-2003) Chennai	146
CHN-7	Number of Cancer Deaths by Five Year Age Group and Site (ICD-10) (2001-2003) Chennai	148
CHN-8	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Mortality Rate per 100,000 population (2001-2003) Chennai	150
CHN-9	Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) (2001-2003) Chennai	152
DEL-1	Population by Five Year Age Group and Gender - Delhi (2001-2003)	158
DEL-2	Main Sources of Registration of Incident Cases of Cancer in Delhi	159
DEL-3	Number of Incident Cancers by Five Year Age Group and Site (ICD-10) (2001-2003) Delhi	160
DEL-4	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Incidence Rate per 100,000 population (2001-2003) Delhi	162

DEL-5	Number and Proportion of Cancers by Site(ICD-10) and Method of Diagnosis (2001-2003) Delhi	164
DEL-6	Number & Proportion of Cancers by Site(ICD-10) and Detailed Microscopic Diagnosis (2001-2003) Delhi	166
DEL-7	Number of Cancer Deaths by Five Year Age Group and Site (ICD-10) (2001-2003) Delhi	168
DEL-8	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Mortality Rate per 100,000 population (2001-2003) Delhi	170
DEL-9	Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) (2001-2003) Delhi	172
MUM-1	Population by Five Year Age Group and Gender - Mumbai (2001-2003)	177
MUM-2	Main Sources of Registration of Incident Cases of Cancer in Mumbai	178
MUM-3	Number of Incident Cancers by Five Year Age Group and Site (ICD-10) (2001-2003) Mumbai	179
MUM-4	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Incidence Rate per 100,000 population (2001-2003) Mumbai	181
MUM-5	Number and Proportion of Cancers by Site(ICD-10) and Method of Diagnosis (2001-2003) Mumbai	183
MUM-6	Number & Proportion of Cancers by Site(ICD-10) and Detailed Microscopic Diagnosis (2001-2003) Mumbai	185
MUM-7	Number of Cancer Deaths by Five Year Age Group and Site (ICD-10) (2001-2003) Mumbai	187
MUM-8	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Mortality Rate per 100,000 population (2001-2003) Mumbai	189
MUM-9	Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) (2001-2003) Mumbai	191
AHM-1	Population by Five Year Age Group and Gender Ahmedabad District (other than Ahmedabad Urban) (2004) ..	198
AHM-2	Main Sources of Registration of Incident Cases of Cancer in Ahmedabad District (other than Ahmedabad Urban)	198
AHM -3	Number of Incident Cancers by Five Year Age Group and Site (ICD-10) (2004) (Ahmedabad District other than Ahmedabad Urban)	199
AHM -4	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Incidence Rate per 100,000 population (2004) Ahmedabad District (other than Ahmedabad Urban)	201
AHM -5	Number and Proportion of Cancers by Site(ICD-10) and Method of Diagnosis (2004) Ahmedabad District (other than Ahmedabad Urban)	203
AHM -6	Number and Proportion of Cancers by Site(ICD-10) and Detailed Microscopic Diagnosis (2004) Ahmedabad District (other than Ahmedabad Urban)	205
AHM -7	Number of Cancer Deaths by Five Year Age Group and Site (ICD-10) (2004) Ahmedabad District (other than Ahmedabad Urban)	207
AHM -8	Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Mortality Rate per 100,000 population (2004) Ahmedabad District (other than Ahmedabad Urban)	209
AHM -9	Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) (2004) Ahmedabad District (other than Ahmedabad Urban)	211

LIST OF FIGURES

Page Nos.

1.1	Average Annual Crude, Age Adjusted and Truncated Incidence Rates - All Sites of Cancer : ICD 10 C00-C96 ...	3
1.2	Average Annual Age Specific Cancer Incidence Rates - All Sites of Cancer	4
Ten Leading Sites of Cancer		
2.1	Bangalore (2001-2003)	13
2.2	Barshi (2001-2003)	15
2.3	Bhopal (2001-2003)	17
2.4	Chennai (2001-2003)	19
2.5	Delhi (2001-2003)	21
2.6	Mumbai (2001-2003)	23
2.7	Ahmedabad District (other than Ahmedabad Urban) (2004)	25
2.8	All North-East PBCRs (2003-2004)	27
3.1	Number(#) & Proportion(%) of Tobacco Related Cancers (TRCs) Relative to All Sites of Cancers (Males & Females)	34
3.2	Number(#) & Proportion(%) of Tobacco Related Cancers (TRCs) among all Tobacco Related Sites (Males & Females)	34
4.1	Relative Proportion of cancers based on different Methods of Diagnosis	36
4.2	Relative Proportion of cancers based on different types of Microscopic Diagnosis	39
5.1	Average Annual Age Specific Cancer Mortality Rates - All Sites of Cancer - Males	45
5.2	Average Annual Age Specific Incidence & Mortality Rates: All Sites of Cancer	
(a)	Bangalore (2001-2003)	47
(b)	Barshi (2001-2003)	48
(c)	Bhopal (2001-2003)	49
(d)	Chennai (2001-2003)	50
(e)	Delhi (2001-2003)	51
(f)	Mumbai (2001-2003)	52
(g)	Ahmedabad District (other than Ahmedabad Urban) (2004)	53
Comparison of Age Adjusted Incidence Rates (AAR's) Across all PBCRs		
6.1.	All Sites - Males and Females	56
6.2	Tongue (C01-C02) - Males	57
6.3	Mouth (C03-C06) - Males and Females	57
6.4	Tonsil (C09) - Males	58
6.5	Oropharynx (C10) - Males	59
6.6	Nasopharynx (C11) - Males	59
6.7	Hypopharynx (C12-C13) - Males	60
6.8	Pharynx (C14) - Males	60
6.9	Oesophagus (C15) - Males and Females	61
6.10	Stomach (C16) - Males and Females	62
6.11	Gall Bladder (C23-C24) - Females	63
6.12	Larynx (C32) Males	63

6.13	Lung (C33-C34) - Males and Females	64
6.14	Breast (C50) - Females	65
6.15	Cervix Uteri (C53) - Females	65
6.16	Penis (C60) - Males	66
6.17	Hodgkin's Disease (C81) - Males	66
6.18	Non-Hodgkin's Lymphoma (C82-85,C96) - Males	67
6.19	Thyroid (C73) - Females	67
6.20	Myeloid Leukaemia (C92-94) - Males and Females	68
BLR-1	Population Pyramid showing Age Distribution : 2001-2003 - Bangalore	80
BRS-1	Population Pyramid showing Age Distribution : 2001-2003 - Barshi	99
BHP-1	Population Pyramid showing Age Distribution : 2001-2003 - Bhopal	118
CHN-1	Population Pyramid showing Age Distribution : 2001-2003 - Chennai	137
DEL-1	Population Pyramid showing Age Distribution : 2001-2003 - Delhi	157
MUM-1	Population Pyramid showing Age Distribution : 2001-2003 - Mumbai	176
AHM-1	Population Pyramid showing Age Distribution : 2004 - Ahmedabad District (other than Ahmedabad Urban) ..	197

FOREWORD

The present consolidated report of the population based cancer registries (PBCRs) is the outcome of efforts made by registries under the National Cancer Registry Programme (NCRP) of the Council. This report besides including the data from the older PBCRs at Bangalore, Barshi, Bhopal, Chennai, Delhi and Mumbai also includes information on the newer PBCRs of the North East and the rural registry covering Ahmedabad rural district.

The reports of NCRP have over a period of time become the standard work of reference not only within our country but abroad as well. Besides providing information on what type of cancer is occurring where and what is the magnitude, these reports have contributed a base for deciding priorities in cancer control programmes in India. In particular, this report has compared the incidence patterns of cancer across thirteen population based cancer registries indicating striking differences. The need for shifting focus on specific cancer control in different regions of the country is obvious from this account.

The NCRP has contributed to systematic scientific data collection for over twenty years. The time consuming process of collation and correction of data has been shortened with advancement of information technology. This in turn has reduced the time between the calendar year of data and year of report publication.

It is hoped that this publication will provide an insight and serve as a useful reference on cancer incidence in India for researchers, clinicians, health administrators and others interested in this field.

The registries and all their team members deserve special thanks for their dedicated work and providing quality data which enabled the successful completion of this report.



Prof. N. K. Ganguly,
Director General, ICMR

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OBITUARY

Professor N. Anantha

**A wonderful person, concerned clinician, straight administrator and above all
a gentleman par excellence.**



The following Tribute was written by Dr. B. K. Mohanti, Professor, Department of Radiation Oncology, Institute Rotary Cancer Hospital, All India Institute of Medical Sciences, New Delhi

Dr N. Anantha (1936-2006) was one of those who did the specialty training in radiotherapy, when the discipline's independent status was not yet clearly established in India. He used to fondly narrate his humble background, and medical education from Mysore University (MBBS, 1963). He had then moved to northern India, did D.M.R.E. from Lucknow University (1967) and immediately after that pursued MD in Radiotherapy at J.K.Cancer Institute, Kanpur. Dr. Anantha got his post-graduate training at Kanpur under the famous and erudite Professor J.K.Haldar (founder and father figure of the Association of Radiation Oncologists of India (AROI)), obtaining MD in 1969. This training was greatly influential in shaping his career. He returned to join the Karnataka state medical service in early 1970s and was subsequently selected for the teaching cadre. Except for a few years spent under the Ministry of Health, Iran, (1976-1980), Dr. Anantha spent his lifetime in his home state of Karnataka.

Kidwai Memorial Institute of Oncology (KMIO) was the first comprehensive cancer centre established by the Karnataka government. Dr. Anantha joined as the Professor and Head of Radiotherapy in 1980 in the formative years of this institute and it was one of the first centres to gain the status of Regional Cancer Centre (under Government of India's National Cancer Control Programme). The department of Radiotherapy at KMIO was headed by him till his retirement in 1996. The facilities and patient care practices in this department have received wide recognitions from the medical community and public over the years. The post-graduation courses (MD and diploma in Radiotherapy) at KMIO were started in late 1980s under Bangalore University. Dr. Anantha was actively involved in patient care and teaching and the department attracted faculty and students from various parts of India. Despite the large patient burden from several states of southern India, good quality with interdisciplinary management were maintained. Dr. Anantha rose higher in administrative positions, becoming the Medical Superintendent in 1982 and subsequently was appointed Director of KMIO in 1990. He guided the institute till his retirement in 1996. He had the professional discipline to manage his time well between the administrative and professional responsibilities. He would walk into the ward for morning rounds, attend to patients in the out-patient and join the department's teaching programme routinely. It was easy to engage him in a conversation, and he would lament how 'raagi mudda' as a breakfast menu has vanished from Kannadiga homes!

Dr. Anantha had a productive career, visited Europe and USA on fellowships and training, authored more than 50 scientific articles, lectured widely and conducted the national conferences of AROI. Indian Society of Oncology, several workshops on the National Cancer Control Programme and the Annual Review Meetings of the NCRP. He was a member of several scientific bodies, including Bangalore University, Indian Institute of Science and Karnataka state Council for Science and Technology. He received several awards and honours in his career, to name just two of those laurels: Karnataka Rajyotsava award and Dr. T.B.Patel award from Gujarat Cancer Society. After his retirement, Dr. Anantha worked as Professor of Radiotherapy at M.S. Ramaiah Medical College, Bangalore from 1998 to 2003, again setting up a new department. He placed good emphasis on physical fitness, athletics and lawn tennis. He used to walk from one building to another of KMIO at a good pace, leaving behind many young residents breathless!

It was my good fortune to start the academic career as a faculty under Dr. Anantha, and to many like me in India and abroad, he was a mentor with a humble heart. He is survived by his wife and one son, who is an engineer settled in USA.

National Cancer Registry Programme

Under the National Cancer Registry Programme (NCRP), the Indian Council of Medical Research commenced a network of cancer registries across the country in December 1981 with the objectives of

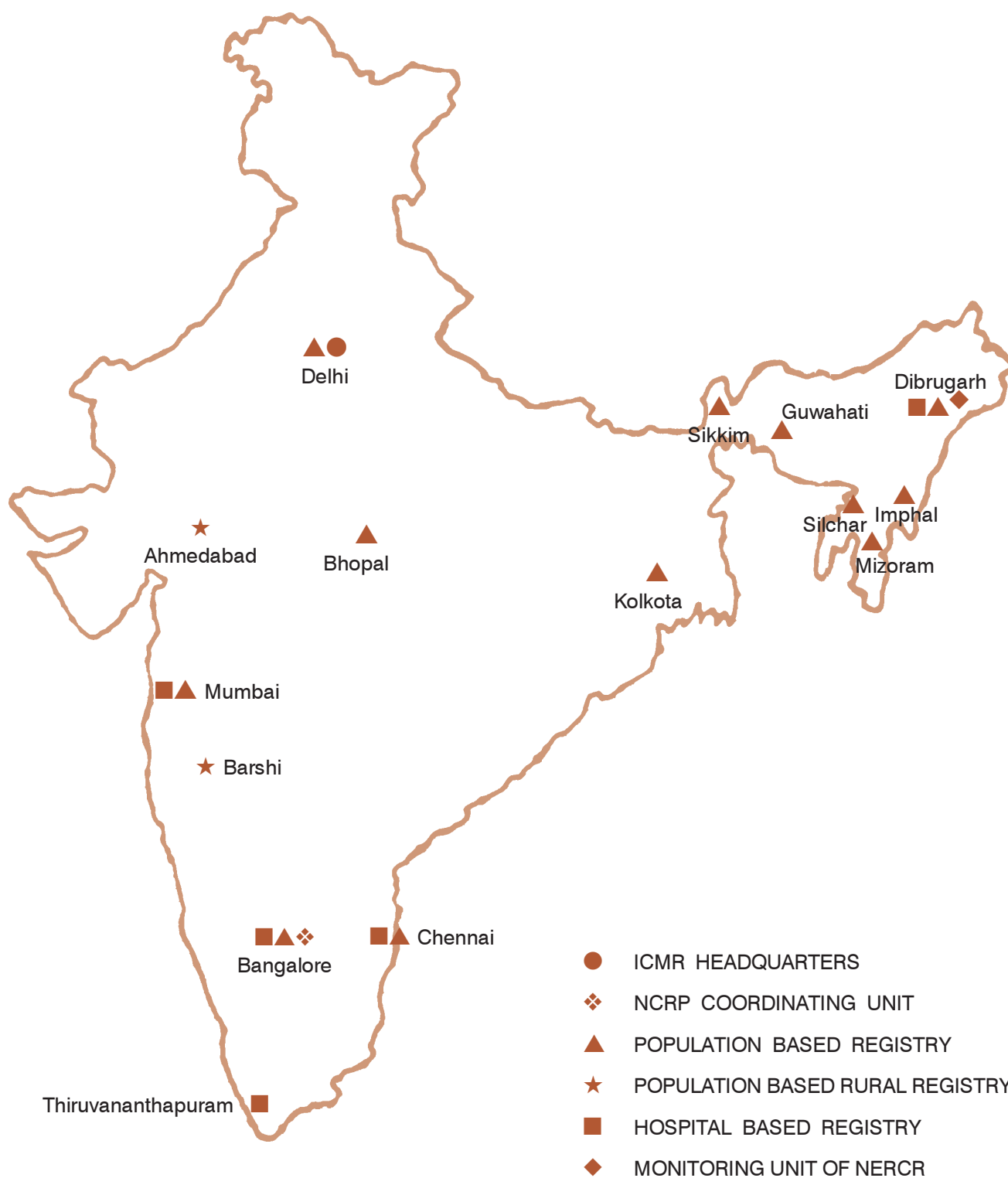
1. Generating reliable data on the magnitude and patterns of cancer - this would be based on morbidity and mortality information in different regions of the country according to sex, age and residence of the patient, anatomical site of cancer and proportion of histological type or microscopic confirmation for each site; pattern of different types of cancer according to relative proportions or ratios in various population sub-groups such as religion, language spoken, educational status; clinical stage of disease when patients come to hospital for treatment and where possible the nature of treatment received and outcome;
2. Undertaking epidemiologic research, such as case control or cohort studies based on observations of registry data;
3. Providing data base for developing appropriate strategies to aid in National Cancer Control Programme; this would be in the form of planning, monitoring and evaluation of activities under this programme;
4. Developing human resource in cancer registration and epidemiology.

Data collection commenced from 1 January 1982 in the population based cancer registries at Bangalore, Chennai and Mumbai, and also in the hospital based cancer registries at Chandigarh, Dibrugarh and Thiruvananthapuram. In order to extend the assessment of cancer patient care, hospital cancer registries were also started at Bangalore, Chennai and Mumbai in 1984. From 1986 two more urban population based cancer registries were started in Delhi and Bhopal, the latter to determine the effect of Methyl Isocyanate gas exposure on the occurrence of cancer. For the first time a population based rural cancer registry was started in 1987 in Barshi in the state of Maharashtra. To ensure uniformity in the data collected by different registries, code manuals separately for HBCRs (NCRP, 1987) and PBCRs (NCRP, 1987) were prepared. These code manuals are used for the data from 1st January 1986. Under the auspices of the World Health Organization, a project on "Development of an Atlas of Cancer in India" was commenced in 2001. As a fallout of this, a North Eastern Regional Cancer Registry (NERCR) has been commenced in six areas at Guwahati, Dibrugarh and Silchar in Assam, Aizawl in Mizoram, Imphal in Manipur and Gangtok in Sikkim with a Monitoring Unit at Regional Medical Research Centre, Dibrugarh. These registries have started collation of information on cancer cases from 1 January 2003. One more population based rural cancer registry was commenced from 1 January 2003 to cover Ahmedabad rural district. From 1 February 2005 the urban PBCR of Kolkata was included in the NCRP network to cover Kolkata Municipal Corporation. The map of India depicting the locations of the various cancer registries is shown in the adjoining page.

The NCRP is a long-term activity of the Indian Council of Medical Research. The programme is one

NATIONAL CANCER REGISTRY PROGRAMME

(Indian Council of Medical Research)



of the many major activities of the Division of Non-Communicable Diseases and an Officer-in-charge coordinates it. The Programme is assisted by a Steering Committee that meets periodically to oversee and guide its functioning. A review meeting is held annually, where the Principal Investigators and staff of the registries under the NCRP, present data and participate in the discussions. This meeting is preceded by a workshop. With the objectives of discussing the various aspects of working of the registry, problematic cases, use of coding and discussion on medical terminology, statistical and epidemiologic methods. About 2-3 senior and junior staff from each of the registries under the NCRP, participate in the workshop.

Cancer registration in India is active. Staff of registries visit hospitals on routine basis and scrutinise the records in various departments that include pathology, radiology, radiotherapy, in-patient wards and out-patient clinics to elicit the desired information on reported cancer cases in a "common core proforma" that has been standardised for all cancer registries in India. Coding of the disease is done according to International Classification of Diseases (WHO, ICD-10). This facilitates comparison of our data with that from registries across the world. In addition, to facilitate the detailed histologic studies, coding is also done according to International Classification of Disease for Oncology (WHO, 3rd Edition 2002). The hospitals include the main cancer hospitals, other general hospitals in both the government and private sector. Besides, pathology laboratories that routinely report cancer cases are also visited. Death certificates are also scrutinised from the municipal corporation units. Every attempt is made by registries to register all cancer patients in the registration area who are resident (at least one year) in the area in all hospitals and copy all death certificates in which cancer is mentioned.

Certain basic checks of data, especially those related to duplicate verification and matching with mortality records, are carried out by the individual registries. After this, the data is sent to the coordinating unit for subjecting the data to various range, consistency checks and unlikely combinations including a further round of possible duplicate listing. The list of cases with the items of patient information, that require verification are sent to the respective registries by the Coordinating Unit. Individual registries go through the records/reports of such cases and wherever necessary discuss with the concerned clinician or the pathologist. On receiving the clarifications the Coordinating Unit prepares the detailed tabulations by five-year age group, site and sex, including rates. The individual registries use these tables to prepare the registry's annual report. The Coordinating Unit collates the data and perform tabulations to prepare the consolidated report of that year.

Apart from the above, the Coordinating Unit undertakes and coordinates epidemiologic and other research studies, including those to ensure that the quality of data is of a high standard and that coverage of cancer cases in the registry area is as complete as possible.

Over the years, staff from registries under the NCRP, have benefited from both short and long term training fellowships in established institutions abroad. This has helped them and the registries to develop into departments of epidemiology and undertake several studies on their own and contribute to several research publications in indexed journals.

Consolidated Report of Population Based Cancer Registries: 2001-2004

Incidence and Distribution of Cancer

INTRODUCTION AND SUMMARY OF REPORT

Cancer registration is the process of continuing, systematic collection of data on the occurrence and characteristics of reportable neoplasms (McLennan et al, 1978). Cancer registries could be Hospital based (HBCR) or population based (PBCR) or developed with a special purpose of examining specific exposures like the Bhopal PBCR. They could also be related to specific anatomical sites like bone tumour registry or morphology like lymphoma registry or a particular age group like childhood cancer registry.

The main objective of a cancer registry is to collect and classify information on all cancer cases in order to produce information on the occurrence of cancer in a defined population and to provide a framework for assessing and controlling the impact of cancer on the community. PBCR records all new cases in a defined population (most frequently a geographical area) with the emphasis on epidemiology and public health. The basic purpose of PBCR is to provide information on cancer incidence and mortality, time trends of these rates, variations in patterns and population based cancer survival rates.

To initiate, establish and sustain PBCR as per international norms requires meticulous planning, cooperation of medical institutions in the area, dedicated and committed personnel and adequate funding.

PBCR forms a platform for carrying out research investigations on cancer aetiology through various epidemiological studies. The sources of registration from where registry staff collects information include pathology reports, medical records, radiology and radiotherapy departments, through death certificates and others. For a complete as well as good quality cancer registration, the requisites would include - availability of updated investigations / diagnostic facilities, well organised medical records coding according to the International Classification of Diseases (WHO) and efficient death registration system.

In India cancer is not a notifiable disease and the methodology of data collection by registries is active. Registry staff regularly and periodically visits various sources of registration to actively pursue and collect information on cancers reported and interview the patients or representatives whenever possible. The registry staff abstracts the data from various sources of registration and feed them into specified core proforma. There is a gradual transformation in the working of registries in India with advancement in computing technology.

The previous consolidated report of PBCRs was published in 2005 was of the two years data of 1999-2000 of the five urban (Bangalore, Bhopal, Chennai, Delhi and Mumbai) and one rural (Barshi) population based cancer registry. The present report covers (a) the data of the six registries - Bangalore, Bhopal, Chennai, Delhi, Mumbai, Barshi for the years 2001-2003, (b) the six PBCRs (Aizawl District, Dibrugarh District, Kamrup Urban District, Silchar Town, Imphal West District, Sikkim State) in the North East with the data of 2003-2004 and (c) that of the Ahmedabad PBCR covering Ahmedabad District (other than

Ahmedabad Urban) for the year 2004. The report seeks to emphasise the cancer incidence and patterns of cancer in the areas covered by these registries. It attempts to give clues to the burden and patterns of cancer in these areas so as to provide a base for studies in cancer causation and its control.

Though the geographic area and population covered by the PBCRs are small (about 3%) compared to the vastness of India and its population, they give a fair idea of the cancer problem especially in urban centers in the country. This report is the culmination of sustained efforts made by the cancer registries.

Chapter 1 gives an idea of the cancer incidence in the registry areas. Cancer incidence rate is generally expressed as Age adjusted rate (AAR) or age standardised incidence rate (according to world standard population) per 100,000 persons. For all anatomical sites in urban males the AAR varied from 68 to 114.9 and in females from 92.1 to 116.5 excepting Ahmedabad with AAR of 39.8.

Unlike the earlier years incidence rates in rural registry of Barshi was lower only in males which is 43.8 but not so in case of females where a lower AAR was seen in Ahmedabad(39.8).

Chapter 2 provides a picture of leading sites of cancer in different PBCRs. Overall, among males as in the previous report cancer of the lung is numerically the number one cancer. It is the leading site in Delhi, Mumbai and Bhopal, second leading site in Chennai and Bangalore. Cancer of the stomach in males continues to be the leading site of cancer in southern registries. In women, cancers of cervix and breast, together accounted for 40.01% to 47.28% of cancers in urban women and over 53.3% of cancers in the rural registry in Barshi. Lymphoreticular malignancies as a group are a very important set of neoplasms. They comprise of around 10% of malignant neoplasms, have a potential for cure and are of interest in terms of etiology and epidemiology.

Chapter 3 gives the salient statistics of cancers associated with use of tobacco. These sites of cancer account for 34.67% to 50.34% of all cancers in males and 10.08% to 16.78% of all cancers in females.

Chapter 4 deals with the basis of diagnosis of cancer. The relative proportion of different methods of diagnosis of cancer viz. microscopic, imaging, clinical etc. along with cases with Death Certificates Only as the basis of diagnosis are given.

Chapter 5 gives an account of mortality data. There are certain limitations in the collection of mortality data. These include the system of registration of death and certification of cause of death. Though in urban centers all deaths are generally registered, information on exact cause of death is lacking. When cancer is mentioned as a cause, the anatomical site is not mentioned and when the site is mentioned the histology or morphology is lacking. Because of this, there are difficulties in having a clear and complete picture of cancer morbidity. However, traditionally Mumbai has developed a relatively better system mainly because of the earlier Coroner's act. Chennai and Bhopal registries have made extra efforts to enlist deaths due to all causes and trace back these deaths to elicit cause.

A comparison of cancer incidence and patterns of all PBCRs including those in the North East under NCRP is done in Chapter 6. Higher incidence rates are found especially in Mizoram and Kamrup Urban District. Apart from the sites of cancer associated with use of tobacco, the AAR of cancer of stomach in both males (AAR : 50.6 in males and 23.3 in females) and females in Mizoram was many times higher than

that recorded in Chennai (AAR :10.8 in males and 5.4 in females) and Bangalore (AAR: 8.8 in males and 4.9 in females).

Cancer of the nasopharynx was uniformly high in six of the eight North East registry areas than that seen in the PBCRs commenced in the earlier years. Delhi PBCR has consistently reported a consistently high incidence of cancer of the gall bladder in women. Kamrup Urban District showed a marginally higher incidence rate than that in Delhi.

The AARs of common sites of cancer in women viz, cervix, breast and ovary are comparable or lower than that seen in the established registries. Among the TRCs, the most common site of cancer that was several times higher than that of the highest AAR documented by older PBCRs was, cancer of the lung, in women (42.2/100,000 in Aizawl district verses 3.0/100,000in Delhi). This singular characteristic as well as the incidence and patterns seen in the north east PBCRs reconfirm the results reported from the study on Development of an Atlas of cancer in India (NCRP, 2004 a, b ; Nandakumar et al, 2005).

The authenticity of data depends upon its quality, and with reference to the PBCRs, this would be both in terms of completeness of coverage of cancer cases in the geographic area as well as the reliability of the data. Registries routinely undertake various exercises to ensure the data they collate and process is of high quality. A thorough check of data is also done before tabulation and these aspects are dealt with in Chapter 7. The coordinating unit has now developed an on - line check programme that can be carried out by the registries through the NCRP website. (www.ncrpindia.org).

Chapter 8 enlists the definitions and statistical methods followed.

The detailed individual registry write up and annexure tabulations are provided in Part II of the report. The annexure tabulation for numbers and rates (incidence and mortality) are provided for the years 2001, 2002 and 2003 separately and in combination.

The present report covers

- (a) the data of the six registries - Bangalore, Bhopal, Chennai, Delhi, Mumbai, Barshi for the years 2001-2003;**
- (b) the six PBCRs (Aizawl District, Dibrugarh District, Kamrup Urban District, Silchar Town, Imphal West District, Sikkim State) in the North East with the data of 2003-2004;**
- (c) that of the Ahmedabad PBCR covering Ahmedabad District (other than Ahmedabad Urban) for the year 2004. However, in the figures this is indicated only as 'Ahmedabad'.**

The population covered by the registry area of Ahmedabad district can be defined as the population of Ahmedabad district excluding the population of three urban areas of Vejalpur, Gatlodia and Ahmedabad city. Ahmedabad district rural PBCR is essentially planned as a rural registry. However, certain urban pockets in the rural district are also included in view of the difficulties in isolating both numerator (cancer cases) and denominator (population by five year age group).

Chapter 1

POPULATION AND CANCER INCIDENCE

The major concern of population based cancer registries (PBCR) is to calculate cancer incidence rates, study the rates of individual cancers by comparing cancer incidence and patterns in other registries and in different subgroups of population in respective areas.

The population based cancer registration data can be used to describe the magnitude of cancer burden in the community, for aetiological studies, monitoring and assessing the effectiveness of cancer control activities.

Geographical area and population at risk

Table 1.1 illustrates the geographical area, the number of male and female population covered by seven respective PBCRs. The average population covered per year ranged from 5 lakhs in Barshi to 82 lakhs in Delhi registry.

Cancer incidence- All sites (ICD-10: C00-C96)

Cancer incidence refers to new cases of cancer diagnosed in a given population during a specified time period. Incidence data given in this report are based on cancers diagnosed during the period of 1st January 2001 to 31st December 2003. For Amhedabad Rural PBCR the number of cases are based on the period 1st January 2004 to 31st December 2004. The three year annual average incidence and mortality rates are provided for the older PBCRs. Table 1.2 shows the number of cases registered during the respective periods by gender in different registries. The maximum number of cases were registered from the registry of Delhi (31,156) followed by Mumbai (27,519), Bangalore (13,359), Chennai (12,903), Bhopal (3003), Ahmedabad district (other than Ahmedabad urban) (684) and Barshi (673). From Table 1.2 it can be inferred that cancer cases in males were higher than females in Bhopal, Delhi and Ahmedabad registries whereas female cancer cases were higher than males in Bangalore, Barshi, Chennai and Mumbai registries. Overall, from the seven registries, 89,297 cancer cases were registered - out of which 44,497 (49.83%) were males and 44,800 (50.16%) were females.

Table 1.3 and figure 1.1 provide the Crude rate (CR), Age adjusted rates (AAR) and Truncated rates (TR) of the seven registries.

Crude rate (CR)

The highest CR per 100,000 population among males was observed in Chennai (91.9) followed by Delhi (71.6), Mumbai (67.4), Bhopal (65.2), Bangalore (65.0), Ahmedabad district (other than Ahmedabad urban) (49.4) and Barshi (40.6). Similarly among females the highest CR was observed in Chennai (103.1)

TABLE 1.1: Area Covered and person years (Combined population of three years) for all PBCRs (2001-2003).

Registry	Area (sq.km.)	Male	Female	Total Population
Bangalore	365.7	9399206	8530037	17929243
Barshi	3713.4	779870	720155	1500024
Bhopal	284.9	2444845	2196384	4641229
Chennai	170.0	6758208	6488802	13247010
Delhi	685.3	22509269	18467516	40976785
Mumbai	603.0	20379052	16472673	36851725
Ahmedabad*	7677.0	3281537	2918828	6200365

TABLE 1.2: Total Number of Cases Registered for all PBCRs (2001-2003)

Registry	Male	Female	Total Cases
Bangalore	6112	7247	13359
Barshi	317	356	673
Bhopal	1595	1408	3003
Chennai	6214	6689	12903
Delhi	16112	15044	31156
Mumbai	13727	13792	27519
Ahmedabad*	420	264	684
All Registries	44497	44800	89297

TABLE 1.3: Crude Rate (CR), Age Adjusted (AAR) and Truncated (TR) Incidence Rates per 100,000 population in different PBCR's (2001-2003)

Registry	Males			Females		
	CR	AAR	TR	CR	AAR	TR
Bangalore	65.0	95.5	147.2	85.0	115.1	229.7
Barshi	40.6	43.8	75.8	49.4	53.3	126.2
Bhopal	65.2	102.6	179.7	64.2	92.1	201.9
Chennai	91.9	106.4	190.1	103.1	115.2	248.2
Delhi	71.6	114.9	200.7	81.5	116.5	251.5
Mumbai	67.4	98.3	144.9	83.7	101.7	196.4
Ahmedabad*	49.4	68.0	131.8	34.2	39.8	87.7

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

**Fig. 1.1 : Average Annual Crude, Age Adjusted and Truncated Incidence Rates
All Sites of Cancer (ICD-10) : C00-C96**

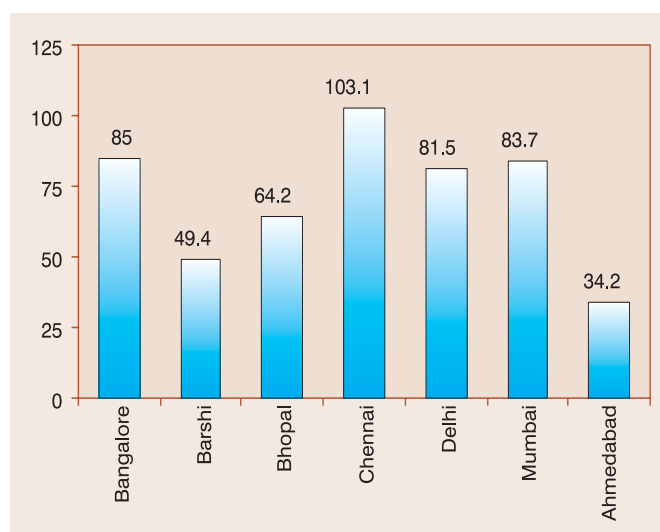
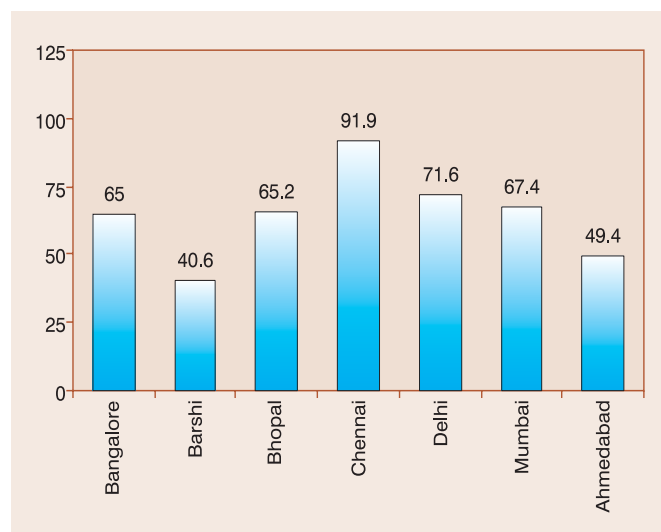
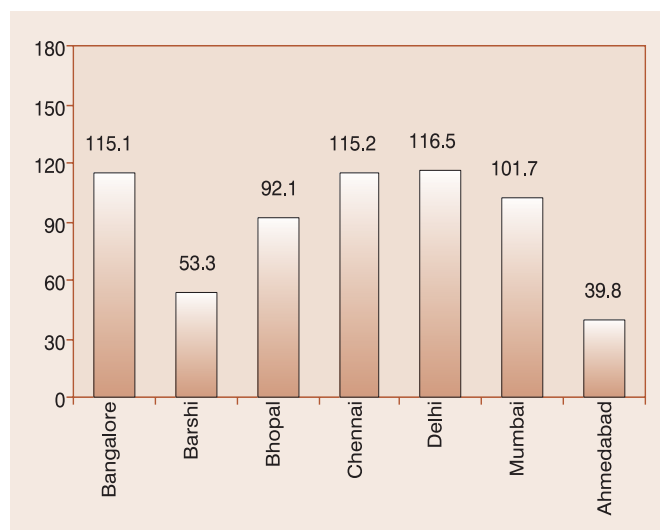
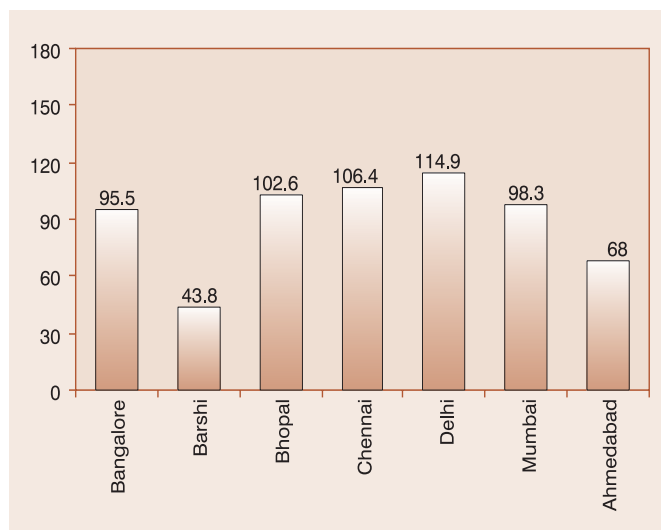
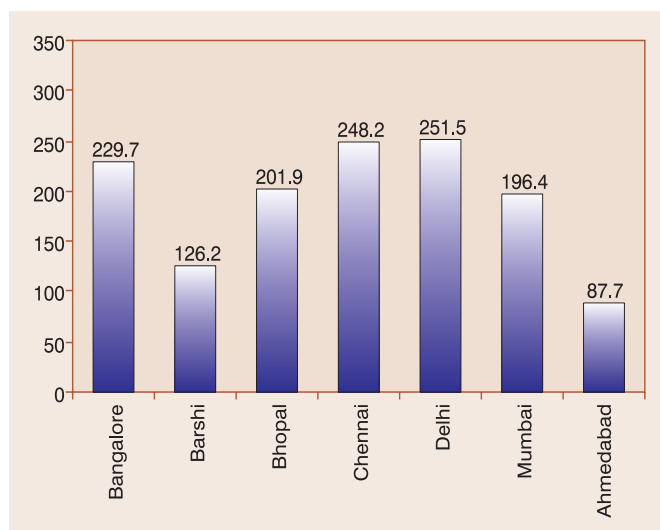
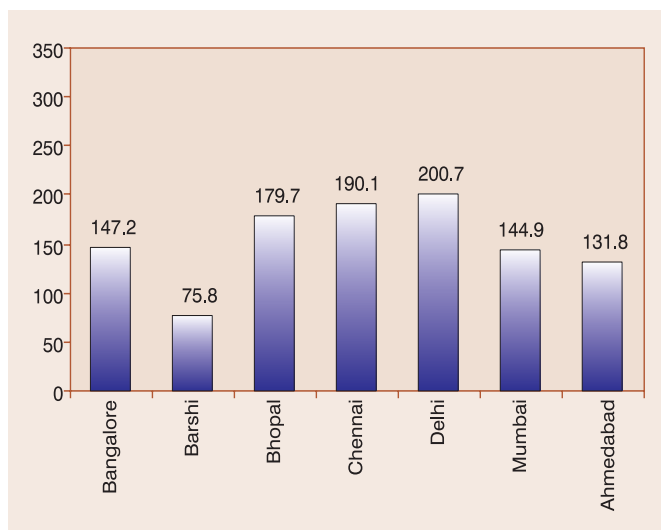
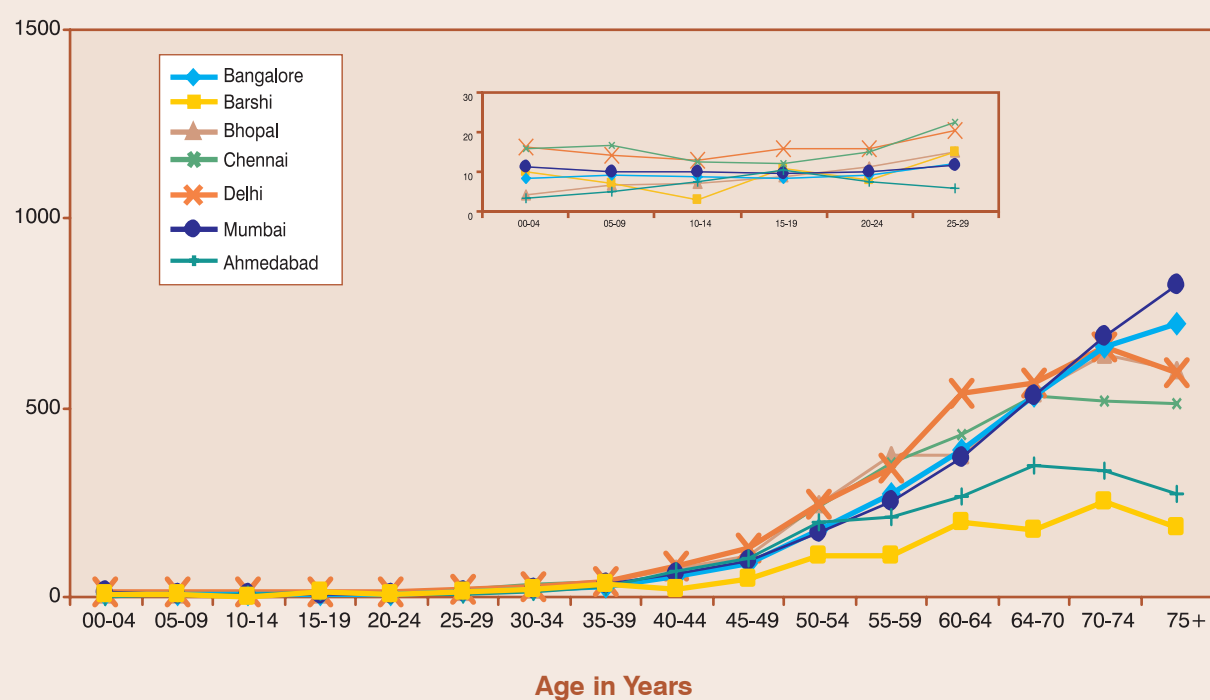
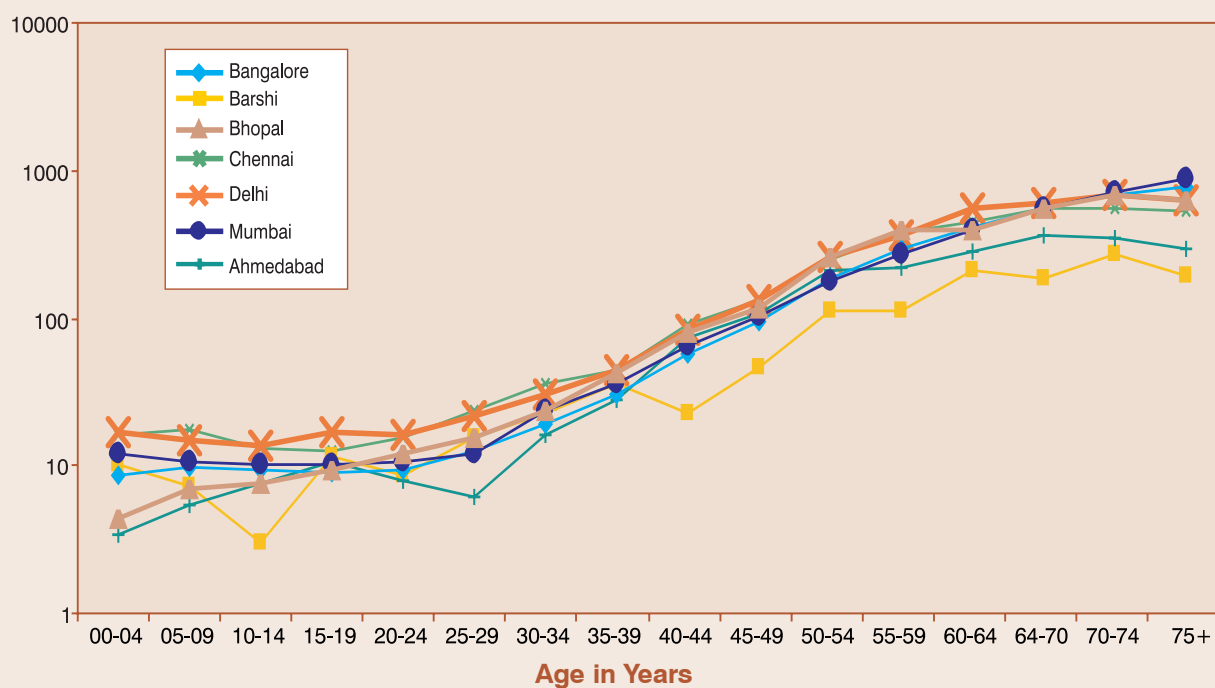
MALES**FEMALES****Crude Rate****Age Adjusted Rate****Truncated Rate**

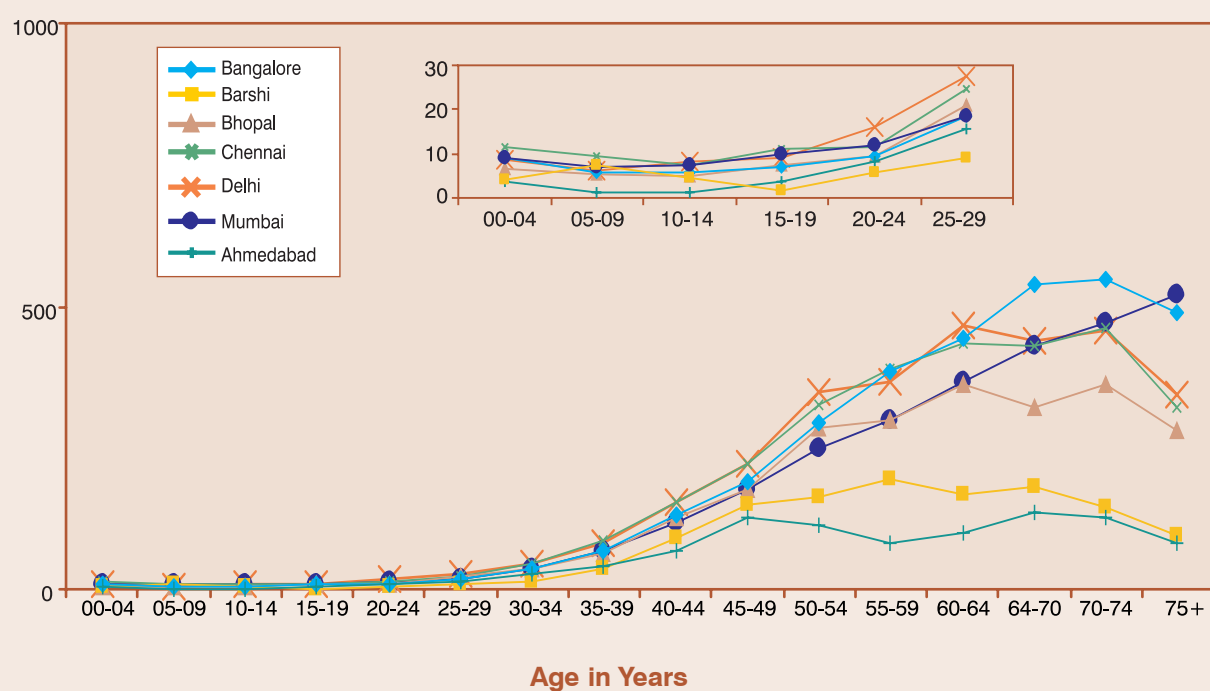
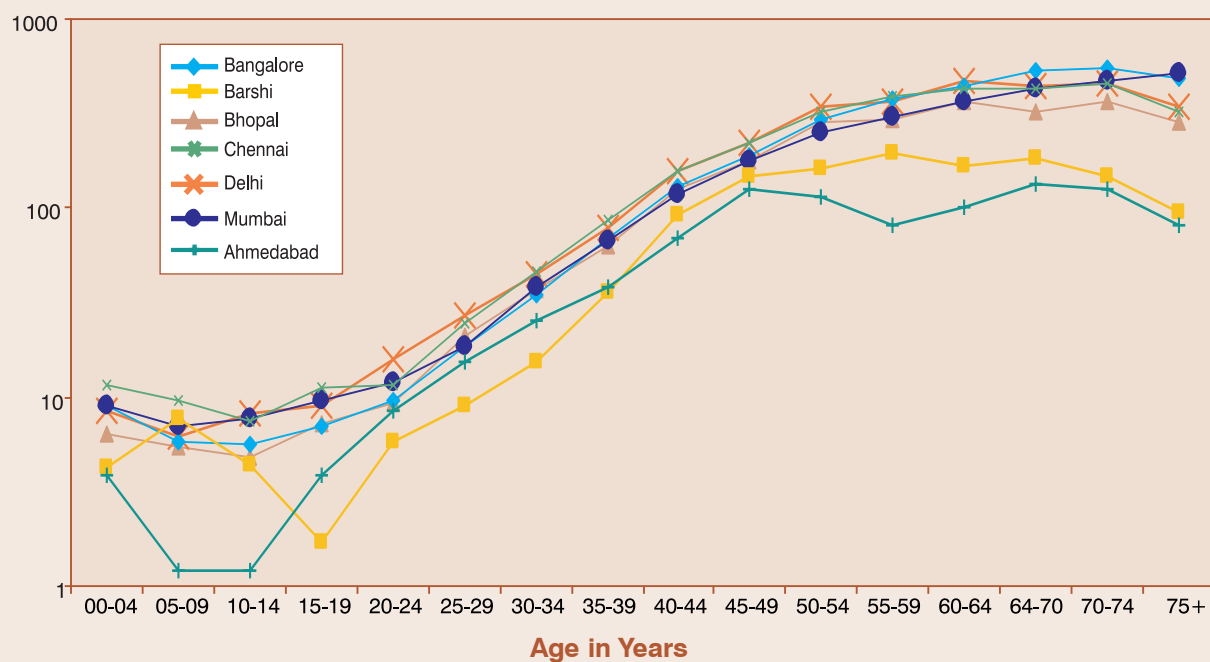
Fig. 1.2(a): Average Annual Age Specific Cancer Incidence Rates - All Sites of Cancer for all PBCRs

MALES



**Fig. 1.2(b): Average Annual Age Specific Cancer Incidence Rates
All Sites of Cancer**

FEMALES



followed by Bangalore (85.0), Mumbai (83.7), Delhi (81.5), Bhopal (64.2), Barshi (49.4) and Ahmedabad district (other than Ahmedabad urban) (34.2).

Age adjusted rates (AAR)

In males, AAR per 100,000 population ranged from 43.8 in Barshi to 114.9 in Delhi. Of all the seven PBCRs Delhi had the highest AAR.

In females, AAR per 100,000 population ranged from 39.8 in Ahmedabad district (other than Ahmedabad urban) to 116.5 in Delhi. Again, the order observed among the registries for AAR showed Delhi having the highest AAR.

Truncated rates (TR)

In males, the TR per 100,000 population ranged from 75.8 in Barshi to 200.7 in Delhi. Similarly, in females, it ranged from 87.7 in Ahmedabad district (other than Ahmedabad urban) to 251.5 in Delhi.

Age specific incidence rates

The gravity of the problem can be assessed from the graph of average annual age specific incidence rates for all sites of cancer using arithmetic means. The log scale was used to measure trends.

Figures 1.2(a) and 1.2(b) show that age specific incidence rates increase with increase in age in all registries. Further, after 45 years of age, the average annual age specific incidence rates increased in males. In females, the increase was observed after 30 years of age.

Cumulative rate and risk

Day (1987) proposed the Cumulative rate as another age standardised incidence rate.

The Cumulative risk is the probability that an individual will be diagnosed with cancer during a certain age period in the absence of any competing cause of death and assuming that the current trends prevail over the time period.

For practical purposes, Cumulative rate is a good approximation of Cumulative risk over the defined period of time. Cumulative rate is the sum of age specific incidence rates over a certain age range. This can be estimated from age specific incidence rates either for the five year age group from 0-64 years or 0-74 years .

Since the average life expectancy of the population of India has gone up, one would have to examine the estimates obtained from both the calculations. In this report, 0-64 years and 0-74 years are used as an approximation for an average lifetime for calculating the Cumulative rate and risk. Both the cumulative rate and cumulative risk of different registries are tabulated in Table1.4 for both the genders and for the 0-64 and 0-74 years age group.

Cumulative risk(%) in 0-64 years

Among males, except for the registry of Barshi the cumulative risk ranged from 4.5% in Ahmedabad to 7.2% in Delhi. This cumulative risk(%) gives an idea about a person developing cancer during the life period of 0-64 years of age e.g., like in Ahmedabad district (other than Ahmedabad urban) 4.53% of males in the age group of 0-64 years are likely to develop cancer in their life time. In Barshi the cumulative risk was 2.89%.

TABLE 1.4: Cumulative Incidence Rate, Cumulative Risk & Possibility of one in number of persons developing Cancer of any Site (ICD-10): C00-C96 for all PBCRs (2001-2003)**Calculation based on age specific rates from 0-64 and 0-74 years of age**

Registry	Cumulative Rate (%)		Cumulative Risk (%)		Possibility of one in number of persons developing cancer	
	Males	Females	Males	Females	Males	Females
<i>0-64 yrs</i>						
Bangalore	5.4	8.0	5.3	7.7	19	13
Barshi	2.9	4.2	2.9	4.2	35	24
Bhopal	6.5	7.0	6.3	6.8	16	15
Chennai	7.1	8.7	6.8	8.3	15	12
Delhi	7.5	8.8	7.2	8.4	14	12
Mumbai	5.4	6.9	5.2	6.7	19	15
Ahmedabad*	4.6	3.0	4.5	2.9	22	34
<i>0-74 yrs</i>						
Bangalore	11.4	13.4	10.8	12.6	9	8
Barshi	5.1	5.9	5.0	5.7	20	18
Bhopal	12.4	10.4	11.6	9.9	9	10
Chennai	12.3	13.1	11.6	12.3	9	8
Delhi	13.6	13.3	12.7	12.4	8	8
Mumbai	11.4	11.4	10.8	10.8	9	9
Ahmedabad*	8.1	4.3	7.7	4.2	13	24

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

Among females, except for the registry of Ahmedabad district (other than Ahmedabad urban) the cumulative risk ranged from 4.2% in Barshi to 8.4% in Delhi. This means on an average about 8.4% of females in 0-64 years age group are likely to develop cancer in their life time in Delhi. In Ahmedabad district (other than Ahmedabad urban), cumulative risk was 2.9%.

Cumulative risk(%) in 0-74 years

Among males, in Barshi and Ahmedabad district (other than Ahmedabad urban) in the 0-74 age group, the cumulative risk percentage was 5.0% and 7.7% respectively. In other registries it ranged from 10.8% in Bangalore to 12.7% in Delhi.

Among females, in Barshi and Ahmedabad district (other than Ahmedabad urban) in the 0-74 age group, the cumulative risk percentage was 5.7% and 4.2% respectively. In other registries it ranged from 9.9% in Bhopal to 12.6% in Bangalore.

In both males and females, the cumulative risk (%) in the 0-74 years age group was almost double that seen in 0-64 years age group.

Chapter 2

LEADING SITES OF CANCER

The leading sites of cancer for each gender were decided on the basis of proportion relative to all sites of cancer or in other words based on crude incidence rates. Table 2.1 to 2.7 and figures 2.1 to 2.7 show the ten leading sites of cancer for both males and females in the seven registries.

BANGALORE

Table 2.1 provides the list of ten leading sites of cancer seen in the area of Bangalore registry. It also provides the respective CR, AAR and TR per 100,000 population. Figure 2.1 shows the ten leading sites of cancer for both males and females respectively.

Males: The leading sites of cancer (with relative proportion in parentheses) in Bangalore were stomach (9.3%), lung (8.1%), oesophagus (7.4%), prostate (5.5%), brain, NS (4.7%) followed by others. The respective CR and AAR per 100,000 population for above sites (given in parentheses) were stomach (6.0 and 9.0), lung (5.3 and 8.5), oesophagus (4.8 and 7.5), prostate (3.6 and 6.3) and brain, NS (3.1 and 3.7).

Females: The leading cancer sites among females were breast (24.6%) followed by cervix uteri (15.9%), oesophagus (5.9%), ovary (5.2%), mouth (4.6%) followed by others. The two leading sites breast and cervix constituted over 40% of the total cancers. The respective CR and AAR per 100,000 population for the above sites were breast (20.9 and 27.5), cervix (13.5 and 18.1), oesophagus (5.0 and 7.5), ovary (4.4 and 5.9) and mouth (3.9 and 5.7).

BARSHI

Table 2.2 lists the number of cases along with the CR, AAR and TR per 100,000 population of ten leading sites of cancer in Barshi registry. Figure 2.2 shows the ten leading sites of cancer for both males and females.

Males: The leading sites of cancer (with relative proportion in parentheses) were oesophagus (10.4%), hypopharynx (7.3%), liver (6.9%), mouth (6.9%) and lung (4.7%).

The respective CR and AAR per 100,000 population for these sites (given in parentheses) were oesophagus (4.2 and 4.4), hypopharynx (2.9 and 3.2), liver (2.8 and 3.0), mouth (2.8 and 3.5) and lung (1.9 and 1.9).

Females: Cervix uteri (36.8%) was the leading site of cancer in Barshi registry area. The other leading sites were breast (16.9%), oesophagus (4.5%), mouth (3.9%) and ovary (3.4%). The respective CR and AAR per 100,000 population for the above sites were cervix uteri (18.2 and 19.1), breast (8.3 and 9.7), oesophagus (2.2 and 2.3), mouth (1.9 and 2.0) and ovary (1.7 and 2.2). Cervix and breast constituted 53% of all cancers.

BHOPAL

Table 2.3 provides the number of cases along with the CR, AAR and TR per 100,000 population of ten leading sites of cancer in Bhopal registry. Figure 2.3 shows the ten leading sites of cancer for both males and females.

Males: The leading sites of cancer (with relative proportion in parentheses) were lung (11.1%), tongue (9.5%), mouth (8.3%), oesophagus (6.7%), hypopharynx (5.5%).

The respective CR and AAR per 100,000 population for these sites (given in parentheses) were lung (7.2 and 12.3), tongue (6.2 and 9.7), mouth (5.4 and 8.2), oesophagus (4.4 and 7.5), hypopharynx (3.6 and 6.3).

Females: The leading cancer sites among females were breast (24.9%) followed by cervix uteri (19.7%), ovary (6.5%), mouth (5.0%) and gall bladder (4.5%). The respective CR and AAR per 100,000 population for the above sites were breast (16.0 and 22.1), cervix (12.7 and 18.7), ovary (4.2 and 5.6), mouth (3.2 and 5.2) and gall bladder (2.9 and 4.4). The two major sites of cancer namely breast and cervix constituted over 45% of all cancers.

CHENNAI

Total number of cases of ten leading sites of cancer along with their CR, AAR & TR are tabulated and shown in Table 2.4 for both genders. Figure 2.4 shows the ten leading sites of cancer for both males and females.

Males: The leading sites of cancer (with relative proportion in parentheses) were stomach (10.2%), lung (10.0%), oesophagus (7.6%), mouth (5.7%) and tongue (5.0%).

The respective CR and AAR per 100,000 population for these sites (given in parentheses) were stomach (9.4 and 11.1), lung (9.2 and 11.2), oesophagus (7.0 and 8.4), mouth (5.2 and 6.0) and tongue (4.6 and 5.2).

Females: The leading cancer sites among females were breast (26.1%) followed by cervix uteri (21.2%), ovary (5.1%), stomach (4.7%) and mouth (4.3%). The respective CR and AAR per 100,000 population for the above sites were breast (24.4 and 26.6), cervix (19.9 and 22.5), ovary (4.9 and 5.4), stomach (4.6 and 5.4) and mouth (4.0 and 4.7). The two major sites of cancer namely breast and cervix constituted over 47% of all cancers.

DELHI

The ten leading sites of cancer with its CR, AAR and TR per 100,000 population are tabulated in Table 2.5.

Males: The leading sites of cancer (with relative proportion in parentheses) were lung (10.5%), larynx (5.9%), tongue (5.4%), prostate (5.3%) and NHL (5.1%).

The respective CR and AAR per 100,000 for these sites (given in parentheses) were lung (7.5 and 13.8), larynx (4.2 and 7.5), tongue (3.9 and 6.5), prostate (3.8 and 8.0) and NHL (3.7 and 5.3).

Females: The leading cancer sites among females were breast (25.1%) followed by cervix uteri (14.9%), ovary (7.2%), gall bladder (5.8%) and corpus uteri (3.3%).

The respective CR and AAR per 100,000 population for the above sites were breast (20.5 and 29.2), cervix (12.1 and 17.6), ovary (5.9 and 8.0), gall bladder (4.8 and 7.4) and corpus uteri (2.6 and 4.3).

MUMBAI

Table 2.6 shows the ten leading sites of cancer of Mumbai registry along with its CR, AAR and TR per 100,000 population. Figure 2.6 shows the ten leading sites of cancer in both males and females.

Males: The leading sites of cancer (with relative proportion in parentheses) were lung (8.2%), mouth (7.7%), larynx (5.8%), oesophagus (5.7%) and prostate (5.4%).

The respective CR and AAR per 100,000 population for these sites (given in parentheses) were lung (5.5 and 8.9), mouth (5.2 and 6.9), larynx (3.9 and 6.2), oesophagus (3.9 and 6.1) and prostate (3.6 and 6.4).

Females: The leading cancer sites among females were breast (27.5%) followed by cervix uteri (13.0%), ovary (7.3%), oesophagus (4.1%) and mouth (3.4%) .

The respective CR and AAR per 100,000 population for the above sites were breast (23.0 and 27.5), cervix (10.9 and 13.0), ovary (6.1 and 7.3), oesophagus (3.4 and 4.4) and mouth (2.8 and 3.6).

AHMEDABAD DISTRICT (OTHER THAN AHMEDABAD URBAN)

Table 2.7 provides the list of ten leading sites of cancer seen in the area of Ahmedabad registry. It also provides the respective CR, AAR and TR per 100,000 population. Figure 2.7 shows the ten leading sites of cancer for both males and females respectively.

Males: The leading sites of cancer (with relative proportion in parentheses) were tongue (10.5%) and mouth (10.5%) followed by lung (7.6%), hypopharynx (6.9%) and oesophagus (5.2%). The respective CR and AAR per 100,000 population for above sites (given in parentheses) were tongue (5.2 and 7.0), mouth (5.2 and 6.5), lung (3.8 and 5.5), hypopharynx (3.4 and 5.3) and oesophagus (2.6 and 3.8).

Females: The leading cancer sites among females were breast (19.3%) followed by cervix uteri (14.4%), ovary (6.1%), mouth (4.9%) and oesophagus (3.8%). The two leading sites breast and cervix constituted around 34% of the total cancers. The respective CR and AAR per 100,000 population for the above sites were breast (6.6 and 7.6), cervix (4.9 and 5.5), ovary (2.1 and 2.5) and mouth (1.7 and 2.0) and oesophagus (1.3 and 1.6).

A comparison of inter registry rates showed that among males, lung cancer was the leading site in Bhopal, Delhi and Mumbai while it was the second leading site in Chennai and Bangalore. Cancer of the stomach was the leading site in Chennai and Bangalore, whereas, it occupied different positions in other registries. In Barshi, cancer of oesophagus occupied the leading site. Tongue and mouth happen to be the leading site of cancer in Ahmedabad registry.

In females, breast cancer was the leading site of cancer in all registries except Barshi with the relative proportion ranging from 19.3% to 27.5%. This was followed by cancer cervix as the second leading site of cancer. In Barshi, the leading site of cancer was cervix uteri constituting 36.8% of all cancers followed by breast. Ovarian cancer occupies the third leading site in Delhi, Mumbai, Chennai, Bhopal and Ahmedabad registry while it was placed fourth and fifth in Bangalore and Barshi respectively.

In all the registries, sites like oesophagus and larynx are among the ten leading sites of cancer in males. Oesophagus happens to be among the ten leading sites in all the registries.

TABLE 2.1 : Ten Leading Sites of Cancer - Bangalore (2001-2003)

*Number of Cases, Relative Proportion (%), Crude Rate (CR), Age Adjusted Rate (AAR)
and Truncated Rate (TR)*

Males

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Stomach	568	9.3	6.0	9.0	14.9
2	Lung	497	8.1	5.3	8.5	11.7
3	Oesophagus	453	7.4	4.8	7.5	12.5
4	Prostate	338	5.5	3.6	6.3	3.8
5	Brain, NS.	288	4.7	3.1	3.7	6.0
6	NHL	284	4.7	3.0	4.0	6.9
7	Hypopharynx	261	4.3	2.8	4.3	7.4
8	Liver	237	3.9	2.5	4.0	5.8
9	Tongue	223	3.7	2.4	3.6	6.7
10	Larynx	200	3.3	2.1	3.3	5.8
	All Sites	6112	100.0	65.0	95.5	147.2

Females

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Breast	1781	24.6	20.9	27.5	63.8
2	Cervix Uteri	1151	15.9	13.5	18.1	39.8
3	Oesophagus	428	5.9	5.0	7.5	13.8
4	Ovary	376	5.2	4.4	5.9	12.5
5	Mouth	330	4.6	3.9	5.7	11.7
6	Stomach	311	4.3	3.6	5.0	9.1
7	Corpus Uteri	247	3.4	2.9	4.2	9.3
8	Thyroid	228	3.2	2.7	2.9	5.0
9	Brain, NS.	182	2.5	2.1	2.4	4.2
10	NHL	179	2.5	2.1	2.9	4.7
	All Sites	7247	100.0	85.00	115.1	229.7

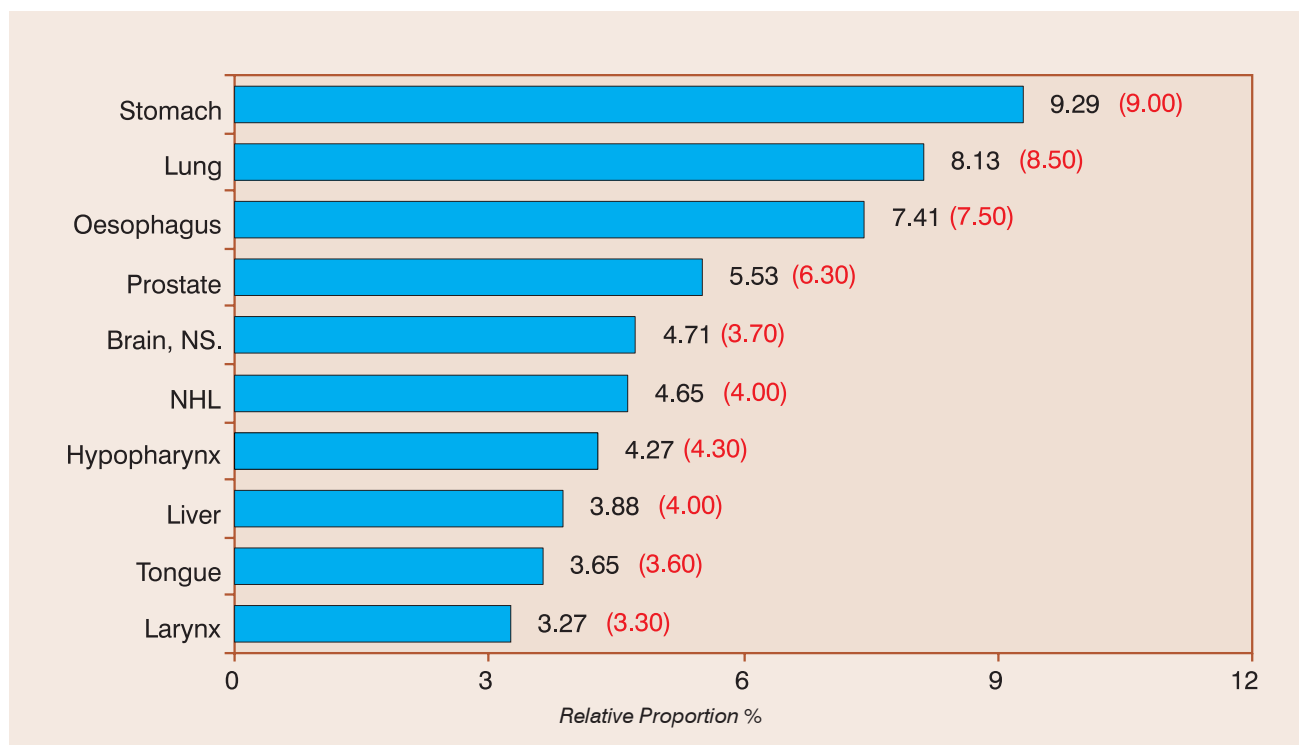
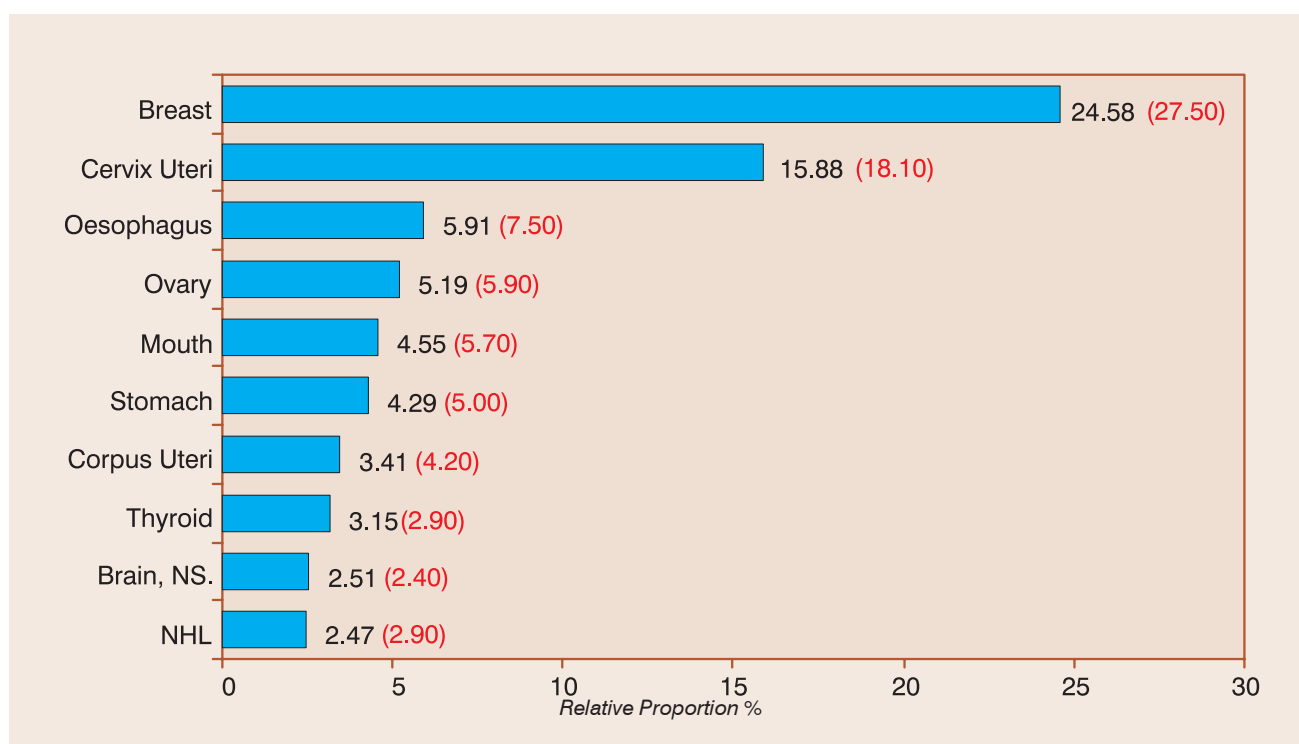
Fig. 2.1: Ten Leading Sites of Cancer - Bangalore (2001-2003)*Age Adjusted Rates given in parentheses***Males****Females**

TABLE 2.2 : Ten Leading Sites of Cancer - Barshi (2001-2003)

*Number of Cases, Relative Proportion (%), Crude Rate (CR), Age Adjusted Rate (AAR)
and Truncated Rate (TR)*

Males

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Oesophagus	33	10.4	4.2	4.4	7.9
2	Hypopharynx	23	7.3	2.9	3.2	6.2
3	Liver	22	6.9	2.8	3.0	5.4
4	Mouth	22	6.9	2.8	3.5	9.3
5	Lung	15	4.7	1.9	1.9	2.5
6	Stomach	12	3.8	1.5	1.6	1.9
7	Penis	11	3.5	1.4	1.6	3.2
8	Larynx	11	3.5	1.4	1.4	1.7
9	Myeloid Leuk.	10	3.2	0.3	1.2	1.1
10	Prostate	10	3.2	1.3	1.0	0.0
	All Sites	317	100.0	40.6	43.8	75.8

Females

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Cervix Uteri	131	36.8	18.2	19.1	45.7
2	Breast	60	16.9	8.3	9.7	26.7
3	Oesophagus	16	4.5	2.2	2.3	5.0
4	Mouth	14	3.9	1.9	2.0	3.8
5	Ovary etc.	12	3.4	1.7	2.2	7.2
6	Hyphopharynx	7	2.0	1.0	1.0	2.0
7	Stomach	7	2.0	1.0	1.0	2.4
8	NHL	7	2.0	1.0	1.0	1.1
9	Other skin	6	1.7	0.8	0.8	1.2
10	Pancreas	6	1.7	0.8	1.0	2.9
	All Sites	356	100.0	49.4	53.3	126.2

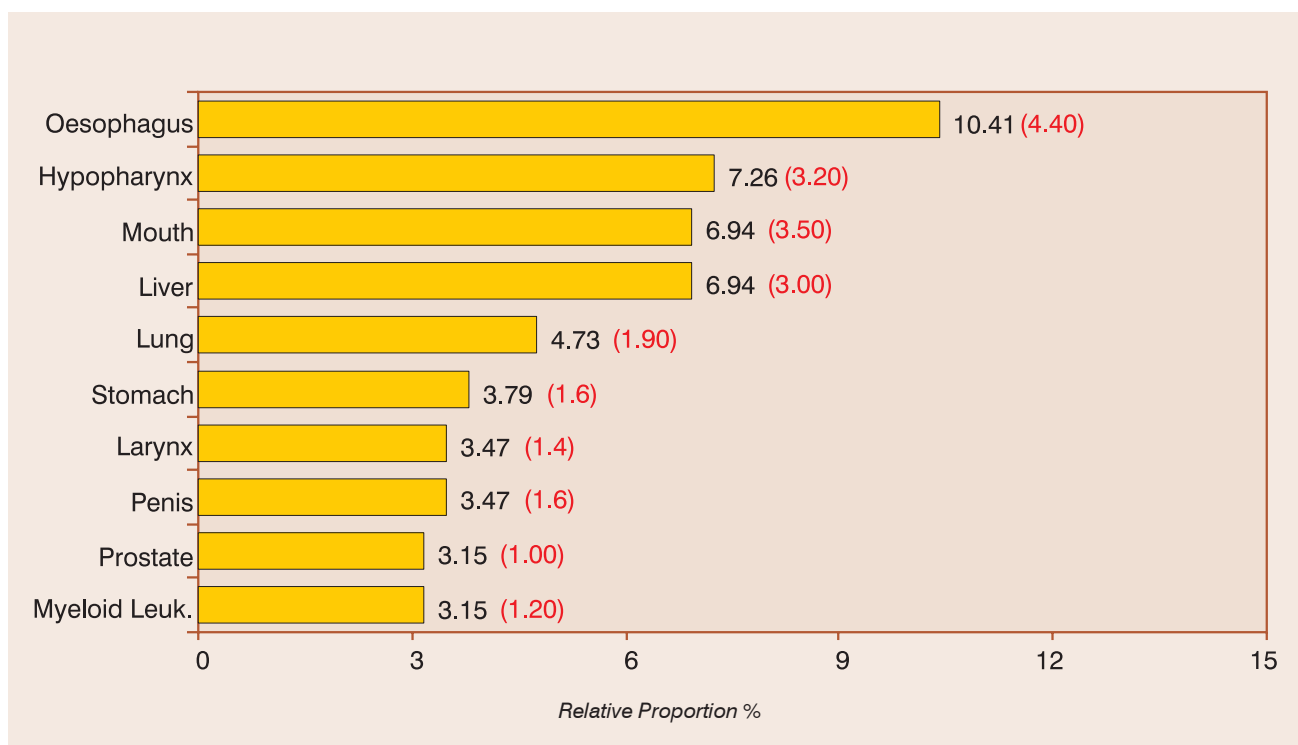
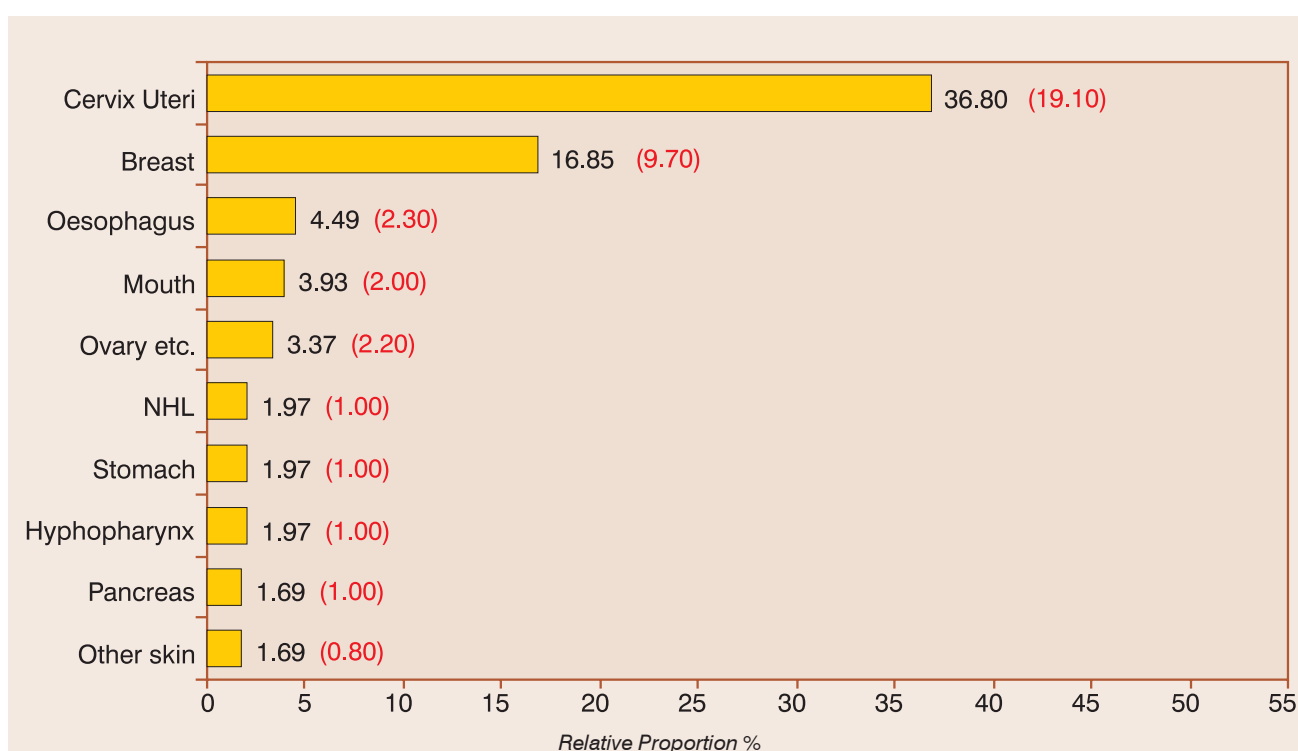
Fig. 2.2 : Ten Leading Sites of Cancer - Barshi (2001-2003)*Age Adjusted Rates given in parentheses***Males****Females**

TABLE 2.3 : Leading Sites of Cancer - Bhopal (2001-2003)

*Number of Cases, Relative Proportion (%), Crude Rate (CR), Age Adjusted Rate (AAR)
and Truncated Rate (TR)*

Males

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Lung etc.	177	11.1	7.2	12.3	21.6
2	Tongue	151	9.5	6.2	9.7	20.0
3	Mouth	132	8.3	5.4	8.2	16.4
4	Oesophagus	107	6.7	4.4	7.5	13.9
5	Hypopharynx	88	5.5	3.6	6.3	10.7
6	Larynx	74	4.6	3.0	5.3	9.6
7	Prostate	68	4.3	2.8	5.4	4.0
8	NHL	60	3.8	2.5	3.2	4.7
9	Brain, NS	53	3.3	2.2	2.8	4.8
10	Bladder	47	3.0	1.9	3.2	5.8
	All Sites	1595	100.0	65.2	102.6	179.7

Females

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Breast	351	24.9	16.0	22.1	54.3
2	Cervix Uteri	278	19.7	12.7	18.7	44.2
3	Ovary	92	6.5	4.2	5.6	11.9
4	Mouth	71	5.0	3.2	5.2	11.2
5	Gallbladder	64	4.5	2.9	4.4	10.3
6	Oesophagus	51	3.6	2.3	3.6	7.2
7	Tongue	40	2.8	1.8	2.8	6.1
8	Rectum	30	2.1	1.4	2.0	3.5
9	Myeloid Leuk.	28	2.0	1.3	1.4	2.4
10	NHL	26	1.9	1.2	1.6	3.8
	All Sites	1409	100.0	64.2	92.1	201.9

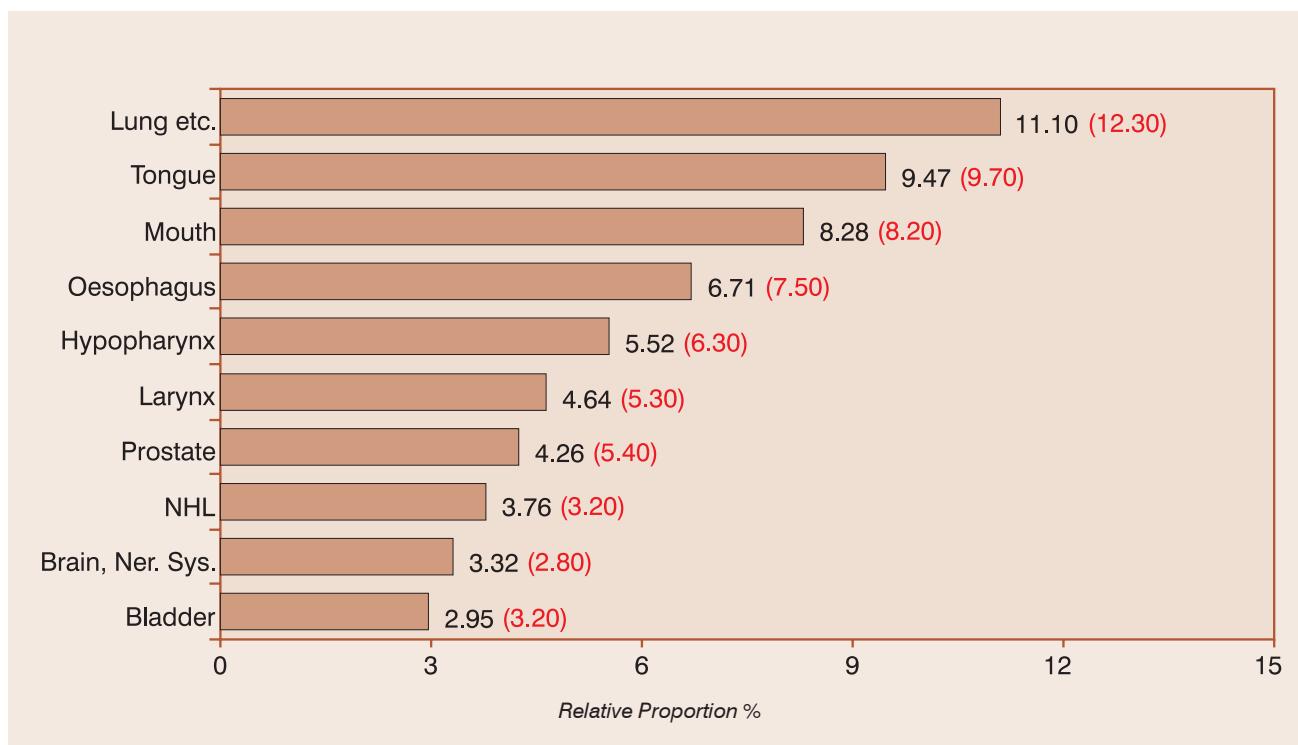
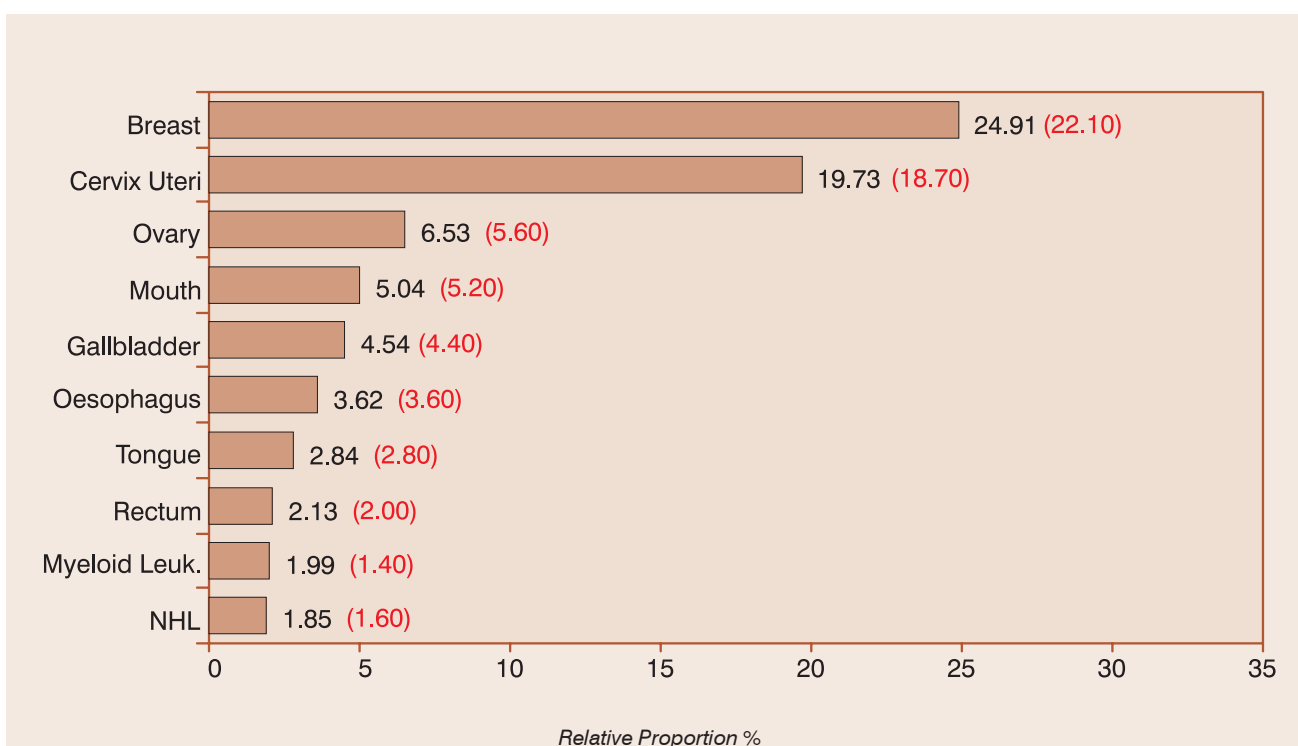
Fig. 2.3 : Ten Leading Sites of Cancer - Bhopal (2001-2003)*Age Adjusted Rates given in parentheses***Males****Females**

TABLE 2.4 : Ten Leading Sites of Cancer - Chennai (2001-2003)

*Number of Cases, Relative Proportion (%), Crude Rate (CR), Age Adjusted Rate (AAR)
and Truncated Rate (TR)*

Males

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Stomach	635	10.2	9.4	11.1	22.1
2	Lung	624	10.0	9.2	11.2	20.8
3	Oesophagus	473	7.6	7.0	8.4	16.9
4	Mouth	351	5.7	5.2	6.0	12.1
5	Tongue	311	5.0	4.6	5.2	11.0
6	NHL	264	4.3	3.9	4.3	6.0
7	Larynx	253	4.1	3.7	4.5	9.2
8	Hypopharynx	251	4.0	3.7	4.3	9.2
9	Prostate	215	3.5	3.2	4.0	3.2
10	Brain, NS	193	3.1	2.9	3.0	5.0
	All Sites	6214	100.0	89.7	103.7	185.8

Females

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Breast	1744	26.1	24.4	26.6	63.9
2	Cervix uteri	1419	21.2	19.9	22.5	55.2
3	Ovary	342	5.1	4.9	5.4	12.4
4	Stomach	314	4.7	4.6	5.4	10.4
5	Mouth	284	4.3	4.0	4.7	8.8
6	Oesophagus	250	3.7	3.5	4.1	8.9
7	Lung	166	2.5	2.3	2.7	5.4
8	Thyroid	154	2.3	2.2	2.2	4.2
9	Rectum	130	1.9	1.9	2.1	4.2
10	Brain, NS	120	1.8	1.8	1.9	2.7
	All Sites	6689	100.0	94.9	106.0	227.3

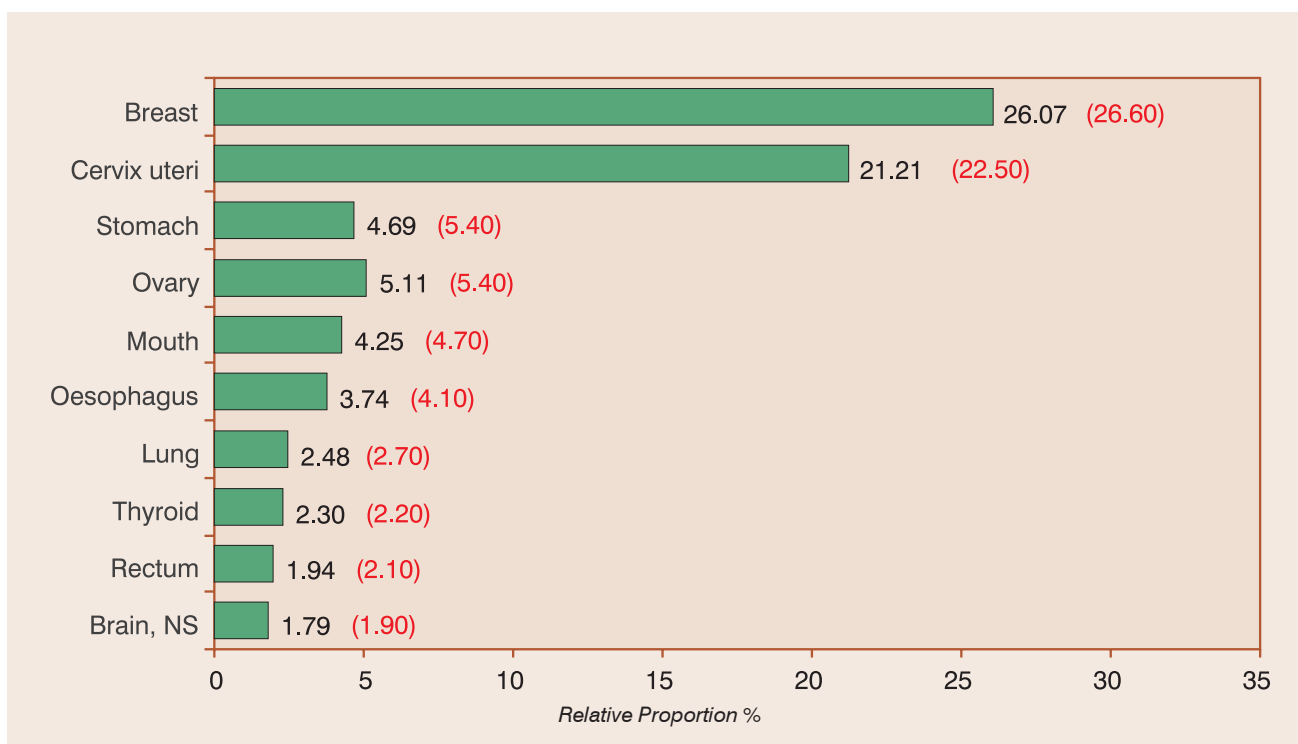
Fig. 2.4 : Ten Leading Sites of Cancer - Chennai (2001-2003)*Age Adjusted Rates given in parentheses***Males****Females**

TABLE 2.5: Ten Leading Sites of Cancer - Delhi (2001-2003)

*Number of Cases, Relative Proportion (%), Crude Rate (CR), Age Adjusted Rate (AAR)
and Truncated Rate (TR)*

Males

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Lung	1699	10.5	7.5	13.8	26.6
2	Larynx	946	5.9	4.2	7.5	14.4
3	Tongue	876	5.4	3.9	6.5	13.9
4	Prostate	851	5.3	3.8	8.0	7.0
5	NHL	822	5.1	3.7	5.3	8.2
6	Bladder	769	4.8	3.4	6.3	9.8
7	Brain, NS	679	4.2	3.0	3.8	6.2
8	Oesophagus	605	3.8	2.7	4.7	9.6
9	Mouth	541	3.4	2.4	3.9	8.3
10	Myeloid Leuk.	506	3.1	2.2	2.6	4.4
	All Sites	16112	100.00	71.6	114.9	200.7

Females

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Breast	3777	25.1	20.5	29.2	70.2
2	Cervix Uteri	2241	14.9	12.1	17.6	42.6
3	Ovary	1081	7.2	5.9	8.0	18.1
4	Gallbladder	879	5.8	4.8	7.4	16.1
5	Corpus Uteri	489	3.3	2.6	4.3	9.5
6	NHL	432	2.9	2.3	3.3	5.7
7	Lung	365	2.4	2.0	3.2	6.2
8	Thyroid	364	2.4	2.0	2.4	4.3
9	Brain, NS	360	2.4	1.9	2.3	4.3
10	Oesophagus	360	2.4	1.9	3.1	6.3
	All Sites	15044	100.0	81.5	116.5	251.5

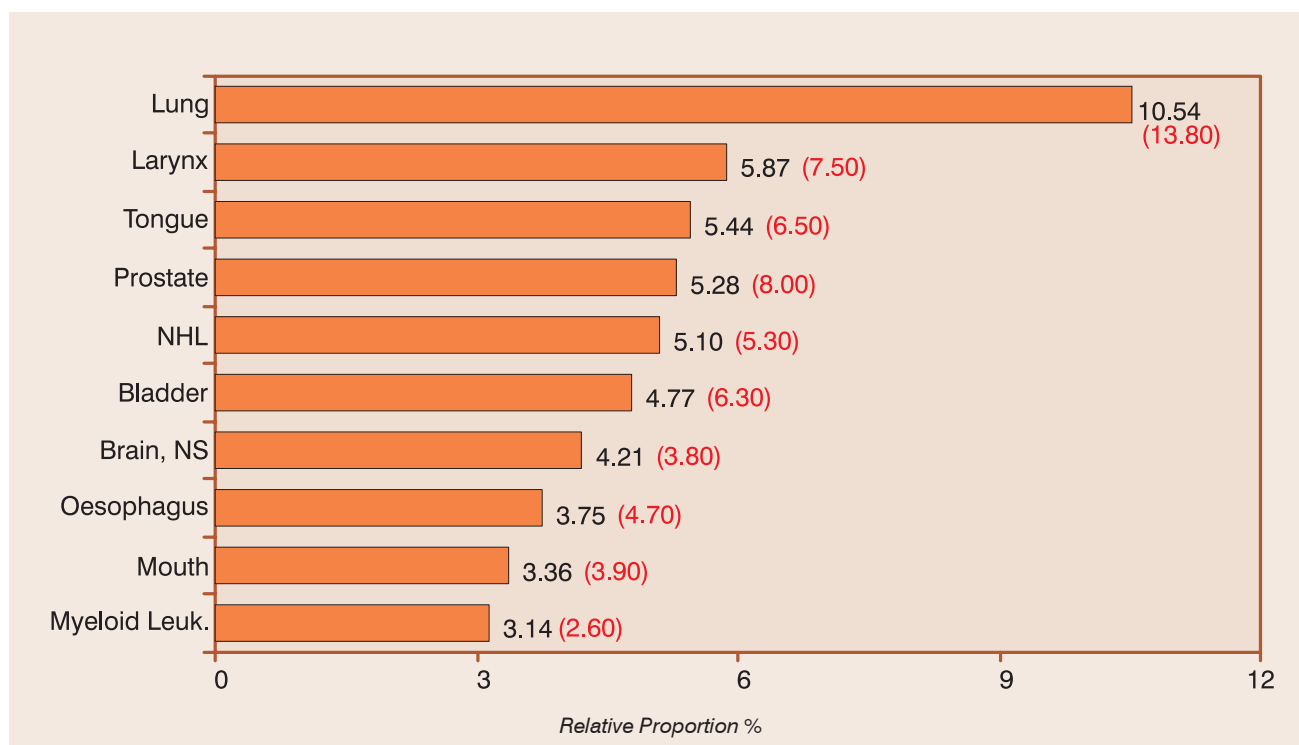
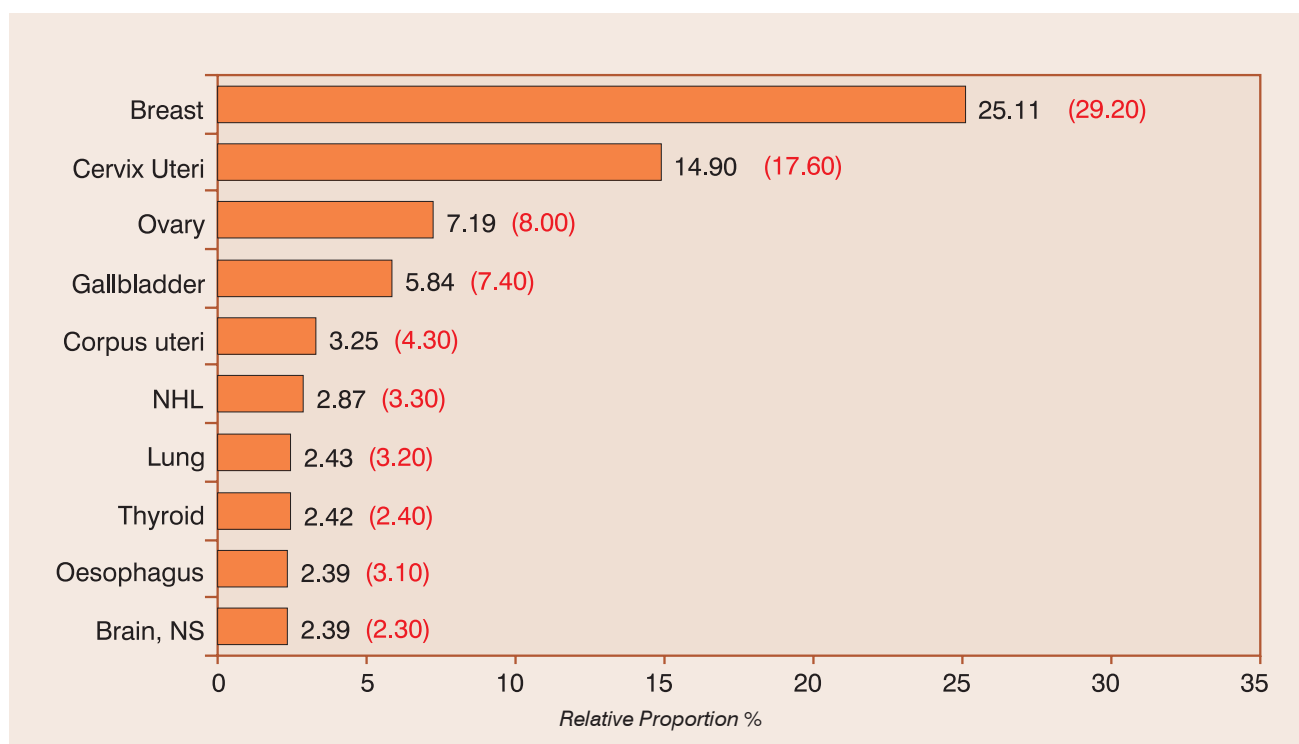
Fig. 2.5 : Ten Leading Sites of Cancer - Delhi (2001-2003)*Age Adjusted Rates given in parentheses***Males****Females**

TABLE 2.6: Ten Leading Sites of Cancer - Mumbai (2001-2003)

*Number of Cases, Relative Proportion (%), Crude Rate (CR), Age Adjusted Rate (AAR)
and Truncated Rate (TR)*

Males

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Lung	1125	8.2	5.5	8.9	12.7
2	Mouth	1056	7.7	5.2	6.9	14.9
3	Larynx	792	5.8	3.9	6.2	8.6
4	Oesophagus	787	5.7	3.9	6.1	8.7
5	Prostate	737	5.4	3.6	6.4	4.3
6	Tongue	674	4.9	3.3	4.6	8.9
7	NHL	658	4.8	3.2	4.3	6.0
8	Brain, NS	656	4.8	3.2	3.8	5.5
9	Stomach	558	4.1	2.7	4.2	6.9
10	Liver	526	3.8	2.6	4.2	5.2
	All Sites	13727	100.0	67.4	98.3	144.9

Females

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Breast	3789	27.5	23.0	27.5	62.0
2	Cervix Uteri	1792	13.0	10.9	13.0	30.9
3	Ovary	1003	7.3	6.1	7.3	14.2
4	Oesophagus	558	4.1	3.4	4.4	7.2
5	Mouth	465	3.4	2.8	3.6	7.5
6	Lung	411	3.0	2.5	3.2	5.6
7	Brain, NS	387	2.8	2.3	2.6	3.7
8	NHL	387	2.8	2.3	2.9	4.7
9	Corpus Uteri	352	2.6	2.1	2.8	5.5
10	Gallbladder	280	2.0	1.7	2.1	4.3
	All Sites	13792	100.0	83.7	101.7	196.4

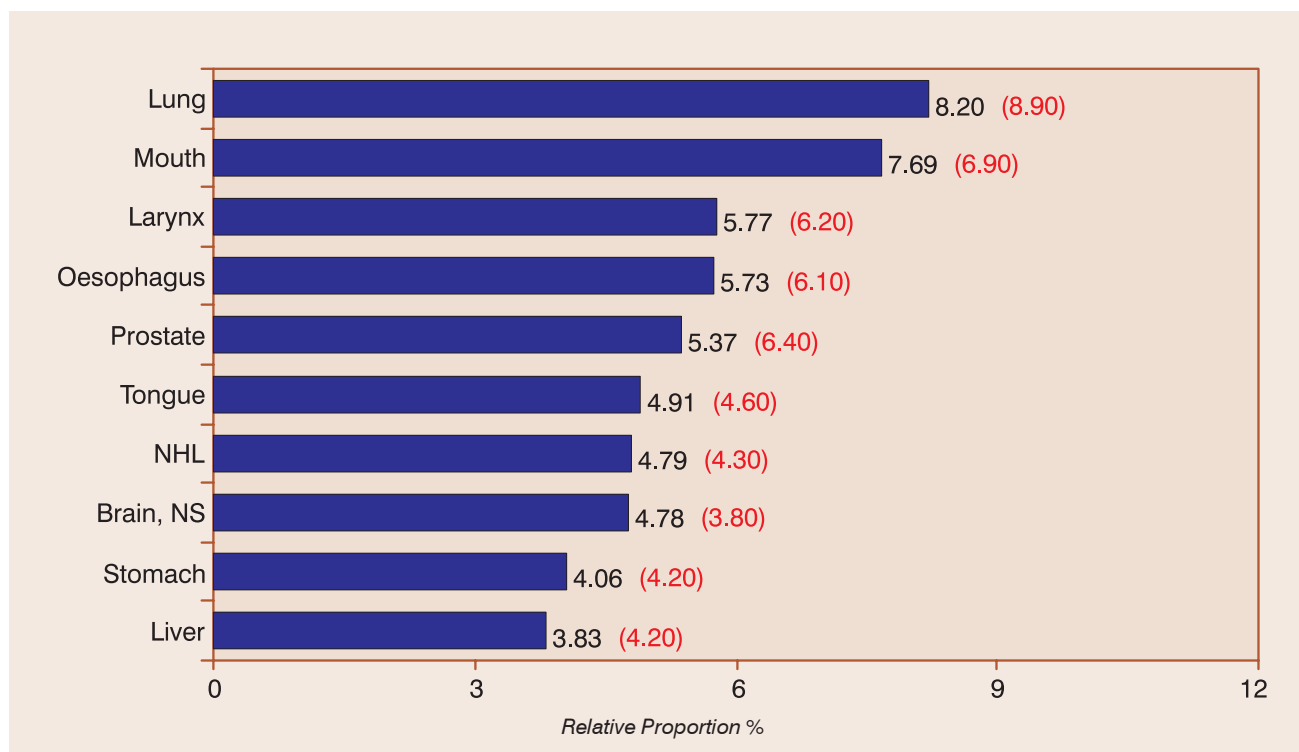
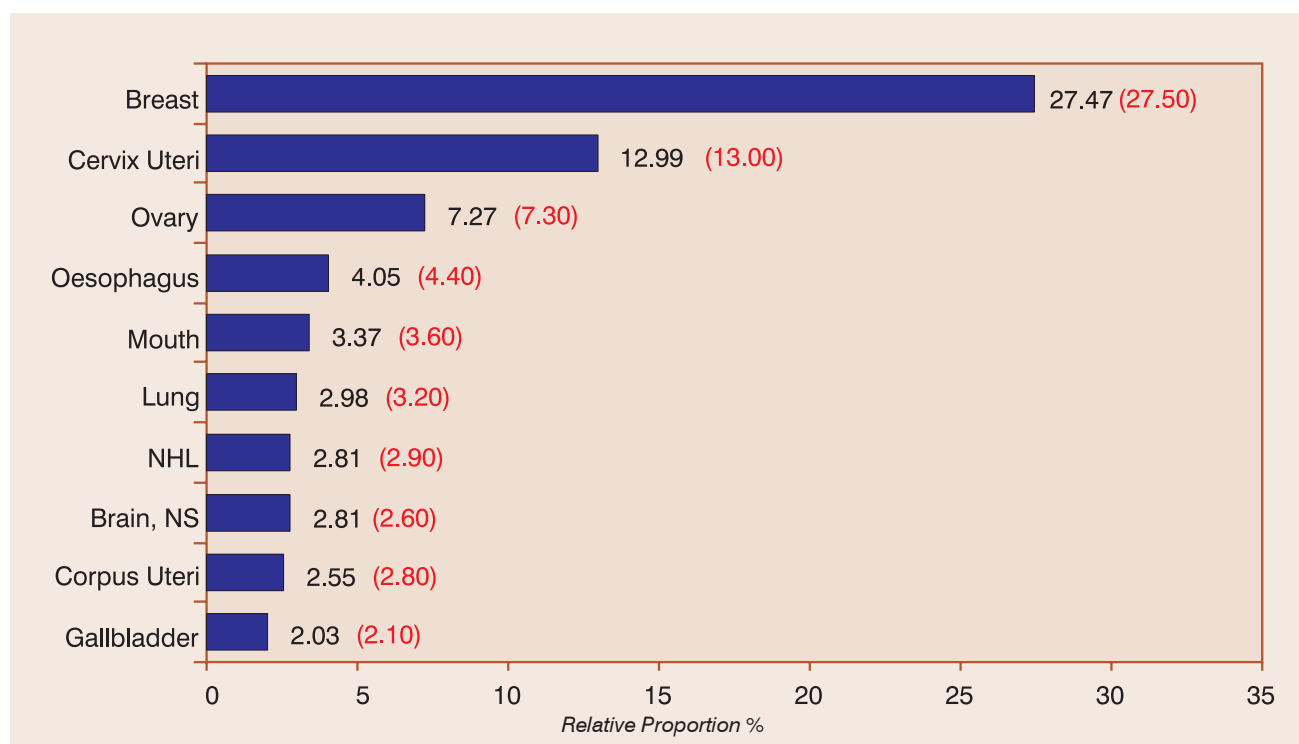
Fig. 2.6 : Ten Leading Sites of Cancer - Mumbai (2001-2003)*Age Adjusted Rates given in parentheses***Males****Females**

TABLE 2.7: Ten Leading Sites of Cancer - Ahmedabad district (other than Ahmedabad urban) (2004)

Number of Cases, Relative Proportion (%), Crude Rate (CR), Age Adjusted Rate (AAR) and Truncated Rate (TR)

Males

Sl.No.	Leading Sites	No. of Cases	%	CR	AAR	TR
1	Tongue	44	10.5	5.2	7.0	15.2
2	Mouth	44	10.5	5.2	6.5	16.9
3	Lung	32	7.6	3.8	5.5	11.2
4	Hyphopharynx	29	6.9	3.4	5.3	9.6
5	Oesophagus	22	5.2	2.6	3.8	10.2
6	Larynx	17	4.1	2.0	2.8	6.9
7	Tonsil	13	3.1	1.5	2.1	4.2
8	Pharynx uns.	11	2.6	1.3	1.9	4.8
9	Prostate	10	2.4	1.2	2.0	1.2
10	Lymphoid Leuk.	9	2.1	1.1	1.0	0.5
	All Sites	420	100.0	49.4	68.0	131.8

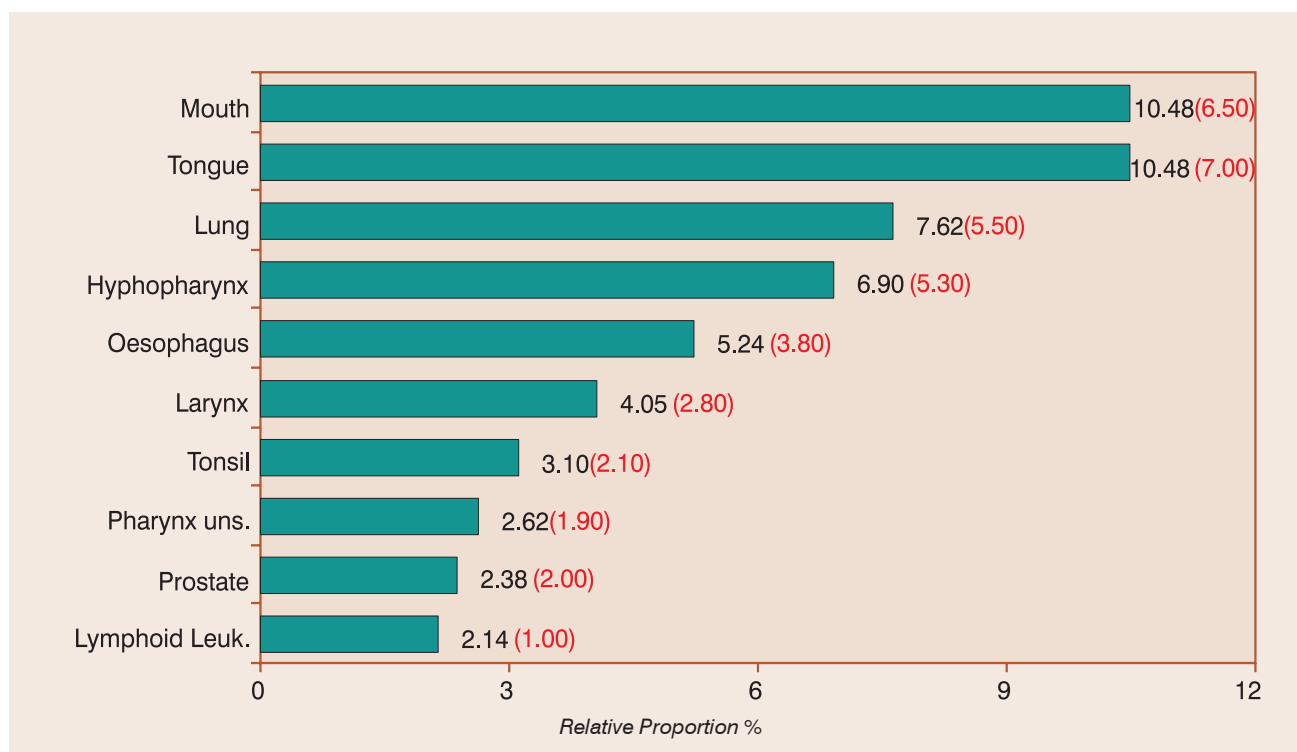
Females

Sl.No.	Leading Sites	No.of Cases	%	CR	AAR	TR
1	Breast	51	19.3	6.6	7.6	15.8
2	Cervix Uteri	38	14.4	4.9	5.5	13.8
3	Ovary	16	6.1	2.1	2.5	5.6
4	Mouth	13	4.9	1.7	2.0	4.1
5	Oesophagus	10	3.8	1.3	1.6	3.6
6	Rectum	7	2.7	0.9	1.1	2.1
7	Brain NS	7	2.7	0.9	1.0	1.2
8	Myeloid Leuk.	7	2.7	0.9	1.0	2.1
9	Lung	6	2.3	0.8	1.0	1.6
10	Bone	6	2.3	0.8	0.7	0.3
	All Sites	264	100.0	34.2	39.8	87.7

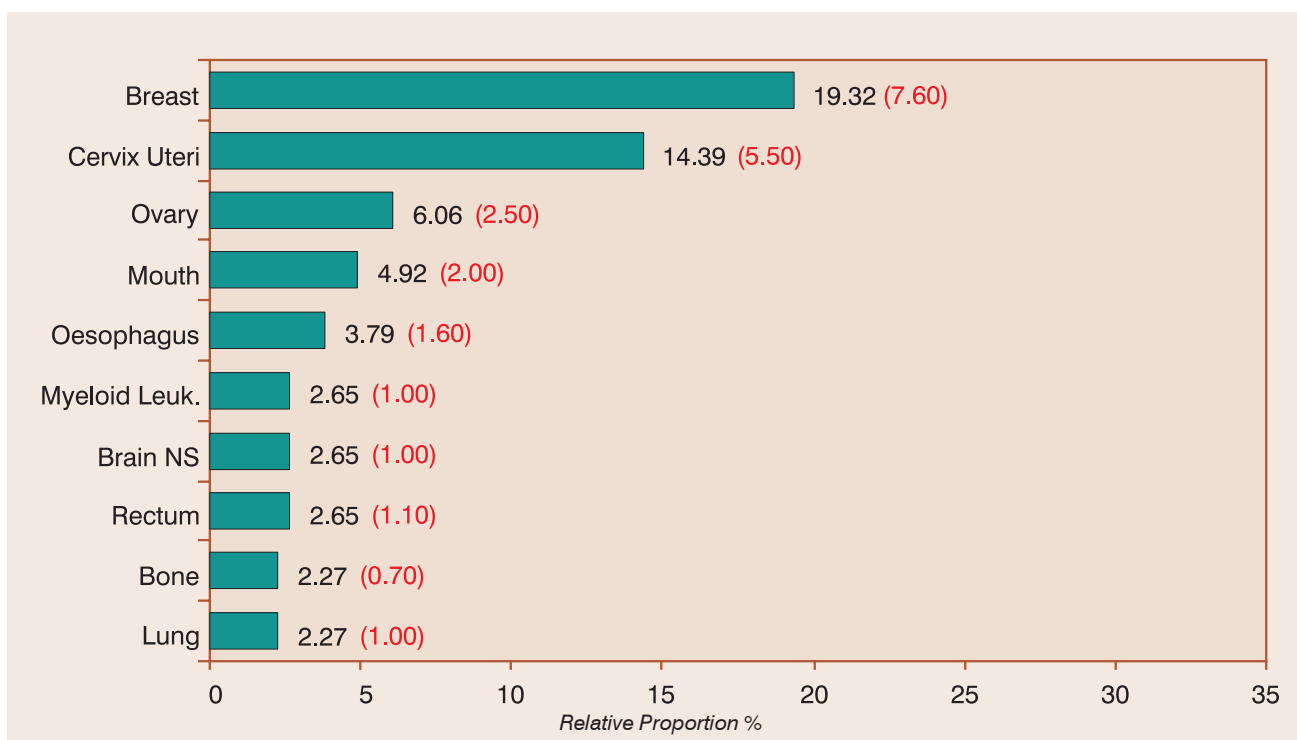
Fig. 2.7 : Ten Leading Sites of Cancer - Ahmedabad district (other than Ahmedabad urban) (2004)

Age Adjusted Rates given in parentheses

Males



Females



Leading sites of cancer in North East PBCRs

The leading sites of cancer in the different North East PBCRs are given in Figures 2.8 (a and b).

Dibrugarh District : In males, oesophagus was the leading site of cancer followed by cancer of hypopharynx, stomach, mouth and lung. In females, cancer of the breast was the leading site followed by cervix uteri, oesophagus, gall bladder and ovary.

Kamrup Urban District : In males, oesophagus was the leading site of cancer followed by hypopharynx, lung, tongue and mouth. In females, breast was the leading site of cancer followed by cancer of the cervix, oesophagus and ovary.

Silchar Town : In males, the first five leading sites of cancer were: larynx, lung, oesophagus, tongue and hypopharynx. In females, the leading sites were: breast, oesophagus, cervix uteri, mouth and gall bladder.

Imphal West District : Lung was the leading site of cancer in both males and females in Imphal west district of Manipur state. They constituted 20.5% of cancers in males and 16.2% of cancers in females. In males, the other leading sites were cancer of the stomach, oesophagus and nasopharynx.

Mizoram State : Cancer of the stomach was the leading site of cancer in males in Mizoram State while it was the third leading site in females. In males, lung was the second leading site of cancer followed by oesophagus, hypopharynx and liver.

In females, the leading sites of cancer was cervix uteri followed by lung.

Sikkim State : In males cancer of the stomach was the leading site followed by oesophagus, liver, larynx and lung. In females, the leading sites of cancer were breast, cervix uteri, oesophagus and lung.

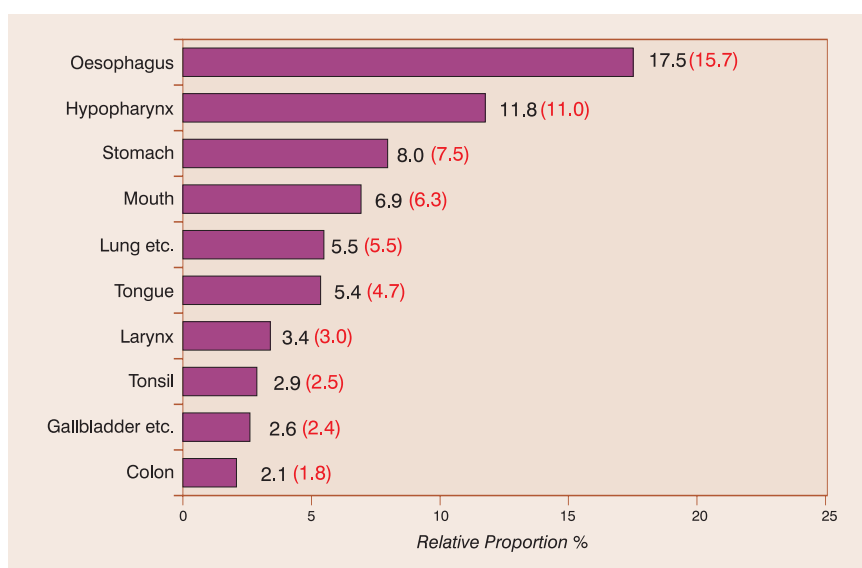
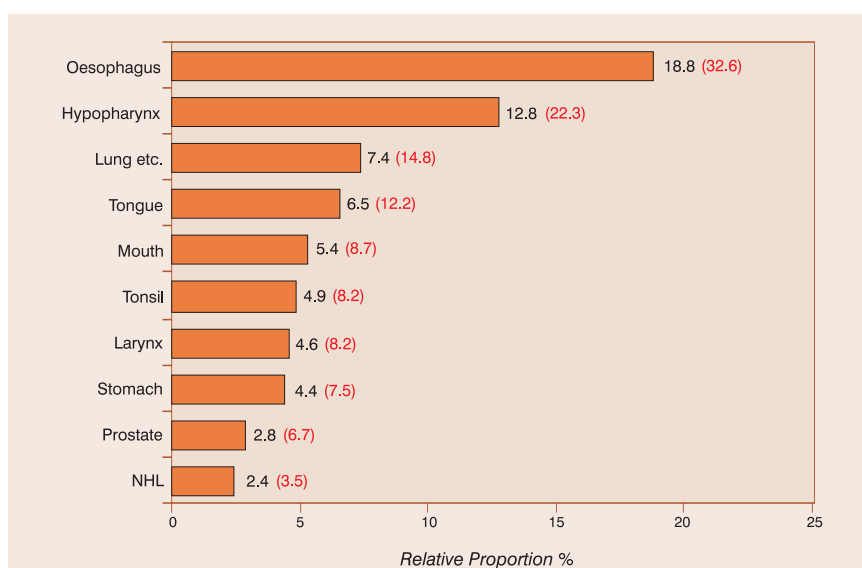
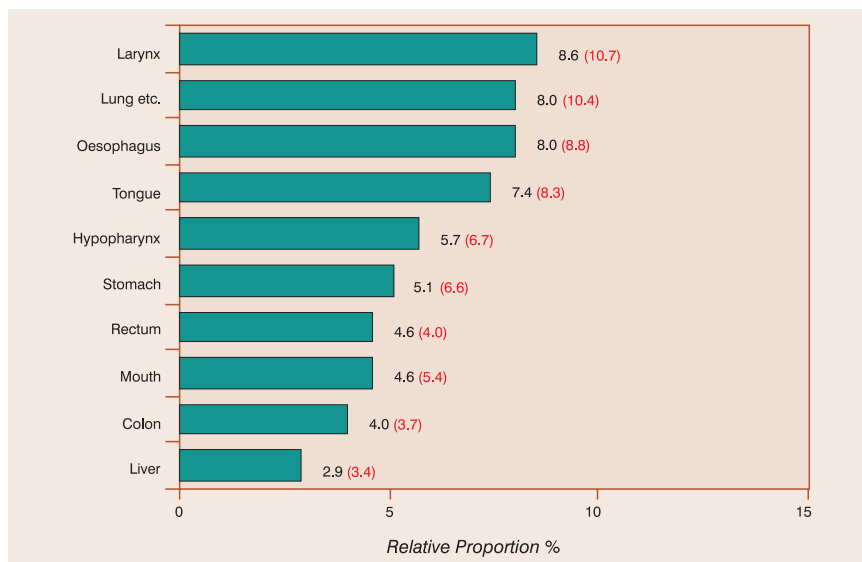
Fig. 2.8 (a) : Ten Leading Sites of Cancer - (2003-2004) – Males in all NE PBCRs*Age Adjusted Rates given in parentheses***Dibrugarh District****Kamrup Urban District****Silchar Town**

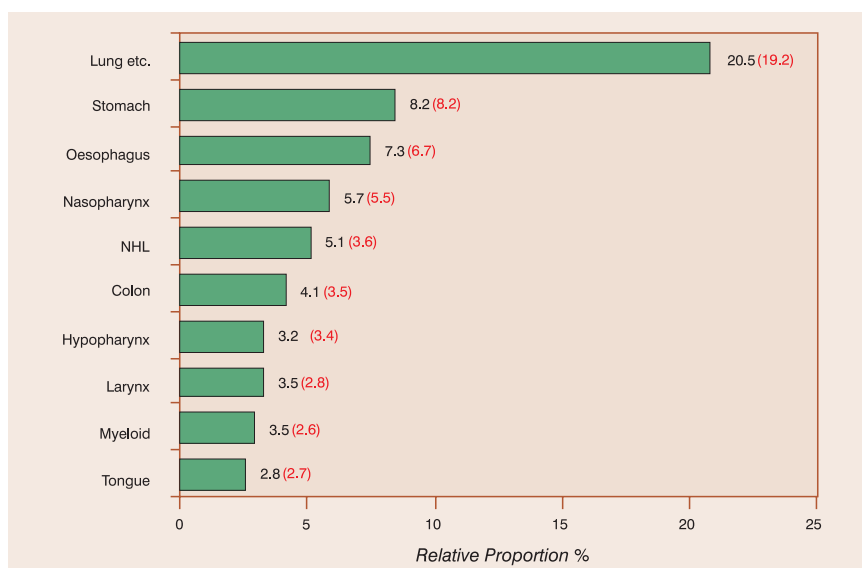
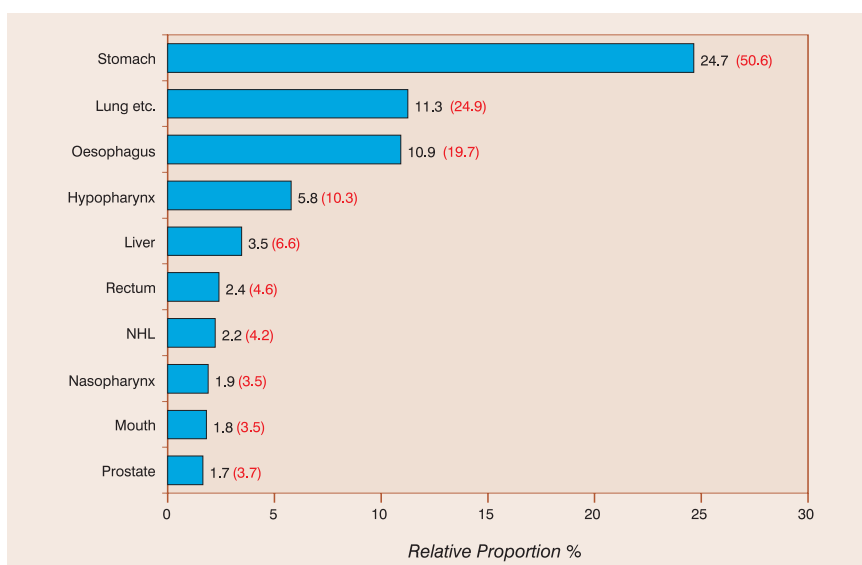
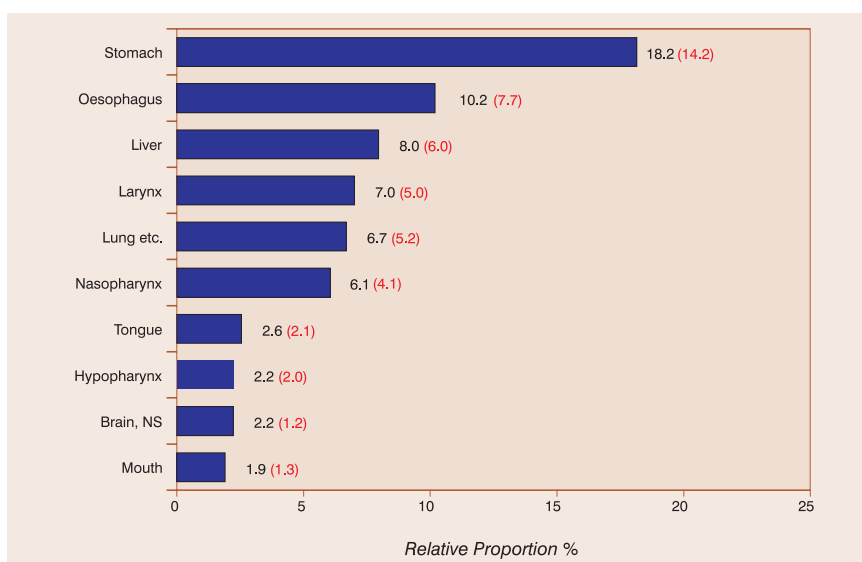
Fig. 2.8 (a) : Ten Leading Sites of Cancer - (2003-2004) – Males in all NE PBCRs (Contd...)*Age Adjusted Rates given in parentheses***Imphal West District****Mizoram State****Sikkim State**

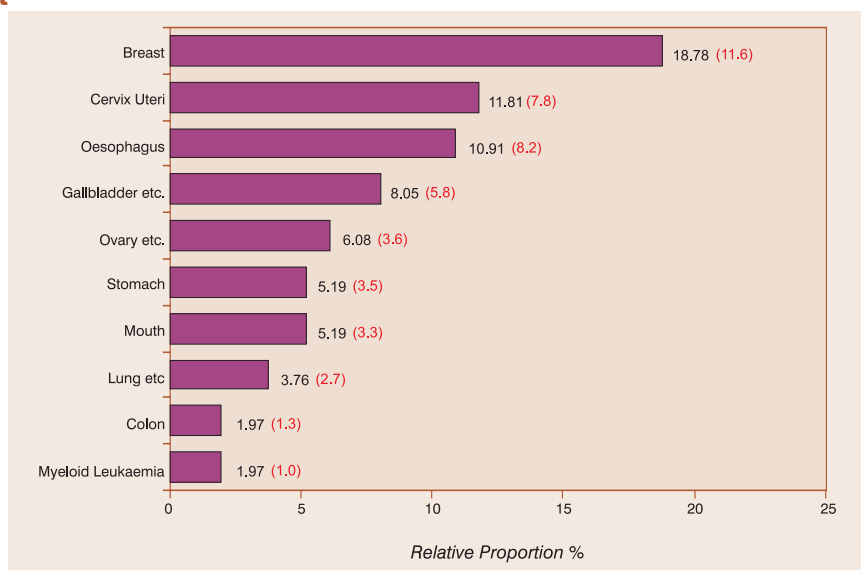
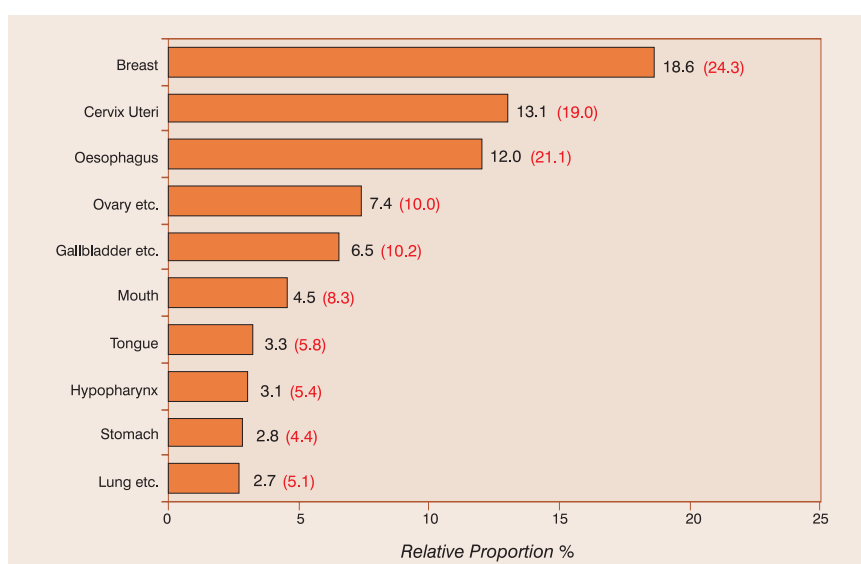
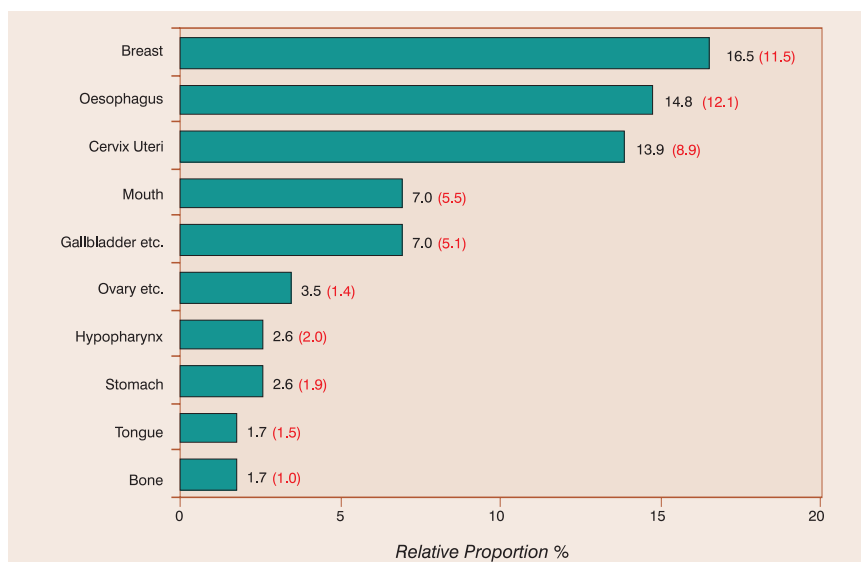
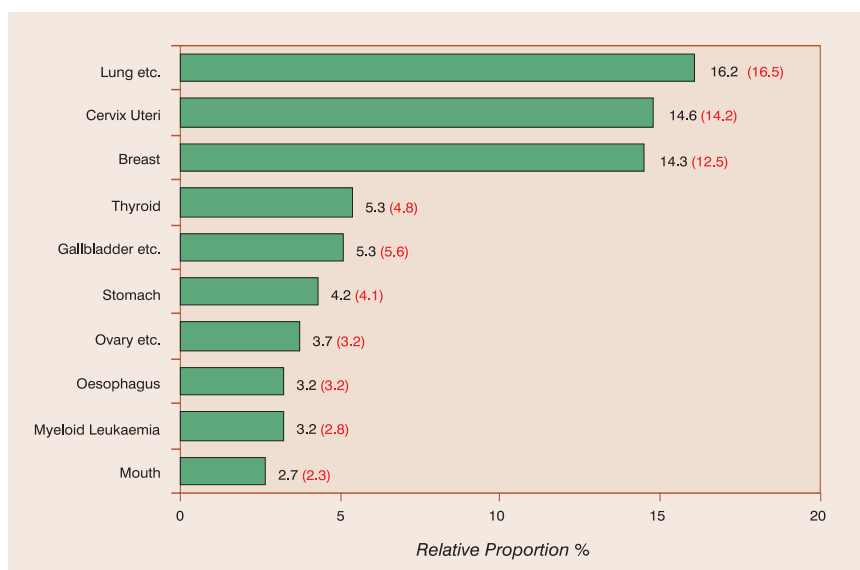
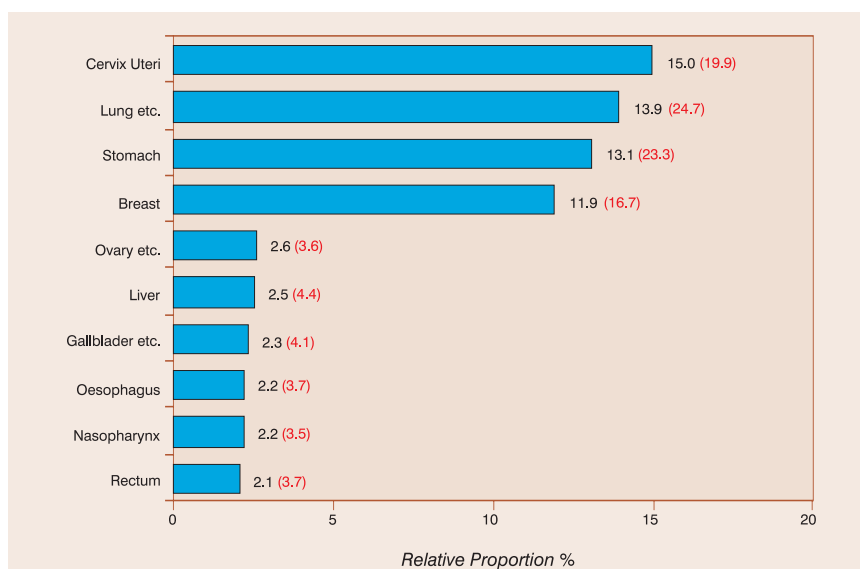
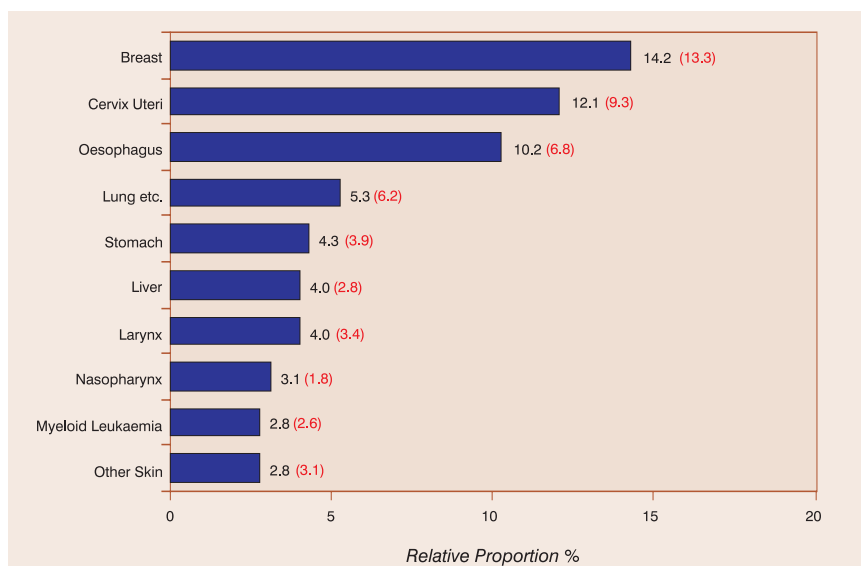
Fig. 2.8 (b) : Ten Leading Sites of Cancer - (2003-2004) – Females in all NE PBCRs*Age Adjusted Rates given in parentheses***Dibrugarh District****Kamrup Urban District****Silchar Town**

Fig. 2.8 (b) : Ten Leading Sites of Cancer - (2003-2004) – Females in all NE PBCRs (Contd...)*Age Adjusted Rates given in parentheses***Imphal West District****Mizoram State****Sikkim State**

Chapter 3

CANCER SITES ASSOCIATED WITH THE USE OF TOBACCO

According to the International Agency for Research on Cancer Monograph (IARC, 1987), sites of cancer that have been associated with the use of tobacco (TRC) include lip, tongue, mouth, pharynx (including oropharynx and hypopharynx), oesophagus, larynx, lung and urinary bladder. Recently, the IARC (IARC, 2004) states, that there was now sufficient evidence to establish a causal association between cigarette smoking and cancer of the nasal cavities and nasal sinuses, oesophagus (adenocarcinoma), stomach, liver, kidney (renal cell carcinoma), uterine cervix and myeloid leukemia apart from the sites in the earlier monograph (IARC, 1987).

Table 3.1 illustrates number and relative proportion of TRCs (IARC 1987) of different PBCRs. Among males, the highest relative proportion (%) of TRC was seen in Ahmedabad district (other than Ahmedabad urban) (51.0%), followed by Bhopal (50.3%), Chennai (41.2%), Mumbai (40.6%), Barshi (39.4%), Delhi (36.9%) and Bangalore (34.7%). In females, the relative proportion (%) of TRC ranged from 10.1% in Delhi to 16.8% in Chennai. The number and proportion of tobacco related cancers relative to all sites of cancer is tabulated (as per IARC, 1987) and provided under Table 3.2. Figure 3.1 illustrates the proportion of TRCs relative to all sites.

TABLE 3.1: Number(#) & Relative Proportion(%) of TRCs (IARC 1987)

Registry	Males TRCs		Females TRCs	
	#	%	#	%
Bangalore	2119	34.7	1172	16.2
Barshi	125	39.4	48	13.5
Bhopal	803	50.3	208	14.8
Chennai	2559	41.2	1033	16.8
Delhi	5951	36.9	1516	10.1
Mumbai	5570	40.6	2072	15.0
Ahmedabad*	214	51.0	44	16.7

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

Table 3.3 and figure 3.2 illustrate number and proportion of specific sites of cancer among all tobacco related cancers. In males, lung was the leading site in all the registries contributing to 20.2% - 28.6% of all

TABLE 3.2: Number(#) & Proportion(%) of Tobacco Related Cancers (TRCs) relative to all sites of cancer (Males & Females)

Site of Cancer	Bangalore		Barshi		Bhopal		Chennai		Delhi		Mumbai		Ahmedabad*	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Males														
Lip	6	0.10	2	0.63	11	0.69	14	0.23	31	0.19	55	0.40	1	0.24
Tongue	223	3.65	9	2.84	151	9.47	311	5.00	876	5.44	674	4.91	44	10.48
Mouth	176	2.88	22	6.94	132	8.28	351	5.65	541	3.36	1056	7.69	44	10.48
Oropharynx	61	1.00	4	1.26	10	0.63	74	1.19	113	0.70	91	0.66	6	1.43
Hypopharynx	261	4.27	23	7.26	88	5.52	251	4.04	320	1.99	448	3.26	29	6.90
Pharynx Unsp.	55	0.90	0	0.00	6	0.38	42	0.68	51	0.32	91	0.66	11	2.62
Oesophagus	453	7.41	33	10.41	107	6.71	473	7.61	605	3.75	787	5.73	22	5.24
Larynx	200	3.27	11	3.47	74	4.64	253	4.07	946	5.87	792	5.77	17	4.05
Lung	497	8.13	15	4.73	177	11.10	624	10.04	1699	10.54	1125	8.20	32	7.62
Bladder	187	3.06	6	1.89	47	2.95	166	2.67	769	4.77	451	3.29	8	1.90
TRC	2119	34.67	125	39.43	803	50.34	2559	41.18	5951	36.94	5570	40.58	214	50.95
All Sites	6112	100.00	317	100.00	1595	100.00	6214	100.00	16112	100.00	13727	100.00	420	100.00
Females														
Lip	6	0.08	0	0.00	0	0.00	7	0.10	18	0.12	38	0.28	1	0.38
Tongue	65	0.90	0	0.00	40	2.84	107	1.60	222	1.48	239	1.73	4	1.52
Mouth	330	4.55	14	3.93	71	5.04	284	4.25	194	1.29	465	3.37	13	4.92
Oropharynx	8	0.11	0	0.00	1	0.07	7	0.10	13	0.09	20	0.15	0	0.00
Hypopharynx	75	1.03	7	1.97	8	0.57	107	1.60	64	0.43	118	0.86	5	1.89
Pharynx Unsp.	16	0.22	0	0.00	0	0.00	19	0.28	10	0.07	26	0.19	4	1.52
Oesophagus	428	5.91	16	4.49	51	3.62	250	3.74	360	2.39	558	4.05	10	3.79
Larynx	31	0.43	4	1.12	5	0.35	33	0.49	117	0.78	86	0.62	0	0.00
Lung etc.	168	2.32	5	1.40	25	1.77	166	2.48	365	2.43	411	2.98	6	2.27
Bladder	45	0.62	2	0.56	7	0.50	53	0.79	153	1.02	111	0.80	1	0.38
TRC	1172	16.17	48	13.48	208	14.76	1033	16.78	1516	10.08	2072	15.02	44	16.67
All Sites	7247	100.00	356	100.00	1409	100.00	6689	100.00	15044	100.00	13792	100.00	264	100.00

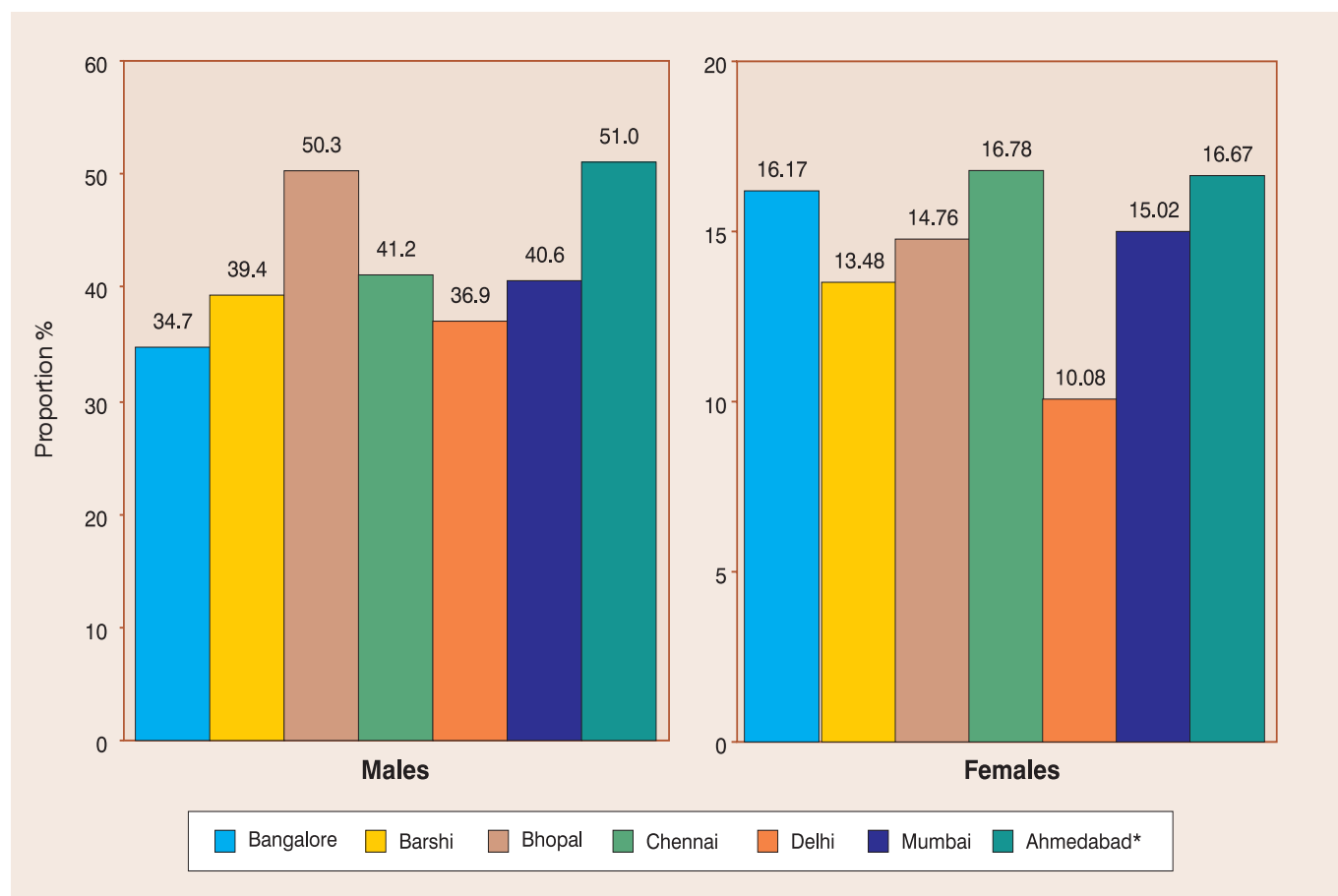
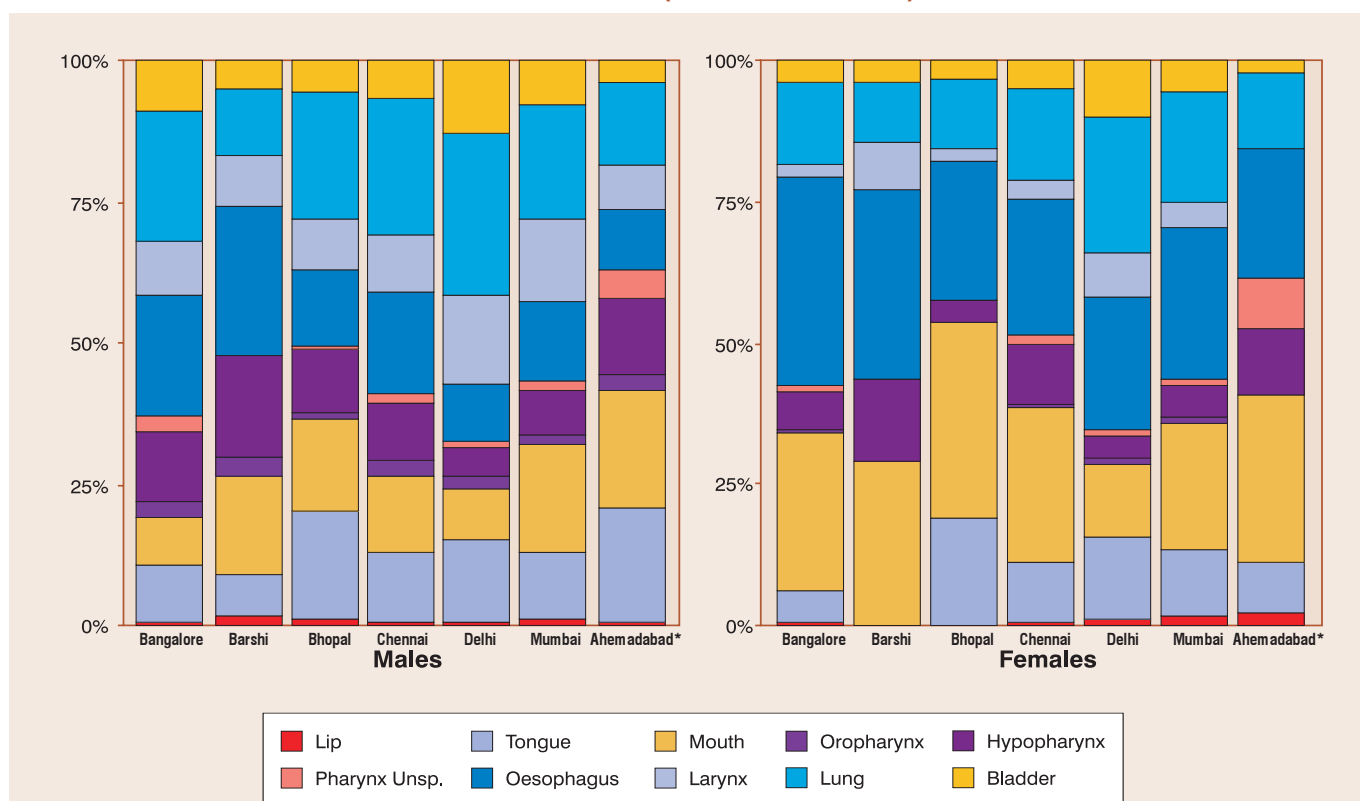
* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

TRCs except Barshi (12%) and Ahmedabad district (other than Ahmedabad urban) (15%). In Barshi, the leading site was oesophagus (26.4%) and in Ahmedabad district (other than Ahmedabad urban), mouth and tongue were the leading sites contributing 41% of the total TRCs. Further, the four leading sites lung, oesophagus, mouth and tongue contributed almost 62.5% in Delhi to 70.6% in Bhopal of the total TRCs in different registries in males. In females, the three leading sites were oesophagus, mouth and lung that contributed 60.6% in Delhi to 79.0% in Bangalore of all the TRCs.

TABLE 3.3 : Number(#) & Proportion(%) of specific sites of cancer among all Tobacco Related Cancers (TRC)

Site of Cancer	Bangalore		Barshi		Bhopal		Chennai		Delhi		Mumbai		Ahmedabad*	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Males														
Lip	6	0.28	2	1.60	11	1.37	14	0.55	31	0.52	55	0.99	1	0.47
Tongue	223	10.52	9	7.20	151	18.80	311	12.15	876	14.72	674	12.10	44	20.56
Mouth	176	8.31	22	17.60	132	16.44	351	13.72	541	9.09	1056	18.96	44	20.56
Oropharynx	61	2.88	4	3.20	10	1.25	74	2.89	113	1.90	91	1.63	6	2.80
Hypopharynx	261	12.32	23	18.40	88	10.96	251	9.81	320	5.38	448	8.04	29	13.55
Pharynx Unsp.	55	2.60	0	0.00	6	0.75	42	1.64	51	0.86	91	1.63	11	5.14
Oesophagus	453	21.38	33	26.40	107	13.33	473	18.48	605	10.17	787	14.13	22	10.28
Larynx	200	9.44	11	8.80	74	9.22	253	9.89	946	15.90	792	14.22	17	7.94
Lung	497	23.45	15	12.00	177	22.04	624	24.38	1699	28.55	1125	20.20	32	14.95
Bladder	187	8.82	6	4.80	47	5.85	166	6.49	769	12.92	451	8.10	8	3.74
TRC	2119	100.00	125	100.00	803	100.00	2559	100.00	5951	100.00	5570	100.00	214	100.00
Females														
Lip	6	0.51	0	0.00	0	0.00	7	0.68	18	1.19	38	1.83	1	2.27
Tongue	65	5.55	0	0.00	40	19.23	107	10.36	222	14.64	239	11.53	4	9.09
Mouth	330	28.16	14	29.17	71	34.13	284	27.49	194	12.80	465	22.44	13	29.55
Oropharynx	8	0.68	0	0.00	1	0.48	7	0.68	13	0.86	20	0.97	0	0.00
Hypopharynx	75	6.40	7	14.58	8	3.85	107	10.36	64	4.22	118	5.69	5	11.36
Pharynx Unsp.	16	1.37	0	0.00	0	0.00	19	1.84	10	0.66	26	1.25	4	9.09
Oesophagus	428	36.52	16	33.33	51	24.52	250	24.20	360	23.75	558	26.93	10	22.73
Larynx	31	2.65	4	8.33	5	2.40	33	3.19	117	7.72	86	4.15	0	0.00
Lung etc.	168	14.33	5	10.42	25	12.02	166	16.07	365	24.08	411	19.84	6	13.64
Bladder	45	3.84	2	4.17	7	3.37	53	5.13	153	10.09	111	5.36	1	2.27
TRC	1172	100.00	48	100.00	208	100.00	1033	100.00	1516	100.00	2072	100.00	44	100.00

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

Fig. 3.1: Number(#) & Proportion(%) of Tobacco Related Cancers (TRCs) Relative to All Sites of Cancers (Males & Females)**Fig. 3.2: Number(#) & Proportion(%) of Tobacco Related Cancers (TRCs) among all Tobacco Related Sites (Males & Females)**

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

Chapter 4

BASIS OF DIAGNOSIS

Table 4.1 provides the number and relative proportion of cancers based on different methods of diagnosis. In males, Bhopal registry (87.3%) had the highest proportion of cases diagnosed microscopically followed by Barshi (86.1%), Mumbai (84.4%), Bangalore (83.3%), Delhi (83.2%), Chennai (77.4%) and Ahmedabad district (other than Ahmedabad urban) (76.4%). Cases observed through death certificate only (DCO) ranged from 0.3% in Barshi to 9.8% in Ahmedabad. Clinically diagnosed cases ranged from 1.8% in Bhopal to 12.7% in Delhi. In females, Bhopal (89.4%) had the highest proportion of cancer cases confirmed microscopically followed by Barshi (89.0%), Bangalore (87.2%), Mumbai (85.8%), Chennai (83.6%), Delhi (81.5%) and Ahmedabad district (other than Ahmedabad urban) (75.4%). Cases obtained through DCO ranged from 0.8% in Barshi to 12.5% in Ahmedabad district (other than Ahmedabad urban). Clinically diagnosed cases ranged from 2.3% in Bhopal to 15.2% in Delhi.

TABLE 4.1: Number (#) & Relative Proportion (%) of cancers based on different methods of diagnosis

Registries	Microscopic		X-ray		Clinical		Others		DCO		Total	
	#	%	#	%	#	%	#	%	#	%	#	%
Males												
Bangalore	5094	83.3	64	1.0	482	7.9	6	0.1	466	7.6	6112	100.0
Barshi	273	86.1	11	3.5	17	5.4	15	4.7	1	0.3	317	100.0
Bhopal	1392	87.3	87	5.5	28	1.8	35	2.2	53	3.3	1595	100.0
Chennai	4809	77.4	141	2.3	274	4.4	827	13.3	163	2.6	6214	100.0
Delhi	13401	83.2	217	1.3	2044	12.7	226	1.4	224	1.4	16112	100.0
Mumbai	11592	84.4	181	1.3	1012	7.4	9	0.1	933	6.8	13727	100.0
Ahmedabad*	321	76.4	12	2.9	24	5.7	22	5.2	41	9.8	420	100.0
Females												
Bangalore	6318	87.2	39	0.5	484	6.7	9	0.1	397	5.5	7247	100.0
Barshi	317	89.0	8	2.2	21	5.9	7	2.0	3	0.8	356	100.0
Bhopal	1259	89.4	48	3.4	32	2.3	19	1.3	51	3.6	1409	100.0
Chennai	5594	83.6	36	0.5	401	6.0	491	7.3	167	2.5	6689	100.0
Delhi	12266	81.5	125	0.8	2283	15.2	199	1.3	171	1.1	15044	100.0
Mumbai	11839	85.8	99	0.7	988	7.2	7	0.1	859	6.2	13792	100.0
Ahmedabad*	199	75.4	6	2.3	14	5.3	12	4.5	33	12.5	264	100.0

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

Fig. 4.1(a) : Relative Proportion (%) of cancers based on different methods of diagnosis
Males

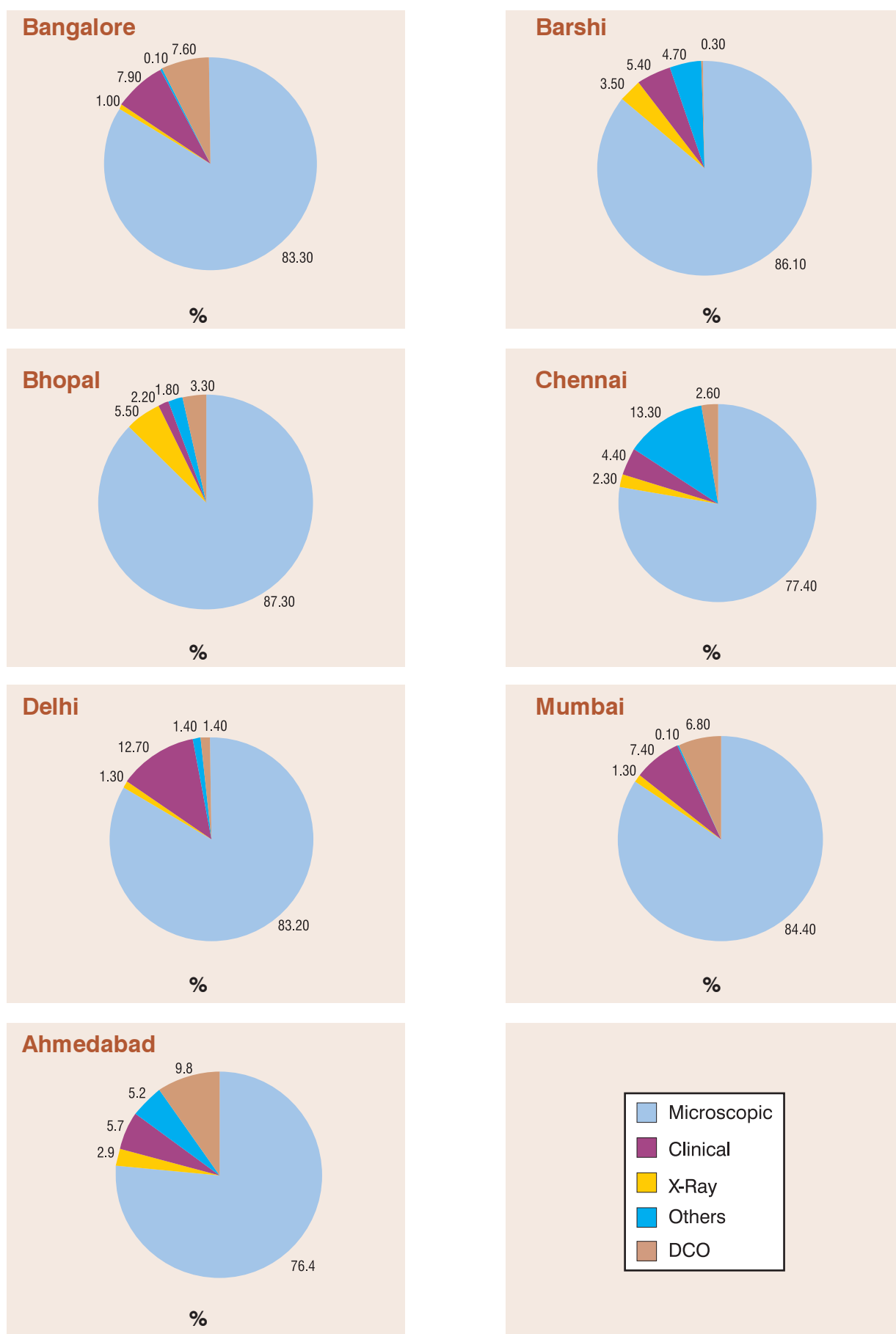


Fig. 4.1(b) : Relative Proportion (%) of cancers based on different methods of diagnosis
Females

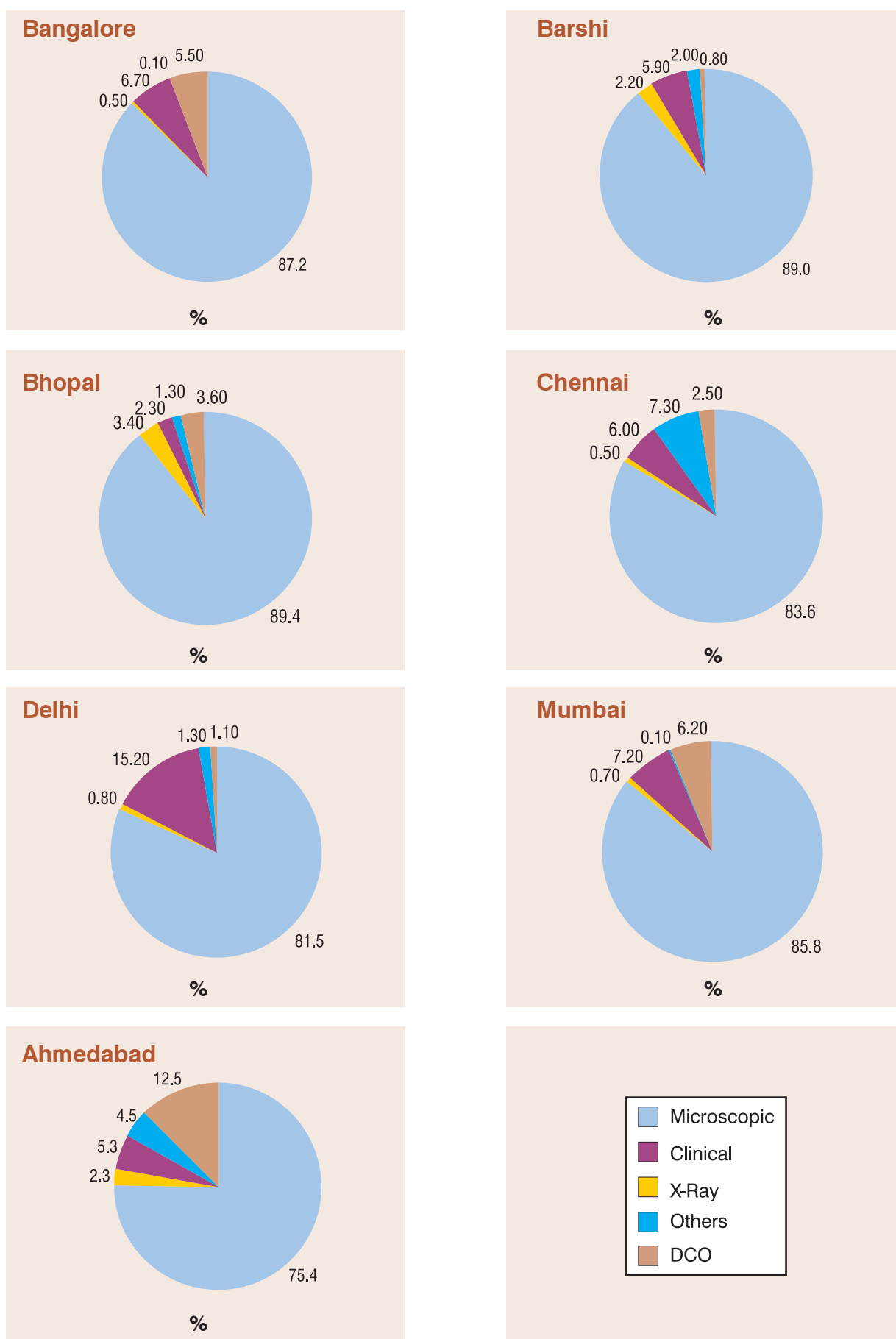


TABLE 4.2: Number (#) & Relative Proportion (%) of cancers based on different types of Microscopic Diagnosis

Site of Cancer	Bangalore		Barshi		Bhopal		Chennai		Delhi		Mumbai		Ahmedabad*	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Males														
Primary Hist.	3977	65.1	207	65.3	1115	69.9	4222	67.9	9728	60.4	9681	70.5	268	63.8
Sec. Histology	125	2.0	16	5.0	56	3.5	172	2.8	411	2.6	646	4.7	9	2.1
Cytology	656	10.7	28	8.8	140	8.8	100	1.6	1819	11.3	602	4.4	24	5.7
Blood Film	16	0.3	2	0.6	63	3.9	1	0.0	2	0.0	98	0.7	1	0.2
Bone Marrow	320	5.2	20	6.3	18	1.1	314	5.1	1441	8.9	565	4.1	19	4.5
Total	6112	100.0	317	100.0	1595	100.0	6214	100.0	16112	100.0	13727	100.0	420	100.0
Females														
Primary Hist.	5375	74.2	267	75.0	1074	76.2	5066	75.7	8528	56.7	10465	75.9	168	63.6
Sec. Histology	107	1.5	8	2.2	25	1.8	103	1.5	238	1.6	446	3.2	3	1.1
Cytology	587	8.1	33	9.3	108	7.7	219	3.3	2746	18.3	510	3.7	15	5.7
Blood Film	27	0.4	0	0.0	37	2.6	1	0.0	1	0.0	50	0.4	1	0.4
Bone Marrow	222	3.1	9	2.5	15	1.1	205	3.1	753	5.0	368	2.7	12	4.5
Total	7247	100.0	356	100.0	1409	100.0	6689	100.0	15044	100.0	13792	100.0	264	100.0

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

Table 4.2 illustrates the proportion of different types of microscopic diagnosis. Among the cancers diagnosed microscopically, primary histology constituted 60.4% in Delhi to 70.5% in Mumbai. Cancers diagnosed by cytology ranged from 1.6% in Chennai to 11.3% in Delhi. In females, the percentage of cases diagnosed by primary histology varied from 56.7% in Delhi to 76.2% in Bhopal. The percentage of cases diagnosed by cytology varied from 3.3% in Chennai to 18.3% in Delhi.

The relative proportion (%) of cancers based on different methods of diagnosis are represented in fig 4.1 (a & b) and fig.4.2 (a & b) shows the relative proportion (%) of different types of microscopic diagnosis.

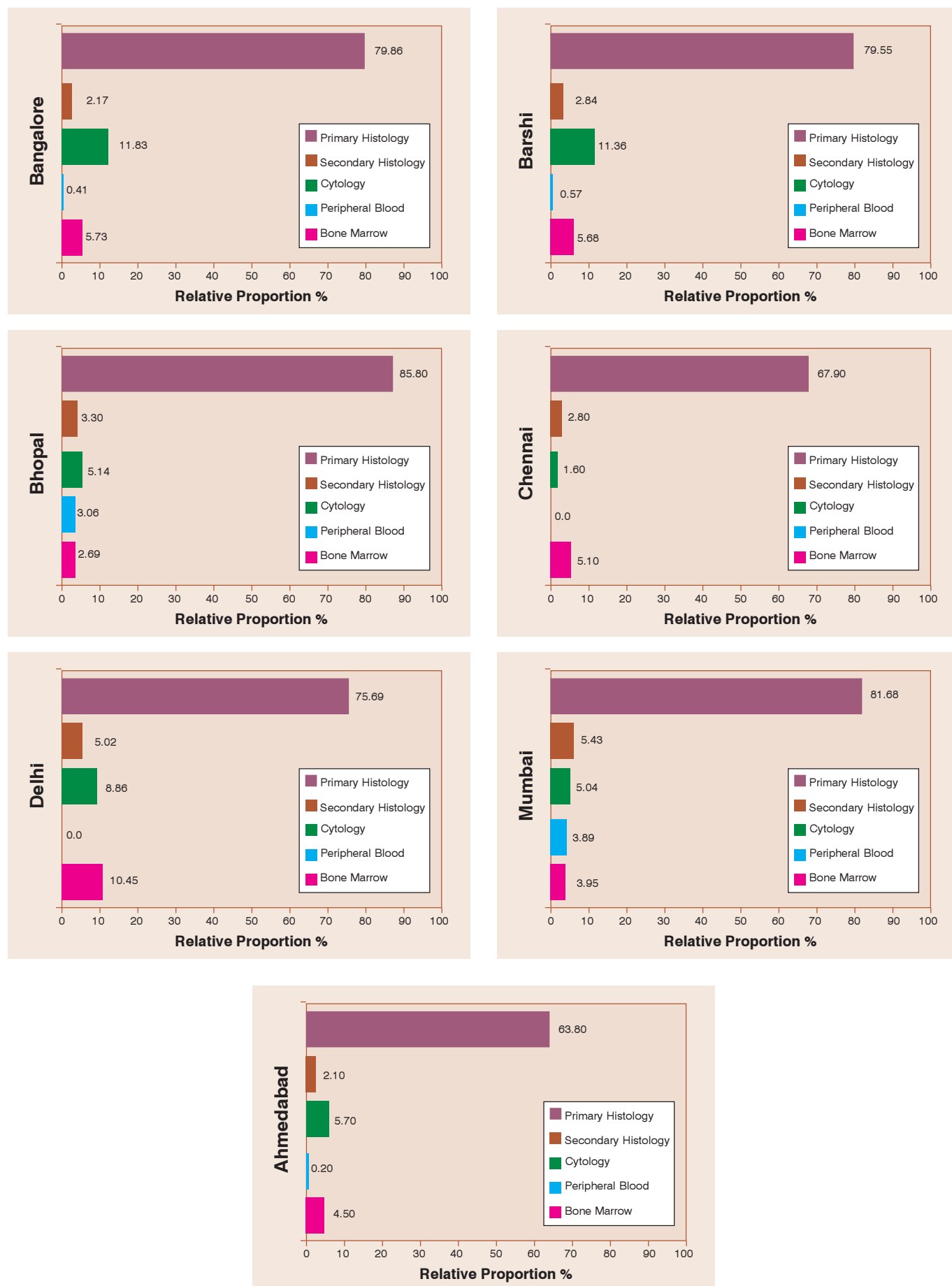
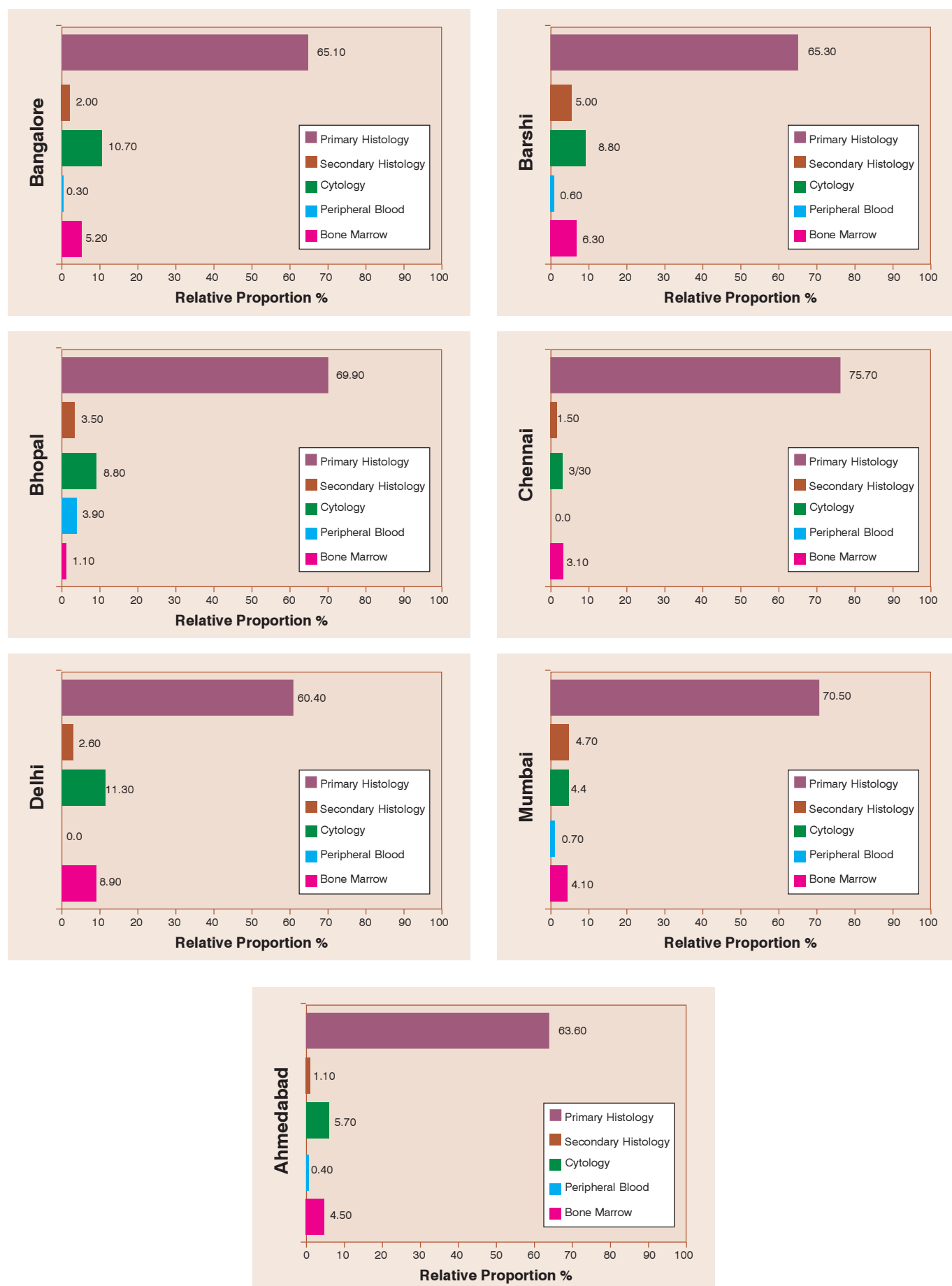
Fig. 4.2(a): Relative Proportion (%) of cancers based on different types of Microscopic Diagnosis**Males**

Fig. 4.2(b) : Relative Proportion (%) of cancers based on different types of Microscopic Diagnosis
Females



Chapter 5

CANCER MORTALITY

Table 5.1 shows the incidence cases, mortality cases and mortality incidence percent (M/I%) of all sites of cancer in the seven registries. The M/I% was found to be highest in Barshi (78.5%) followed by Mumbai (51.1%), Ahmedabad district (other than Ahmedabad urban) (50.0%), Chennai (42.0%), Bangalore (36.5%), Bhopal (29.3%) and Delhi (12.6%).

In females M/I% was found to be highest in Barshi (73.0%), followed by Mumbai (44.3%), Ahmedabad district (other than Ahmedabad urban) (36.0%), Chennai (31.4%), Bangalore (26.4%), Bhopal (25.6%) and Delhi (9.3%) .

Crude mortality rate (CMR), age adjusted mortality rate (AAMR) and truncated mortality rate (TMR) per 100,000 population are shown in table 5.2. Crude mortality rate was highest in Chennai (38.6) followed by Mumbai (34.4), Barshi (31.9), Ahmedabad district (other than Ahmedabad urban) (24.7), Bangalore (23.7), Bhopal (18.1) and Delhi (9.0).

Similarly, in females the highest CMR was observed in Barshi (36.1), followed by Mumbai (34.4), Chennai (32.4), Bangalore (22.4), Bhopal (16.4), Ahmedabad district (other than Ahmedabad urban) (12.3) and Delhi (7.6).

Table 5.3 gives the number of matched deaths, number of DCOs and total deaths. In males, the maximum number of deaths due to cancer were observed for the registry of Mumbai (7009) followed by Chennai (2610), Bangalore (2230), Delhi (2029), Bhopal (467), Barshi (249) and Ahmedabad district (other than Ahmedabad urban) (210). Among these, the percentage of matched deaths for above registries were 79.1%, 99.6%, 88.7%, 93.8%, 89.0%, 86.7% and 80.5% respectively.

Among females, the number of deaths for different registries like Bangalore, Barshi, Bhopal, Chennai, Delhi, Mumbai and Ahmedabad district (other than Ahmedabad urban) were 1912, 260, 360, 2103, 1404, 6114 and 95 respectively. The percentage of matched deaths for above registries were 79.2%, 98.8%, 85.8%, 92.1%, 87.8%, 86.0% and 65.3% respectively.

The age specific mortality rates of seven registries for males and females are portrayed in fig.5.1 (a) and (b).

Fig.5.2 (a) to 5.2 (g) illustrates the age specific incidence and mortality for all sites of cancer, in the seven registries for both genders.

TABLE 5.1: Number of Incident and Mortality cases and Mortality-Incidence Percent (M/I%)

Registry	MALES			FEMALES		
	Incidence	Mortality	M/I%	Incidence	Mortality	M/I%
Bangalore	6112	2230	36.5	7247	1912	26.4
Barshi	317	249	78.5	356	260	73.0
Bhopal	1595	467	29.3	1409	360	25.6
Chennai	6214	2610	42.0	6689	2103	31.4
Delhi	16112	2029	12.6	15044	1404	9.3
Mumbai	13727	7009	51.1	13792	6114	44.3
Ahmedabad*	420	210	50.0	264	95	36.0

TABLE 5.2: Crude (CMR), Age Adjusted (AAMR) and Truncated (TMR) Mortality Rate

Registry	MALES			FEMALES		
	CMR	AAMR	TMR	CMR	AAMR	TMR
Bangalore	23.7	36.0	51.9	22.4	31.7	55.7
Barshi	31.9	34.3	58.0	36.1	37.0	77.9
Bhopal	18.1	30.3	54.3	16.4	23.7	51.3
Chennai	38.6	45.5	83.3	32.4	36.8	76.0
Delhi	9.0	14.4	24.5	7.6	11.1	21.8
Mumbai	34.4	53.4	68.3	34.4	53.4	68.3
Ahmedabad*	24.7	34.3	66.3	12.3	14.4	30.3

TABLE 5.3: Number of Matched Deaths (MD), Number of DCO's and Total Deaths (TD)

Registry	MALES			FEMALES		
	MD	DCO's	TD	MD	DCO's	TD
Bangalore	1764	466	2230	1515	397	1912
Barshi	248	1	249	257	3	260
Bhopal	414	53	467	309	51	360
Chennai	2447	163	2610	1936	167	2103
Delhi	1805	224	2029	1233	171	1404
Mumbai	6076	933	7009	5255	859	6114
Ahmedabad*	169	41	210	62	33	95

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

**TABLE 5.4: Average Annual Age Specific Cancer Mortality rates per 100,000 persons -
All sites of cancer for all PBCRs**

Age in Years	Bangalore	Barshi	Bhopal	Chennai	Delhi	Mumbai	Ahmedabad*
Males							
00-04	1.9	4.9	0.8	2.6	3.3	4.0	2.2
05-09	1.8	5.8	2.5	2.1	2.2	3.7	3.1
10-14	1.4	2.9	1.8	2.0	2.0	4.1	4.2
15-19	2.2	6.0	2.2	2.7	1.9	3.5	4.6
20-24	2.3	6.4	2.7	4.7	2.1	3.8	1.3
25-29	2.4	3.8	1.9	6.9	2.5	3.9	1.5
30-34	4.3	15.8	8.2	8.1	3.9	6.2	7.6
35-39	8.8	14.1	8.2	14.2	4.8	12.6	12.7
40-44	16.4	25.6	22.8	31.9	9.5	21.9	30.3
45-49	34.1	38.4	29.7	51.8	16.3	39.4	60.6
50-54	58.9	53.4	83.3	109.8	31.0	77.1	100.5
55-59	106.7	112.7	112.0	165.1	38.6	125.0	92.8
60-64	133.0	152.9	113.5	196.1	66.4	196.9	140.1
64-70	201.9	155.7	156.4	237.8	69.8	306.8	151.5
70-74	263.6	149.5	177.7	256.8	80.6	419.1	179.9
75+	361.8	245.2	184.1	251.5	76.9	603.9	180.2
Females							
00-04	2.2	4.2	1.4	2.4	1.3	3.2	2.6
05-09	1.2	5.0	2.0	2.2	1.0	2.9	1.2
10-14	1.4	3.3	2.4	3.5	1.5	2.7	0
15-19	2.2	0.0	3.0	2.9	1.3	3.8	2.6
20-24	1.4	3.9	3.6	3.2	1.7	3.2	1.4
25-29	3.2	0.0	3.8	6.5	2.2	5.1	7.7
30-34	5.9	11.5	6.3	8.1	3.6	10.2	9.5
35-39	1.9	27.6	11.5	24.0	5.8	19.7	8.8
40-44	25.9	40.6	33.6	38.7	13.7	37.9	23.8
45-49	40.1	83.6	47.4	69.2	17.9	64.4	37.2
50-54	76.1	119.6	76.5	93.6	30.9	91.4	48.9
55-59	101.7	105.8	91.5	128.7	35.0	136.1	47.3
60-64	117.0	120.5	72.0	145.1	39.2	167.3	22
64-70	172.7	158.1	62.5	141.4	43.8	217.1	30.6
70-74	169.6	146.7	107.8	178.5	57.9	293.1	58.3
75+	222.9	144.5	95.1	152.7	40.1	406.6	48.7

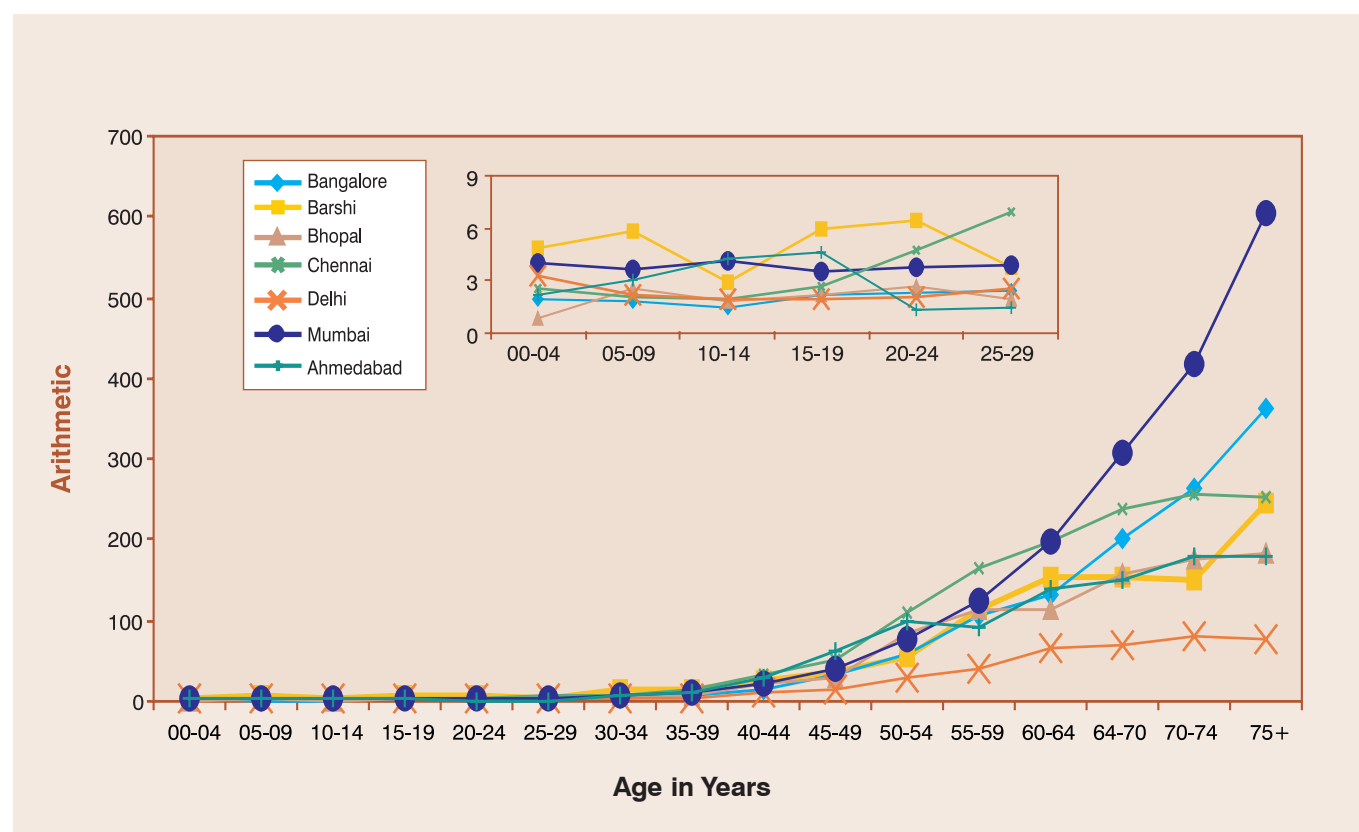
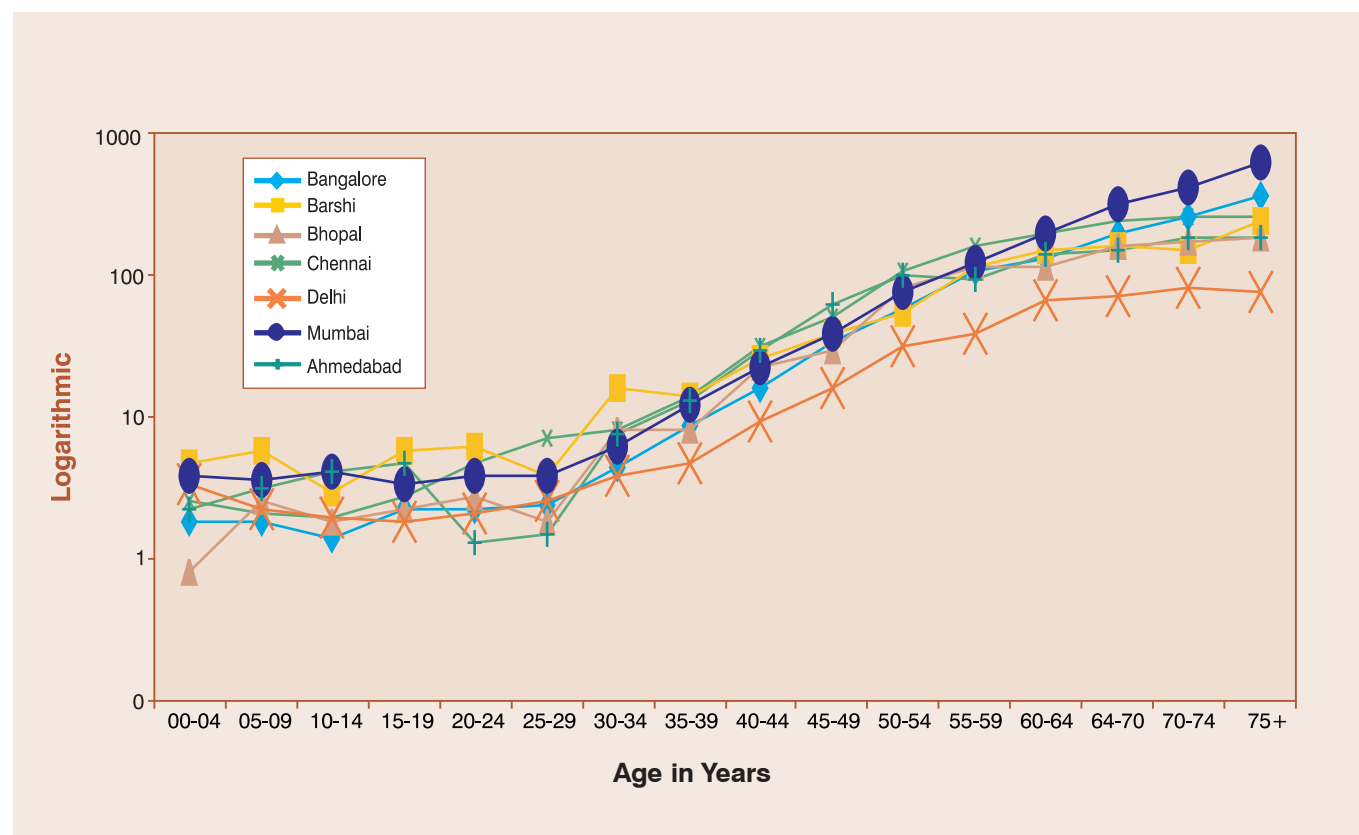
* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

TABLE 5.5: Average Annual Age Specific Incidence (I) and Mortality (M) rates per 100,000 persons - All sites of cancer for all PBCRs

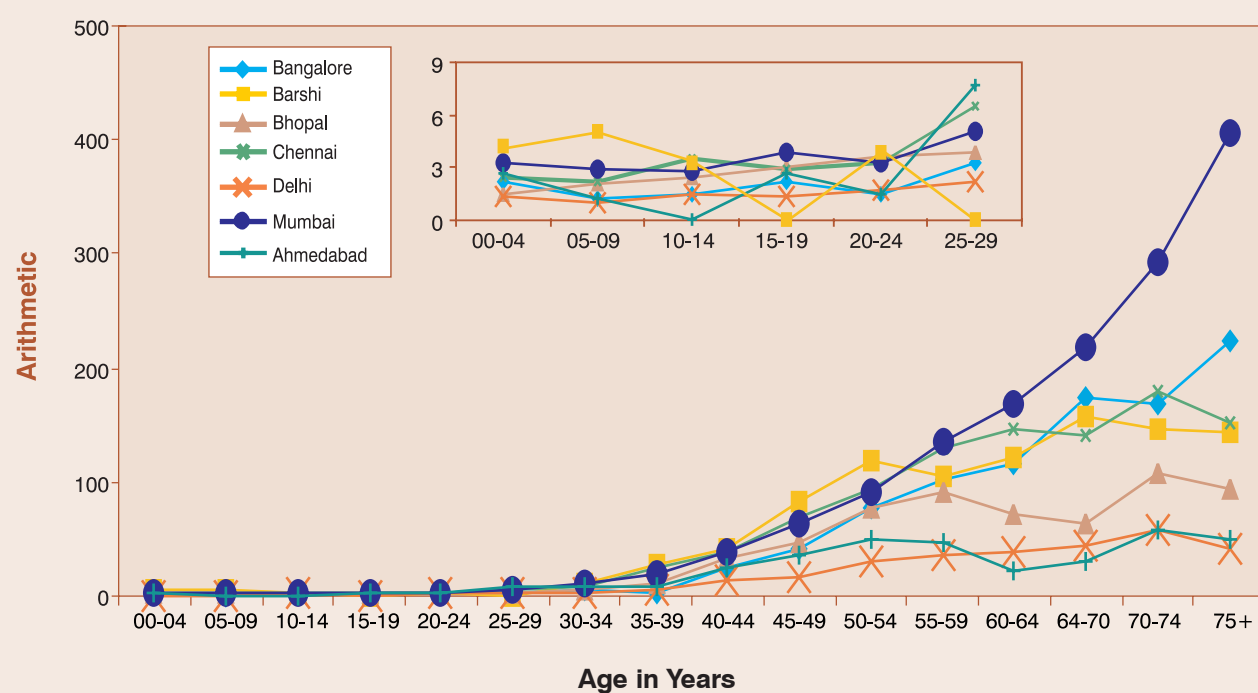
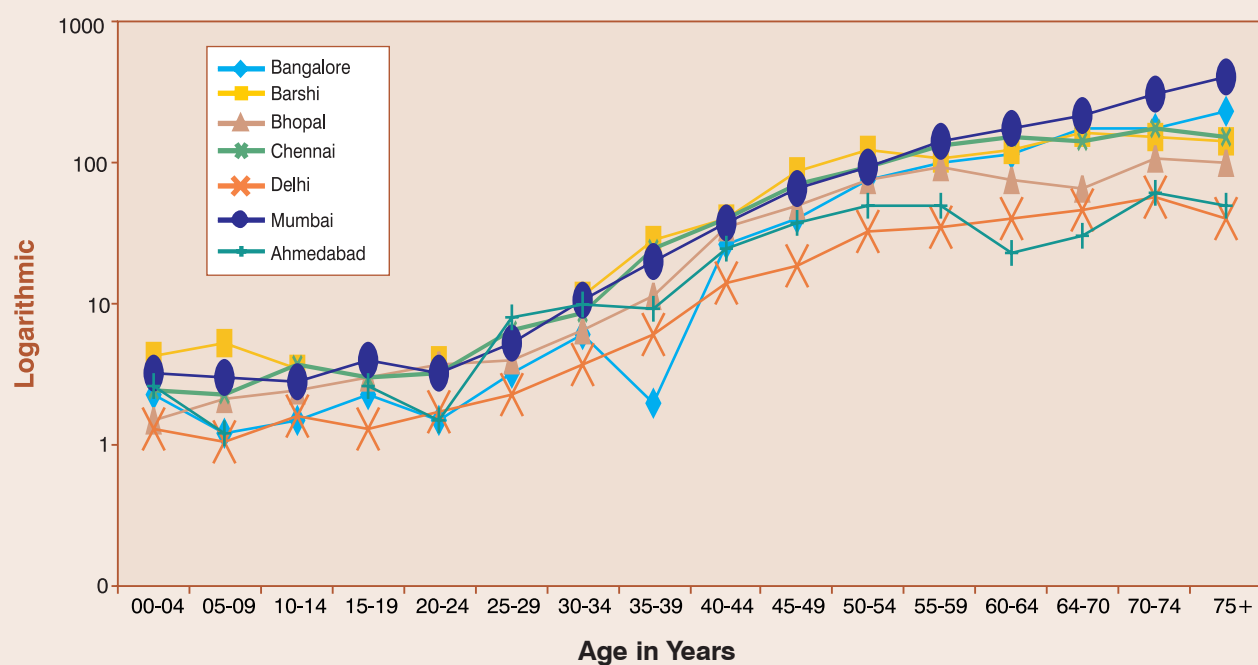
Age in Years	Bangalore		Barshi		Bhopal		Chennai		Delhi		Mumbai		Ahmedabad*	
	I	M	I	M	I	M	I	M	I	M	I	M	I	M
Males														
00-04	8.3	1.9	9.8	4.9	4.2	0.8	15.7	2.6	16.3	3.3	11.3	4.0	3.3	2.2
05-09	9.1	1.8	7.0	5.8	6.5	2.5	16.8	2.1	14.1	2.2	10.2	3.7	5.1	3.1
10-14	8.9	1.4	2.9	2.9	7.2	1.8	12.3	2.0	13.1	2.0	9.8	4.1	7.3	4.2
15-19	8.5	2.2	10.9	6.0	8.8	2.2	11.9	2.7	15.9	1.9	9.7	3.5	10.3	4.6
20-24	9.0	2.3	8.1	6.4	11.4	2.7	14.8	4.7	15.7	2.1	10.0	3.8	7.6	1.3
25-29	11.9	2.4	15.0	3.8	15.0	1.9	22.5	6.9	20.5	2.5	11.6	3.9	5.8	1.5
30-34	18.5	4.3	21.8	15.8	22.1	8.2	34.4	8.1	29.4	3.9	22.2	6.2	15.3	7.6
35-39	29.2	8.8	34.2	14.1	39.9	8.2	43.1	14.2	43.1	4.8	34.8	12.6	27.1	12.7
40-44	54.2	16.4	21.0	25.6	75.5	22.8	84.6	31.9	78.6	9.5	60.9	21.9	70.2	30.3
45-49	89.1	34.1	44.4	38.4	110.8	29.7	127.5	51.8	128.7	16.3	96.5	39.4	101.8	60.6
50-54	175.2	58.9	106.8	53.4	243.9	83.3	241.4	109.8	243.6	31.0	167.3	77.7	198	100.5
55-59	275.7	106.7	107.6	112.7	372.1	112.0	355.7	165.1	339.8	38.6	254.6	125.0	208.8	92.8
60-64	387.4	133.0	197.3	152.9	376.4	113.5	432.7	196.1	535.4	66.4	371.2	196.9	266.2	140.1
64-70	533.9	201.9	176.0	155.7	536.1	156.4	532.3	237.8	567.9	69.8	532.7	306.8	351.1	151.5
70-74	659.6	263.6	255.5	149.5	639.6	177.7	521.5	256.8	658.2	80.6	685.3	419.1	331.3	179.9
75+	722.7	361.8	182.5	245.2	597.2	184.1	513.8	251.5	591.1	76.9	822.7	603.9	275.5	180.2
Females														
00-04	8.9	2.2	4.2	4.2	6.4	1.4	11.7	2.4	8.5	1.3	9.00	3.2	3.9	2.6
05-09	5.8	1.2	7.6	5.0	5.5	2.0	9.6	2.2	6.2	1.0	7.00	2.9	1.2	1.2
10-14	5.7	1.4	4.4	3.3	4.8	2.4	7.4	3.5	8.1	1.5	7.60	2.7	1.2	0
15-19	6.9	2.2	1.7	0.0	7.3	3.0	11.2	2.9	9.1	1.3	9.70	3.8	3.9	2.6
20-24	9.6	1.4	5.8	3.9	9.3	3.6	11.5	3.2	15.9	1.7	12.00	3.2	8.4	1.4
25-29	18.3	3.2	9.0	0.0	20.8	3.8	24.6	6.5	27.4	2.2	18.40	5.1	15.5	7.7
30-34	34.4	5.9	15.4	11.5	36.5	6.3	46.3	8.1	44.2	3.6	38.00	10.2	25.3	9.5
35-39	69.5	12.9	35.0	27.6	63.8	11.5	86.8	24.0	79.4	5.8	67.10	19.7	38.7	8.8
40-44	131.2	25.5	92.0	40.6	125.5	33.6	155.2	38.7	154.7	13.7	117.60	37.9	69.3	23.8
45-49	189.2	40.1	147.3	83.7	176.8	47.4	222.3	69.2	221.5	17.9	177.90	64.4	127.4	37.2
50-54	296.3	76.1	163.9	119.6	285.1	76.5	323.7	93.6	346.8	30.9	249.20	91.4	115.2	48.9
55-59	283.5	101.7	193.3	105.8	297.9	91.5	389.5	128.7	365.4	35.0	300.30	136.1	81.7	47.3
60-64	441.7	117.0	167.4	120.5	361.8	72.0	432.9	145.1	457.2	39.2	366.70	167.3	101.2	22
64-70	537.4	172.7	182.9	158.1	321.2	62.5	431.0	141.4	440.7	43.8	429.40	217.1	134.8	30.6
70-74	545.9	169.6	146.7	146.7	360.8	107.8	461.3	178.5	454.8	57.9	470.80	293.1	125	58.3
75+	487.2	222.9	94.5	144.5	281.4	95.1	320.1	152.7	344.8	40.1	521.80	406.6	81.1	48.7

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

**Fig. 5.1(a): Average Annual Age specific cancer mortality rates per 100,000 persons
All sites of cancer for all PBCRs - Males**

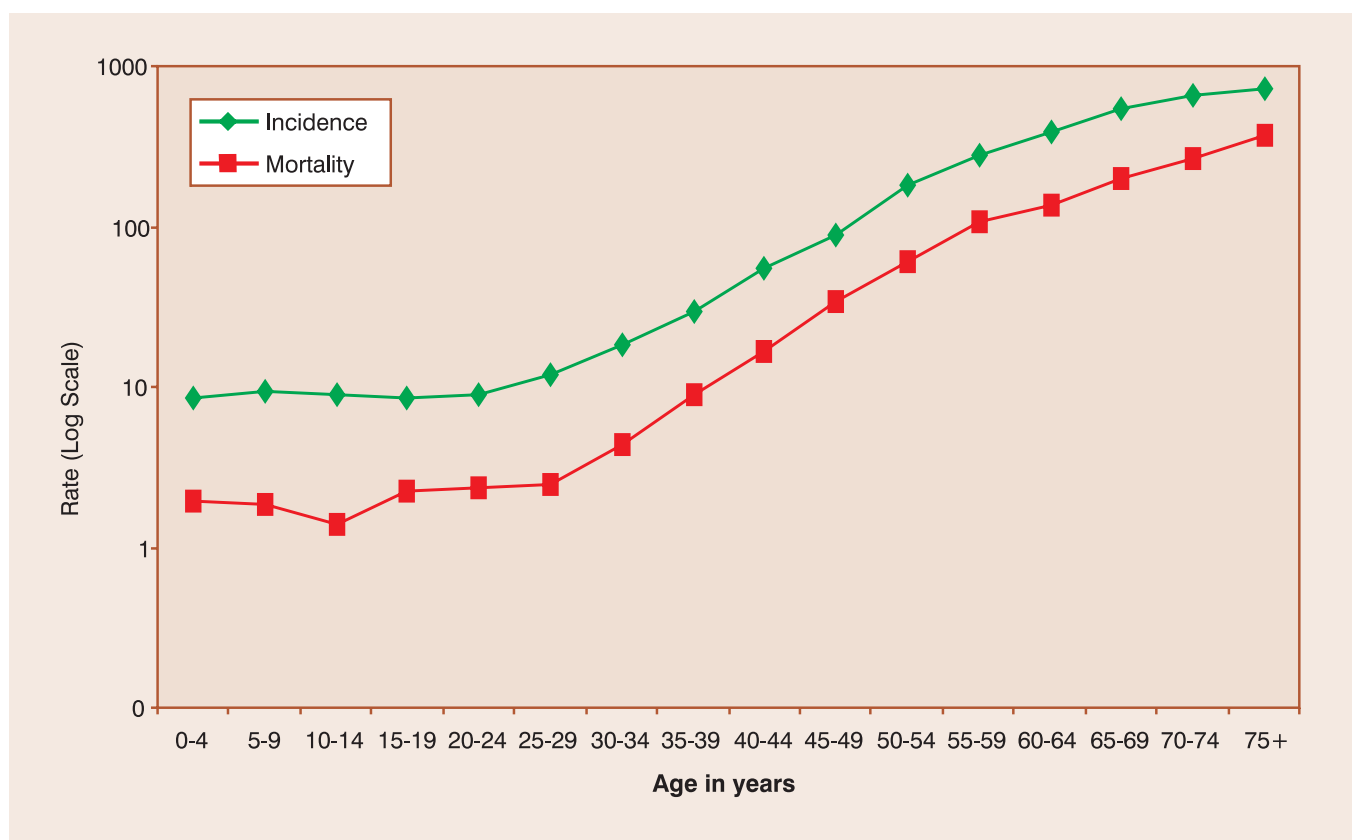


**Fig. 5.1(b): Average Annual Age specific cancer mortality rates per 100,000 persons
All sites of cancer for all PBCRs - Females**

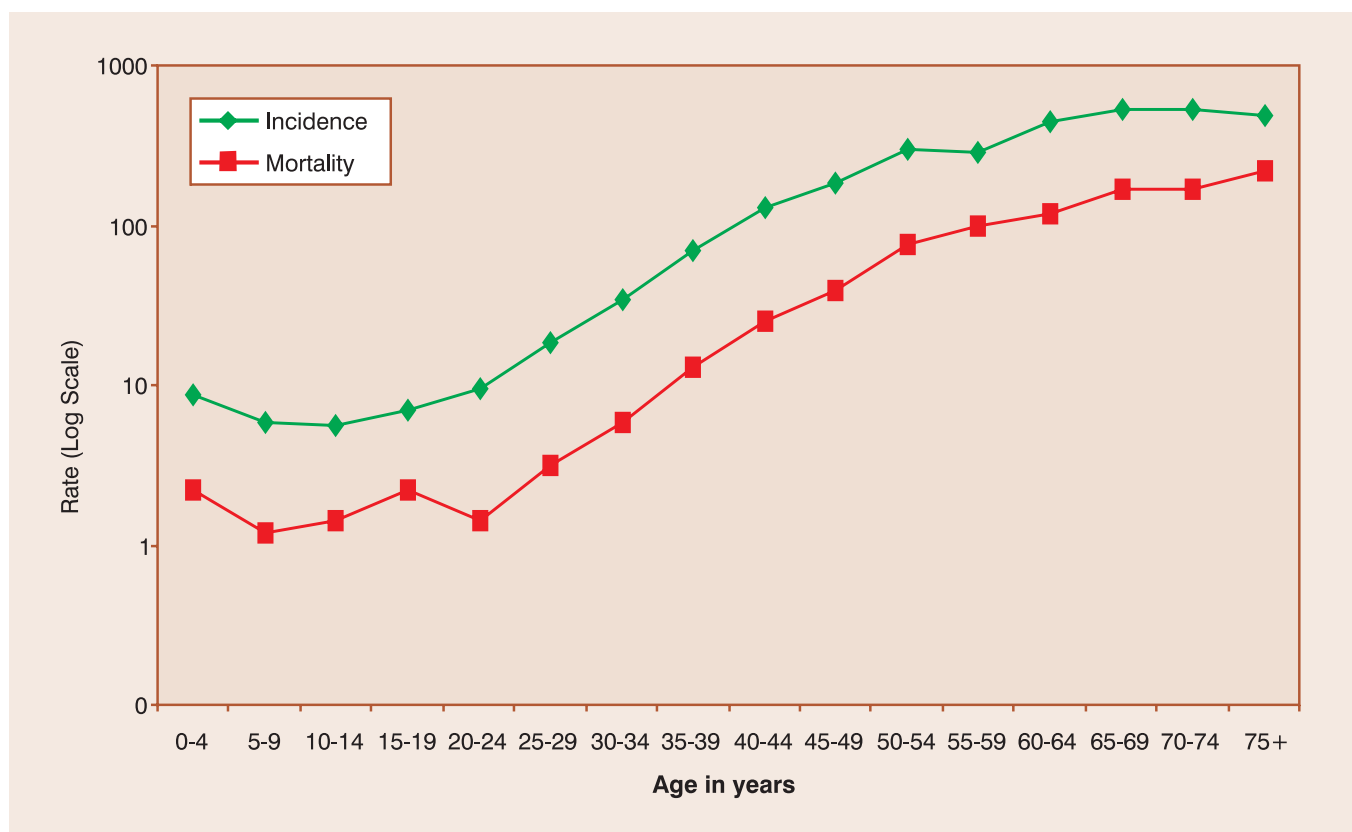


**Fig. 5.2(a): Average Annual Age Specific Incidence & Mortality Rates per 100,000 persons
All Sites of Cancer – Bangalore (2001-2003)**

Males

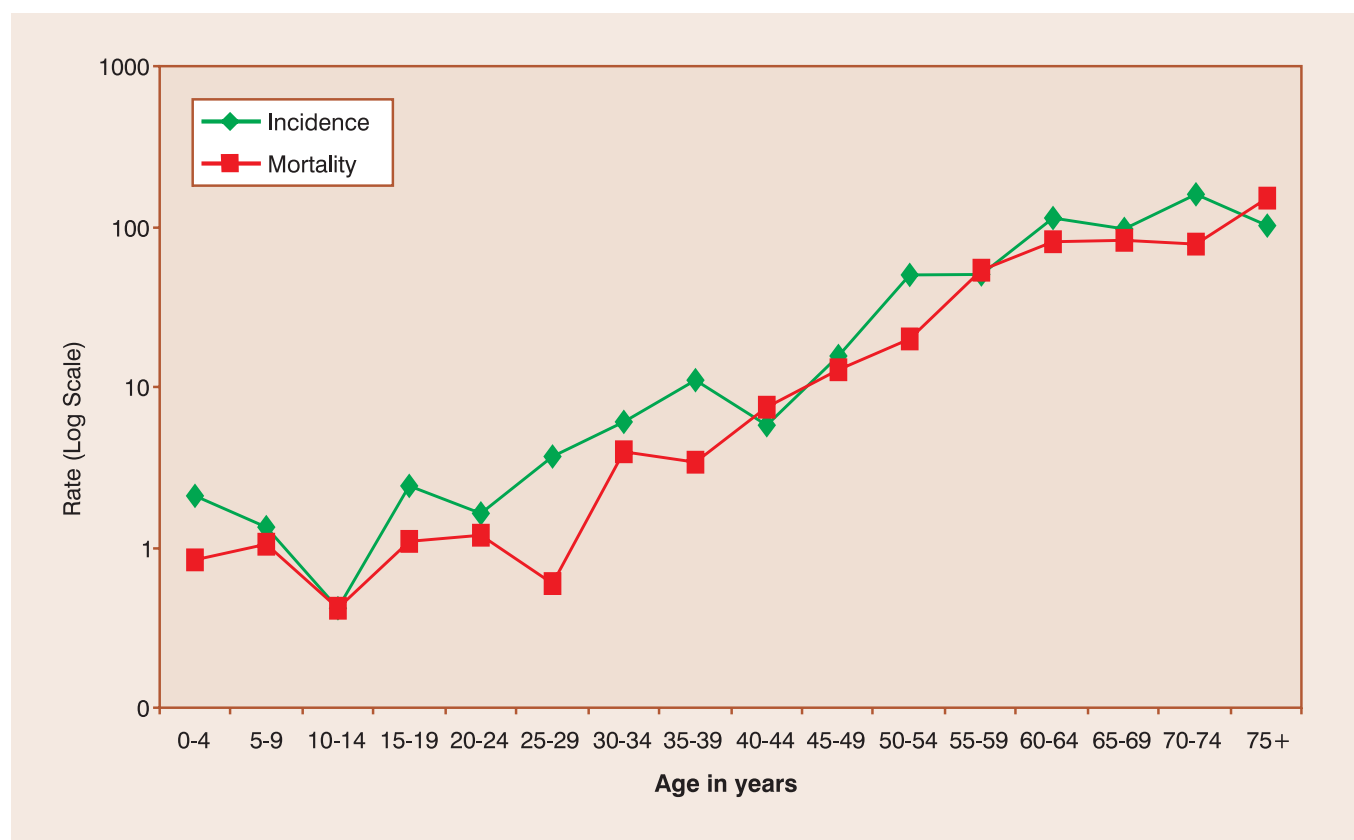


Females



**Fig. 5.2(b): Average Annual Age Specific Incidence & Mortality Rates per 100,000 persons
All Sites of Cancer – Barshi (2001-2003)**

Males

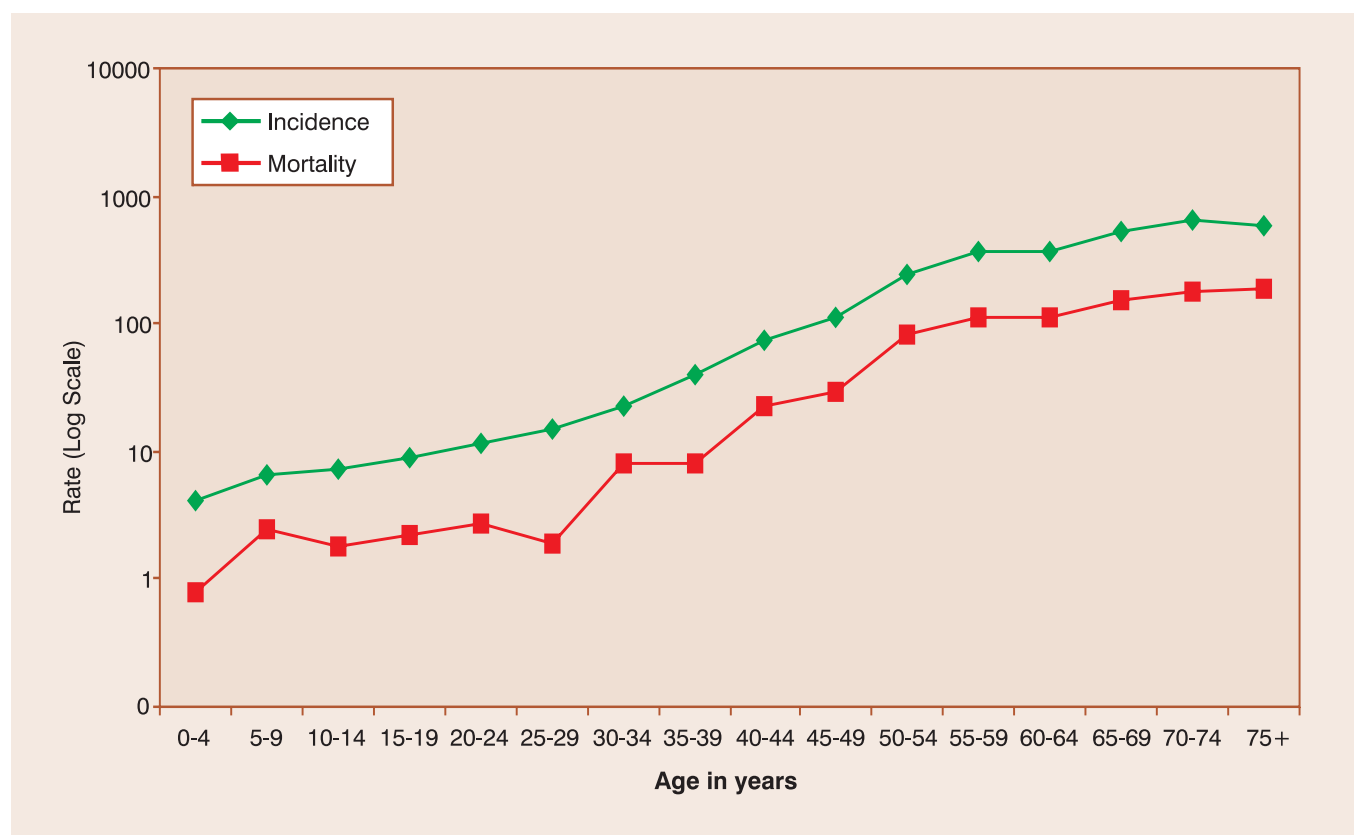


Females

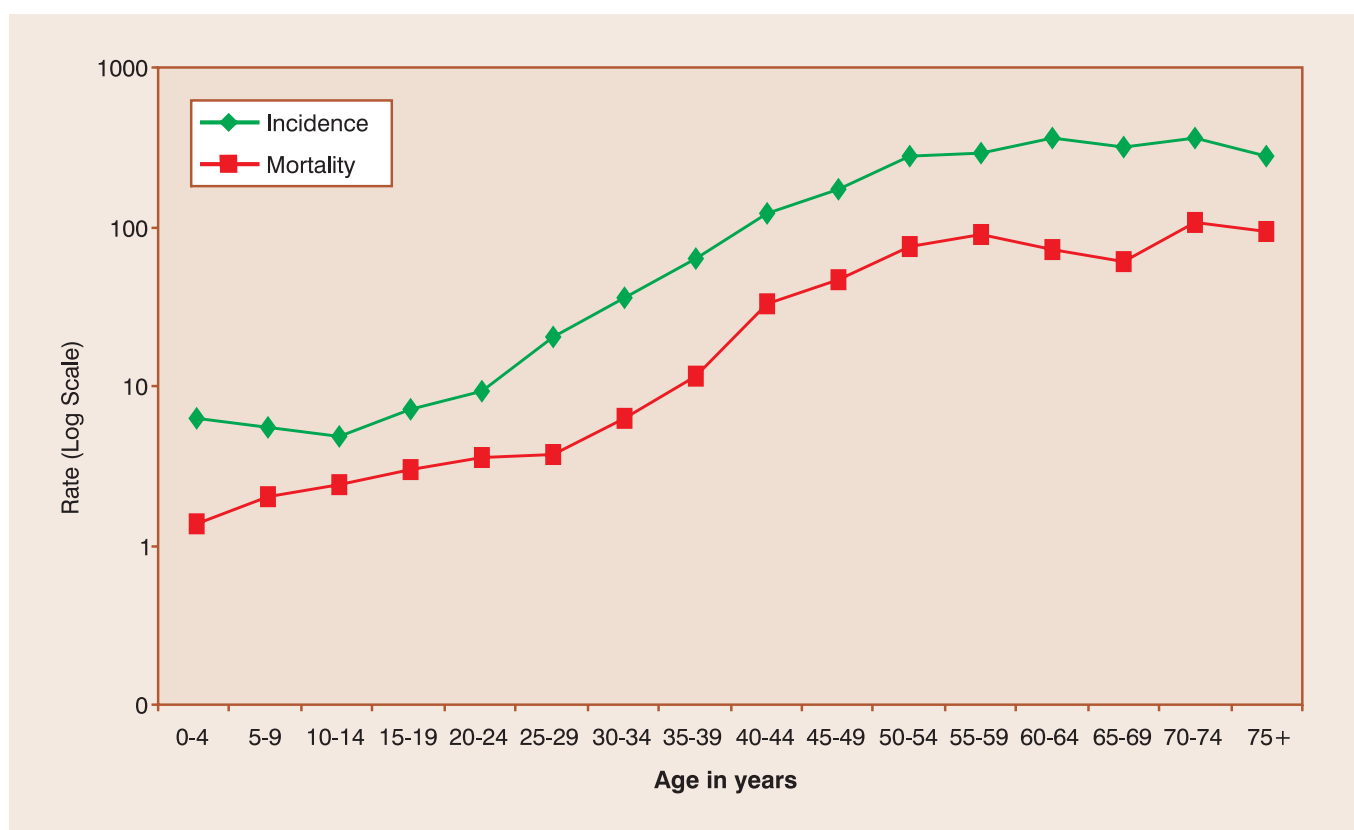


**Fig. 5.2(c): Average Annual Age Specific Incidence & Mortality Rates per 100,000 persons
All Sites of Cancer – Bhopal (2001-2003)**

Males

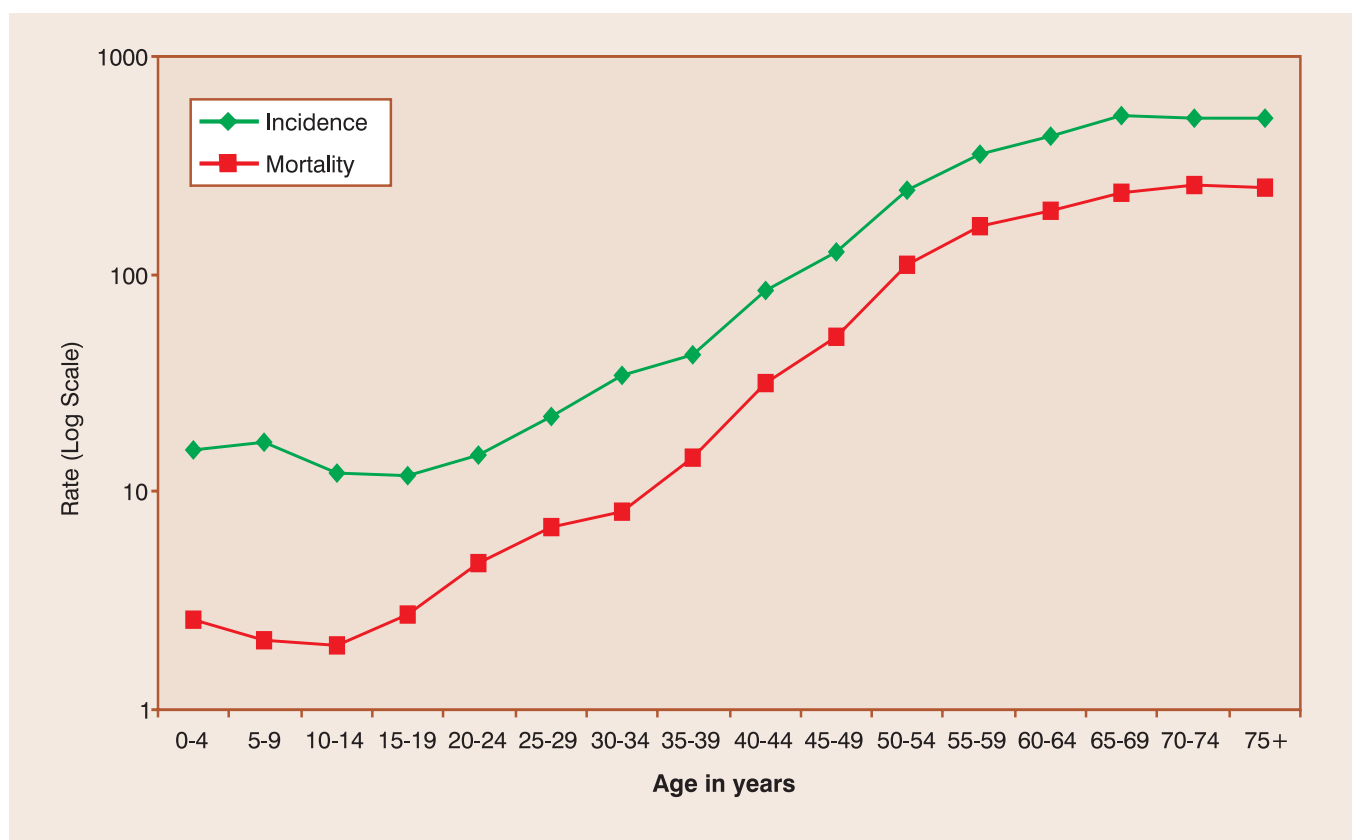


Females

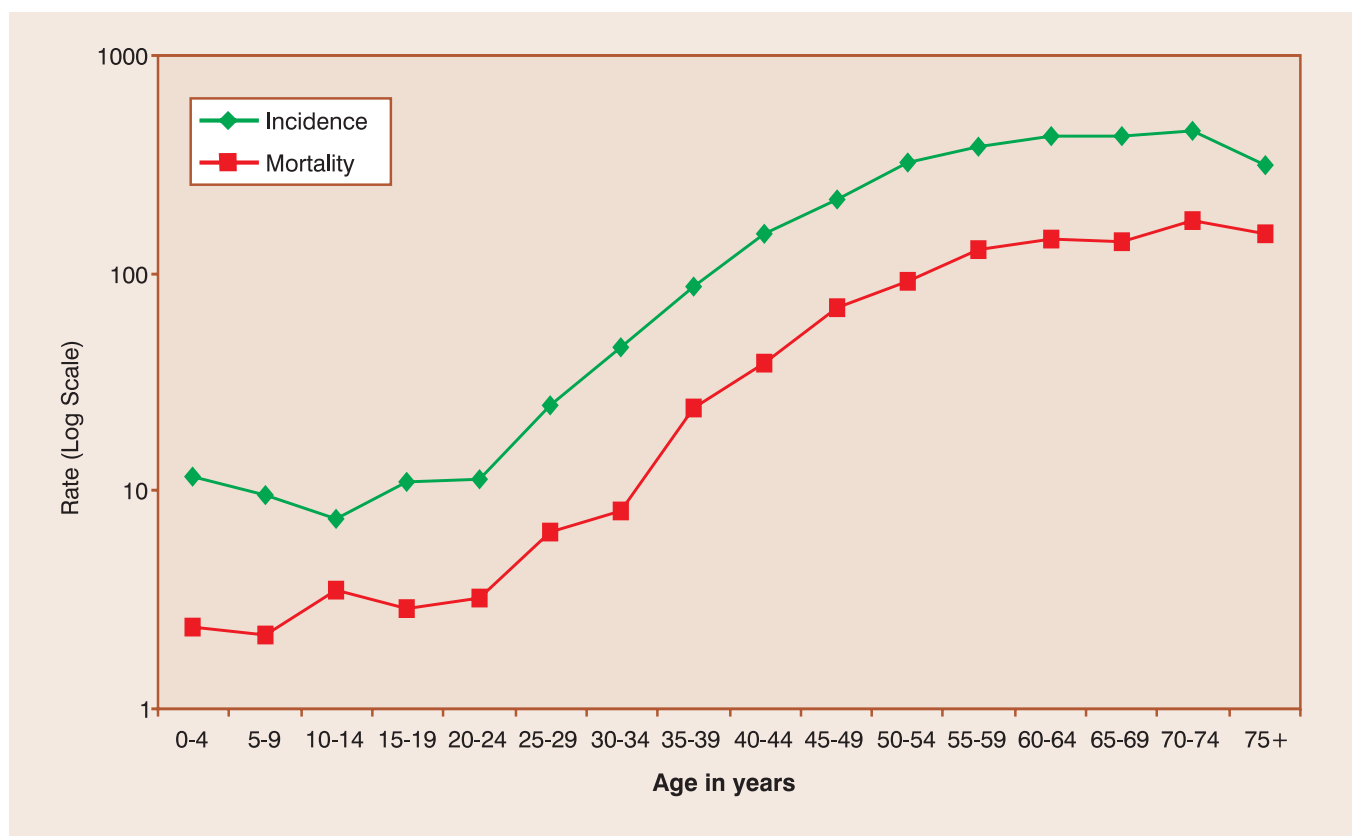


**Fig. 5.2(d): Average Annual Age Specific Incidence & Mortality Rates per 100,000 persons
All Sites of Cancer – Chennai (2001-2003)**

Males

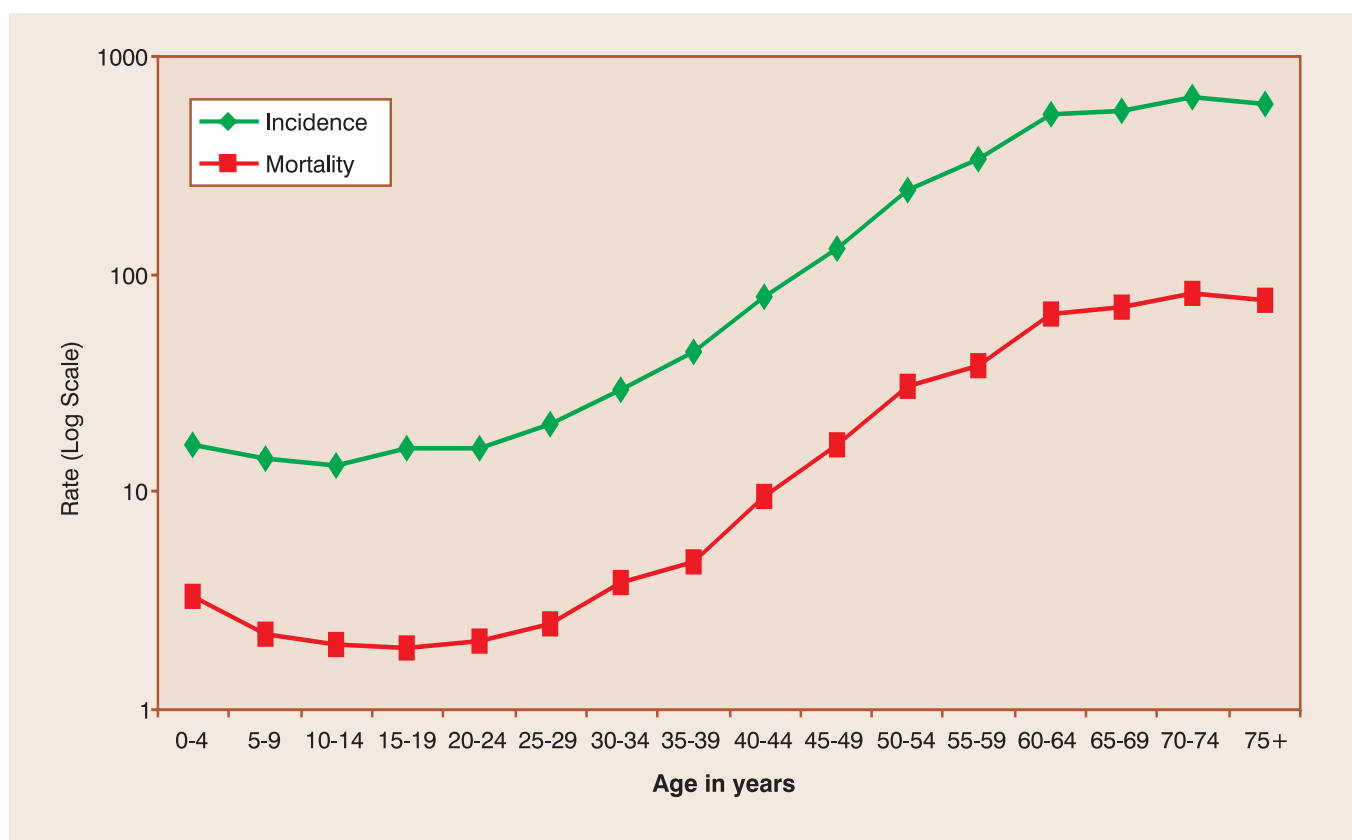


Females

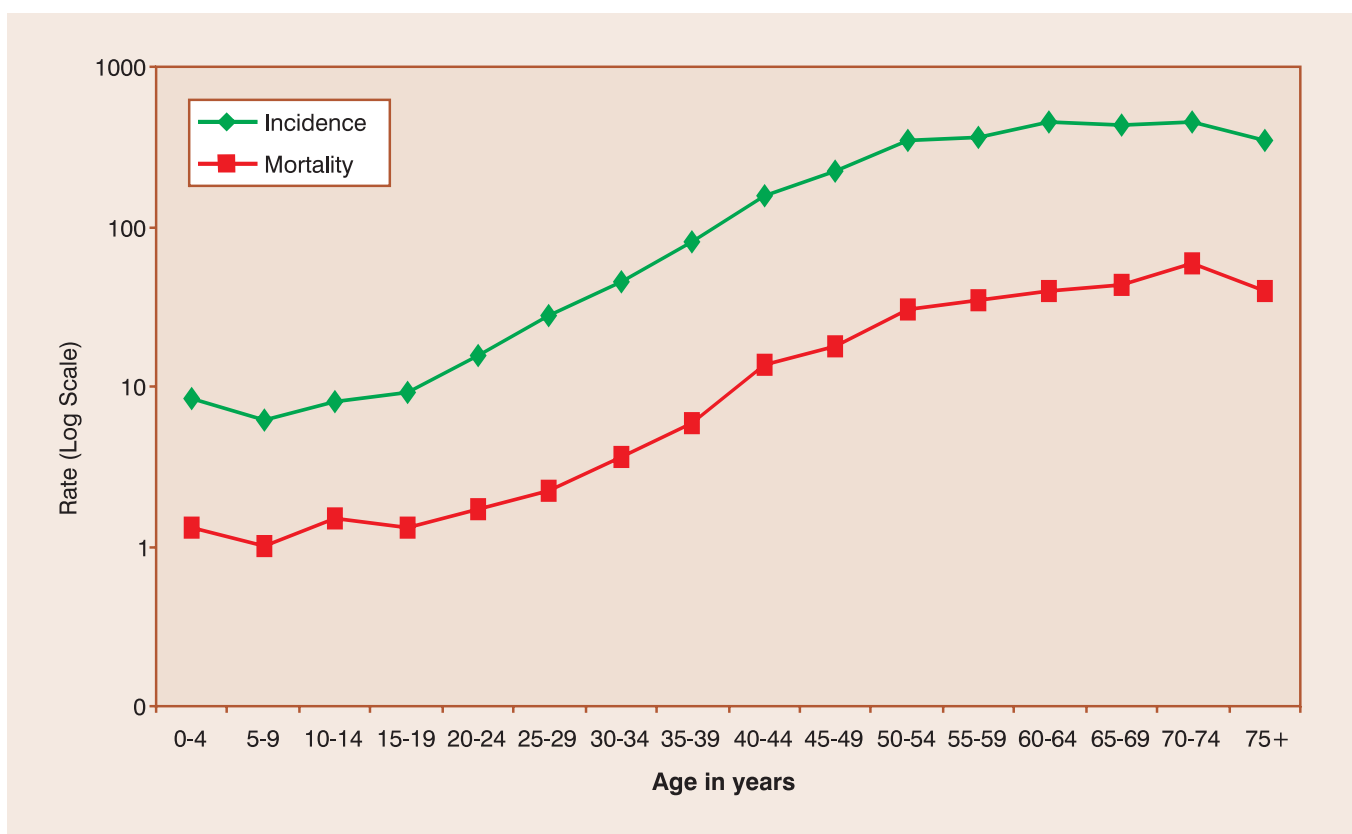


**Fig. 5.2(e): Average Annual Age Specific Incidence & Mortality Rates per 100,000 persons
All Sites of Cancer – Delhi (2001-2003)**

Males

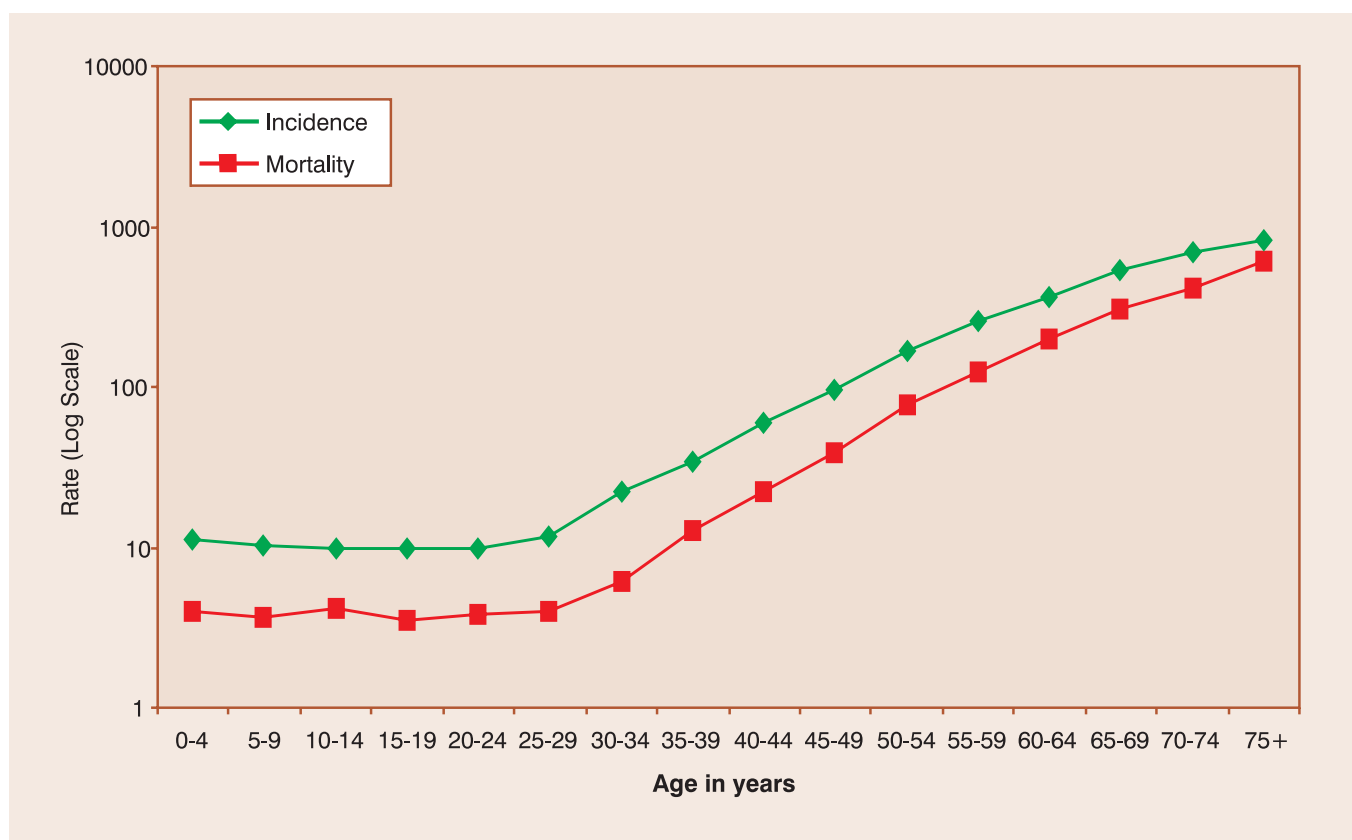


Females

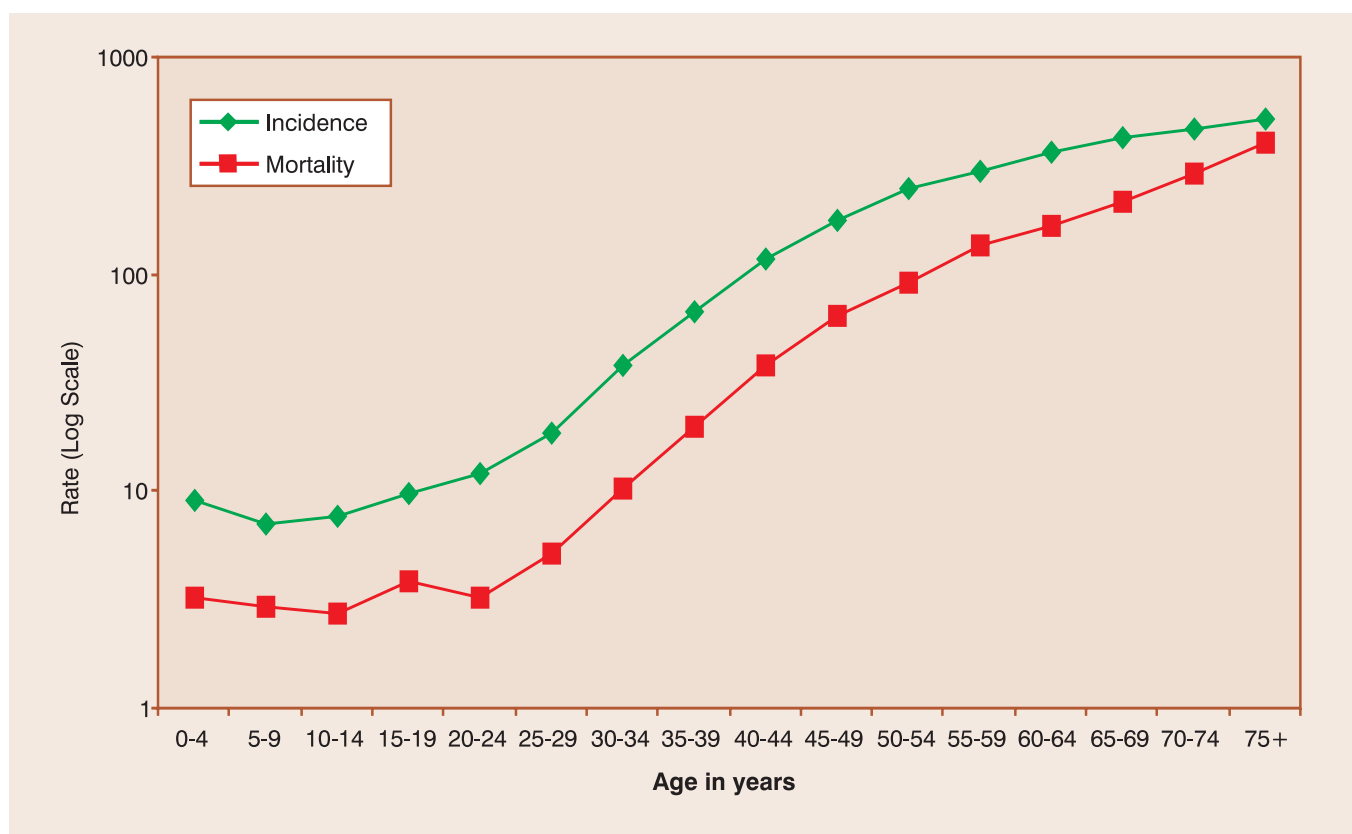


**Fig. 5.2(f): Average Annual Age Specific Incidence & Mortality Rates per 100,000 persons
All Sites of Cancer – Mumbai (2001-2003)**

Males

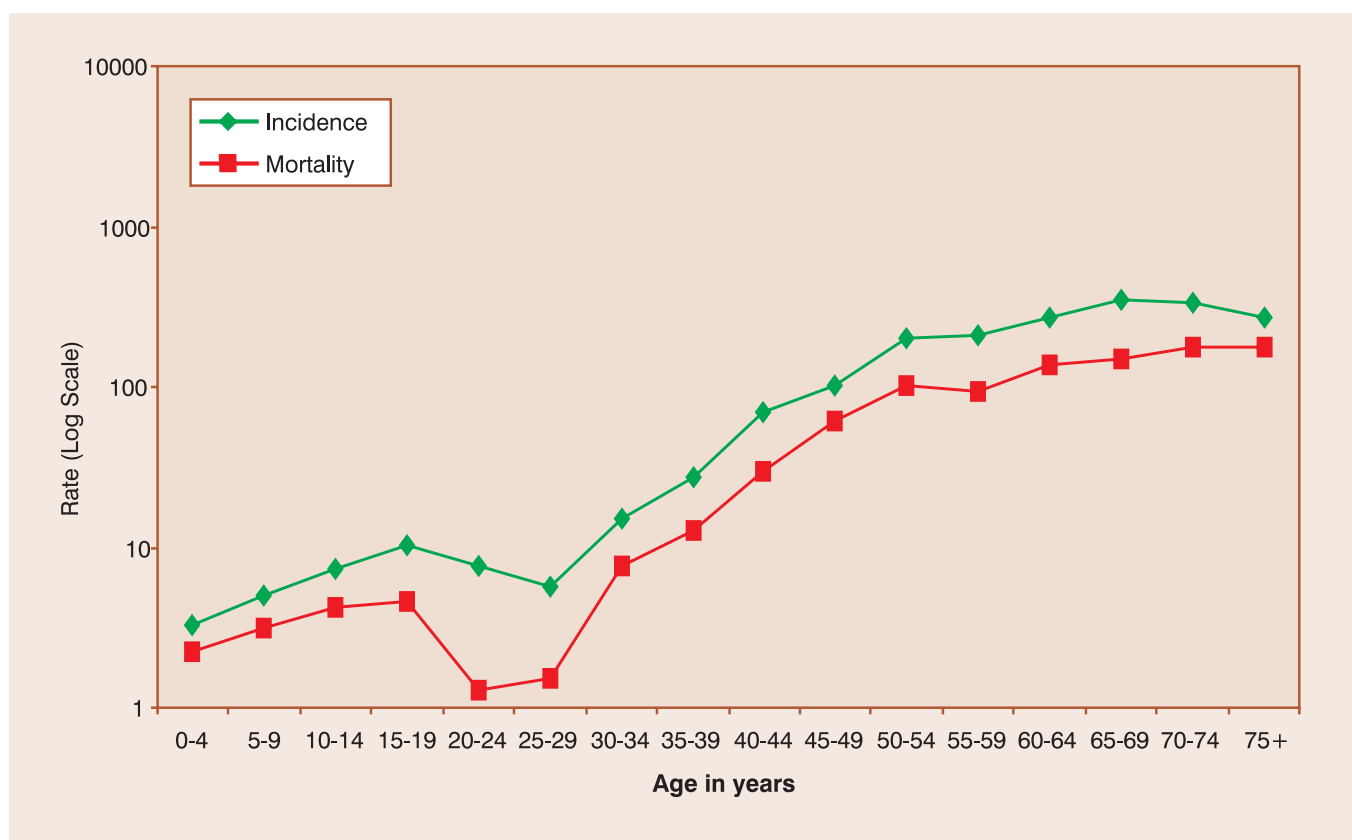


Females

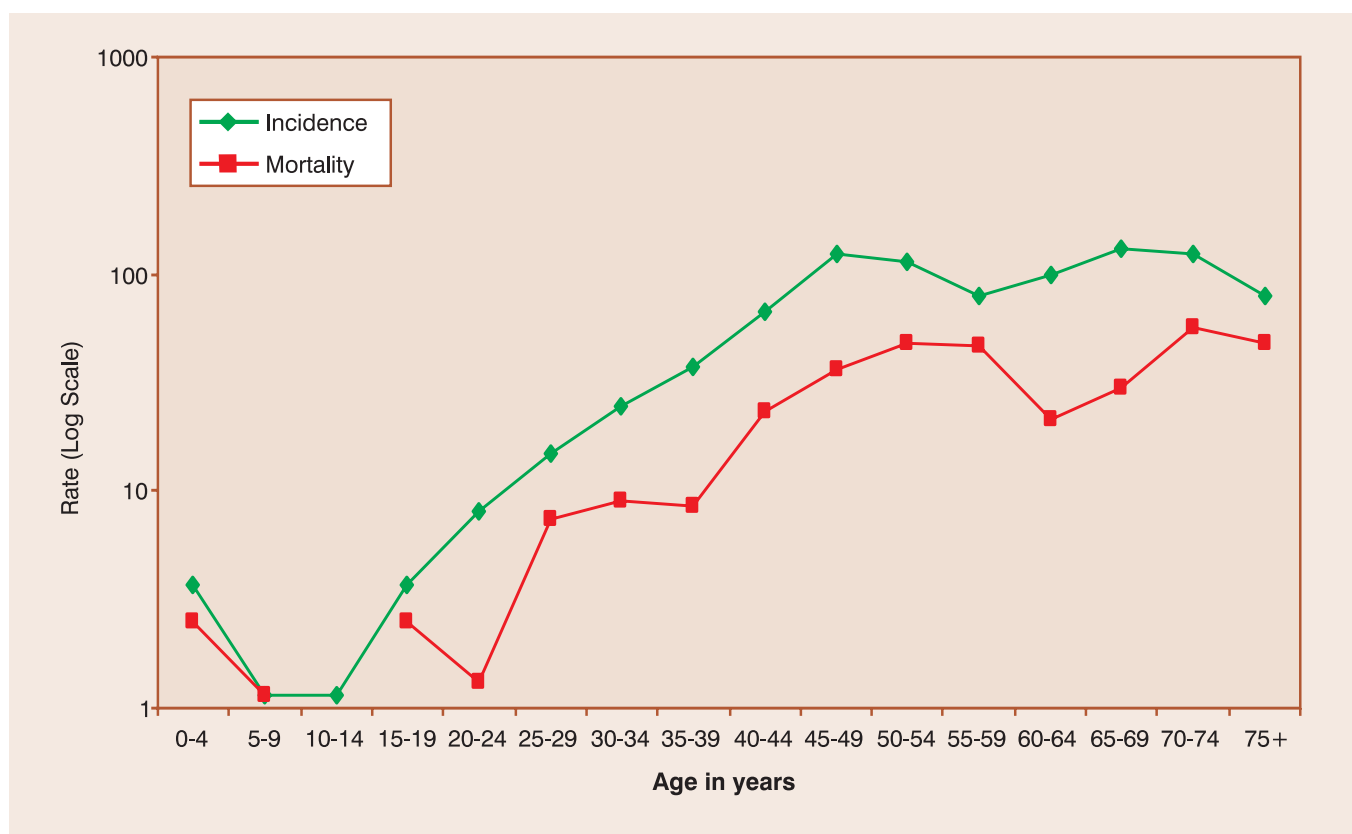


**Fig. 5.2(g): Annual Age Specific Incidence & Mortality Rates per 100,000 persons
All Sites of Cancer – Ahmedabad district (other than Ahmedabad urban) (2004)**

Males



Females



Chapter 6

COMPARISON OF CANCER INCIDENCE AND PATTERNS

In this chapter comparison of incidence and patterns of cancer in all PBCRs under the NCRP including the North East registries is done. Figures 6.1 to 6.18 give the bar charts of Age Adjusted Incidence Rates (AAR) of the older PBCRs (2001-2003 data), the North East PBCRs (2003-2004 data) and the Ahmedabad district (other than Ahmedabad urban) PBCR (2004 data).

All Sites:

Figure 6.1 compares the AAR of all sites in males and females respectively. Five of the eight registry areas of the north east show a higher AAR in males compared to Delhi (AAR 114.3 per 100,000) among the older PBCRs or the Ahmedabad district (other than Ahmedabad urban) PBCR. Thus Aizawl district (277.2 per 100,000) has over two and a half times the AAR of Delhi. Mizoram state as a whole also shows a higher AAR of (194.5 per 100,000) followed by Kamrup Urban District (172.2) and Mizoram State excluding Aizawl District (148.6). Only Imphal West District in Manipur, Dibrugarh District and Sikkim state have AARs that are comparable with the other PBCRs. Among females Aizawl District (231.5) followed by Mizoram state (155.7) and Kamrup Urban District (154.1) have higher AARs compared to Delhi (116.5) which has the highest AAR among other PBCRs and Ahmedabad district (other than Ahmedabad urban) PBCR.

Figures 6.2 to 6.20 give the comparison of selected leading sites of cancer.

Tongue - Males : Kamrup Urban District showed the highest AAR (12.2). Among the other registries, Bhopal had the highest AAR (9.7).

Mouth - Males : Kamrup Urban District showed the highest AAR (8.7) in all the PBCRs. The AAR for other North East registries were lower than that seen in the registries at Bhopal (8.2) and Mumbai (6.9). Sikkim state registered the lowest AAR (1.3).

Mouth - Females: Like in males, Kamrup Urban District (8.3) showed the highest AAR followed by Bangalore (5.6), Silchar Town (5.5), Bhopal (5.2) and Chennai (5.2). All other registries had AAR values lower than 4.0. As in the case of males, Sikkim State (0.2) had the lowest AAR.

Tonsil - Males: Kamrup Urban District (8.2), Aizawl District (4.5), Dibrugarh District (2.5) and Mizoram State (2.3) had higher AAR values than the other PBCRs.

Oropharynx - Males : Kamrup Urban District (2.9) had the highest AAR followed by Silchar Town (2.5). Other PBCRs had AAR of less than 1.3.

Nasopharynx - Males : The highest AAR was found in the registry of Imphal West District (5.5) followed by Sikkim State (4.1), Aizawl District (4.0), Mizoram State (3.5) and Mizoram state - excluding Aizawl district (3.1). All other registries had AAR values below 1.0.

Hypopharynx - Males : Kamrup Urban District (22.3) had the highest AAR followed by Aizawl District (21.5), Dibrugarh District (11.0) and Mizoram State (10.3). All other registries had AAR values below 10.

Pharynx - Males : Kamrup Urban District (3.3), Ahmedabad district (other than Ahmedabad urban) (1.9), Dibrugarh District (1.6) had higher AARs compared to the others that had AAR below 1.5.

Oesophagus - Males : Aizawl District (40.4) and Kamrup Urban District (32.5) had higher AARs that were three to four times the AAR of Chennai (8.4), that had the highest AAR among other PBCRs.

Oesophagus - Females : Kamrup Urban District (21.1), Silchar town (12.1), Dibrugarh District (8.2) and Aizawl District (7.6) - all had higher AAR as compared to other registries.

Stomach - Males : Aizawl District (57.3), Mizoram state (50.6), Mizoram state excluding Aizawl District (46.9) and Sikkim State (14.2) had high AARs as compared to old and other registries. Chennai (11.1) followed by Bangalore (9.0) had higher AARs among other registries

Stomach - Females : All the three identified areas in Mizoram State - Aizawl District (33.6), Mizoram State (23.3) and Mizoram State excluding Aizawl District (17.2) had much higher AAR than all other PBCRs. Chennai (5.6) had higher AARs among other registries.

Gall-Bladder - Females : Delhi PBCR consistently had reported the highest AAR over the years - with an AAR of 7.4 during this period (2001-03). Kamrup Urban District (10.2) had even a higher AAR.

Larynx - Males : Silchar town (10.7) had the highest AAR followed by Kamrup Urban District (8.2). Delhi PBCR (7.5) had a higher AAR among other registries.

Lung - Males : Aizawl District (39.3), had the highest AAR that was almost thrice that of Delhi (13.8) which was the highest among the other PBCRs.

Lung - Females : Aizawl District (42.2) had fourteen times the AAR of Delhi (3.2) which had the highest AAR among all other PBCRs.

Breast - Females : Chennai (29.3), Delhi (29.2), Mumbai (27.5) and Bangalore (27.5) had higher AARs than those PBCRs of the North East (Aizawl District 26.0, Kamrup Urban District 24.3).

Cervix uteri - Females : Aizawl District (30.6) registered the highest AAR followed by Chennai (24.8).

Penis - Males : Aizawl District, Mizoram State & Mizoram State (excl. Aizawl District) showed uniform AARs of 2.1 with Ahmedabad being the lowest recorded AAR of 0.3.

Hodgkins Disease - Males : North East Registries showed lower AARs as compared to other registries.

Non-Hodgkins Disease Lymphoma - Males : Aizawl Dist. recorded the highest AAR (5.9) and the lowest being Sikkim State (0.2).

Thyroid - Females : Imphal West District (4.8) and Aizawl District (3.3) showed higher AARs compared to Bangalore (2.9) and others.

Myeloid Leukaemia - Males : Aizawl District (4.1) recorded a higher AAR than Delhi (2.6), Bhopal (2.3) and others.

Myeloid Leukaemia - Females : Imphal West District (2.8) and Aizawl District (2.3) recorded a higher AAR than Delhi (2.0) and Mumbai (1.5).

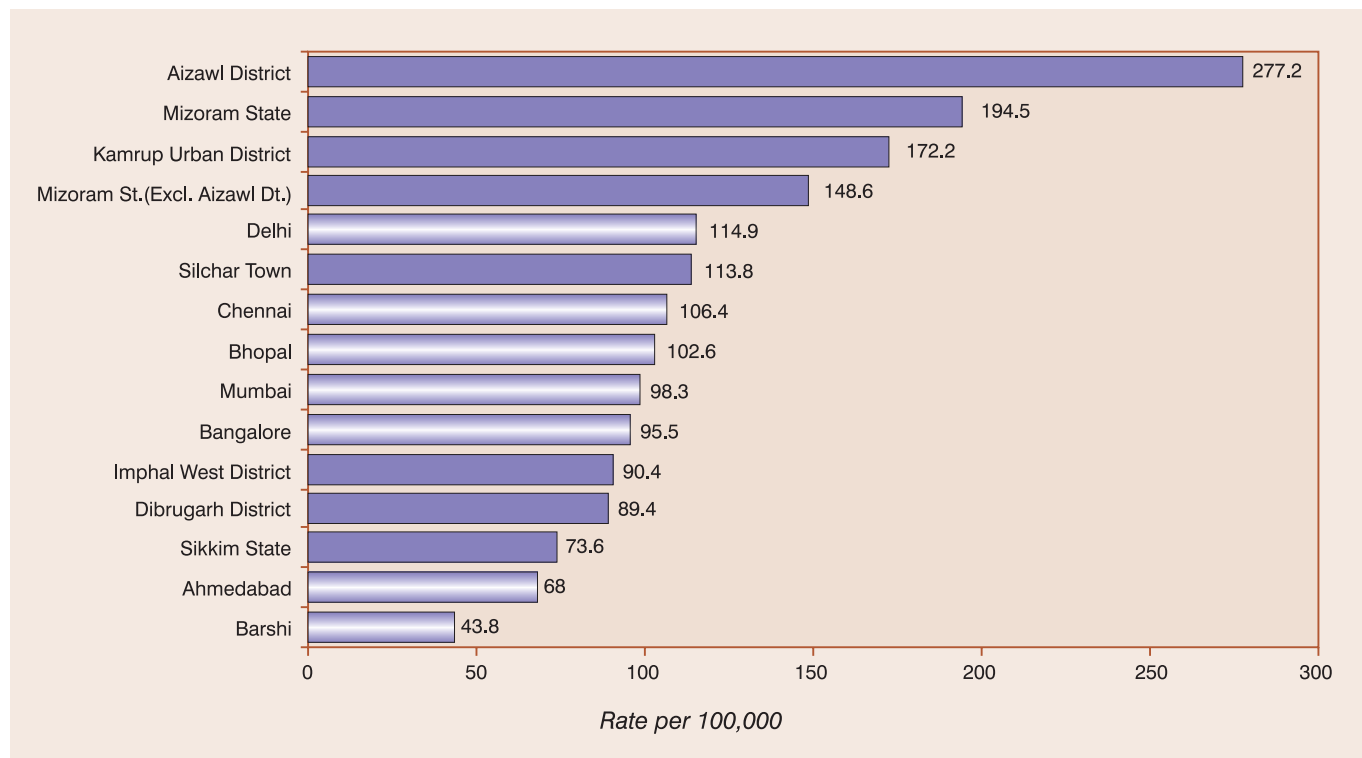
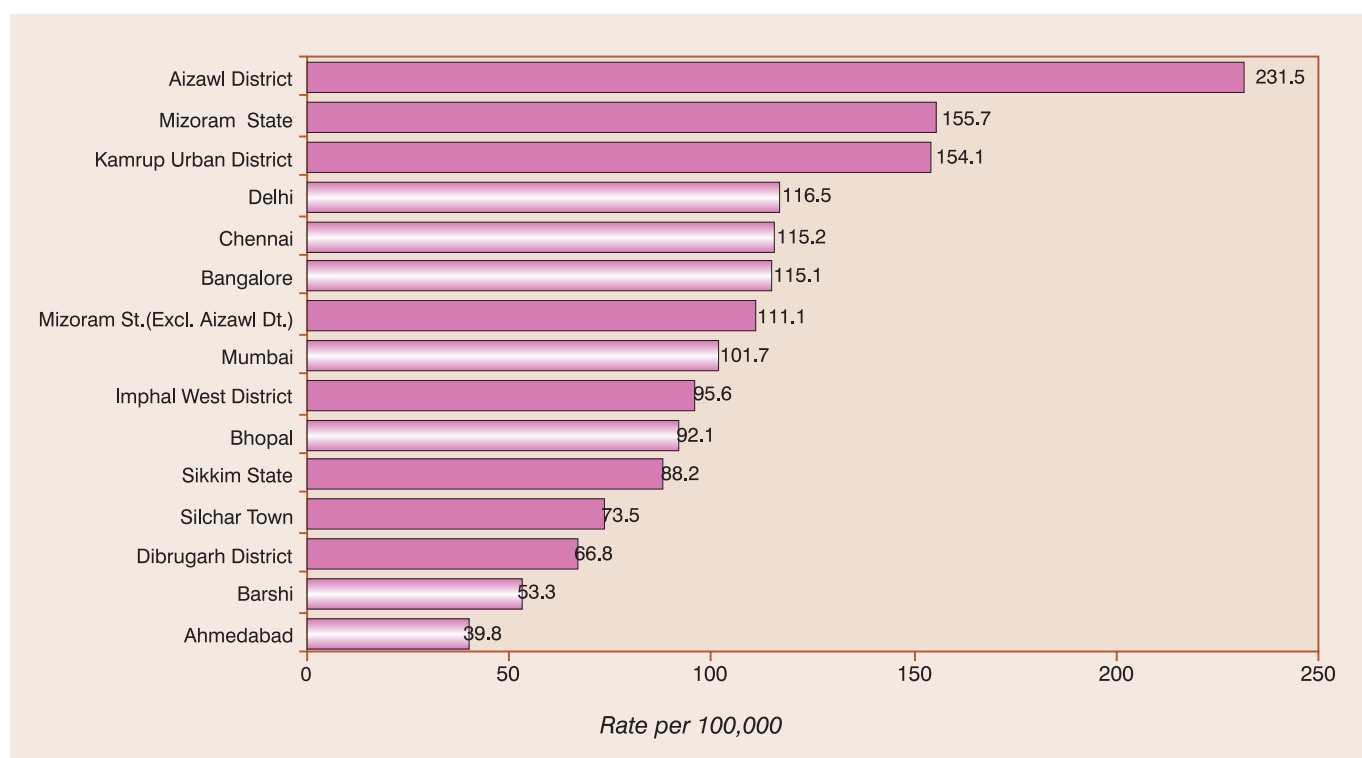
Fig. 6.1 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**ALL SITES****MALES****FEMALES**

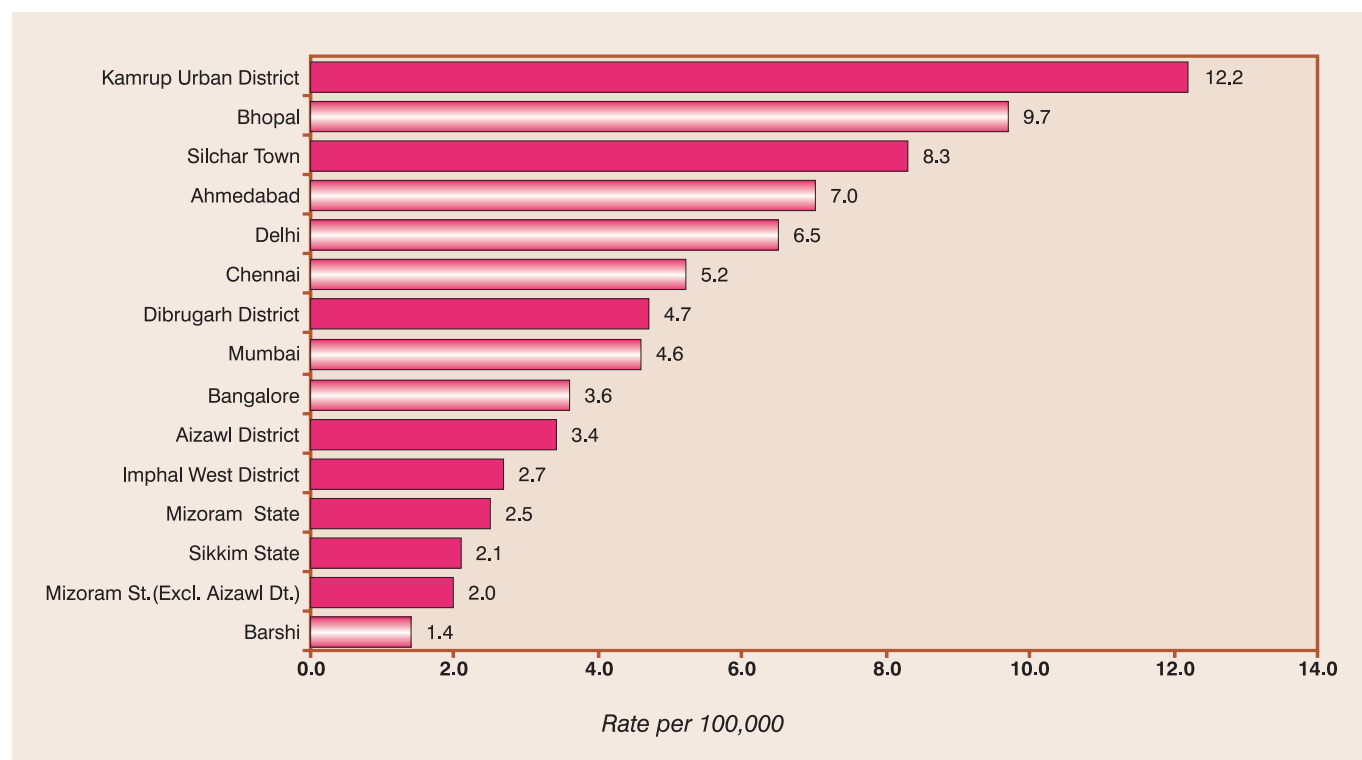
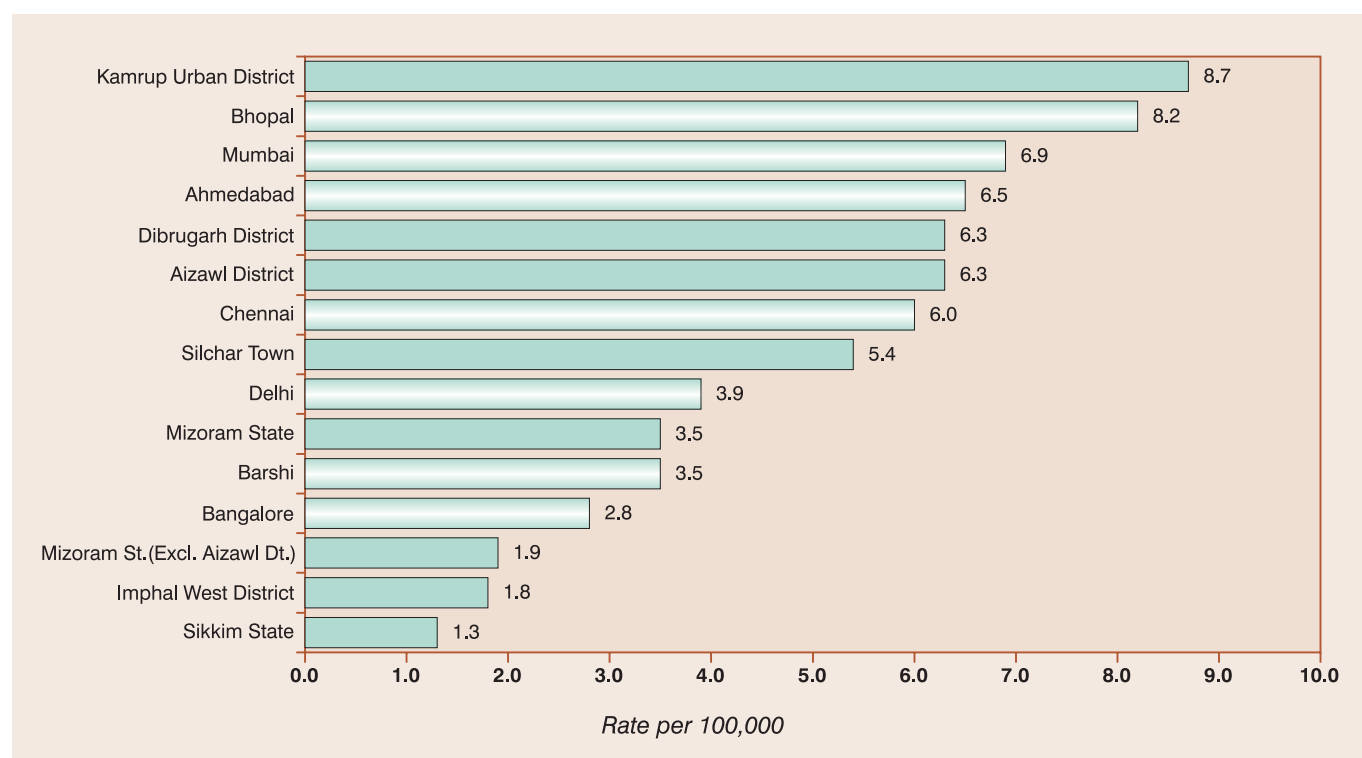
Fig. 6.2 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**TONGUE (C01-C02) - MALES****Fig. 6.3 (a) : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs****MOUTH (C03-C06) - MALES**

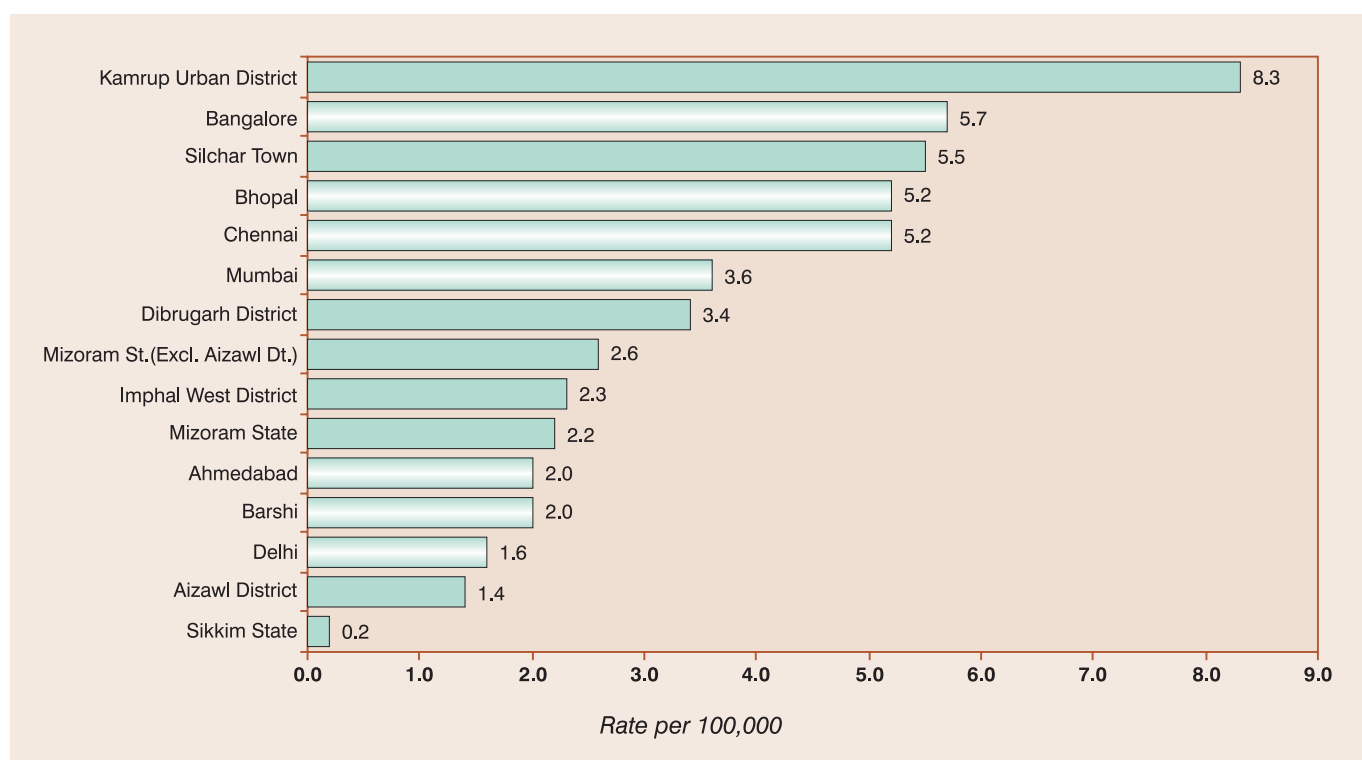
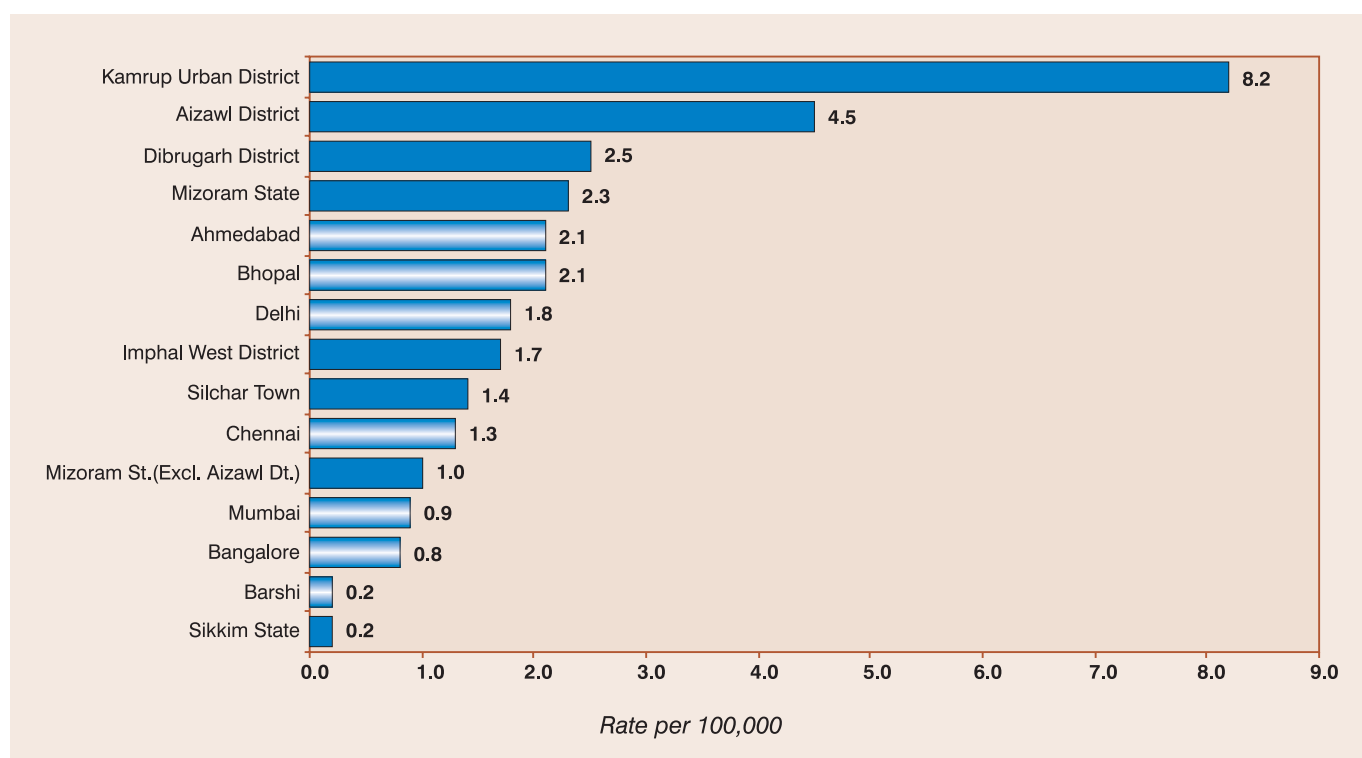
Fig. 6.3 (b) : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**MOUTH (C03-C06) - FEMALES****Fig. 6.4 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs****TONSIL (C09) - MALES**

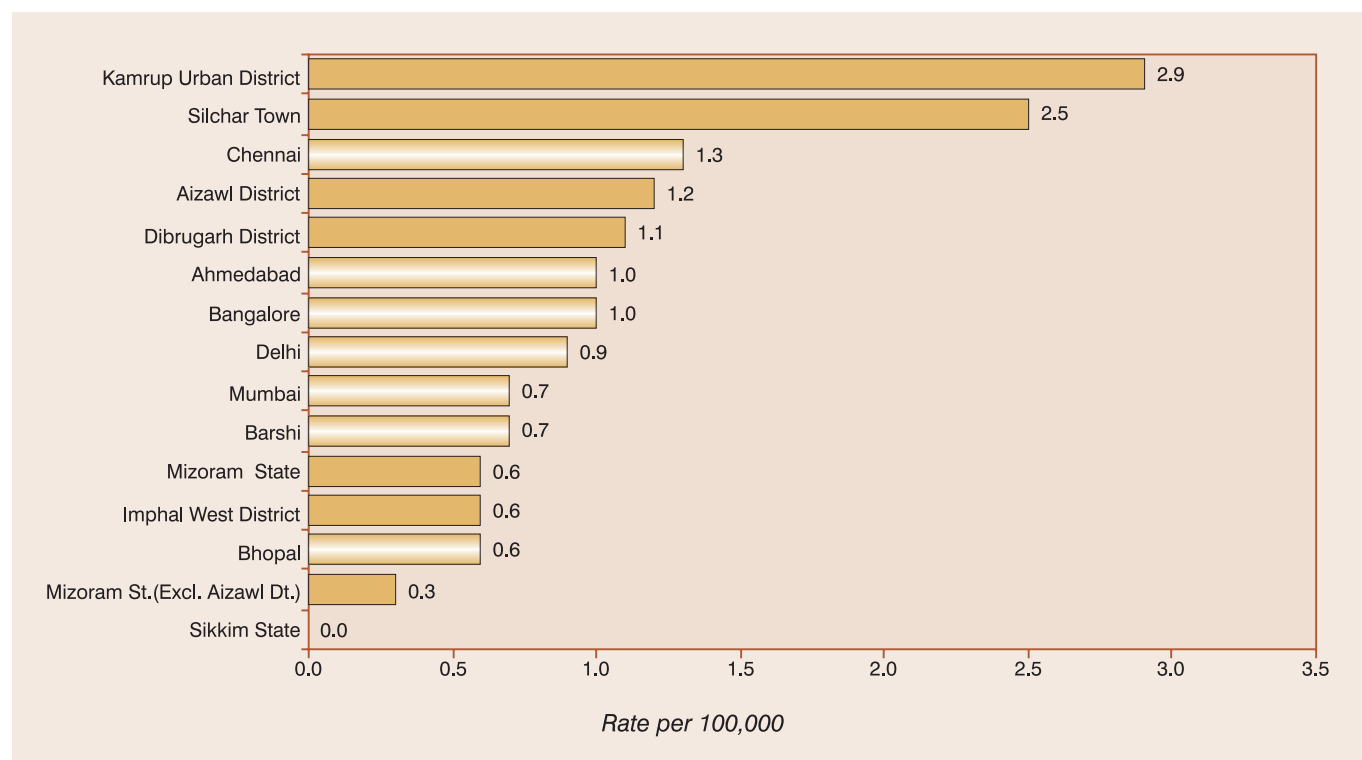
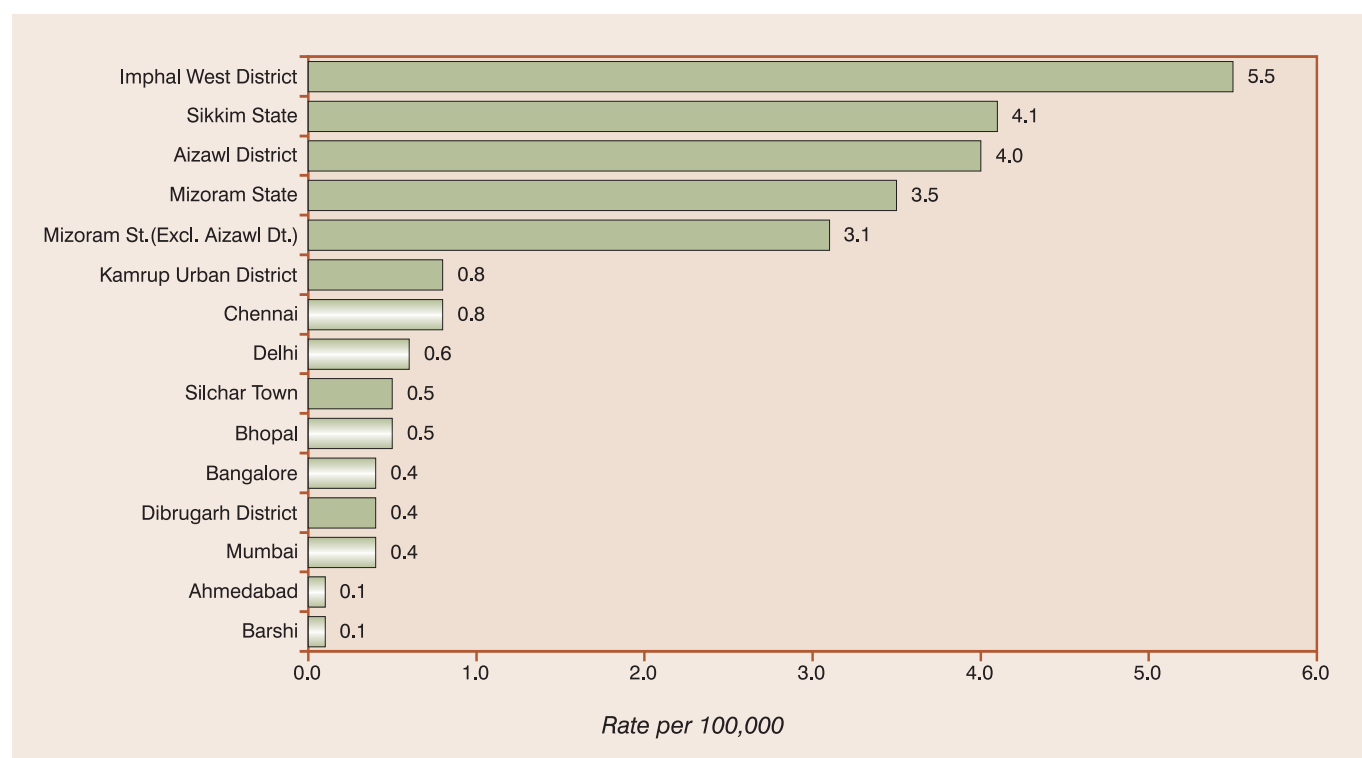
Fig. 6.5 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**OROPHARYNX (C10) - MALES****Fig. 6.6 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs****NASOPHARYNX (C11) - MALES**

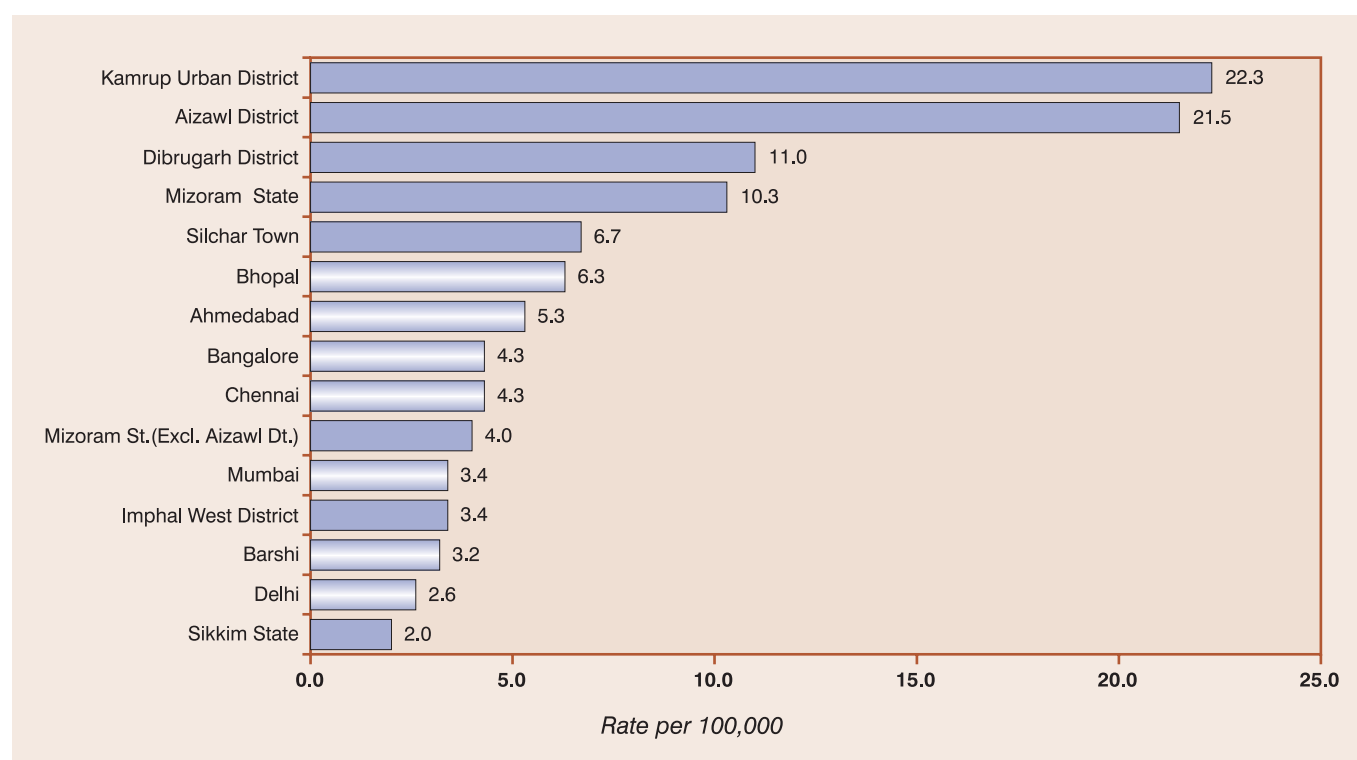
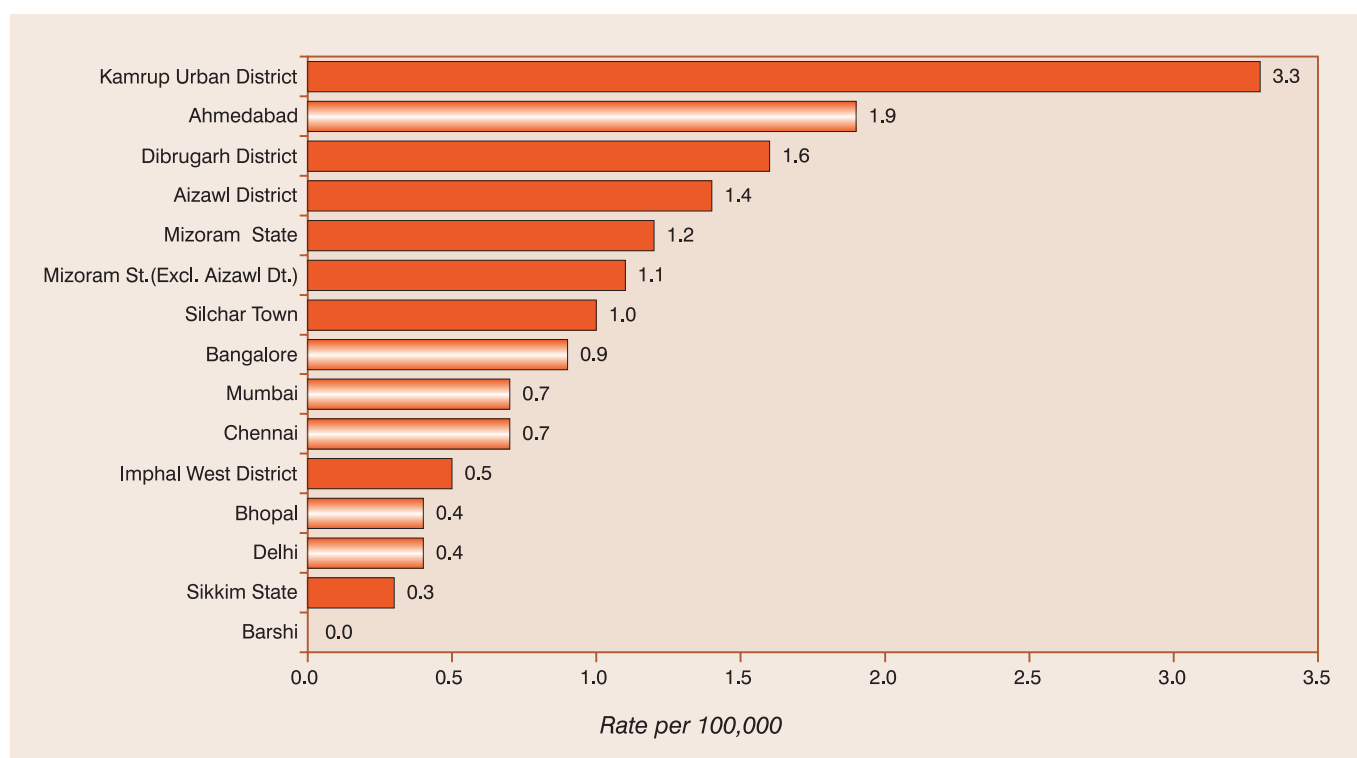
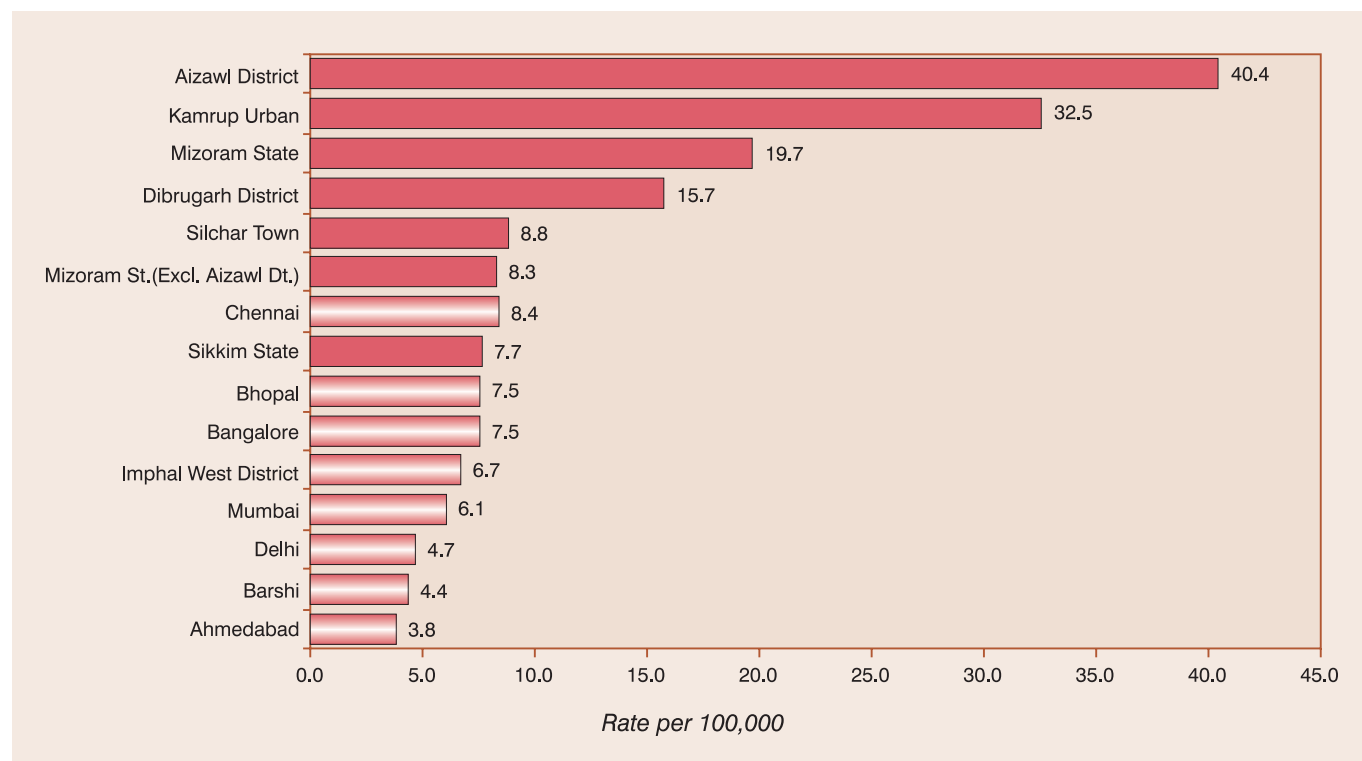
Fig. 6.7 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**HYPOPHARYNX (C12-C13) - MALES****Fig. 6.8 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs****PHARYNX (C14) - MALES**

Fig. 6.9 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs
OESOPHAGUS (C15)

MALES



FEMALES

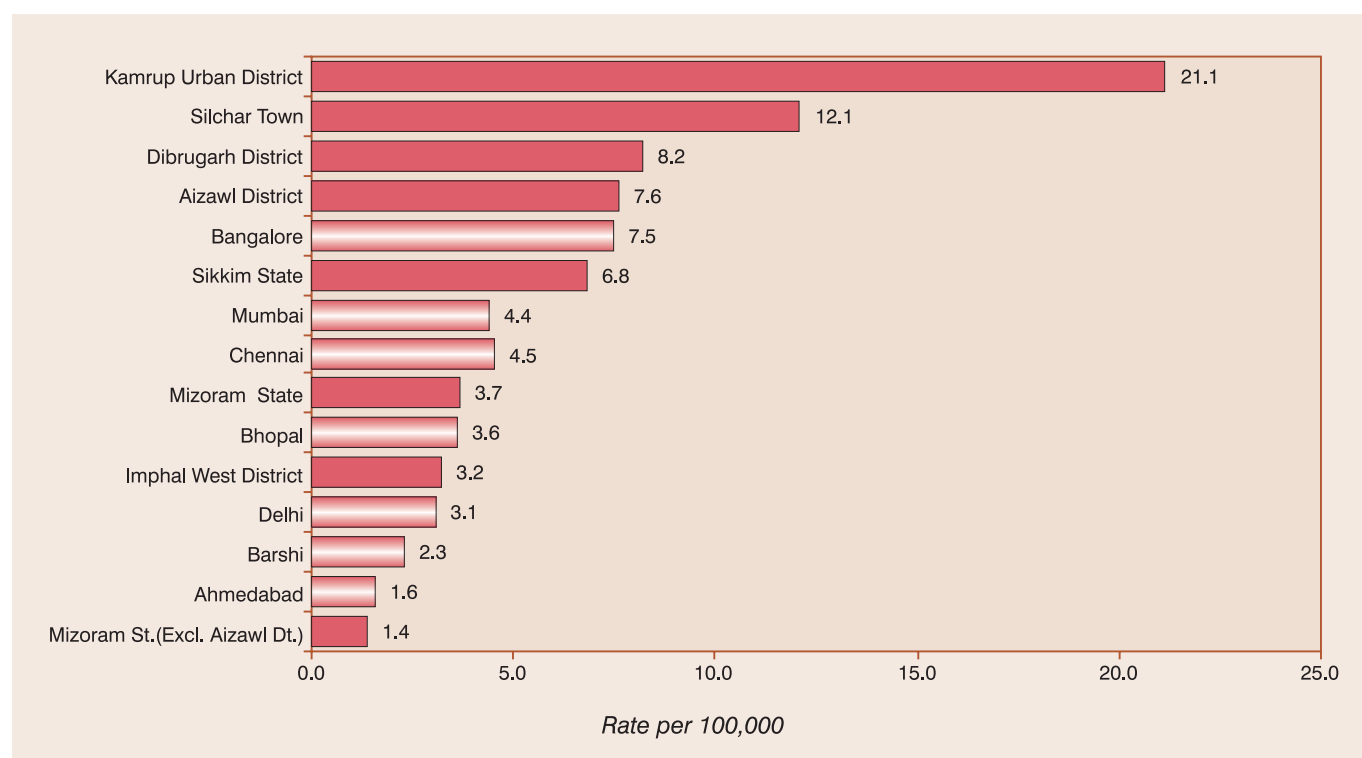


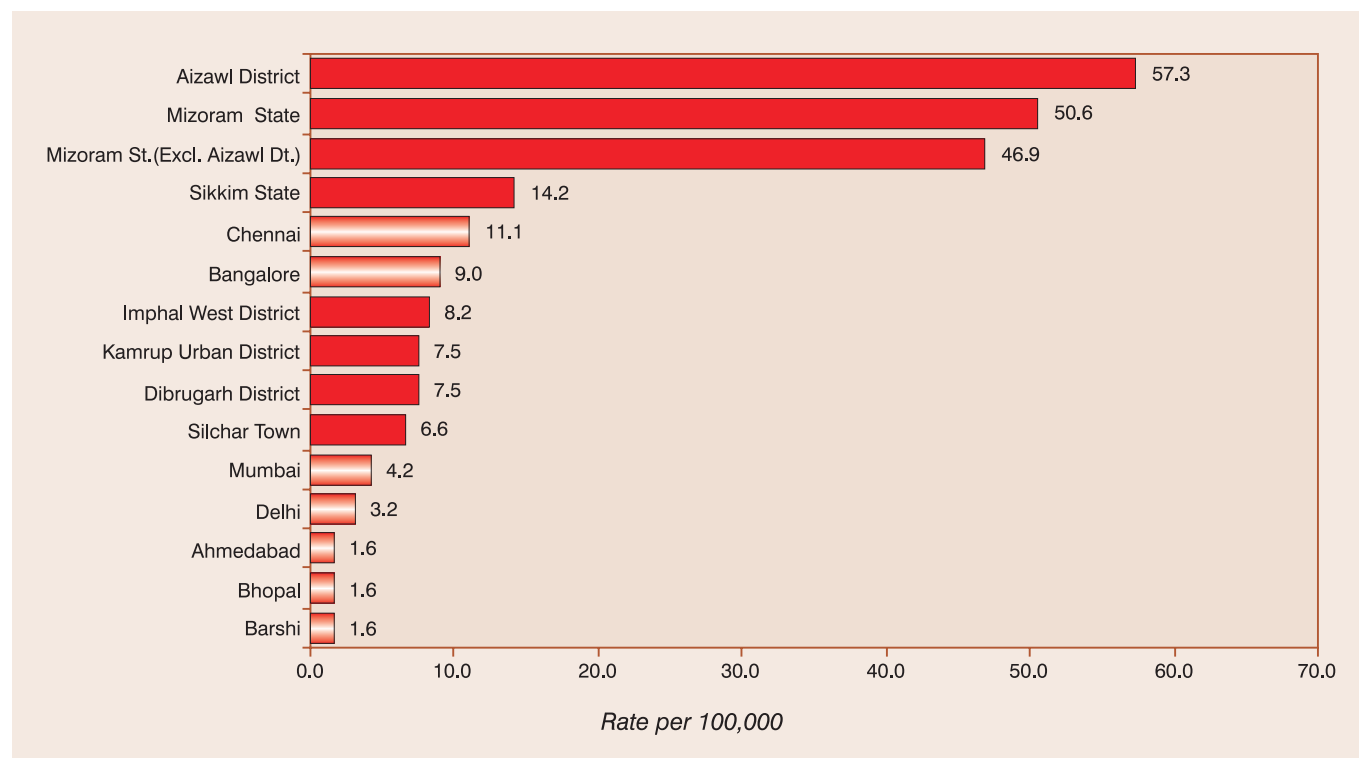
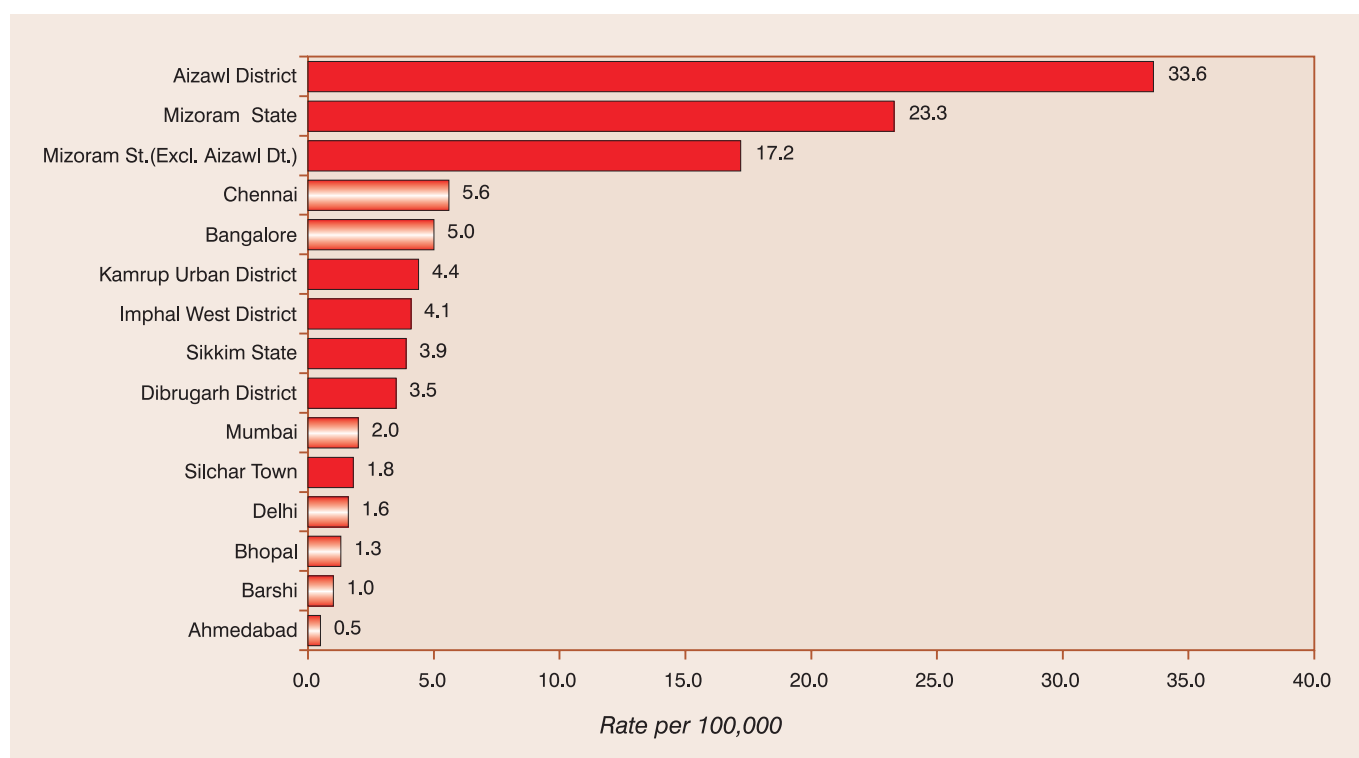
Fig. 6.10 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**STOMACH (C16)****MALES****FEMALES**

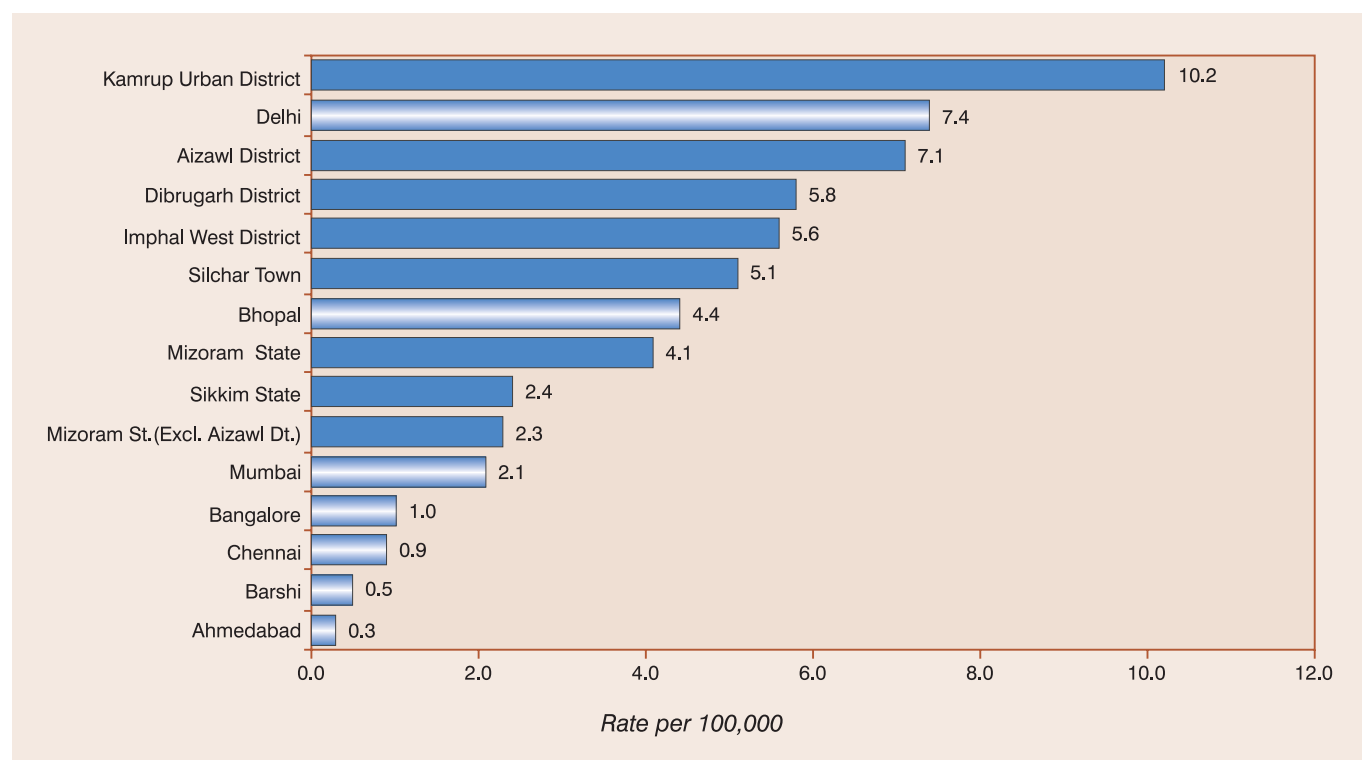
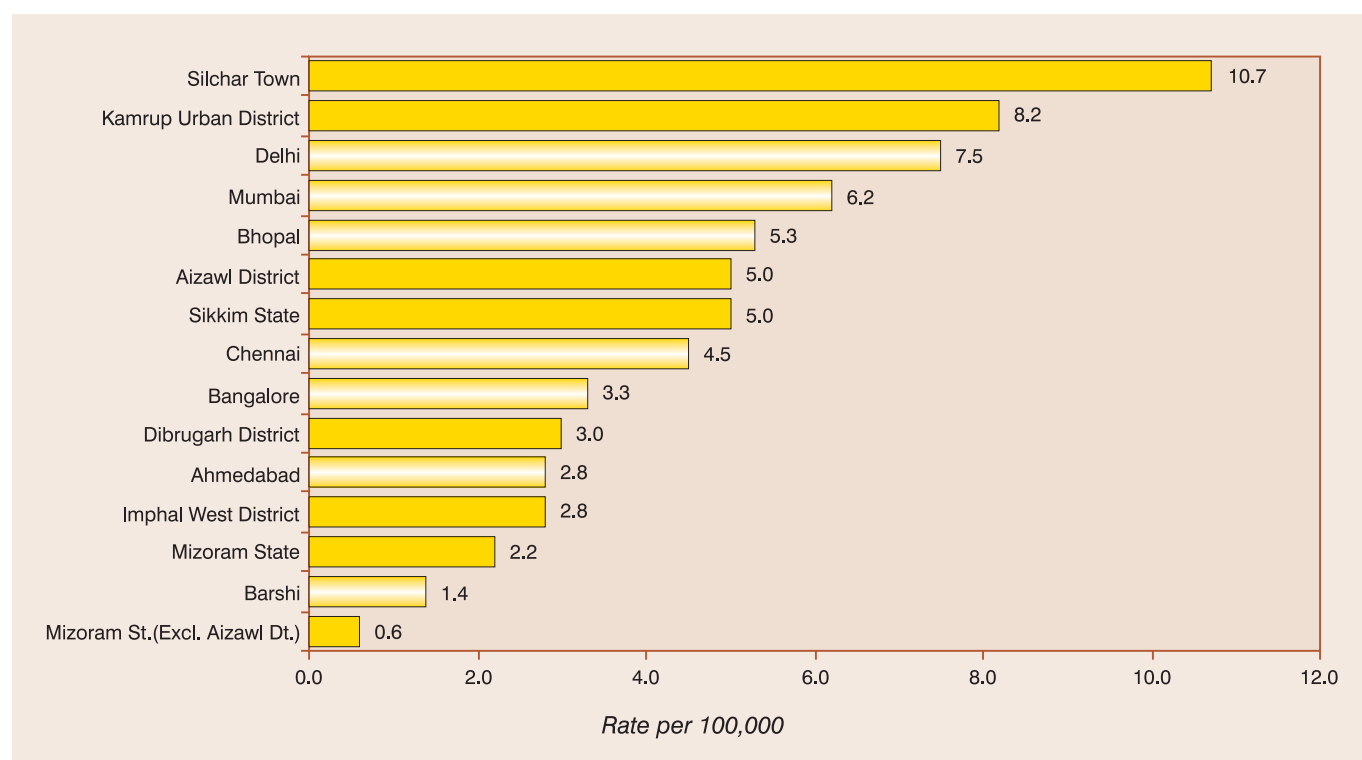
Fig. 6.11 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**GALL BLADDER (C23-C24) - FEMALES****Fig. 6.12 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs****LARYNX (C32) - MALES**

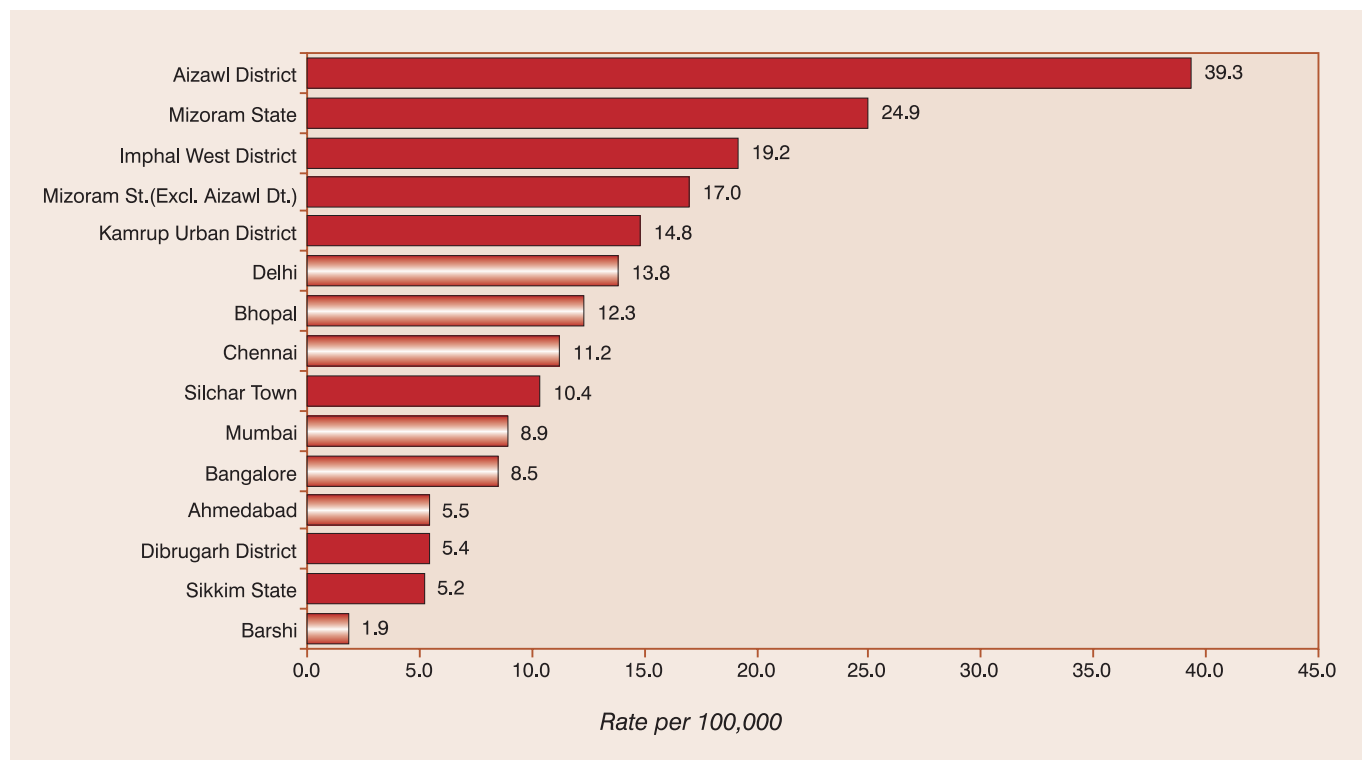
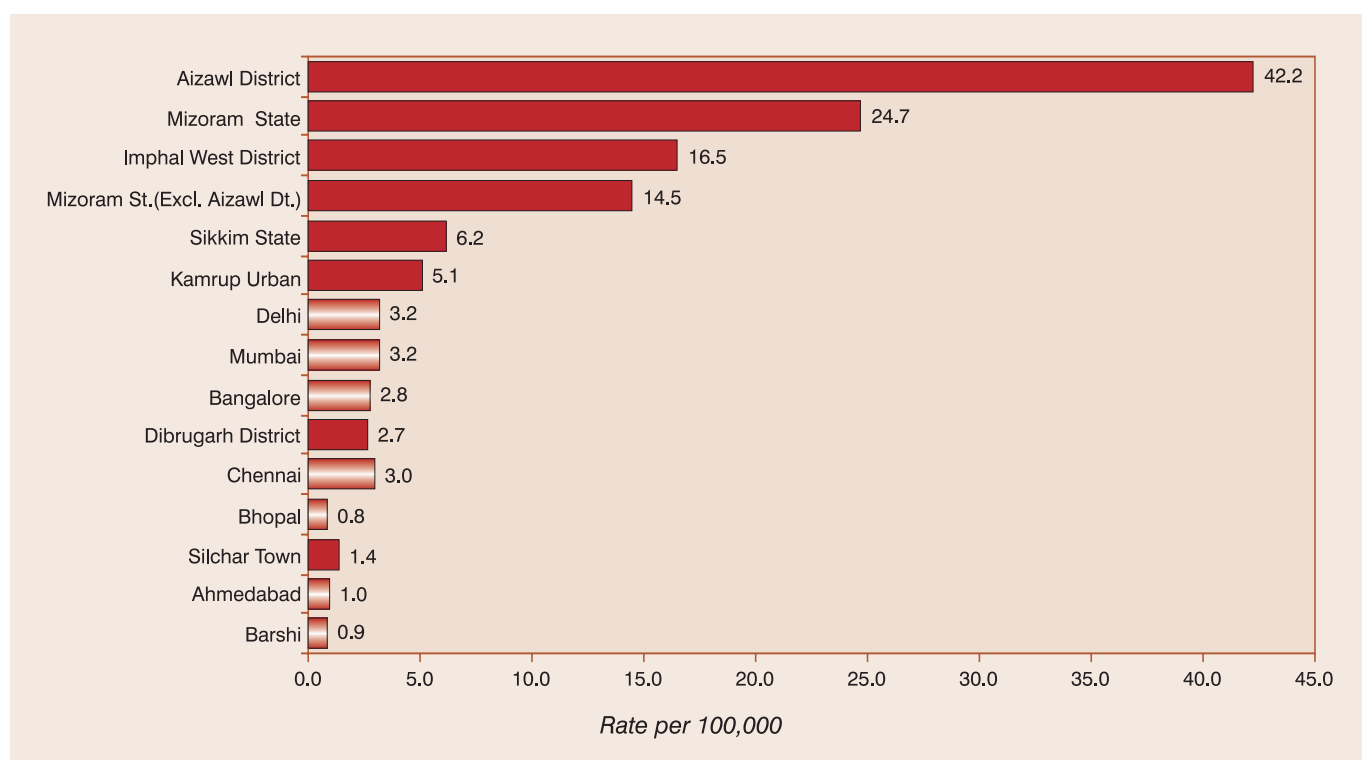
Fig. 6.13 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**LUNG (C33-C34)****MALES****FEMALES**

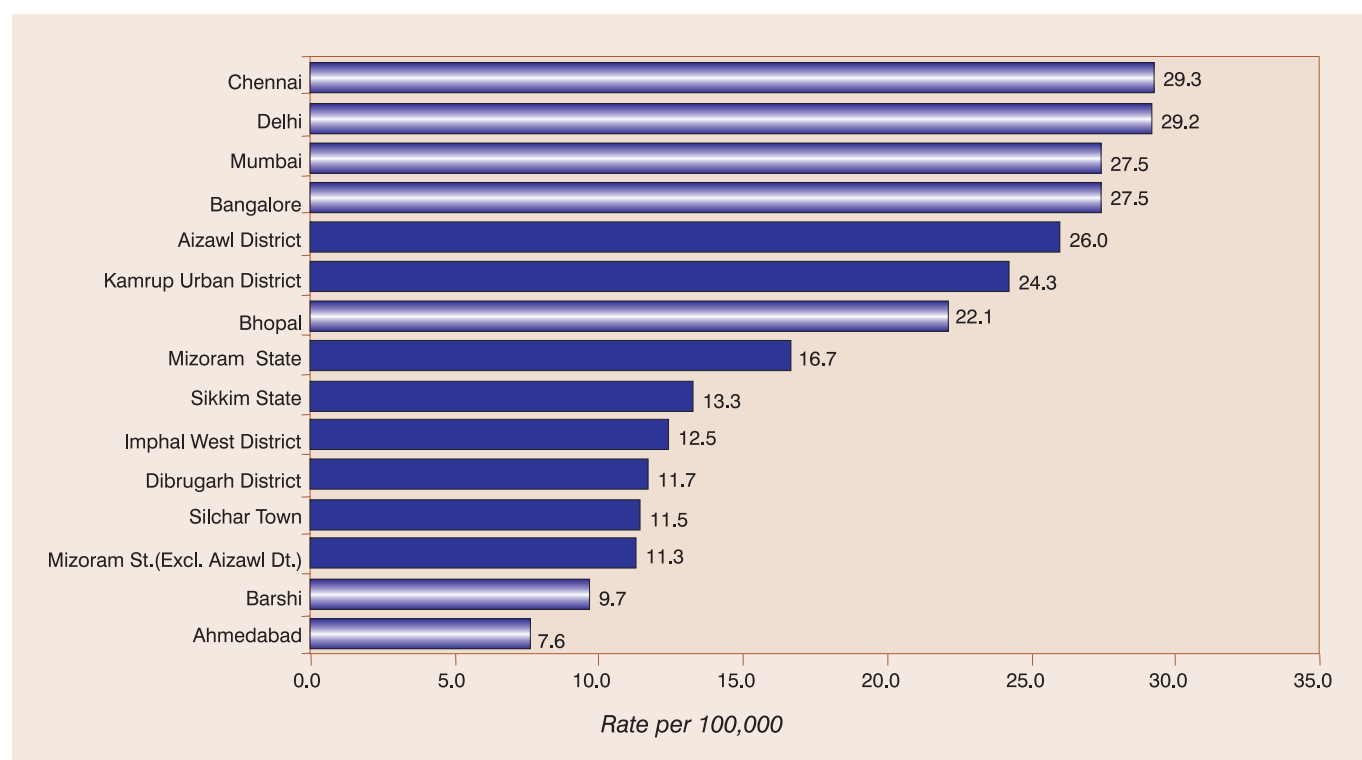
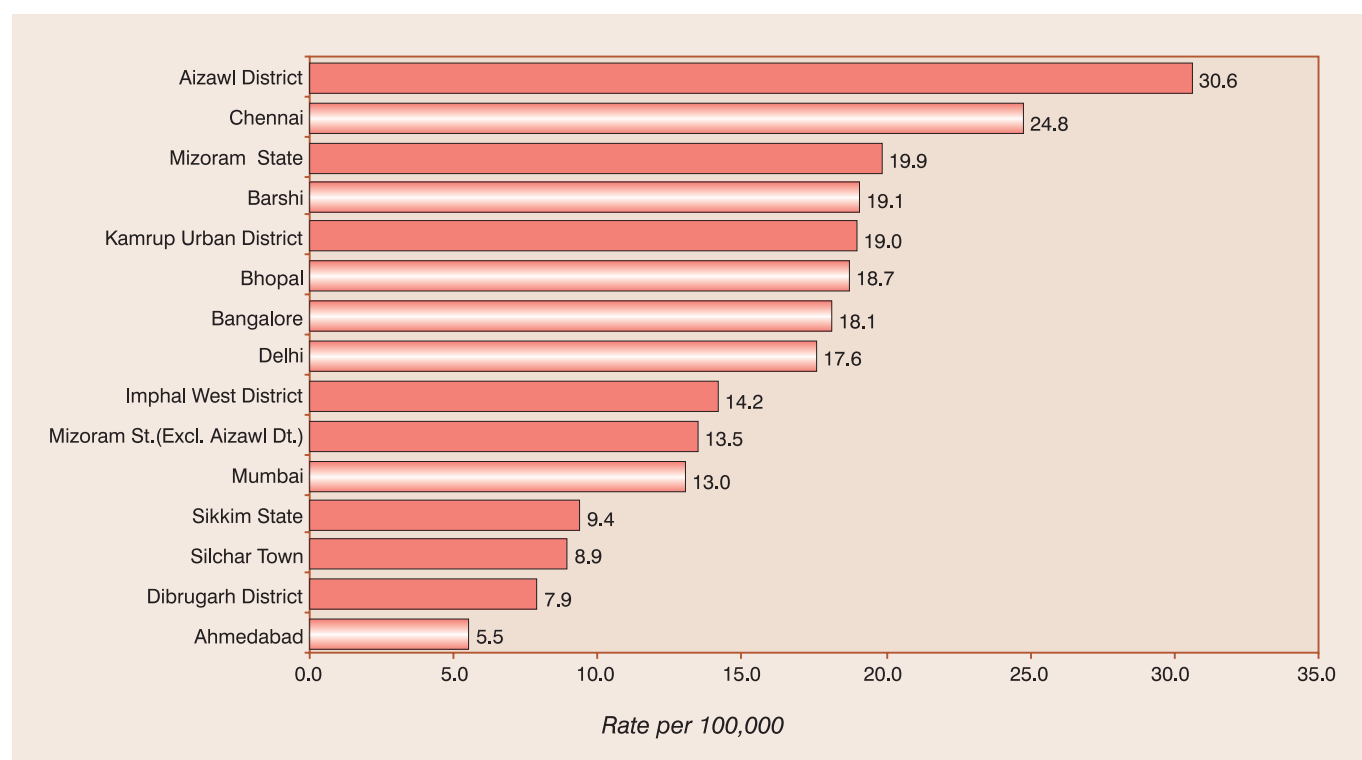
Fig. 6.14 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**BREAST (C50) - FEMALES****Fig. 6.15 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs****CERVIX UTERI (C53) - FEMALES**

Fig. 6.16 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs
PENIS (C60) - MALES

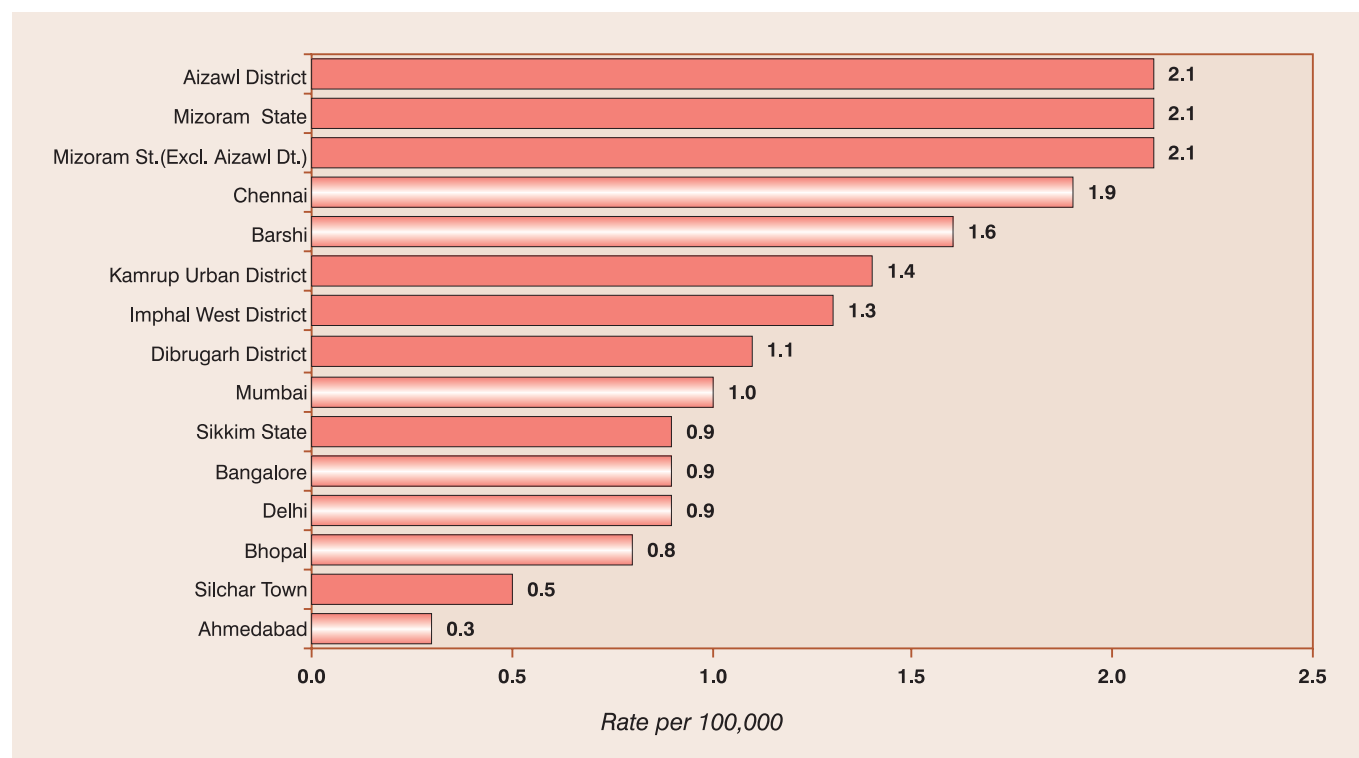


Fig. 6.17 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs
HODGKIN'S DISEASE (C81) - MALES

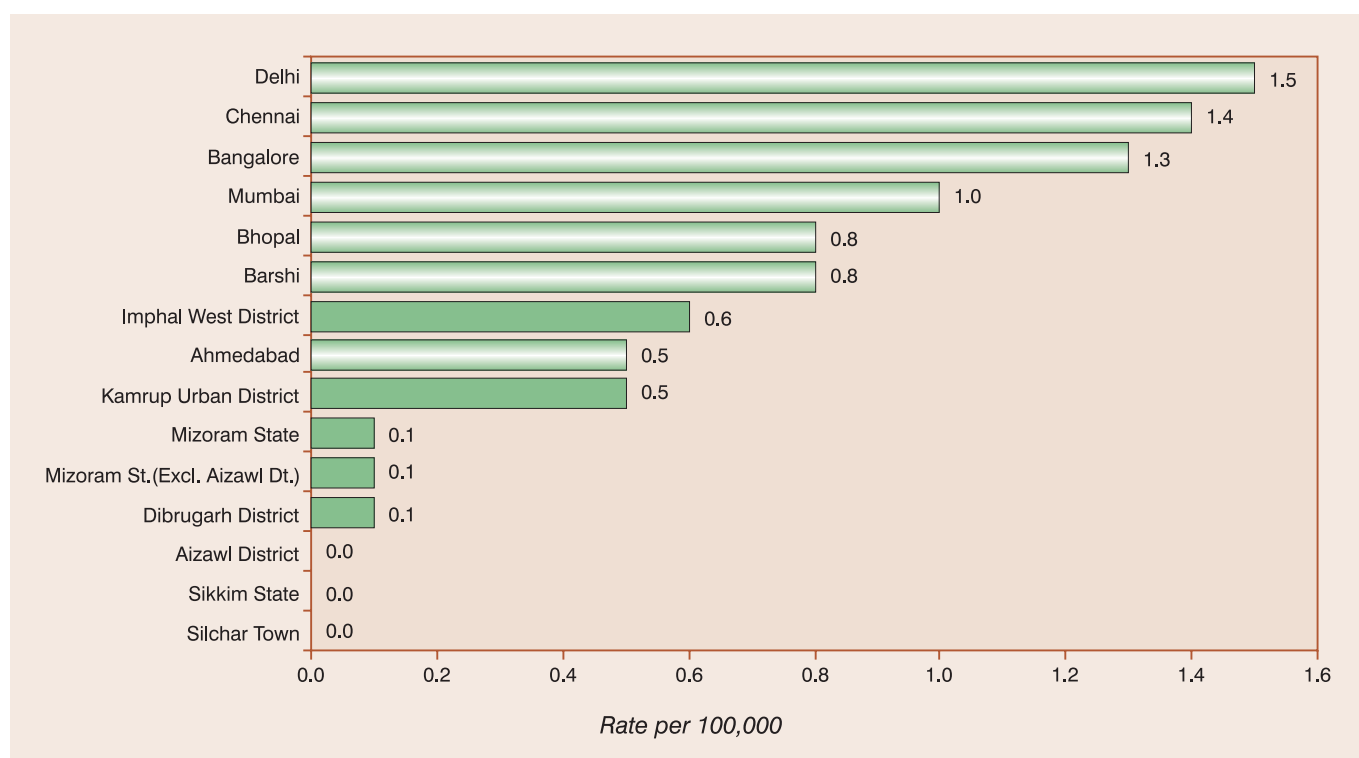


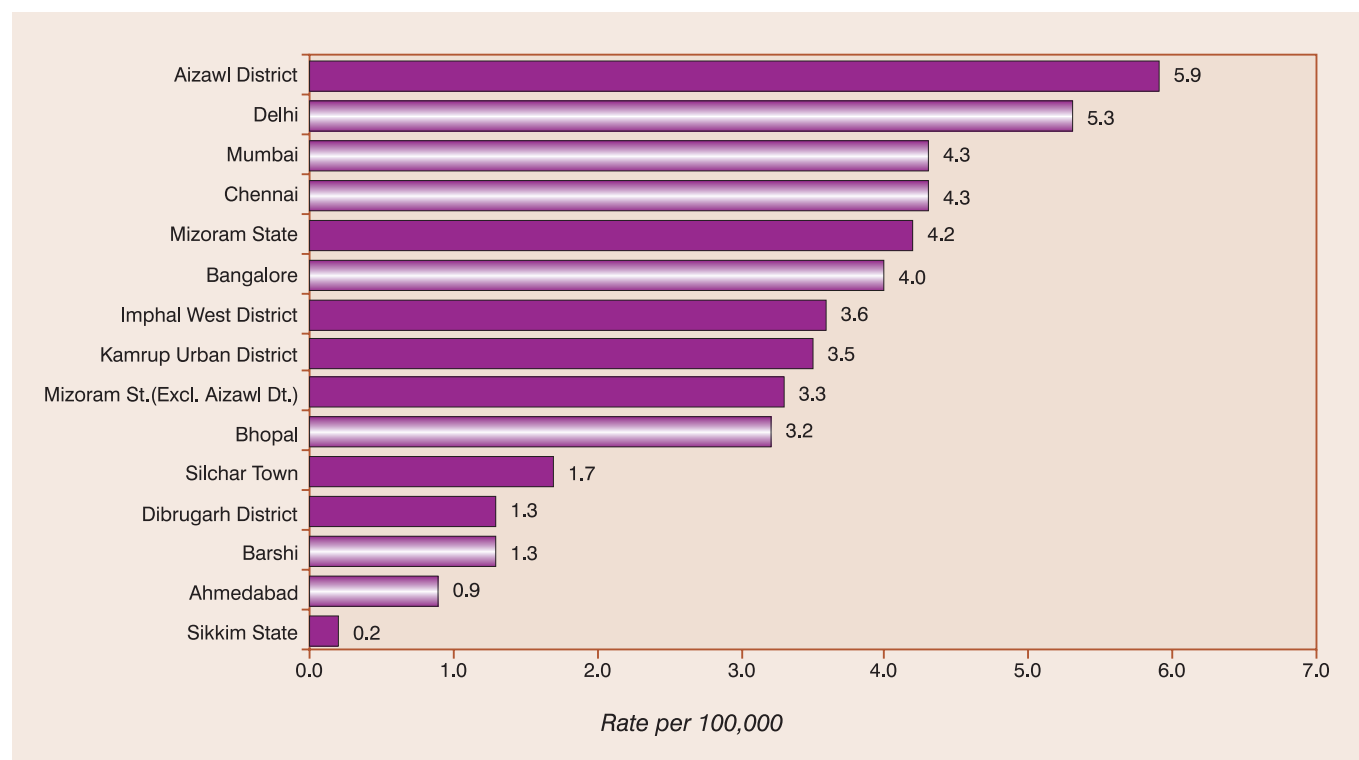
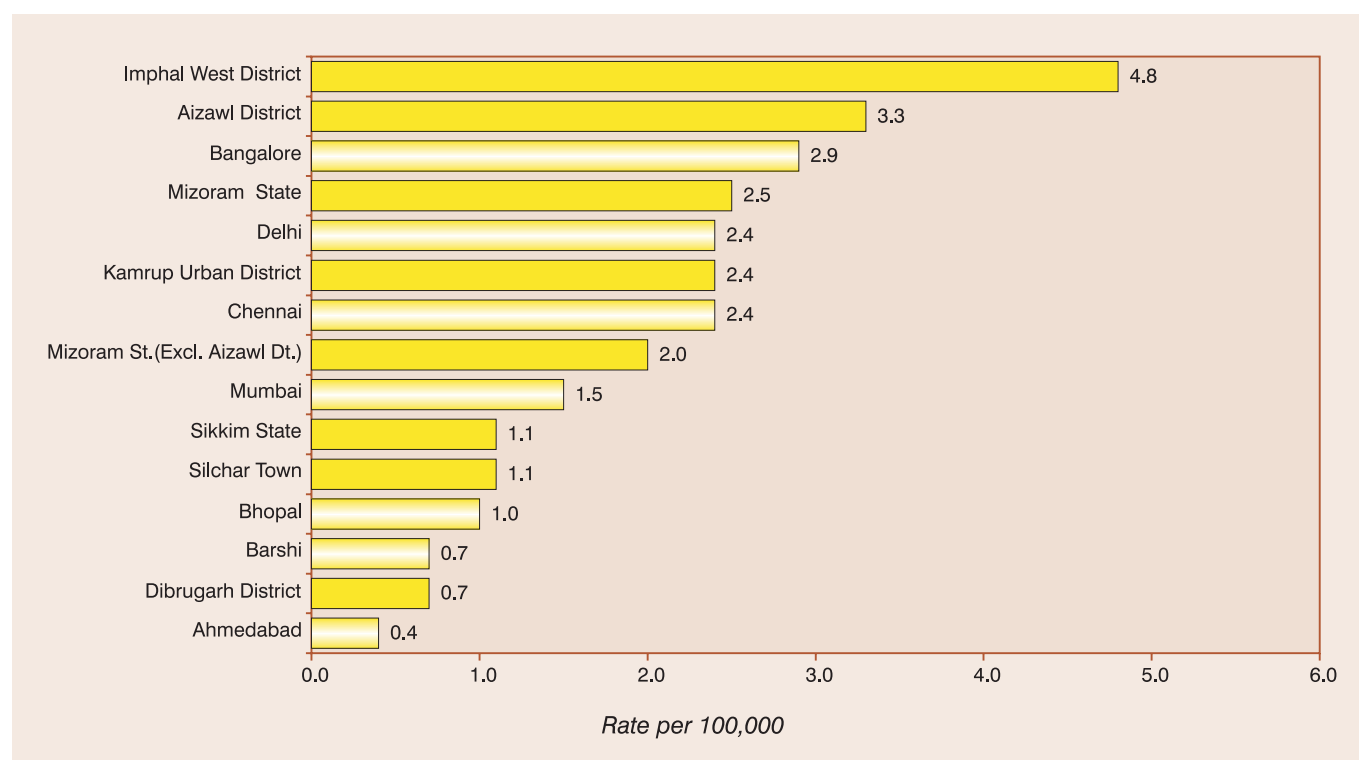
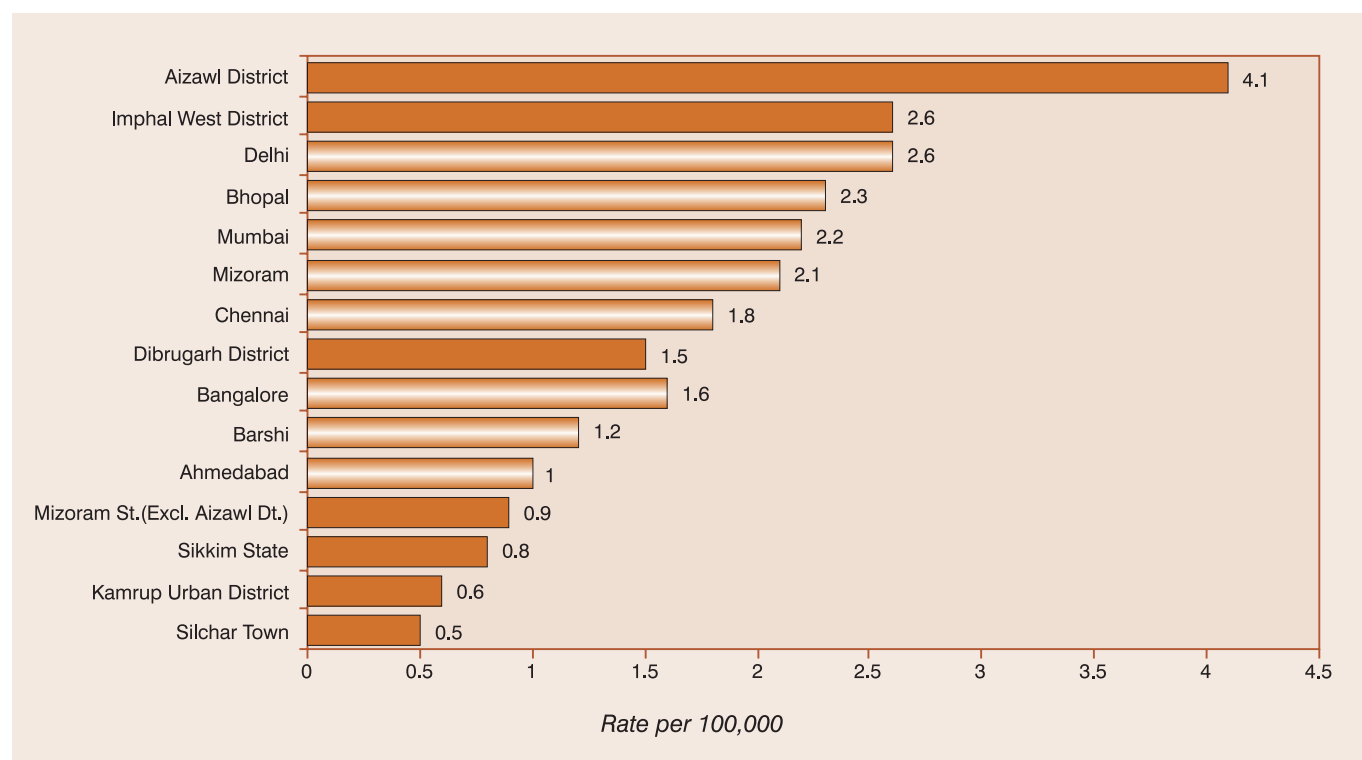
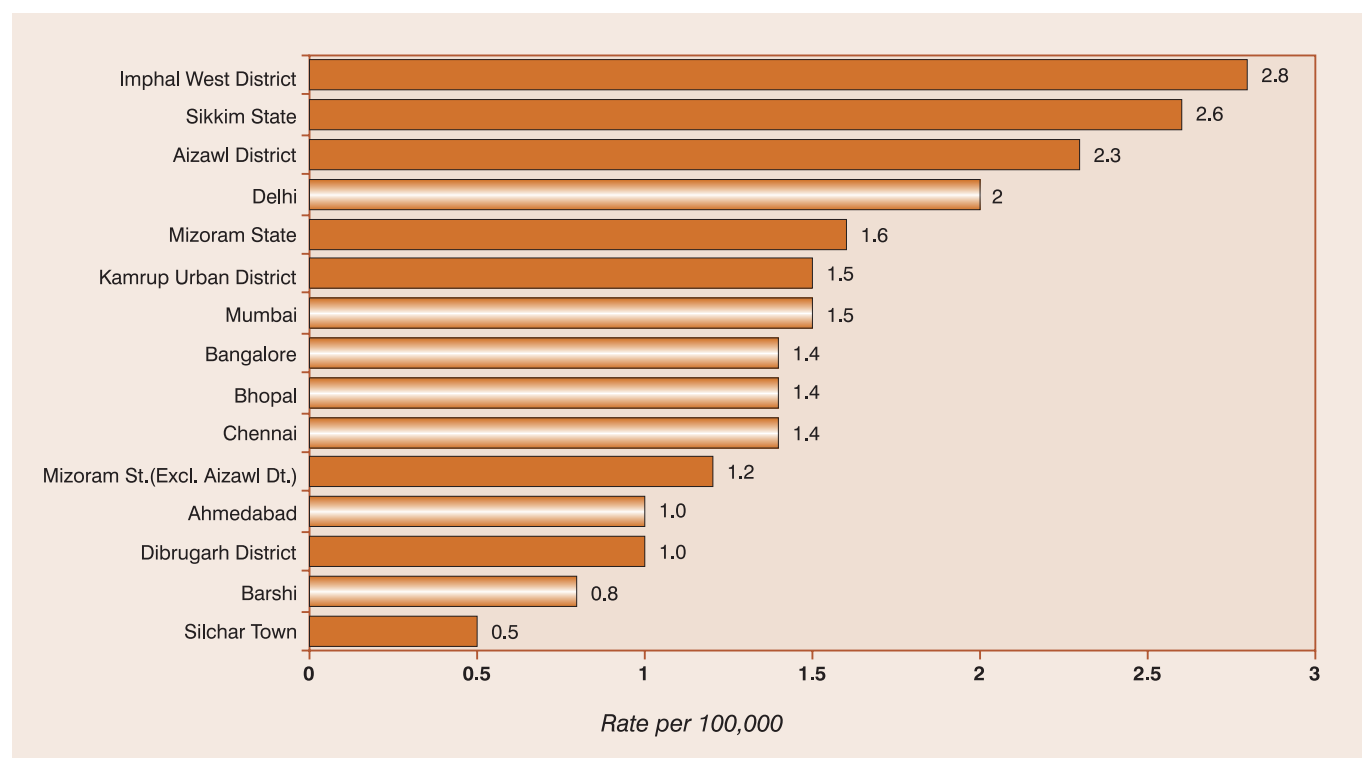
Fig. 6.18 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**NON-HODGKIN'S LYMPHOMA (C82-85,C96) - MALES****Fig. 6.19 : Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs****THYROID (C73) - FEMALES**

Fig. 6.20: Comparison of Age Adjusted Incidence Rates (AARs) Across All PBCRs**MYELOID LEUKAEMIA (C92-94)****MALES****FEMALES**

Chapter 7

DATA QUALITY AND INDICES OF RELIABILITY

The cancer registry is a source of information. Quality is a property of the data and a product of the techniques used to create them. The quality of information is a product of the quality of the data and the quality of their presentation. The five main areas of consideration of quality in a PBCR are,

1. **Completeness of coverage:** to obtain information on all cancers diagnosed in the population so as to ensure a high degree of case ascertainment;
2. **Adequacy of data:** to have certain core and critical items of patient information on all cases;
3. **Accuracy of data:** to ensure that data are free from erroneous abstraction, coding, data entry etc.;
4. **Comparability of data:** to adopt information techniques in coding, classification etc., that would assure comparability internally and externally;
5. **Reliability of data:** to ensure reliability of data through periodic audits.

Along with the above objectives, the registries routinely undertake various exercises to ensure that the data they gather and process is of high quality. Based on the publication "Comparability and Quality Control in Cancer Registration" published by the International Agency for Research on Cancer (Parkin et al, 1994) and suitably modified so as to be practically applicable for the set-up of the cancer registries under the NCRP, these exercises include:

1. **Details of sources of registration:** To minimize duplicate registrations at an early stage and identify number of cases whose residential status including duration of stay remains unknown, a comprehensive account of the various sources of registration is obtained. The latter helps in pinpointing sources and the channels of referral of these resident unknown cases where greater efforts are made to minimize such cases. This exercise also helps in knowing the number of sources of registration per case - an index to assess coverage.
2. **Notification per case:** By notification per case is meant, the different types of reports confirming the diagnosis of cancer in a given case. For example, a patient with a lump in the breast could initially have fine needle aspiration cytology, followed by a biopsy and finally a mastectomy specimen, with all three reports having evidence of malignancy. Notifications per case give an idea of the diagnostic work-up and mechanics of reporting while also providing an indirect measure of completeness of coverage.
3. **Re-abstraction of Random Sample:** All registries regularly re-abstract a ten percent random sample of cases. This is done by supervisory staff, and the core proforma is completed afresh for all these cases, without reference to the original abstracts. Differences between original and re-abstracted data are tabulated and categorized into minor and major disagreements, justifiable disagreements and errors. The above tabulations are prepared by all registries and presented and discussed in the NCRP workshops every year. Overall such re-abstraction errors have been less than five percent.

4. Range and Consistency Checks: Besides data entry and other checks carried out by the registries, the Coordinating Unit has developed a comprehensive software programme which checks the quality of the data online. This quality control involves range checks, consistency checks, duplicate checks and unknown primary site checks.

Apart from the above steps, within the data itself, there are certain indices of reliability. These include the proportion of microscopic verification, the proportion of cases categorized as "Death Certificate Only" and the Mortality Incidence Ratio.

Proportion of microscopic verification

This is an indicator of the validity of diagnostic information (Parkin et al, 1994).

Death Certificate Only

These are cases for which there is no other information other than a death certificate with cancer mentioned as a cause of death. These cases are obtained through the death registration units etc and cannot be matched with any of the registered cases. To some extent the proportion of these cases reflect the proportion of cancer cases that could possibly be missed by the registry. Generally such cases should be minimal.

Mortality Incidence Ratio

As described in the Chapter 5, the mortality incidence percent (M/I%) is another important indicator of completeness. In general, in cancers with very poor survival such as cancer of liver, the M/I% will be close to 1 (or 100%). Cancers with better survival like breast cancer would have figures less than one.

Table 7.1 provides information on Proportion of Microscopically Verified Cases, Proportion of DCO's and Mortality Incidence percent. The microscopic verified cases in males ranged from 76.4% in Ahmedabad to 87.3% in Bhopal. The maximum of M/I% was found in Barshi (78.5%) followed by Mumbai (51.1%), Ahmedabad (50%), Chennai (42.0%), Bangalore (36.5%), Bhopal (29.3%) and Delhi (12.6%).

In females, the Proportion of Microscopic Verified Cases ranged from 75.4% in Ahmedabad to 89.4% in Bhopal. The maximum of M/I% was found in Barshi (73.0%) followed by Mumbai (44.3%), Ahmedabad (36%), Chennai (31.4%), Bangalore (26.4%), Bhopal (25.6%) and Delhi (9.3%).

TABLE 7 : Proportion of Microscopic Verification (MV%), Proportion of DCO's (DCO%) and Mortality-Incidence Percent (M/I%) (2001-2003).

Registry	MALES			FEMALES		
	MV%	DCO%	M/I%	MV%	DCO%	M/I%
Bangalore	83.3	7.6	36.5	87.2	5.5	26.4
Barshi	86.1	0.3	78.5	89.0	0.8	73.0
Bhopal	87.3	3.3	29.3	89.4	3.6	25.6
Chennai	77.4	2.6	42.0	83.6	2.5	31.4
Delhi	83.2	1.4	12.6	81.5	1.1	9.3
Mumbai	84.4	6.8	51.1	85.8	6.2	44.3
Ahmedabad *	76.4	9.8	50.0	75.4	12.5	36.0

* for the year 2004 of Ahmedabad district (other than Ahmedabad urban).

Chapter 8

DEFINITIONS, STATISTICAL TERMS AND METHODS USED IN CALCULATIONS

Cancer Case: All neoplasms with a behaviour code of '3' as defined by the International Classification of Diseases - Oncology, (Third edition) are considered reportable and therefore registered.

Age-Group: The age groups used for estimating populations as well as grouping cancer cases is as per the WHO guidelines which is 0-4, 5-9, 10-14....75+. According to the same definition the age group 0-14 constitutes childhood cancer.

Incidence: Cancer incidence denotes new cases diagnosed in a defined population in a specified time period. For this report all cancer cases diagnosed from 1 January 2001 to 31 December 2003 in the different geographic areas covered by the seven population based cancer registries, are included.

Rates: Rates for cancer are always expressed per 100,000 population. For childhood cancer this may be expressed as per one million, but the latter is not used in this report.

Crude Incidence Rate (CR): This refers to the rate obtained by division of the total number of cancer cases by the corresponding estimated population (mid-year) and multiplying by 100,000.

$$CR = \frac{\text{New cases of cancer of a particular year}}{\text{Estimated population of the same year}} \times 100,000$$

Age Specific Rate (ASpR): This refers to the rate obtained by division of the total number of cancer cases by the corresponding estimated population in that age group and gender/site/geographic area/ time period and multiplying by 100,000.

$$ASpR = \frac{\text{New cases of cancer of a particular year in the given age group}}{\text{Estimated population of the same year for the given age group}} \times 100,000$$

Age Adjusted or Age Standardised Rate (AAR): Cancer incidence increases as age increases. Therefore the higher the proportion of older population the higher the number of cancers. Most developed and western countries have a higher proportion of older population. So in order to make rates of cancer comparable between developed and developing countries a world standard population (given below) that takes this into account is used to arrive at age adjusted or age standardised rates. This is calculated according to the direct method (Boyle and Parkin, 1991) by obtaining the age specific rates and applying these rates to the standard population in that age group. The world standard population approximates the proportional age distribution of the world and is given below:

TABLE 8.1: Age Distribution of World Standard Population

Age Group	World Standard Population
0 – 4	12,000
5 – 9	10,000
10 – 14	9,000
15 – 19	9,000
20 – 24	8,000
25 – 29	8,000
30 – 34	6,000
35 – 39	6,000
40 – 44	6,000
45 – 49	6,000
50 – 54	5,000
55 – 59	4,000
60 – 64	4,000
65 – 69	3,000
70 – 74	2,000
75 +	2,000
All Ages	100,000

$$AAR = \frac{\sum_{i=1}^A a_i w_i}{\sum_{i=1}^A w_i}$$

where:

a_i is the age specific rate (AspR) in age class i ;

w_i is the standard population in age class i ;

A represents the number of age intervals.

Or expressed in more simpler terms thus:

$$AAR = \frac{\sum (ASpR) \times (\text{No. of persons in Std. world population in that 5 yr. age group})}{100,000}$$

Cumulative Risk: This refers to the probability that the person will develop a particular cancer during a certain age period in the absence of any other cause of death. The Cumulative Rate (CuR) is an approximation of the cumulative risk. It is obtained by adding the annual age-specific incidence rates for each five year age interval (up to either 64 or 74 years of age or for whatever age group is to be used to calculate the cumulative risk) multiplied by 5 (representing the five year age interval) times 100/100,000.

$$\text{CuR} = \frac{5 \times \sum (\text{ASpR}) \times 100}{100,000}$$

and Cumulative Risk is expressed as

$$\text{Cumulative Risk} = 100 \times [1 - \exp(-\text{cumulative rate}/100)]$$

Truncated Age Adjusted Incidence Rate (TR): This is similar to the age adjusted rate except that it is calculated for the truncated age group 35-64 years of age.

Trends in Age Adjusted Incidence Rates: The significance of trend in AAR was assessed based on the method and formula provided by Boyle and Parkin, 1991.

Coding Manual: The coding manual (NCRP, 1987) has been used by all registries, in abstracting cancer patient information, coding of the same and data entry on to the computer. For Topography - Site codes, both the Tenth Revision of the International Classification of Diseases (ICD-10) (WHO, 1994) as well as the ICD-O (Oncology) Third Edition (WHO, 2000) have been used. For Morphology codes the latter has been used.

The census populations of 1991 and 2001 have been used in this report to calculate the estimates of population for the years 2003 and 2004 using the method described below.

THE DIFFERENCE DISTRIBUTION METHOD FOR ESTIMATION OF POPULATIONS BY FIVE YEARLY AGE GROUPS AND ITS VALIDITY

In India, the Census is providing the population figures once in every 10 years starting from the year 1951. The latest Census was conducted in the year 2001. Thus, for cancer incidence data, to provide various rates for a given year, lying between any two-census years, the calculation of population estimates assumes importance.

For the estimation of the mid year population usually the Exponential Growth Rate Method is used and the formulae that are used in this method are shown below :

$$r = (P_t / P_0)^{1/t} - 1, \dots \dots \dots (1)$$

$$P_x = P_0 * (1 + r)^x \quad \text{when } 0 < x < t \dots \dots \dots (2)$$

$$P_x = P_t * (1 + r)^{x-t} \quad \text{when } x > t \dots \dots \dots (3)$$

The population growth rate is assumed to remain the same after the time x.

Five yearly age groups considered for providing the age specific rates:

In Cancer Epidemiology, the following five yearly age groups are usually considered to calculate the various age specific rates:

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 & above. These age groups are referred with the help of $i = 1, 2, 3 \dots 16$. For example for $i = 1 \Rightarrow$ the 0-4 years age group is referred; for $i = 2$ the 5-9 years

The Difference Distribution Method:

This method makes use of the five yearly age distributions of immediately preceding two Census years. Assume that for a given area a_{i91} and a_{i01} denotes the population of i^{th} five yearly age group for $i=1, 2, 3 \dots 16$ for the Census years 1991 and 2001, respectively. Then, calculate the difference (d_{i0191}) in the population for each age group and express it as the proportion (p_{i0191}) of the overall change in the population (D_{0191}). Thus, in notations:

$$d_{i0191} = a_{i01} - a_{i91} \quad \forall i = 1, 2, 3 \dots 16. \quad D_{0191} = \sum d_{i0191}$$

$$p_{i0191} = (d_{i0191} / D_{0191}) \quad \forall i = 1, 2, 3 \dots 16$$

To estimate the five yearly age groups populations for the year x , the Difference Distribution Methods requires the knowledge of the following two populations 1) Base population (P_{1991}) and 2) The population (P_x) at time x which can be estimated using the formula (1), (2) or (3). Then, proceed as follows:

Case I: When $1991 < x < 2001$

Let $D_{x91} = (P_x - P_{91})$ then

$$a_{ix} = a_{i91} + (D_{x91} * p_{i0191}) \quad \forall i = 1, 2, 3 \dots 16$$

Case II: When $x > 2001$

Let $D_{x01} = (P_x - P_{01})$ then

$$a_{ix} = a_{i01} + (D_{x01} * p_{i0191}) \quad \forall i = 1, 2, 3 \dots 16$$

$$P_x = \sum a_{ix} \quad \forall i = 1, 2 \dots 16 \text{ and } x \text{ denotes the last two digits of the year.}$$

It is assumed here that the difference distribution remains the same after the year 2001.

The Table 8.2 demonstrates the application of the above method for the estimation of five yearly age group populations using the Census data of Chennai PBCR area for males for the year 2003. The five yearly age group populations for the Census years of 1991 (a_{i91}) and 2001 (a_{i01}) are shown in column 2 & 3, respectively. Their differences (d_{i0191}) and the corresponding difference proportions (p_{i0191}) are shown in column 4 & 5, respectively. The estimated growth and the estimates of five yearly age group populations

for the year 2003 are provided in column 6 & 7, respectively. The population estimates of 0-4 years and 5-9 years have shown a decreasing trend while the other age groups have shown an increasing trend as compared to the populations of the year 2001.

It is shown that the proposed Difference Distribution Method, unlike the Proportion Method, is able to maintain both the negative as well as the positive growth in different five yearly age group populations. It has maintained the negative growth in 0-4 years and 5-9 years and maintained the positive growth in other five yearly age groups. The proposed method also maintains the overall growth rate unlike seen in the case of Individual Exponential Growth Rate Method. Thus, the proposed method scores over both the current methods, which are in use in the projection of the five yearly age group population.

TABLE 8.2: Population Estimation by five yearly age groups, using Different Distribution Method -Chennai (India) - 2003

Age Groups (1)	Census 1991 (a _{i91}) (2)	Census 2001 (a _{i01}) (3)	Difference = (a _{i01} - a _{i91}) (4)	Difference proportion $p_{i0191} = (d_{i0191} / D_{0191})$ (5)	Estimated growth by 2003 $g_{i0301} = (D_{0301} * p_{i0191})$ (6)	Estimated Population by age group a _{i03} = a _{i01} + g _{i0301} (7)
0-4	167407	156443	-10964	-0.047	-2343	154101
5-9	191025	174686	-16339	-0.07	-3491	171195
10-14	195524	200575	5052	0.0217	1079	201655
15-19	198581	216803	18222	0.0781	3894	220697
20-24	216844	231618	14774	0.0633	3157	234775
25-29	200616	226999	26383	0.1131	5637	232636
30-34	168146	197627	29482	0.1264	6299	203927
35-39	151786	181515	29729	0.1274	6352	187867
40-44	125427	148448	23020	0.0987	4919	153367
45-49	98541	130115	31575	0.1354	6747	136862
50-54	81152	104987	23835	0.1022	5093	110080
55-59	62384	70861	8477	0.0363	1811	72672
60-64	52094	64215	12122	0.052	2590	66805
65-69	31846	44587	12741	0.0546	2722	47309
70-74	22924	32622	9697	0.0416	2072	34694
75+	21982	37437	15455	0.0663	3302	40739
Total	1986278	2219539	233261	1.0000	49842	2269381
$D_{0191} = \sum(d_{i01}) = 233261$ $P_{03} = 2269381; P_{01} = 2219539$ $D_{0301} = P_{03} - P_{01} = 49842$						

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INDIVIDUAL REGISTRY DATA: 2001-2004

Write up and Selected Detailed Tabulations

BRIEF DESCRIPTION OF REGISTRY

FIGURE 1:

Population pyramid showing age distribution

LIST OF TABLES

1. Main Sources of Registration of Incident Cancers.
2. Number of Incident Cancers by Five Year Age Group and Site (ICD-10).
3. Average Annual Age Specific, Crude, Age Adjusted (with Standard Error) and Truncated (35-64 Yrs) Incidence Rate per 100,000 population.
4. Cumulative Rate & Cumulative Risk of Individual Sites Based on Age Specific Rates (from 0-64 Years and from 0-74 Years).

			<u>Page Nos.</u>
Bangalore	-	BLR	78
Barshi	-	BRS	97
Bhopal	-	BHP	116
Chennai	-	CHN	135
Delhi	-	DEL	154
Mumbai	-	MUM	174
Ahmedabad	-	AHM	193

POPULATION BASED CANCER REGISTRY, BANGALORE

Kidwai Memorial Institute of Oncology, Bangalore

Dr. P.P. Bapsy, Director I/C & Principal Investigator.

Dr. K. Ramachandra Reddy, Prof. & Head and Co-Principal Investigator

To study cancer patterns in Bangalore Urban Agglomeration a Population Based Cancer Registry (PBCR) was established at Kidwai Memorial Institute of Oncology - a Regional Cancer Centre in Karnataka, in December 1981 under auspices of the National Cancer Registry Programme of the Indian Council of Medical Research. The registry operation commenced from January 1982 and has completed over two decades of its functioning. The registry covers the resident population of Bangalore Urban Agglomerate which has an area of 365.7 sq. kms. Bangalore is the capital city of state of Karnataka, and lies at 13°N and 78°E. It is situated at an altitude of 931 meters above sea level.

The urban agglomeration has been divided into Bangalore Mahanagara Palike consisting of 100 wards and adjoining 8 city municipal councils and 30 death registration units for administrative convenience. The Population Based Cancer Registry covers an estimated urban population of 6.2 millions as on 2003. Bangalore is one of the fastest growing city in the country and many new hospitals with high-tech facilities are coming up every year. The major sources of cancer cases are Kidwai Memorial Institute of Oncology followed by the Bangalore Institute of Oncology, Curie Institute of Oncology etc., During the year 2001-2003, a total number of 6112 male and 7247 females cases were registered. Gradual increase in the total number of cases compared to the previous years was observed. The crude incidence rate (CR), age adjusted incidence rate (AAR) and truncated incidence rate (TR) among males and females during 2001-03 were 65.0, 95.5, 147.2 and 85.0, 115.1, 229.7 respectively. The incidence rates of cancer in females were higher than males. Among males cancer of the stomach continued to be the most predominant site of cancer closely followed by lung, oesophagus, prostate, brain and others. Among females, cancer of the breast is the first leading site of cancer followed by cervix, oesophagus, ovary, mouth, stomach and others.

Tobacco related cancers accounted for 34.7% of the total cancers in males and 16.2% of the total cancer in females. Among tobacco related cancers in males cancer of the lung, oesophagus, hypopharynx and tongue were predominant whereas among females cancer of the oesophagus, mouth and lung were predominant. Childhood cancers (0-14 years) accounted for about 2.69% of all cancers in both males and females with a slight male predominance. The mortality to incidence ratio was 31.0%.

METHOD OF CANCER REGISTRATION

The Assistant Social Scientists of the registry visit various source of registration i.e., Govt. hospitals, private hospitals, teaching hospitals, nursing homes, diagnostic laboratories to collect the data on cancer

cases who are residents of Bangalore Urban Agglomeration. These Assistant Social Scientists visit the sources according to the regular weekly schedules. A residential criteria of being stayed in Bangalore Urban Agglomeration for at least one year at the time of diagnosis of cancer is followed as per NCRP guidelines. Information on cancer cases is collected by interviewing the patients wherever possible and or from medical records. Only invasive cancer i.e., 5th digit morphology code of "3" or "6" are reported, benign tumors and in-situ cancers are not included for analysis. Data on mortality are collected from the death registers maintained at the corporation death units and city municipal councils.

The registry staff is well trained in their respective fields by exposure to many training programmes in epidemiology and cancer registration conducted in India.

Registry Staff (PBCR)

Mr. K. Puttaswamy	:	Senior Biostatistician
Mr. K.V. Krishna Reddy	:	Junior Biostatistician
Mr. B.R. Gopalakrishnappa	:	Field Supervisor
Mr. T. Venkatesh	:	Supervisor (on deputation from ATC)
Mr. N.M. Srirama Reddy	:	Asst. Social Scientist
Mr. Rajanna	:	Asst. Social Scientist
Mr. T.C. Venugopal	:	Asst. Social Scientist
Mrs. A.T. Vinutha	:	Asst. Social Scientist
Mr. Srinivasa	:	Asst. Social Scientist
Mr. C.S. Dayananda	:	Asst. Social Scientist
Mr. P. Manjunatha	:	Asst. Social Scientist (on deputation from ATC)
Mr. B.M. Gangaiah	:	Data Entry Operator
Mr. K. Kanthu	:	Attender

Figure BLR-1

Population Pyramid showing Age Distribution: 2001-2003

Bangalore Urban Agglomeration

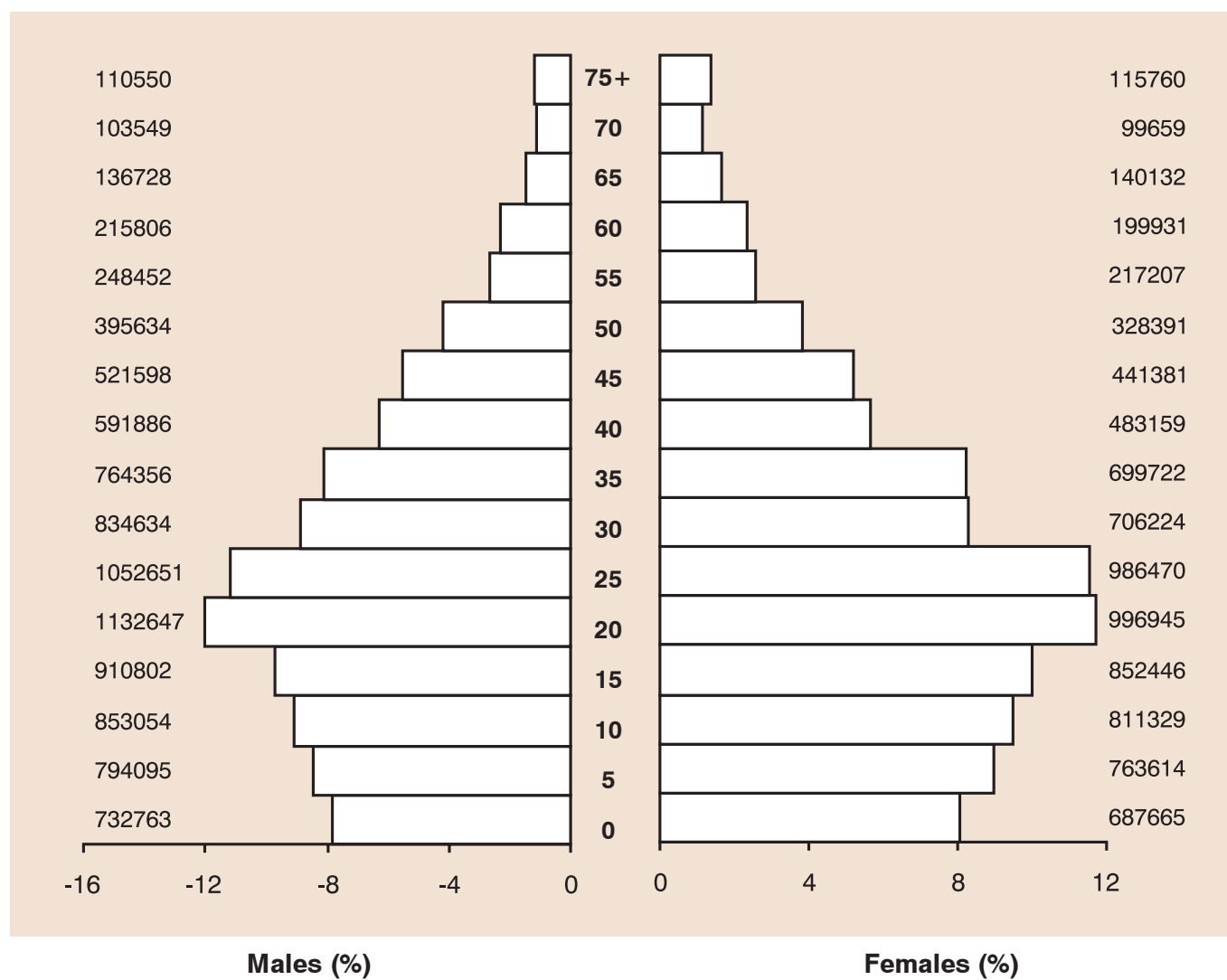


TABLE: BLR - 1**Population by Five Year Age Group and Gender: 2001-2003***Number and Relative Proportion (%)***Bangalore Urban Agglomeration**

Age Group	MALES		FEMALES	
	Number	%	Number	%
0-4	732763	7.80	687665	8.06
5-9	794095	8.45	763614	8.95
10-14	853054	9.08	811329	9.51
15-19	910802	9.69	852446	9.99
20-24	1132647	12.05	996945	11.69
25-29	1052651	11.20	986470	11.56
30-34	834634	8.88	706224	8.28
35-39	764356	8.13	699722	8.20
40-44	591886	6.30	483159	5.66
45-49	521598	5.55	441381	5.17
50-54	395634	4.21	328391	3.85
55-59	248452	2.64	217207	2.55
60-64	215806	2.30	199931	2.34
65-69	136728	1.45	140132	1.64
70-74	103549	1.10	99659	1.17
75+	110550	1.18	115760	1.36
Total	9399206	100.00	8530037	100.00

TABLE : BLR- 2
Main Sources of Registration of Incident Cases of Cancer : 2001-2003
Bangalore PBCR

Name of the Institution	Number	%
Kidwai Memorial Institute of Oncology	5126	38.37
Bangalore Institute of Oncology	1839	13.77
Curie Institute of Oncology	859	6.43
D.C.O.	841	6.30
Manipal Hospital	740	5.54
St. John Medical College & Hospital	647	4.84
M S Ramaiah Medical College	504	3.77
CDR Medical Centre	334	2.50
St Marthas Hospital	304	2.28
Dr. Kannan J. Gharpure LAB	241	1.80
Anand Diagnostic Laboratory	226	1.69
St. Philomenas Hospital	180	1.35
Dr. Deshpande Clinical & Path Lab	180	1.35
Mallya Hospital	180	1.35
Bangalore Hospital	140	1.05
NIMHANS	117	0.88
Bangalore Baptist Hospital	113	0.85
Bowring and Lady Curzon Hospital	105	0.79
Others	683	5.11
Total	13359	100.00

1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 2001-2003.
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-3 (a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Males

% = Relative Proportion of Cancers of All Sites.

Bangalore PBCR

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	2	-	-	1	1	1	1	-	-	6	0.1
C01-02	Tongue	-	-	-	-	-	1	4	4	16	28	33	26	39	36	19	17	-	223	3.65
C03-06	Mouth	-	-	-	1	1	2	2	8	11	16	24	25	34	25	9	17	1	176	2.88
C07-8	Salivary Gland	-	-	-	2	2	1	1	3	2	5	8	4	7	4	2	4	-	45	0.74
C09	Tonsil	-	-	-	-	-	1	-	1	4	7	8	8	8	7	3	5	-	52	0.85
C10	Oth. Oropharynx	-	-	-	-	-	-	-	1	1	7	10	9	11	9	7	6	-	61	1
C11	Nasopharynx	1	-	1	3	2	1	2	-	-	2	5	2	5	2	3	2	-	31	0.51
C12-13	Hypopharynx	-	-	-	-	1	2	2	6	9	19	32	42	46	37	27	38	-	261	4.27
C14	Pharynx Unspecified	-	-	-	-	1	-	-	-	1	6	12	2	9	9	10	5	-	55	0.9
C15	Oesophagus	-	-	-	-	-	2	3	8	20	38	64	62	74	64	58	60	-	453	7.41
C16	Stomach	-	-	-	-	4	9	18	22	37	44	69	64	89	63	73	75	1	568	9.29
C17	Small Intestine	-	-	-	-	1	-	-	1	2	-	3	5	3	1	2	2	-	20	0.33
C18	Colon	-	-	-	-	4	2	8	12	16	18	18	25	36	27	26	28	-	220	3.6
C19-20	Rectum	-	-	-	1	1	4	4	16	11	8	26	26	23	32	33	22	-	207	3.39
C21	Anus & Anal Canal	-	-	-	-	1	1	1	-	4	8	3	4	-	2	2	3	-	29	0.47
C22	Liver	-	1	-	-	-	4	5	4	6	17	32	26	37	37	29	39	-	237	3.88
C23-24	Gallbladder etc.	-	-	-	-	-	3	1	1	7	6	7	5	8	7	3	7	-	55	0.9
C25	Pancreas	-	1	-	-	-	1	2	5	6	8	13	14	12	13	12	6	2	95	1.55
C30-31	Nose, Sinuses etc.	1	-	1	1	-	-	2	-	4	4	2	5	1	1	1	2	-	25	0.41
C32	Larynx	-	-	-	1	1	1	1	5	11	14	25	29	38	29	29	15	1	200	3.27
C33-34	Lung etc.	-	-	-	-	3	3	5	14	12	30	55	55	79	89	73	79	-	497	8.13
C37-38	Other Thoracic Organs	-	-	-	2	-	3	-	-	1	2	3	2	1	2	1	1	-	18	0.29
C40-41	Bone	1	2	8	8	8	8	7	2	4	5	8	4	2	2	3	2	-	74	1.21
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.02
C44	Other Skin	-	-	1	-	1	2	-	4	9	6	11	12	10	10	10	17	1	94	1.54
C45	Mesothelioma	-	-	-	-	-	-	-	1	-	-	-	2	1	4	2	2	-	12	0.2
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	0.02
C47+C49	Conn. & Soft Tissue	2	-	-	4	6	2	1	4	3	7	10	4	2	4	4	6	-	59	0.97
C50	Breast	-	-	-	-	-	-	1	-	-	2	7	6	2	2	2	2	-	24	0.39
C60	Penis	-	-	-	-	1	-	1	6	8	6	8	7	8	6	4	6	-	61	1
C61	Prostate	-	-	-	-	-	-	-	-	-	3	7	17	42	42	84	143	-	338	5.53
C62	Testis	-	-	-	2	6	8	6	7	6	1	2	1	-	-	1	1	-	41	0.67
C63	Other Male Genital	-	-	-	-	-	-	1	-	-	2	1	1	1	2	3	2	-	13	0.21
C64	Kidney etc.	7	1	1	-	-	-	1	7	5	5	13	13	17	16	11	15	-	112	1.83
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.02
C67	Bladder	-	-	-	-	1	1	5	2	5	14	17	20	33	24	22	43	-	187	3.06
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	1	-	-	2	2	1	2	1	-	-	9	0.15
C69	Eye	5	1	-	2	-	-	-	1	-	-	-	1	3	2	1	2	-	18	0.29
C70-72	Brain, Nervous System	9	17	15	10	10	14	15	30	29	25	26	21	20	13	17	16	1	288	4.71
C73	Thyroid	-	2	2	1	3	5	8	6	9	12	7	9	11	4	5	5	1	90	1.47
C74	Adrenal Gland	-	1	-	-	-	-	1	-	-	1	-	2	1	-	-	-	-	6	0.1
C77	Sec Lymph Nodes	-	-	-	-	1	2	2	4	2	14	10	12	13	10	12	7	-	89	1.46
C78	Sec Resp & Digestive	-	-	1	-	1	1	1	1	1	4	7	9	11	6	5	8	-	56	0.92
C79	Sec Others	-	-	-	-	-	1	3	-	1	10	5	11	7	12	5	8	1	64	1.05
C81	Hodgkins Disease	2	12	8	8	11	10	7	9	12	4	8	8	6	4	3	2	-	114	1.87
C82-85,C96	NHL	4	9	10	9	9	10	15	11	17	17	40	36	32	18	24	22	1	284	4.65
C90	Multiple Myeloma	-	-	-	-	-	-	-	1	5	2	12	10	18	11	11	12	-	82	1.34
C91	Lymphoid Leuk.	24	20	21	6	7	3	4	1	4	7	3	3	6	9	2	6	-	126	2.06
C92-94	Myeloid Leukaemia	3	3	3	10	10	12	6	10	10	14	8	13	8	5	6	8	-	129	2.11
C95	Leukaemia Uns	1	2	-	1	2	1	1	-	-	2	3	-	-	1	3	-	-	17	0.28
O&U	Other and Uns	1	-	4	5	3	4	7	3	8	15	26	20	20	24	18	30	-	188	3.08
	All Sites	61	72	76	77	102	125	154	223	321	465	693	685	836	730	683	799	10	6112	100

**TABLE BLR-3 (b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Females**

% = Relative Proportion of Cancers of All Sites.

Bangalore PBCR

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	1	-	-	1	-	2	1	-	-	1	-	6	0.08
C01-02	Tongue	-	-	-	-	-	-	1	2	6	4	14	5	9	12	7	5	-	65	0.9
C03-06	Mouth	-	1	-	1	-	1	3	10	19	37	51	38	67	38	30	33	1	330	4.55
C07-8	Salivary Gland	-	1	1	-	-	4	1	2	2	-	3	3	1	1	1	2	-	22	0.3
C09	Tonsil	-	-	-	1	-	-	-	1	-	2	-	-	1	3	1	2	-	11	0.15
C10	Oth. Oropharynx	-	-	-	-	-	-	1	-	2	1	1	1	2	-	-	-	-	8	0.11
C11	Nasopharynx	-	-	1	1	1	1	1	1	1	2	-	3	2	1	-	1	1	17	0.23
C12-13	Hypopharynx	-	-	-	-	1	3	2	1	5	8	9	11	7	9	7	12	-	75	1.03
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	1	5	2	-	-	1	6	1	16	0.22
C15	Oesophagus	-	-	-	-	-	-	3	15	23	36	51	75	61	54	51	56	3	428	5.91
C16	Stomach	-	-	-	1	3	6	17	23	26	30	31	36	38	32	34	34	-	311	4.29
C17	Small Intestine	-	-	-	-	-	-	1	-	1	3	3	3	1	2	1	2	-	17	0.23
C18	Colon	-	-	-	-	-	8	2	12	14	13	27	20	15	19	16	16	-	162	2.24
C19-20	Rectum	-	-	-	-	1	10	7	9	16	19	14	12	13	18	6	19	-	144	1.99
C21	Anus & Anal Canal	-	-	-	-	-	1	1	3	1	-	4	3	-	8	3	2	-	26	0.36
C22	Liver	4	1	-	-	1	-	-	5	6	7	6	9	9	12	8	10	-	78	1.08
C23-24	Gallbladder etc.	-	-	-	-	-	1	-	5	3	7	7	5	8	6	11	8	-	61	0.84
C25	Pancreas	-	-	1	-	-	2	-	1	1	6	9	4	7	5	3	7	-	46	0.63
C30-31	Nose, Sinuses etc.	1	-	-	-	-	-	1	1	1	1	2	2	3	2	1	1	-	16	0.22
C32	Larynx	-	-	-	-	-	-	2	2	1	3	2	2	5	3	6	5	-	31	0.43
C33-34	Lung etc.	-	-	-	-	-	1	1	12	13	12	26	18	24	24	13	24	-	168	2.32
C37-38	Other Thoracic Organs	1	-	-	-	-	-	1	1	2	1	3	2	3	-	-	-	-	14	0.19
C40-41	Bone	-	1	7	3	5	3	7	3	-	2	5	6	3	5	-	2	-	52	0.72
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	-	3	0.04
C44	Other Skin	1	-	-	-	1	2	1	4	3	9	9	6	13	13	12	16	-	90	1.24
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	1	1	2	2	3	2	-	-	11	0.15
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	3	-	3	1	4	2	5	3	5	11	1	5	-	6	1	-	50	0.69
C50	Breast	-	-	-	-	11	38	67	147	217	273	277	211	200	139	110	90	1	1781	24.58
C51	Vulva	-	-	-	-	-	-	-	-	1	1	3	6	4	7	4	4	-	30	0.41
C52	Vagina	-	-	-	-	1	1	-	2	2	2	7	2	5	4	7	4	-	37	0.51
C53	Cervix Uteri	-	-	-	-	1	20	49	98	128	168	155	129	145	120	71	65	2	1151	15.88
C54	Corpus Uteri	-	-	-	-	-	3	3	8	20	22	43	40	43	34	18	13	-	247	3.41
C55	Uterus Unspecified	-	-	-	-	-	-	1	5	4	3	5	8	7	5	2	9	1	50	0.69
C56	Ovary etc.	-	3	4	13	9	13	10	22	28	43	49	51	54	38	20	19	-	376	5.19
C57	Other Female Genital	-	-	-	-	-	1	-	1	-	1	-	1	-	2	1	-	-	7	0.1
C58	Placenta	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	-	-	3	0.04
C64	Kidney etc.	5	2	-	2	-	-	-	3	2	3	6	3	8	3	3	4	-	44	0.61
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.01
C67	Bladder	-	-	-	-	1	2	-	2	1	1	7	7	7	6	4	7	-	45	0.62
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	3	0.04
C69	Eye	9	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	10	0.14
C70-72	Brain, Nervous System	6	10	7	4	15	13	15	18	10	17	18	14	13	11	8	2	1	182	2.51
C73	Thyroid	1	-	2	4	26	23	22	27	21	23	16	17	10	15	11	10	-	228	3.15
C74	Adrenal Gland	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	4	0.06
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	2	1	8	9	4	8	4	3	2	-	41	0.57
C78	Sec Resp & Digestive	-	-	-	-	-	-	1	2	3	5	5	7	5	12	9	6	-	55	0.76
C79	Sec Others	1	-	-	-	-	-	1	3	4	3	6	6	4	5	4	5	-	42	0.58
C81	Hodgkins Disease	1	4	-	6	4	1	2	4	2	2	5	5	1	3	1	1	-	42	0.58
C82-85,C96	NHL	2	1	1	3	2	3	6	8	11	17	27	10	21	24	17	26	-	179	2.47
C90	Multiple Myeloma	-	-	-	-	-	-	-	3	2	4	8	13	14	11	9	7	-	71	0.98
C91	Lymphoid Leuk.	18	8	14	7	3	2	1	2	2	4	1	1	5	5	2	4	-	79	1.09
C92-94	Myeloid Leukaemia	2	4	6	7	4	9	2	6	11	12	10	12	7	2	5	4	-	103	1.42
C95	Leukaemia Uns	6	2	-	-	1	1	1	-	3	-	1	3	3	3	-	2	-	26	0.36
O&U	Other and Uns	1	3	1	3	3	4	5	4	12	11	20	12	17	28	13	14	1	152	2.1
	All Sites	61	44	46	59	96	181	243	486	634	835	973	833	883	753	544	564	12	7247	100

TABLE: BLR-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: 2001-2003 - Males
Bangalore PBCR

ICD-10	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
C00	-	-	-	-	-	-	-	-	0.3	-	-	0.4	0.5	0.7	1.0	-	0.1	0.1	0.04	0.2
C01-02	-	-	-	-	-	0.1	0.5	0.5	2.7	5.4	8.3	10.5	18.1	26.3	18.3	15.4	2.4	3.6	0.25	6.7
C03-06	-	-	-	0.1	0.1	0.2	0.2	1.0	1.9	3.1	6.1	10.1	15.8	18.3	8.7	15.4	1.9	2.8	0.22	5.5
C07-8	-	-	-	0.2	0.2	0.1	0.1	0.4	0.3	1.0	2.0	1.6	3.2	2.9	1.9	3.6	0.5	0.6	0.10	1.3
C09	-	-	-	-	-	0.1	-	0.1	0.7	1.3	2.0	3.2	3.7	5.1	2.9	4.5	0.6	0.8	0.12	1.6
C10	-	-	-	-	-	-	-	0.1	0.2	1.3	2.5	3.6	5.1	6.6	6.8	5.4	0.6	1.0	0.13	1.9
C11	0.1	-	0.1	0.3	0.2	0.1	0.2	-	-	0.4	1.3	0.8	2.3	1.5	2.9	1.8	0.3	0.4	0.08	0.7
C12-13	-	-	-	-	0.1	0.2	0.2	0.8	1.5	3.6	8.1	16.9	21.3	27.1	26.1	34.4	2.8	4.3	0.28	7.4
C14	-	-	-	-	0.1	-	-	-	0.2	1.2	3.0	0.8	4.2	6.6	9.7	4.5	0.6	0.9	0.13	1.4
C15	-	-	-	-	-	0.2	0.4	1.0	3.4	7.3	16.2	25.0	34.3	46.8	56.0	54.3	4.8	7.5	0.36	12.5
C16	-	-	-	-	0.4	0.9	2.2	2.9	6.3	8.4	17.4	25.8	41.2	46.1	70.5	67.8	6.0	9.0	0.39	14.9
C17	-	-	-	-	0.1	-	-	0.1	0.3	-	0.8	2.0	1.4	0.7	1.9	1.8	0.2	0.3	0.07	0.7
C18	-	-	-	-	0.4	0.2	1.0	1.6	2.7	3.5	4.5	10.1	16.7	19.7	25.1	25.3	2.3	3.5	0.24	5.7
C19-20	-	-	-	0.1	0.1	0.4	0.5	2.1	1.9	1.5	6.6	10.5	10.7	23.4	31.9	19.9	2.2	3.3	0.24	4.8
C21	-	-	-	-	0.1	0.1	0.1	-	0.7	1.5	0.8	1.6	-	1.5	1.9	2.7	0.3	0.4	0.08	0.8
C22	-	0.1	-	-	-	0.4	0.6	0.5	1.0	3.3	8.1	10.5	17.1	27.1	28.0	35.3	2.5	4.0	0.26	5.8
C23-24	-	-	-	-	-	0.3	0.1	0.1	1.2	1.2	1.8	2.0	3.7	5.1	2.9	6.3	0.6	0.8	0.12	1.5
C25	-	0.1	-	-	-	0.1	0.2	0.7	1.0	1.5	3.3	5.6	5.6	9.5	11.6	5.4	1.0	1.5	0.16	2.6
C30-31	0.1	-	0.1	0.1	-	-	0.2	-	0.7	0.8	0.5	2.0	0.5	0.7	1.0	1.8	0.3	0.3	0.07	0.7
C32	-	-	-	0.1	0.1	0.1	0.1	0.7	1.9	2.7	6.3	11.7	17.6	21.2	28.0	13.6	2.1	3.3	0.24	5.8
C33-34	-	-	-	-	0.3	0.3	0.6	1.8	2.0	5.8	13.9	22.1	36.6	65.1	70.5	71.5	5.3	8.5	0.39	11.7
C37-38	-	-	-	0.2	-	0.3	-	-	0.2	0.4	0.8	0.8	0.5	1.5	1.0	0.9	0.2	0.2	0.06	0.4
C40-41	0.1	0.3	0.9	0.9	0.7	0.8	0.8	0.3	0.7	1.0	2.0	1.6	0.9	1.5	2.9	1.8	0.8	0.8	0.10	1.0
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	0.0	0.0	0.02	-
C44	-	-	0.1	-	0.1	0.2	-	0.5	1.5	1.2	2.8	4.8	4.6	7.3	9.7	15.4	1.0	1.5	0.16	2.3
C45	-	-	-	-	-	-	-	0.1	-	-	-	0.8	0.5	2.9	1.9	1.8	0.1	0.2	0.07	0.2
C46	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C47+C49	0.3	-	-	0.4	0.5	0.2	0.1	0.5	0.5	1.3	2.5	1.6	0.9	2.9	3.9	5.4	0.6	0.8	0.11	1.2
C50	-	-	-	-	-	-	0.1	-	-	0.4	1.8	2.4	0.9	1.5	1.9	1.8	0.3	0.4	0.08	0.8
C60	-	-	-	-	0.1	-	0.1	0.8	1.4	1.2	2.0	2.8	3.7	4.4	3.9	5.4	0.6	0.9	0.12	1.8
C61	-	-	-	-	-	-	-	-	-	0.6	1.8	6.8	19.5	30.7	81.1	129.4	3.6	6.3	0.34	3.8
C62	-	-	-	0.2	0.5	0.8	0.7	0.9	1.0	0.2	0.5	0.4	-	-	1.0	0.9	0.4	0.4	0.06	0.5
C63	-	-	-	-	-	-	0.1	-	-	0.4	0.3	0.4	0.5	1.5	2.9	1.8	0.1	0.2	0.06	0.2
C64	1.0	0.1	0.1	-	-	-	0.1	0.9	0.8	1.0	3.3	5.2	7.9	11.7	10.6	13.6	1.2	1.8	0.18	2.7
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	0.0	0.0	0.02	-
C67	-	-	-	-	0.1	0.1	0.6	0.3	0.8	2.7	4.3	8.0	15.3	17.6	21.2	38.9	2.0	3.2	0.24	4.4
C68	-	-	-	-	-	-	-	0.1	-	-	0.5	0.8	0.5	1.5	1.0	-	0.1	0.1	0.05	0.3
C69	0.7	0.1	-	0.2	-	-	-	0.1	-	-	-	0.4	1.4	1.5	1.0	1.8	0.2	0.3	0.07	0.3
C70-72	1.2	2.1	1.8	1.1	0.9	1.3	1.8	3.9	4.9	4.8	6.6	8.5	9.3	9.5	16.4	14.5	3.1	3.7	0.23	6.0
C73	-	0.3	0.2	0.1	0.3	0.5	1.0	0.8	1.5	2.3	1.8	3.6	5.1	2.9	4.8	4.5	1.0	1.2	0.13	2.3
C74	-	0.1	-	-	-	-	0.1	-	-	0.2	-	0.8	0.5	-	-	-	0.1	0.1	0.03	0.2
C77	-	-	-	-	0.1	0.2	0.2	0.5	0.3	2.7	2.5	4.8	6.0	7.3	11.6	6.3	0.9	1.4	0.15	2.5
C78	-	-	0.1	-	0.1	0.1	0.1	0.1	0.2	0.8	1.8	3.6	5.1	4.4	4.8	7.2	0.6	0.9	0.12	1.6
C79	-	-	-	-	-	0.1	0.4	-	0.2	1.9	1.3	4.4	3.2	8.8	4.8	7.2	0.7	1.0	0.13	1.6
C81	0.3	1.5	0.9	0.9	1.0	0.9	0.8	1.2	2.0	0.8	2.0	3.2	2.8	2.9	2.9	1.8	1.2	1.3	0.13	1.9
C82-85, C96	0.5	1.1	1.2	1.0	0.8	0.9	1.8	1.4	2.9	3.3	10.1	14.5	14.8	13.2	23.2	19.9	3.0	4.0	0.25	6.9
C90	-	-	-	-	-	-	-	0.1	0.8	0.4	3.0	4.0	8.3	8.0	10.6	10.9	0.9	1.4	0.16	2.3
C91	3.3	2.5	2.5	0.7	0.6	0.3	0.5	0.1	0.7	1.3	0.8	1.2	2.8	6.6	1.9	5.4	1.3	1.7	0.16	1.1
C92-94	0.4	0.4	0.4	1.1	0.9	1.1	0.7	1.3	1.7	2.7	2.0	5.2	3.7	3.7	5.8	7.2	1.4	1.6	0.15	2.6
C95	0.1	0.3	-	0.1	0.2	0.1	0.1	-	-	0.4	0.8	-	-	0.7	2.9	-	0.2	0.2	0.06	0.2
O&U	0.1	-	0.5	0.5	0.3	0.4	0.8	0.4	1.4	2.9	6.6	8.0	9.3	17.6	17.4	27.1	2.0	2.9	0.22	4.2
All	8.3	9.1	8.9	8.5	9.0	11.9	18.5	29.2	54.2	89.1	175.2	275.7	387.4	533.9	659.6	722.7	65.0	95.5	1.27	147.2

TABLE: BLR-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: 2001-2003 - Females
Bangalore PBCR

ICD-10	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
C00	-	-	-	-	-	-	0.1	-	-	0.2	-	0.9	0.5	-	-	0.9	0.1	0.1	0.04	0.2
C01-02	-	-	-	-	-	-	0.1	0.3	1.2	0.9	4.3	2.3	4.5	8.6	7.0	4.3	0.8	1.1	0.14	2.0
C03-06	-	0.1	-	0.1	-	0.1	0.4	1.4	3.9	8.4	15.5	17.5	33.5	27.1	30.1	28.5	3.9	5.7	0.32	11.7
C07-8	-	0.1	0.1	-	-	0.4	0.1	0.3	0.4	-	0.9	1.4	0.5	0.7	1.0	1.7	0.3	0.3	0.07	0.5
C09	-	-	-	0.1	-	-	-	0.1	-	0.5	-	-	0.5	2.1	1.0	1.7	0.1	0.2	0.06	0.2
C10	-	-	-	-	-	-	0.1	-	0.4	0.2	0.3	0.5	1.0	-	-	-	0.1	0.1	0.04	0.4
C11	-	-	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.5	-	1.4	1.0	0.7	-	0.9	0.2	0.2	0.06	0.5
C12-13	-	-	-	-	0.1	0.3	0.3	0.1	1.0	1.8	2.7	5.1	3.5	6.4	7.0	10.4	0.9	1.2	0.15	2.1
C14	-	-	-	-	-	-	-	-	-	0.2	1.5	0.9	-	-	1.0	5.2	0.2	0.3	0.06	0.4
C15	-	-	-	-	-	-	0.4	2.1	4.8	8.2	15.5	34.5	30.5	38.5	51.2	48.4	5.0	7.5	0.37	13.8
C16	-	-	-	0.1	0.3	0.6	2.4	3.3	5.4	6.8	9.4	16.6	19.0	22.8	34.1	29.4	3.6	5.0	0.29	9.1
C17	-	-	-	-	-	-	0.1	-	0.2	0.7	0.9	1.4	0.5	1.4	1.0	1.7	0.2	0.3	0.07	0.6
C18	-	-	-	-	-	0.8	0.3	1.7	2.9	2.9	8.2	9.2	7.5	13.6	16.1	13.8	1.9	2.6	0.21	4.9
C19-20	-	-	-	-	0.1	1.0	1.0	1.3	3.3	4.3	4.3	5.5	6.5	12.8	6.0	16.4	1.7	2.2	0.19	4.0
C21	-	-	-	-	-	0.1	0.1	0.4	0.2	-	1.2	1.4	-	5.7	3.0	1.7	0.3	0.4	0.09	0.5
C22	0.6	0.1	-	-	0.1	-	-	0.7	1.2	1.6	1.8	4.1	4.5	8.6	8.0	8.6	0.9	1.3	0.15	2.1
C23-24	-	-	-	-	-	0.1	-	0.7	0.6	1.6	2.1	2.3	4.0	4.3	11.0	6.9	0.7	1.0	0.14	1.7
C25	-	-	0.1	-	-	0.2	-	0.1	0.2	1.4	2.7	1.8	3.5	3.6	3.0	6.0	0.5	0.8	0.12	1.5
C30-31	0.1	-	-	-	-	-	0.1	0.1	0.2	0.2	0.6	0.9	1.5	1.4	1.0	0.9	0.2	0.3	0.07	0.5
C32	-	-	-	-	-	-	0.3	0.3	0.2	0.7	0.6	0.9	2.5	2.1	6.0	4.3	0.4	0.5	0.10	0.8
C33-34	-	-	-	-	-	0.1	0.1	1.7	2.7	2.7	7.9	8.3	12.0	17.1	13.0	20.7	2.0	2.8	0.22	5.3
C37-38	0.1	-	-	-	-	-	0.1	0.1	0.4	0.2	0.9	0.9	1.5	-	-	-	0.2	0.2	0.06	0.6
C40-41	-	0.1	0.9	0.4	0.5	0.3	1.0	0.4	-	0.5	1.5	2.8	1.5	3.6	-	1.7	0.6	0.7	0.10	1.0
C43	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	1.0	0.9	0.0	0.1	0.03	0.1
C44	0.1	-	-	-	0.1	0.2	0.1	0.6	0.6	2.0	2.7	2.8	6.5	9.3	12.0	13.8	1.1	1.5	0.17	2.3
C45	-	-	-	-	-	-	-	-	-	0.2	0.3	0.9	1.0	2.1	2.0	-	0.1	0.2	0.06	0.3
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	-	0.4	-	0.4	0.1	0.4	0.3	0.7	0.6	1.1	3.3	0.5	2.5	-	6.0	0.9	0.6	0.7	0.10	1.4
C50	-	-	-	-	1.1	3.9	9.5	21.0	44.9	61.9	84.4	97.1	100.0	99.2	110.4	77.7	20.9	27.5	0.67	63.8
C51	-	-	-	-	-	-	-	-	0.2	0.2	0.9	2.8	2.0	5.0	4.0	3.5	0.4	0.6	0.10	0.8
C52	-	-	-	-	0.1	0.1	-	0.3	0.4	0.5	2.1	0.9	2.5	2.9	7.0	3.5	0.4	0.6	0.11	1.0
C53	-	-	-	-	0.1	2.0	6.9	14.0	26.5	38.1	47.2	59.4	72.5	85.6	71.2	56.2	13.5	18.1	0.55	39.8
C54	-	-	-	-	-	0.3	0.4	1.1	4.1	5.0	13.1	18.4	21.5	24.3	18.1	11.2	2.9	4.2	0.27	9.3
C55	-	-	-	-	-	-	0.1	0.7	0.8	0.7	1.5	3.7	3.5	3.6	2.0	7.8	0.6	0.8	0.12	1.6
C56	-	0.4	0.5	1.5	0.9	1.3	1.4	3.1	5.8	9.7	14.9	23.5	27.0	27.1	20.1	16.4	4.4	5.9	0.32	12.5
C57	-	-	-	-	-	0.1	-	0.1	-	0.2	-	0.5	-	1.4	1.0	-	0.1	0.1	0.04	0.1
C58	-	-	-	-	0.1	-	0.1	0.1	-	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C64	0.7	0.3	-	0.2	-	-	-	0.4	0.4	0.7	1.8	1.4	4.0	2.1	3.0	3.5	0.5	0.7	0.11	1.3
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	-	-	0.0	0.0	0.02	-
C67	-	-	-	-	0.1	0.2	-	0.3	0.2	0.2	2.1	3.2	3.5	4.3	4.0	6.0	0.5	0.8	0.12	1.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	0.5	0.7	1.0	-	0.0	0.1	0.04	0.1
C69	1.3	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	0.1	0.2	0.05	0.0
C70-72	0.9	1.3	0.9	0.5	1.5	1.3	2.1	2.6	2.1	3.9	5.5	6.4	6.5	7.8	8.0	1.7	2.1	2.4	0.19	4.2
C73	0.1	-	0.2	0.5	2.6	2.3	3.1	3.9	4.3	5.2	4.9	7.8	5.0	10.7	11.0	8.6	2.7	2.9	0.21	5.0
C74	0.3	-	0.1	-	-	-	-	-	-	-	0.3	-	-	-	-	-	0.0	0.1	0.03	0.0
C77	-	-	-	-	-	-	-	0.3	0.2	1.8	2.7	1.8	4.0	2.9	3.0	1.7	0.5	0.7	0.11	1.6
C78	-	-	-	-	-	-	0.1	0.3	0.6	1.1	1.5	3.2	2.5	8.6	9.0	5.2	0.6	1.0	0.13	1.4
C79	0.1	-	-	-	-	-	0.1	0.4	0.8	0.7	1.8	2.8	2.0	3.6	4.0	4.3	0.5	0.7	0.11	1.3
C81	0.1	0.5	-	0.7	0.4	0.1	0.3	0.6	0.4	0.5	1.5	2.3	0.5	2.1	1.0	0.9	0.5	0.6	0.09	0.9
C82-85,C96	0.3	0.1	0.1	0.4	0.2	0.3	0.8	1.1	2.3	3.9	8.2	4.6	10.5	17.1	17.1	22.5	2.1	2.9	0.23	4.7
C90	-	-	-	-	-	-	-	0.4	0.4	0.9	2.4	6.0	7.0	7.8	9.0	6.0	0.8	1.3	0.15	2.4
C91	2.6	1.0	1.7	0.8	0.3	0.2	0.1	0.3	0.4	0.9	0.3	0.5	2.5	3.6	2.0	3.5	0.9	1.1	0.13	0.7
C92-94	0.3	0.5	0.7	0.8	0.4	0.9	0.3	0.9	2.3	2.7	3.0	5.5	3.5	1.4	5.0	3.5	1.2	1.4	0.15	2.8
C95	0.9	0.3	-	-	0.1	0.1	0.1	-	0.6	-	0.3	1.4	1.5	2.1	-	1.7	0.3	0.4	0.09	0.5
O&U	0.1	0.4	0.1	0.4	0.3	0.4	0.7	0.6	2.5	2.5	6.1	5.5	8.5	20.0	13.0	12.1	1.8	2.5	0.21	3.9
All	8.9	5.8	5.7	6.9	9.6	18.3	34.4	69.5	131.2	189.2	296.3	383.5	441.7	537.4	545.9	487.2	85.0	115.1	1.40	229.7

TABLE: BLR-5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis: 2001-2003 - Males

Bangalore PBCR

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	5	83.3	-	-	1	16.7	-	-	-	-	6	100
C01-02	Tongue	193	86.5	-	-	17	7.6	-	-	13	5.8	223	100
C03-06	Mouth	154	87.5	-	-	14	8.0	-	-	8	4.5	176	100
C07-8	Salivary Gland	39	86.7	-	-	3	6.7	-	-	3	6.7	45	100
C09	Tonsil	49	94.2	-	-	1	1.9	-	-	2	3.8	52	100
C10	Oth. Oropharynx	56	91.8	-	-	5	8.2	-	-	-	-	61	100
C11	Nasopharynx	25	80.6	-	-	4	12.9	-	-	2	6.5	31	100
C12-13	Hypopharynx	238	91.2	-	-	13	5.0	1	0.4	9	3.4	261	100
C14	Pharynx Unspecified	32	58.2	-	-	6	10.9	-	-	17	30.9	55	100
C15	Oesophagus	376	83.0	4	0.9	46	10.2	2	0.4	25	5.5	453	100
C16	Stomach	458	80.6	2	0.4	69	12.1	1	0.2	38	6.7	568	100
C17	Small Intestine	15	75.0	-	-	3	15.0	-	-	2	10.0	20	100
C18	Colon	181	82.3	-	-	27	12.3	-	-	12	5.5	220	100
C19-20	Rectum	183	88.4	-	-	16	7.7	-	-	8	3.9	207	100
C21	Anus & Anal Canal	25	86.2	-	-	2	6.9	-	-	2	6.9	29	100
C22	Liver	173	73.0	4	1.7	18	7.6	-	-	42	17.7	237	100
C23-24	Gallbladder etc.	49	89.1	1	1.8	3	5.5	-	-	2	3.6	55	100
C25	Pancreas	45	47.4	5	5.3	23	24.2	1	1.1	21	22.1	95	100
C30-31	Nose, Sinuses etc.	22	88.0	-	-	1	4.0	-	-	2	8.0	25	100
C32	Larynx	161	80.5	-	-	24	12.0	-	-	15	7.5	200	100
C33-34	Lung etc.	352	70.8	20	4	74	14.9	-	-	51	10.3	497	100
C37-38	Other Thoracic Organs	16	88.9	1	5.6	1	5.6	-	-	-	-	18	100
C40-41	Bone	66	89.2	3	4.1	3	4.1	-	-	2	2.7	74	100
C43	Melanoma of Skin	1	100.0	-	-	-	-	-	-	-	-	1	100
C44	Other Skin	91	96.8	-	-	3	3.2	-	-	-	-	94	100
C45	Mesothelioma	6	50.0	-	-	5	41.7	-	-	1	8.3	12	100
C46	Kaposi Sarcoma	1	100.0	-	-	-	-	-	-	-	-	1	100
C47+C49	Conn. & Soft Tissue	56	94.9	-	-	2	3.4	-	-	1	1.7	59	100
C50	Breast	21	87.5	-	-	1	4.2	-	-	2	8.3	24	100
C60	Penis	55	90.2	-	-	3	4.9	-	-	3	4.9	61	100
C61	Prostate	266	78.7	9	2.7	29	8.6	1	0.3	33	9.8	338	100
C62	Testis	40	97.6	-	-	-	-	-	-	1	2.4	41	100
C63	Other Male Genital	10	76.9	-	-	3	23.1	-	-	-	-	13	100
C64	Kidney etc.	108	96.4	1	0.9	1	0.9	-	-	2	1.8	112	100
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	1	100.0	-	-	-	-	-	-	-	-	1	100
C67	Bladder	173	92.5	1	0.5	7	3.7	-	-	6	3.2	187	100
C68	Uns.Urinary Organs	7	77.8	-	-	1	11.1	-	-	1	11.1	9	100
C69	Eye	13	72.2	2	11.1	1	5.6	-	-	2	11.1	18	100
C70-72	Brain, Nervous System	262	91.0	6	2.1	4	1.4	-	-	16	5.6	288	100
C73	Thyroid	86	95.6	-	-	3	3.3	-	-	1	1.1	90	100
C74	Adrenal Gland	5	83.3	-	-	-	-	-	-	1	16.7	6	100
C77	Sec Lymph Nodes	82	92.1	-	-	3	3.4	-	-	4	4.5	89	100
C78	Sec Resp & Digestive	44	78.6	1	1.8	6	10.7	-	-	5	8.9	56	100
C79	Sec Others	56	87.5	2	3.1	5	7.8	-	-	1	1.6	64	100
C81	Hodgkins Disease	113	99.1	-	-	-	-	-	-	1	0.9	114	100
C82-85,C96	NHL	273	96.1	-	-	2	0.7	-	-	9	3.2	284	100
C90	Multiple Myeloma	76	92.7	2	2.4	-	-	-	-	4	4.9	82	100
C91	Lymphoid Leuk.	117	92.9	-	-	-	-	-	-	9	7.1	126	100
C92-94	Myeloid Leukaemia	124	96.1	-	-	-	-	-	-	5	3.9	129	100
C95	Leukaemia Uns	13	76.5	-	-	-	-	-	-	4	23.5	17	100
O&U	Other and Uns	81	43.1	-	-	29	15.4	-	-	78	41.5	188	100
	All Sites	5,094	83.3	64	1	482	7.9	6	0.1	466	7.6	6,112	100

TABLE: BLR-5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis : 2001-2003 - Females
Bangalore PBCR

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	6	100	-	-	-	-	-	-	-	-	6	100
C01-02	Tongue	53	81.5	-	-	6	9.2	-	-	6	9.2	65	100
C03-06	Mouth	283	85.8	-	-	32	9.7	-	-	15	4.5	330	100
C07-8	Salivary Gland	21	95.5	-	-	-	-	-	-	1	4.5	22	100
C09	Tonsil	10	90.9	-	-	1	9.1	-	-	-	-	11	100
C10	Oth. Oropharynx	7	87.5	-	-	1	12.5	-	-	-	-	8	100
C11	Nasopharynx	16	94.1	-	-	1	5.9	-	-	-	-	17	100
C12-13	Hypopharynx	69	92	-	-	5	6.7	-	-	1	1.3	75	100
C14	Pharynx Unspecified	4	25	-	-	4	25	-	-	8	50	16	100
C15	Oesophagus	362	84.6	7	1.6	30	7	2	0.5	27	6.3	428	100
C16	Stomach	245	78.8	1	0.3	34	10.9	1	0.3	30	9.6	311	100
C17	Small Intestine	14	82.4	-	-	2	11.8	-	-	1	5.9	17	100
C18	Colon	140	86.4	-	-	8	4.9	-	-	14	8.6	162	100
C19-20	Rectum	123	85.4	1	0.7	11	7.6	-	-	9	6.3	144	100
C21	Anus & Anal Canal	25	96.2	-	-	1	3.8	-	-	-	-	26	100
C22	Liver	51	65.4	1	1.3	8	10.3	-	-	18	23.1	78	100
C23-24	Gallbladder etc.	45	73.8	3	4.9	9	14.8	-	-	4	6.6	61	100
C25	Pancreas	23	50	3	6.5	10	21.7	1	2.2	9	19.6	46	100
C30-31	Nose, Sinuses etc.	15	93.8	-	-	-	-	-	-	1	6.3	16	100
C32	Larynx	24	77.4	-	-	4	12.9	-	-	3	9.7	31	100
C33-34	Lung etc.	126	75	5	3	21	12.5	-	-	16	9.5	168	100
C37-38	Other Thoracic Organs	13	92.9	-	-	1	7.1	-	-	-	-	14	100
C40-41	Bone	46	88.5	-	-	4	7.7	-	-	2	3.8	52	100
C43	Melanoma of Skin	3	100	-	-	-	-	-	-	-	-	3	100
C44	Other Skin	90	100	-	-	-	-	-	-	-	-	90	100
C45	Mesothelioma	9	81.8	-	-	2	18.2	-	-	-	-	11	100
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	47	94	-	-	-	-	-	-	3	6	50	100
C50	Breast	1,626	91.3	-	-	104	5.8	2	0.1	49	2.8	1,781	100
C51	Vulva	29	96.7	-	-	1	3.3	-	-	-	-	30	100
C52	Vagina	31	83.8	-	-	4	10.8	-	-	2	5.4	37	100
C53	Cervix Uteri	1,036	90	-	-	74	6.4	1	0.1	40	3.5	1,151	100
C54	Corpus Uteri	233	94.3	-	-	12	4.9	-	-	2	0.8	247	100
C55	Uterus Unspecified	29	58	-	-	9	18	-	-	12	24	50	100
C56	Ovary etc.	319	84.8	3	0.8	41	10.9	2	0.5	11	2.9	376	100
C57	Other Female Genital	5	71.4	-	-	2	28.6	-	-	-	-	7	100
C58	Placenta	3	100	-	-	-	-	-	-	-	-	3	100
C64	Kidney etc.	41	93.2	1	2.3	2	4.5	-	-	-	-	44	100
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	1	100	-	-	-	-	-	-	-	-	1	100
C67	Bladder	43	95.6	-	-	2	4.4	-	-	-	-	45	100
C68	Uns.Urinary Organs	2	66.7	-	-	-	-	-	-	1	33.3	3	100
C69	Eye	10	100	-	-	-	-	-	-	-	-	10	100
C70-72	Brain, Nervous System	165	90.7	4	2.2	5	2.7	-	-	8	4.4	182	100
C73	Thyroid	221	96.9	-	-	2	0.9	-	-	5	2.2	228	100
C74	Adrenal Gland	4	100	-	-	-	-	-	-	-	-	4	100
C77	Sec Lymph Nodes	40	97.6	1	2.4	-	-	-	-	-	-	41	100
C78	Sec Resp & Digestive	40	72.7	2	3.6	9	16.4	-	-	4	7.3	55	100
C79	Sec Others	38	90.5	3	7.1	1	2.4	-	-	-	-	42	100
C81	Hodgkins Disease	41	97.6	-	-	-	-	-	-	1	2.4	42	100
C82-85,C96	NHL	171	95.5	1	0.6	-	-	-	-	7	3.9	179	100
C90	Multiple Myeloma	65	91.5	3	4.2	-	-	-	-	3	4.2	71	100
C91	Lymphoid Leuk.	75	94.9	-	-	-	-	-	-	4	5.1	79	100
C92-94	Myeloid Leukaemia	99	96.1	-	-	-	-	-	-	4	3.9	103	100
C95	Leukaemia Uns	18	69.2	-	-	-	-	-	-	8	30.8	26	100
O&U	Other and Uns	63	41.4	-	-	21	13.8	-	-	68	44.7	152	100
	All Sites	6,318	87.2	39	0.5	484	6.7	9	0.1	397	5.5	7,247	100

TABLE: BLR-6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Males : Bangalore PBCR

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	5	83.3	-	-	-	-	-	-	-	-	1	16.7	6	100.0
C01-02	Tongue	155	69.5	2	0.9	36	16.1	-	-	-	-	30	13.5	223	100.0
C03-06	Mouth	115	65.3	-	-	39	22.2	-	-	-	-	22	12.5	176	100.0
C07-8	Salivary Gland	27	60.0	1	2.2	11	24.4	-	-	-	-	6	13.3	45	100.0
C09	Tonsil	46	88.5	-	-	3	5.8	-	-	-	-	3	5.8	52	100.0
C10	Oth. Oropharynx	46	75.4	-	-	10	16.4	-	-	-	-	5	8.2	61	100.0
C11	Nasopharynx	20	64.5	1	3.2	4	12.9	-	-	-	-	6	19.4	31	100.0
C12-13	Hypopharynx	188	72.0	1	0.4	49	18.8	-	-	-	-	23	8.8	261	100.0
C14	Pharynx Unspecified	29	52.7	2	3.6	1	1.8	-	-	-	-	23	41.8	55	100.0
C15	Oesophagus	368	81.2	-	-	8	1.8	-	-	-	-	77	17.0	453	100.0
C16	Stomach	440	77.5	9	1.6	9	1.6	-	-	-	-	110	19.4	568	100.0
C17	Small Intestine	15	75.0	-	-	-	-	-	-	-	-	5	25.0	20	100.0
C18	Colon	174	79.1	2	0.9	5	2.3	-	-	-	-	39	17.7	220	100.0
C19-20	Rectum	181	87.4	-	-	2	1.0	-	-	-	-	24	11.6	207	100.0
C21	Anus & Anal Canal	23	79.3	-	-	2	6.9	-	-	-	-	4	13.8	29	100.0
C22	Liver	85	35.9	-	-	88	37.1	-	-	-	-	64	27.0	237	100.0
C23-24	Gallbladder etc.	43	78.2	-	-	6	10.9	-	-	-	-	6	10.9	55	100.0
C25	Pancreas	31	32.6	4	4.2	10	10.5	-	-	-	-	50	52.6	95	100.0
C30-31	Nose, Sinuses etc.	22	88.0	-	-	-	-	-	-	-	-	3	12.0	25	100.0
C32	Larynx	146	73.0	1	0.5	14	7.0	-	-	-	-	39	19.5	200	100.0
C33-34	Lung etc.	185	37.2	14	2.8	152	30.6	-	-	1	0.2	145	29.2	497	100.0
C37-38	Other Thoracic Organs	12	66.7	-	-	4	22.2	-	-	-	-	2	11.1	18	100.0
C40-41	Bone	56	75.7	-	-	9	12.2	-	-	1	1.4	8	10.8	74	100.0
C43	Melanoma of Skin	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C44	Other Skin	84	89.4	-	-	7	7.4	-	-	-	-	3	3.2	94	100.0
C45	Mesothelioma	4	33.3	-	-	2	16.7	-	-	-	-	6	50.0	12	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	1	100.0	-	-	1	100.0
C47+C49	Conn. & Soft Tissue	50	84.7	-	-	6	10.2	-	-	-	-	3	5.1	59	100.0
C50	Breast	19	79.2	-	-	2	8.3	-	-	-	-	3	12.5	24	100.0
C60	Penis	53	86.9	-	-	2	3.3	-	-	-	-	6	9.8	61	100.0
C61	Prostate	257	76.0	2	0.6	7	2.1	-	-	-	-	72	21.3	338	100.0
C62	Testis	39	95.1	-	-	1	2.4	-	-	-	-	1	2.4	41	100.0
C63	Other Male Genital	9	69.2	-	-	1	7.7	-	-	-	-	3	23.1	13	100.0
C64	Kidney etc.	105	93.8	-	-	3	2.7	-	-	-	-	4	3.6	112	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C67	Bladder	170	90.9	-	-	3	1.6	-	-	-	-	14	7.5	187	100.0
C68	Uns. Urinary Organs	7	77.8	-	-	-	-	-	-	-	-	2	22.2	9	100.0
C69	Eye	10	55.6	-	-	3	16.7	-	-	-	-	5	27.8	18	100.0
C70-72	Brain, Nervous System	259	89.9	-	-	3	1.0	-	-	-	-	26	9.0	288	100.0
C73	Thyroid	72	80.0	1	1.1	13	14.4	-	-	-	-	4	4.4	90	100.0
C74	Adrenal Gland	3	50.0	-	-	2	33.3	-	-	-	-	1	16.7	6	100.0
C77	Sec Lymph Nodes	-	-	28	31.5	54	60.7	-	-	-	-	7	7.9	89	100.0
C78	Sec Resp & Digestive	-	-	14	25.0	30	53.6	-	-	-	-	12	21.4	56	100.0
C79	Sec Others	-	-	42	65.6	14	21.9	-	-	-	-	8	12.5	64	100.0
C81	Hodgkins Disease	105	92.1	-	-	7	6.1	-	-	1	0.9	1	0.9	114	100.0
C82-85,C96	NHL	240	84.5	-	-	24	8.5	-	-	9	3.2	11	3.9	284	100.0
C90	Multiple Myeloma	8	9.8	-	-	-	-	-	-	68	82.9	6	7.3	82	100.0
C91	Lymphoid Leuk.	-	-	-	-	-	-	4	3.2	113	89.7	9	7.1	126	100.0
C92-94	Myeloid Leukaemia	4	3.1	-	-	-	-	10	7.8	110	85.3	5	3.9	129	100.0
C95	Leukaemia Uns	-	-	-	-	-	-	2	11.8	11	64.7	4	23.5	17	100.0
O&U	Other and Uns	65	34.6	1	0.5	10	5.3	-	-	5	2.7	107	56.9	188	100.0
	All Sites	3,977	65.1	125	2.0	656	10.7	16	0.3	320	5.2	1,018	16.7	6,112	100.0

TABLE: BLR-6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Females : Bangalore PBCR

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	4	66.7	-	-	2	33.3	-	-	-	-	-	-	6	100.0
C01-02	Tongue	43	66.2	-	-	10	15.4	-	-	-	-	12	18.5	65	100.0
C03-06	Mouth	228	69.1	-	-	55	16.7	-	-	-	-	47	14.2	330	100.0
C07-8	Salivary Gland	13	59.1	2	9.1	6	27.3	-	-	-	-	1	4.5	22	100.0
C09	Tonsil	9	81.8	-	-	1	9.1	-	-	-	-	1	9.1	11	100.0
C10	Oth. Oropharynx	7	87.5	-	-	-	-	-	-	-	-	1	12.5	8	100.0
C11	Nasopharynx	13	76.5	1	5.9	2	11.8	-	-	-	-	1	5.9	17	100.0
C12-13	Hypopharynx	60	80.0	1	1.3	8	10.7	-	-	-	-	6	8.0	75	100.0
C14	Pharynx Unspecified	4	25.0	-	-	-	-	-	-	-	-	12	75.0	16	100.0
C15	Oesophagus	360	84.1	-	-	2	0.5	-	-	-	-	66	15.4	428	100.0
C16	Stomach	231	74.3	2	0.6	12	3.9	-	-	-	-	66	21.2	311	100.0
C17	Small Intestine	14	82.4	-	-	-	-	-	-	-	-	3	17.6	17	100.0
C18	Colon	135	83.3	1	0.6	4	2.5	-	-	-	-	22	13.6	162	100.0
C19-20	Rectum	121	84.0	1	0.7	1	0.7	-	-	-	-	21	14.6	144	100.0
C21	Anus & Anal Canal	25	96.2	-	-	-	-	-	-	-	-	1	3.8	26	100.0
C22	Liver	29	37.2	-	-	22	28.2	-	-	-	-	27	34.6	78	100.0
C23-24	Gallbladder etc.	39	63.9	4	6.6	2	3.3	-	-	-	-	16	26.2	61	100.0
C25	Pancreas	13	28.3	3	6.5	7	15.2	-	-	-	-	23	50.0	46	100.0
C30-31	Nose, Sinuses etc.	14	87.5	-	-	1	6.3	-	-	-	-	1	6.3	16	100.0
C32	Larynx	22	71.0	1	3.2	1	3.2	-	-	-	-	7	22.6	31	100.0
C33-34	Lung etc.	73	43.5	5	3.0	48	28.6	-	-	-	-	42	25.0	168	100.0
C37-38	Other Thoracic Organs	10	71.4	-	-	3	21.4	-	-	-	-	1	7.1	14	100.0
C40-41	Bone	37	71.2	-	-	9	17.3	-	-	-	-	6	11.5	52	100.0
C43	Melanoma of Skin	3	100.0	-	-	-	-	-	-	-	-	-	-	3	100.0
C44	Other Skin	85	94.4	-	-	5	5.6	-	-	-	-	-	-	90	100.0
C45	Mesothelioma	4	36.4	-	-	5	45.5	-	-	-	-	2	18.2	11	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	41	82.0	-	-	6	12.0	-	-	-	-	3	6.0	50	100.0
C50	Breast	1,424	80.0	6	0.3	196	11.0	-	-	-	-	155	8.7	1,781	100.0
C51	Vulva	28	93.3	-	-	1	3.3	-	-	-	-	1	3.3	30	100.0
C52	Vagina	31	83.8	-	-	-	-	-	-	-	-	6	16.2	37	100.0
C53	Cervix Uteri	1,028	89.3	-	-	8	0.7	-	-	-	-	115	10.0	1,151	100.0
C54	Corpus Uteri	230	93.1	2	0.8	1	0.4	-	-	-	-	14	5.7	247	100.0
C55	Uterus Unspecified	29	58.0	-	-	-	-	-	-	-	-	21	42.0	50	100.0
C56	Ovary etc.	274	72.9	8	2.1	37	9.8	-	-	-	-	57	15.2	376	100.0
C57	Other Female Genital	5	71.4	-	-	-	-	-	-	-	-	2	28.6	7	100.0
C58	Placenta	3	100.0	-	-	-	-	-	-	-	-	-	-	3	100.0
C64	Kidney etc.	40	90.9	-	-	1	2.3	-	-	-	-	3	6.8	44	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C67	Bladder	42	93.3	-	-	1	2.2	-	-	-	-	2	4.4	45	100.0
C68	Uns. Urinary Organs	2	66.7	-	-	-	-	-	-	-	-	1	33.3	3	100.0
C69	Eye	10	100.0	-	-	-	-	-	-	-	-	-	-	10	100.0
C70-72	Brain, Nervous System	165	90.7	-	-	-	-	-	-	-	-	17	9.3	182	100.0
C73	Thyroid	185	81.1	1	0.4	34	14.9	-	-	1	0.4	7	3.1	228	100.0
C74	Adrenal Gland	2	50.0	-	-	2	50.0	-	-	-	-	-	-	4	100.0
C77	Sec Lymph Nodes	1	2.4	21	51.2	18	43.9	-	-	-	-	1	2.4	41	100.0
C78	Sec Resp & Digestive	-	-	16	29.1	24	43.6	-	-	-	-	15	27.3	55	100.0
C79	Sec Others	-	-	29	69.0	9	21.4	-	-	-	-	4	9.5	42	100.0
C81	Hodgkins Disease	38	90.5	-	-	3	7.1	-	-	-	-	1	2.4	42	100.0
C82-85,C96	NHL	146	81.6	-	-	23	12.8	-	-	2	1.1	8	4.5	179	100.0
C90	Multiple Myeloma	11	15.5	-	-	-	-	1	1.4	53	74.6	6	8.5	71	100.0
C91	Lymphoid Leuk.	1	1.3	-	-	-	-	9	11.4	65	82.3	4	5.1	79	100.0
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	13	12.6	86	83.5	4	3.9	103	100.0
C95	Leukaemia Uns	-	-	-	-	-	-	4	15.4	14	53.8	8	30.8	26	100.0
O&U	Other and Uns	42	27.6	3	2.0	17	11.2	-	-	1	0.7	89	58.6	152	100.0
	All Sites	5,375	74.2	107	1.5	587	8.1	27	0.4	222	3.1	929	12.8	7,247	100.0

TABLE BLR-7 (a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Males

% = Relative Proportion of Cancers of All Sites.

Bangalore PBCR

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.04
C01-02	Tongue	-	-	-	-	-	-	2	-	5	10	9	5	10	11	9	4	-	65	2.91
C03-06	Mouth	-	-	-	-	-	1	1	2	3	2	4	6	12	4	2	5	-	42	1.88
C07-8	Salivary Gland	-	-	-	-	1	-	-	-	1	2	2	-	-	1	1	-	-	8	0.36
C09	Tonsil	-	-	-	-	-	1	-	-	1	2	2	3	-	3	-	3	-	15	0.67
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	1	1	2	2	3	1	1	1	-	12	0.54
C11	Nasopharynx	-	-	-	1	1	-	-	-	-	1	1	1	4	1	2	-	-	12	0.54
C12-13	Hypopharynx	-	-	-	-	-	-	-	4	4	4	5	8	7	9	4	6	-	51	2.29
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	1	5	11	-	10	5	5	4	-	41	1.84
C15	Oesophagus	-	-	-	-	-	-	1	2	8	11	18	29	23	26	23	26	-	167	7.49
C16	Stomach	-	-	-	-	-	-	4	8	10	18	24	26	31	22	26	39	1	209	9.37
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	1	2	-	-	2	2	-	7	0.31
C18	Colon	-	-	-	-	1	1	3	2	3	4	2	12	6	9	13	14	-	70	3.14
C19-20	Rectum	-	-	-	1	-	2	-	2	1	5	5	8	5	6	9	12	-	56	2.51
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	1	-	-	-	-	1	1	-	4	0.18
C22	Liver	1	-	-	-	-	2	1	4	3	9	18	17	28	22	26	29	-	160	7.17
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	1	-	2	1	1	3	3	1	4	-	16	0.72
C25	Pancreas	-	-	-	-	-	1	-	4	3	9	10	10	10	11	8	4	1	71	3.18
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	1	-	1	1	-	1	-	5	0.22
C32	Larynx	-	-	-	1	-	1	-	-	3	3	7	7	10	8	8	8	1	57	2.56
C33-34	Lung etc.	-	-	-	-	-	-	1	7	4	19	21	33	42	43	33	57	-	260	11.66
C37-38	Other Thoracic Organs	-	-	-	1	-	1	-	-	-	2	-	-	-	3	-	-	-	7	0.31
C40-41	Bone	1	-	-	4	-	4	2	2	3	-	2	3	2	-	3	-	-	26	1.17
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	1	-	-	1	1	2	-	1	-	2	2	2	-	12	0.54
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	1	1	1	-	3	1	1	-	8	0.36
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	2	1	-	-	-	-	-	1	-	-	1	2	-	7	0.31
C50	Breast	-	-	-	-	-	-	-	1	1	-	-	3	4	1	1	-	-	11	0.49
C60	Penis	-	-	-	-	-	-	-	1	1	2	3	1	1	1	2	-	-	12	0.54
C61	Prostate	-	-	-	-	-	-	-	-	-	2	5	6	11	9	22	60	-	115	5.16
C62	Testis	-	-	-	-	-	-	1	1	1	-	1	-	-	-	-	-	-	4	0.18
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-	1	-	5	0.22
C64	Kidney etc.	1	-	-	1	-	-	-	-	-	1	5	3	7	1	2	7	-	28	1.26
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.04
C67	Bladder	1	-	-	-	-	-	-	1	2	4	5	3	-	6	12	14	1	49	2.2
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-	-	-	4	0.18
C69	Eye	-	-	-	-	1	-	-	1	-	-	-	-	1	-	-	1	-	4	0.18
C70-72	Brain, Nervous System	2	6	2	-	1	1	7	6	5	13	9	8	10	6	6	8	1	91	4.08
C73	Thyroid	-	-	-	-	-	-	-	-	1	-	1	2	1	1	3	4	-	13	0.58
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2	0.09
C77	Sec Lymph Nodes	-	-	-	-	-	1	-	-	1	2	2	4	2	2	2	2	-	18	0.81
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	2	1	3	4	3	5	4	4	-	26	1.17
C79	Sec Others	-	-	-	-	-	-	-	-	1	3	2	3	2	2	2	4	-	19	0.85
C81	Hodgkins Disease	-	1	2	-	-	-	1	2	3	1	1	1	2	1	-	-	-	15	0.67
C82-85,C96	NHL	1	1	1	1	5	1	3	3	7	8	11	9	10	7	12	8	1	89	3.99
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	1	1	8	4	4	4	8	-	30	1.35
C91	Lymphoid Leuk.	7	3	3	3	4	1	2	1	2	2	-	1	1	4	1	4	-	39	1.75
C92-94	Myeloid Leukaemia	-	1	-	4	2	3	1	3	4	3	7	5	-	4	3	6	-	46	2.06
C95	Leukaemia Uns	-	-	-	1	4	1	1	-	-	2	2	2	1	-	3	1	-	18	0.81
O&U	Other and Uns	-	2	4	2	3	2	5	6	5	13	20	24	18	22	11	36	-	173	7.76
	All Sites	14	14	12	20	26	25	36	67	97	178	233	265	287	276	273	400	7	2230	100.0

**TABLE BLR-7 (b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Females**

% = Relative Proportion of Cancers of All Sites.

Bangalore PBCR

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.05
C01-02	Tongue	-	-	-	-	-	-	-	-	1	3	6	2	2	2	1	4	-	21	1.1
C03-06	Mouth	-	-	-	-	-	1	-	1	1	9	10	10	15	10	8	8	1	74	3.87
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	2	0.1
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.05
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.05
C11	Nasopharynx	-	-	-	-	-	1	-	-	1	-	-	-	-	-	-	-	-	2	0.1
C12-13	Hypopharynx	-	-	-	-	-	-	1	-	1	4	2	1	-	3	2	4	-	18	0.94
C14	Pharynx Unspecified	-	-	-	-	1	-	-	1	-	-	4	2	-	1	-	8	1	18	0.94
C15	Oesophagus	-	-	-	-	-	-	-	3	10	11	16	16	14	18	13	19	2	122	6.38
C16	Stomach	-	-	-	-	-	3	10	8	5	10	18	11	17	13	12	14	-	121	6.33
C17	Small Intestine	-	-	-	-	-	-	1	-	1	-	1	1	-	-	-	2	-	6	0.31
C18	Colon	-	-	-	-	-	2	1	2	4	3	7	6	5	6	6	15	-	57	2.98
C19-20	Rectum	-	-	-	1	-	3	-	-	6	4	4	4	5	-	5	11	-	43	2.25
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	2	-	1	-	1	-	-	-	4	0.21
C22	Liver	-	-	-	-	1	-	-	4	2	6	2	7	5	11	11	6	-	55	2.88
C23-24	Gallbladder etc.	-	-	-	-	-	1	1	-	2	2	5	1	3	3	6	6	-	30	1.57
C25	Pancreas	-	1	1	-	-	-	-	-	1	5	2	2	3	4	2	4	-	25	1.31
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	1	-	1	2	1	-	-	6	0.31
C32	Larynx	-	-	-	-	-	-	-	-	-	-	1	-	2	2	1	3	-	9	0.47
C33-34	Lung etc.	-	-	-	-	-	-	-	1	6	11	6	13	9	7	5	17	-	75	3.92
C37-38	Other Thoracic Organs	-	-	-	-	-	-	1	-	1	1	2	1	1	-	-	-	-	7	0.37
C40-41	Bone	-	1	1	2	1	1	1	1	-	-	3	2	2	1	-	2	-	18	0.94
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	1	1	-	-	1	-	-	-	2	2	1	-	-	8	0.42
C45	Mesothelioma	-	-	1	-	-	-	1	-	-	-	-	-	1	2	2	-	-	7	0.37
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	1	-	1	1	2	-	-	1	-	2	-	-	8	0.42
C50	Breast	1	-	-	-	-	3	9	22	32	31	62	46	44	31	19	40	-	340	17.78
C51	Vulva	-	-	-	-	-	1	1	-	-	-	1	1	1	-	2	-	-	7	0.37
C52	Vagina	-	-	-	-	-	-	-	1	-	1	-	-	1	1	2	-	-	6	0.31
C53	Cervix Uteri	-	-	-	-	-	1	3	8	11	26	19	25	16	18	11	19	1	158	8.26
C54	Corpus Uteri	-	-	-	-	-	-	-	-	2	2	1	6	12	8	-	4	-	35	1.83
C55	Uterus Unspecified	-	-	-	-	-	-	-	1	3	1	8	4	4	7	4	8	1	41	2.14
C56	Ovary etc.	-	-	1	3	2	2	3	5	5	9	10	18	15	17	12	13	-	115	6.01
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.05
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	1	-	-	1	-	1	1	2	1	-	-	-	1	2	-	2	-	12	0.63
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	1	2	3	2	-	-	1	-	9	0.47
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	3	0.16
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, Nervous System	3	2	1	1	1	1	2	3	4	5	9	5	6	7	3	2	-	55	2.88
C73	Thyroid	-	-	-	-	-	-	1	1	-	1	3	1	-	5	3	7	-	22	1.15
C74	Adrenal Gland	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.05
C77	Sec Lymph Nodes	-	-	-	-	-	1	-	1	-	2	2	2	1	-	2	2	-	13	0.68
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	-	1	2	1	2	3	3	3	-	15	0.78
C79	Sec Others	-	-	-	-	-	-	-	1	1	-	1	-	-	3	-	2	-	8	0.42
C81	Hodgkins Disease	-	-	-	2	-	-	-	2	-	-	-	1	-	3	-	-	-	8	0.42
C82-85,C96	NHL	1	-	2	3	-	-	-	4	-	5	6	5	4	8	3	9	-	50	2.62
C90	Multiple Myeloma	-	-	-	-	-	-	-	1	1	-	1	-	6	1	3	4	-	17	0.89
C91	Lymphoid Leuk.	5	1	1	1	1	1	1	1	2	2	1	-	-	4	1	1	-	23	1.2
C92-94	Myeloid Leukaemia	2	1	2	4	2	1	2	3	4	2	7	5	-	1	3	2	-	41	2.14
C95	Leukaemia Uns	-	2	1	-	1	1	-	-	2	1	2	1	4	4	2	2	-	23	1.2
O&U	Other and Uns	1	1	-	1	3	5	1	9	9	11	21	12	18	27	11	11	-	141	7.37
	All Sites	15	9	11	19	14	32	42	90	123	177	250	221	234	242	169	258	6	1912	100.00

TABLE: BLR-8(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: 2001-2003 - Males
Bangalore PBCR

ICD-10	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
C00	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C01-02	-	-	-	-	-	-	0.2	-	0.8	1.9	2.3	2.0	4.6	8.0	8.7	3.6	0.7	1.0	0.13	1.8
C03-06	-	-	-	-	-	0.1	0.1	0.3	0.5	0.4	1.0	2.4	5.6	2.9	1.9	4.5	0.4	0.7	0.11	1.4
C07-8	-	-	-	-	0.1	-	-	-	0.2	0.4	0.5	-	-	0.7	1.0	-	0.1	0.1	0.04	0.2
C09	-	-	-	-	-	0.1	-	-	0.2	0.4	0.5	1.2	-	2.2	-	2.7	0.2	0.2	0.06	0.3
C10	-	-	-	-	-	-	-	-	0.2	0.2	0.5	0.8	1.4	0.7	1.0	0.9	0.1	0.2	0.06	0.4
C11	-	-	-	0.1	0.1	-	-	-	-	0.2	0.3	0.4	1.9	0.7	1.9	-	0.1	0.2	0.06	0.4
C12-13	-	-	-	-	-	-	-	0.5	0.7	0.8	1.3	3.2	3.2	6.6	3.9	5.4	0.5	0.8	0.12	1.4
C14	-	-	-	-	-	-	-	-	0.2	1.0	2.8	-	4.6	3.7	4.8	3.6	0.4	0.7	0.11	1.3
C15	-	-	-	-	-	-	0.1	0.3	1.4	2.1	4.5	11.7	10.7	19.0	22.2	23.5	1.8	2.8	0.22	4.3
C16	-	-	-	-	-	-	0.5	1.0	1.7	3.5	6.1	10.5	14.4	16.1	25.1	35.3	2.2	3.4	0.24	5.4
C17	-	-	-	-	-	-	-	-	-	-	0.3	0.8	-	-	1.9	1.8	0.1	0.1	0.05	0.1
C18	-	-	-	-	0.1	0.1	0.4	0.3	0.5	0.8	0.5	4.8	2.8	6.6	12.6	12.7	0.7	1.2	0.14	1.4
C19-20	-	-	-	0.1	-	0.2	-	0.3	0.2	1.0	1.3	3.2	2.3	4.4	8.7	10.9	0.6	0.9	0.13	1.2
C21	-	-	-	-	-	-	-	-	0.2	0.2	-	-	-	-	1.0	0.9	0.0	0.1	0.03	0.1
C22	0.1	-	-	-	-	0.2	0.1	0.5	0.5	1.7	4.5	6.8	13.0	16.1	25.1	26.2	1.7	2.7	0.22	3.8
C23-24	-	-	-	-	-	-	-	0.1	-	0.4	0.3	0.4	1.4	2.2	1.0	3.6	0.2	0.3	0.07	0.4
C25	-	-	-	-	-	0.1	-	0.5	0.5	1.7	2.5	4.0	4.6	8.0	7.7	3.6	0.8	1.1	0.14	2.1
C30-31	-	-	-	-	-	-	-	-	-	0.2	0.3	-	0.5	0.7	-	0.9	0.1	0.1	0.04	0.1
C32	-	-	-	0.1	-	0.1	-	-	0.5	0.6	1.8	2.8	4.6	5.9	7.7	7.2	0.6	0.9	0.13	1.5
C33-34	-	-	-	-	-	-	0.1	0.9	0.7	3.6	5.3	13.3	19.5	31.4	31.9	51.6	2.8	4.5	0.29	6.1
C37-38	-	-	-	0.1	-	0.1	-	-	-	0.4	-	-	-	2.2	-	-	0.1	0.1	0.04	0.1
C40-41	0.1	-	-	0.4	-	0.4	0.2	0.3	0.5	-	0.5	1.2	0.9	-	2.9	-	0.3	0.3	0.07	0.5
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	0.1	-	-	0.1	0.2	0.4	-	0.4	-	1.5	1.9	1.8	0.1	0.2	0.06	0.2
C45	-	-	-	-	-	-	-	-	-	0.2	0.3	0.4	-	2.2	1.0	0.9	0.1	0.1	0.05	0.1
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	-	-	-	-	0.2	0.1	-	-	-	-	-	0.4	-	-	1.0	1.8	0.1	0.1	0.04	0.1
C50	-	-	-	-	-	-	-	0.1	0.2	-	-	1.2	1.9	0.7	1.0	-	0.1	0.2	0.06	0.5
C60	-	-	-	-	-	-	-	0.1	0.2	0.4	0.8	0.4	0.5	0.7	1.9	-	0.1	0.2	0.05	0.4
C61	-	-	-	-	-	-	-	-	-	0.4	1.3	2.4	5.1	6.6	21.2	54.3	1.2	2.1	0.20	1.2
C62	-	-	-	-	-	-	0.1	0.1	0.2	-	0.3	-	-	-	-	-	0.0	0.0	0.02	0.1
C63	-	-	-	-	-	-	-	-	-	0.2	0.8	-	-	-	-	0.9	0.1	0.1	0.03	0.2
C64	0.1	-	-	0.1	-	-	-	-	-	0.2	1.3	1.2	3.2	0.7	1.9	6.3	0.3	0.5	0.09	0.8
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	0.0	0.0	0.02	-
C67	0.1	-	-	-	-	-	-	0.1	0.3	0.8	1.3	1.2	-	4.4	11.6	12.7	0.5	0.8	0.12	0.6
C68	-	-	-	-	-	-	-	0.1	-	-	0.3	-	0.5	0.7	-	-	0.0	0.1	0.03	0.1
C69	-	-	-	-	0.1	-	-	0.1	-	-	-	-	0.5	-	-	0.9	0.0	0.1	0.03	0.1
C70-72	0.3	0.8	0.2	-	0.1	0.1	0.8	0.8	0.8	2.5	2.3	3.2	4.6	4.4	5.8	7.2	1.0	1.3	0.14	2.2
C73	-	-	-	-	-	-	-	-	0.2	-	0.3	0.8	0.5	0.7	2.9	3.6	0.1	0.2	0.06	0.2
C74	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	-	0.0	0.0	0.02	0.1
C77	-	-	-	-	-	0.1	-	-	0.2	0.4	0.5	1.6	0.9	1.5	1.9	1.8	0.2	0.3	0.07	0.5
C78	-	-	-	-	-	-	-	-	0.3	0.2	0.8	1.6	1.4	3.7	3.9	3.6	0.3	0.4	0.09	0.6
C79	-	-	-	-	-	-	-	-	0.2	0.6	0.5	1.2	0.9	1.5	1.9	3.6	0.2	0.3	0.07	0.5
C81	-	0.1	0.2	-	-	-	0.1	0.3	0.5	0.2	0.3	0.4	0.9	0.7	-	-	0.2	0.2	0.05	0.4
C82-85,C96	0.1	0.1	0.1	0.1	0.4	0.1	0.4	0.4	1.2	1.5	2.8	3.6	4.6	5.1	11.6	7.2	0.9	1.3	0.15	2.1
C90	-	-	-	-	-	-	-	-	-	0.2	0.3	3.2	1.9	2.9	3.9	7.2	0.3	0.5	0.10	0.7
C91	1.0	0.4	0.4	0.3	0.4	0.1	0.2	0.1	0.3	0.4	-	0.4	0.5	2.9	1.0	3.6	0.4	0.5	0.09	0.3
C92-94	-	0.1	-	0.4	0.2	0.3	0.1	0.4	0.7	0.6	1.8	2.0	-	2.9	2.9	5.4	0.5	0.6	0.10	0.9
C95	-	-	-	0.1	0.4	0.1	0.1	-	-	0.4	0.5	0.8	0.5	-	2.9	0.9	0.2	0.2	0.06	0.3
O&U	-	0.3	0.5	0.2	0.3	0.2	0.6	0.8	0.8	2.5	5.1	9.7	8.3	16.1	10.6	32.6	1.8	2.7	0.21	3.9
All	1.9	1.8	1.4	2.2	2.3	2.4	4.3	8.8	16.4	34.1	58.9	106.7	133.0	201.9	263.6	361.8	23.7	36.0	0.79	51.9

TABLE: BLR-8(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: 2001-2003 - Females
Bangalore PBCR

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.9	0.0	0.0	0.02	-
C01-02	-	-	-	-	-	-	-	-	0.2	0.7	1.8	0.9	1.0	1.4	1.0	3.5	0.2	0.4	0.08	0.7
C03-06	-	-	-	-	-	0.1	-	0.1	0.2	2.0	3.0	4.6	7.5	7.1	8.0	6.9	0.9	1.3	0.15	2.5
C07-8	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	1.0	-	0.0	0.0	0.03	0.1
C09	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	0.0	0.0	0.02	0.1
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.0	-	0.0	0.0	0.02	-
C11	-	-	-	-	-	0.1	-	-	0.2	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C12-13	-	-	-	-	-	-	0.1	-	0.2	0.9	0.6	0.5	-	2.1	2.0	3.5	0.2	0.3	0.07	0.4
C14	-	-	-	-	0.1	-	-	0.1	-	-	1.2	0.9	-	0.7	-	6.9	0.2	0.3	0.07	0.3
C15	-	-	-	-	-	-	-	0.4	2.1	2.5	4.9	7.4	7.0	12.8	13.0	16.4	1.4	2.1	0.19	3.6
C16	-	-	-	-	-	0.3	1.4	1.1	1.0	2.3	5.5	5.1	8.5	9.3	12.0	12.1	1.4	2.0	0.18	3.5
C17	-	-	-	-	-	-	0.1	-	0.2	-	0.3	0.5	-	-	-	1.7	0.1	0.1	0.04	0.1
C18	-	-	-	-	-	0.2	0.1	0.3	0.8	0.7	2.1	2.8	2.5	4.3	6.0	13.0	0.7	1.0	0.13	1.4
C19-20	-	-	-	0.1	-	0.3	-	-	1.2	0.9	1.2	1.8	2.5	-	5.0	9.5	0.5	0.7	0.11	1.2
C21	-	-	-	-	-	-	-	-	-	0.5	-	0.5	-	0.7	-	-	0.0	0.1	0.03	0.1
C22	-	-	-	-	0.1	-	-	0.6	0.4	1.4	0.6	3.2	2.5	7.8	11.0	5.2	0.6	1.0	0.13	1.3
C23-24	-	-	-	-	-	0.1	0.1	-	0.4	0.5	1.5	0.5	1.5	2.1	6.0	5.2	0.4	0.5	0.10	0.7
C25	-	0.1	0.1	-	-	-	-	-	0.2	1.1	0.6	0.9	1.5	2.9	2.0	3.5	0.3	0.4	0.09	0.7
C30-31	-	-	-	-	-	-	-	-	-	0.2	0.3	-	0.5	1.4	1.0	-	0.1	0.1	0.05	0.2
C32	-	-	-	-	-	-	-	-	-	-	0.3	-	1.0	1.4	1.0	2.6	0.1	0.2	0.06	0.2
C33-34	-	-	-	-	-	-	-	0.1	1.2	2.5	1.8	6.0	4.5	5.0	5.0	14.7	0.9	1.3	0.15	2.4
C37-38	-	-	-	-	-	-	0.1	-	0.2	0.2	0.6	0.5	0.5	-	-	-	0.1	0.1	0.04	0.3
C40-41	-	0.1	0.1	0.2	0.1	0.1	0.1	0.1	-	-	0.9	0.9	1.0	0.7	-	1.7	0.2	0.3	0.06	0.4
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	0.1	0.1	-	-	0.2	-	-	-	1.0	1.4	1.0	-	0.1	0.1	0.05	0.2
C45	-	-	0.1	-	-	-	0.1	-	-	-	-	-	0.5	1.4	2.0	-	0.1	0.1	0.05	0.1
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	-	-	-	-	-	0.1	-	0.1	0.2	0.5	-	-	0.5	-	2.0	-	0.1	0.1	0.04	0.2
C50	0.1	-	-	-	-	0.3	1.3	3.1	6.6	7.0	18.9	21.2	22.0	22.1	19.1	34.6	4.0	5.5	0.31	11.9
C51	-	-	-	-	-	0.1	0.1	-	-	-	0.3	0.5	0.5	-	2.0	-	0.1	0.1	0.04	0.2
C52	-	-	-	-	-	-	-	0.1	-	0.2	-	-	0.5	0.7	2.0	-	0.1	0.1	0.04	0.1
C53	-	-	-	-	-	0.1	0.4	1.1	2.3	5.9	5.8	11.5	8.0	12.8	11.0	16.4	1.9	2.6	0.21	5.3
C54	-	-	-	-	-	-	-	-	0.4	0.5	0.3	2.8	6.0	5.7	-	3.5	0.4	0.7	0.11	1.3
C55	-	-	-	-	-	-	-	0.1	0.6	0.2	2.4	1.8	2.0	5.0	4.0	6.9	0.5	0.7	0.11	1.1
C56	-	-	0.1	0.4	0.2	0.2	0.4	0.7	1.0	2.0	3.0	8.3	7.5	12.1	12.0	11.2	1.3	1.9	0.19	3.3
C57	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	0.0	0.0	0.02	0.1
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	0.1	-	-	0.1	-	0.1	0.1	0.3	0.2	-	-	-	0.5	1.4	-	1.7	0.1	0.2	0.05	0.2
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	0.2	0.6	1.4	1.0	-	-	0.9	0.1	0.2	0.05	0.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	0.7	2.0	-	0.0	0.1	0.04	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	0.4	0.3	0.1	0.1	0.1	0.1	0.3	0.4	0.8	1.1	2.7	2.3	3.0	5.0	3.0	1.7	0.6	0.9	0.12	1.6
C73	-	-	-	-	-	-	0.1	0.1	-	0.2	0.9	0.5	-	3.6	3.0	6.0	0.3	0.4	0.08	0.3
C74	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.02	-
C77	-	-	-	-	-	0.1	-	0.1	-	0.5	0.6	0.9	0.5	-	2.0	1.7	0.2	0.2	0.06	0.4
C78	-	-	-	-	-	-	-	-	-	0.2	0.6	0.5	1.0	2.1	3.0	2.6	0.2	0.3	0.07	0.3
C79	-	-	-	-	-	-	-	0.1	0.2	-	0.3	-	-	2.1	-	1.7	0.1	0.1	0.05	0.1
C81	-	-	-	0.2	-	-	-	0.3	-	-	-	0.5	-	2.1	-	-	0.1	0.1	0.05	0.1
C82-85,C96	0.1	-	0.2	0.4	-	-	-	0.6	-	1.1	1.8	2.3	2.0	5.7	3.0	7.8	0.6	0.8	0.12	1.2
C90	-	-	-	-	-	-	-	0.1	0.2	-	0.3	-	3.0	0.7	3.0	3.5	0.2	0.3	0.08	0.5
C91	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.4	0.5	0.3	-	-	2.9	1.0	0.9	0.3	0.3	0.08	0.2
C92-94	0.3	0.1	0.2	0.5	0.2	0.1	0.3	0.4	0.8	0.5	2.1	2.3	-	0.7	3.0	1.7	0.5	0.6	0.09	1.0
C95	-	0.3	0.1	-	0.1	0.1	-	-	0.4	0.2	0.6	0.5	2.0	2.9	2.0	1.7	0.3	0.4	0.08	0.5
O&U	0.1	0.1	-	0.1	0.3	0.5	0.1	1.3	1.9	2.5	6.4	5.5	9.0	19.3	11.0	9.5	1.7	2.3	0.20	4.0
All	2.2	1.2	1.4	2.2	1.4	3.2	5.9	12.9	25.5	40.1	76.1	101.7	117.0	172.7	169.6	222.9	22.4	31.7	0.75	55.7

TABLE BLR-9(a): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003: Males - Bangalore PBCR

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.01	0.01	0.01	0.01
C01-02	Tongue	0.23	0.23	0.45	0.45
C03-06	Mouth	0.19	0.19	0.33	0.33
C07-8	Salivary Gland	0.05	0.05	0.07	0.07
C09	Tonsil	0.06	0.06	0.10	0.10
C10	Oth. Oropharynx	0.06	0.06	0.13	0.13
C11	Nasopharynx	0.03	0.03	0.05	0.05
C12-13	Hypopharynx	0.26	0.26	0.53	0.53
C14	Pharynx Unspecified	0.05	0.05	0.13	0.13
C15	Oesophagus	0.44	0.44	0.95	0.95
C16	Stomach	0.53	0.53	1.11	1.10
C17	Small Intestine	0.02	0.02	0.04	0.04
C18	Colon	0.20	0.20	0.43	0.43
C19-20	Rectum	0.17	0.17	0.45	0.45
C21	Anus & Anal Canal	0.02	0.02	0.04	0.04
C22	Liver	0.21	0.21	0.48	0.48
C23-24	Gallbladder etc.	0.05	0.05	0.09	0.09
C25	Pancreas	0.09	0.09	0.20	0.20
C30-31	Nose, Sinuses etc.	0.03	0.03	0.03	0.03
C32	Larynx	0.21	0.21	0.45	0.45
C33-34	Lung etc.	0.42	0.42	1.09	1.09
C37-38	Other Thoracic Organs	0.02	0.02	0.03	0.03
C40-41	Bone	0.05	0.05	0.08	0.08
C43	Melanoma of Skin	-	-	0.00	0.00
C44	Other Skin	0.08	0.08	0.16	0.16
C45	Mesothelioma	0.01	0.01	0.03	0.03
C46	Kaposi Sarcoma	0.00	0.00	0.00	0.00
C47 + C49	Conn. & Soft Tissue	0.04	0.04	0.08	0.08
C50	Breast	0.03	0.03	0.05	0.05
C60	Penis	0.06	0.06	0.10	0.10
C61	Prostate	0.14	0.14	0.70	0.70
C62	Testis	0.03	0.03	0.03	0.03
C63	Other Male Genital	0.01	0.01	0.03	0.03
C64	Kidney etc.	0.10	0.10	0.21	0.21
C65	Renal Pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.16	0.16	0.36	0.35
C68	Uns.Urinary Organs	0.01	0.01	0.02	0.02
C69	Eye	0.01	0.01	0.03	0.03
C70-72	Brain, Nervous System	0.24	0.24	0.37	0.37
C73	Thyroid	0.09	0.09	0.13	0.13
C74	Adrenal Gland	0.01	0.01	0.01	0.01
C77	Sec Lymph Nodes	0.09	0.09	0.18	0.18
C78	Sec Resp & Digestive	0.06	0.06	0.11	0.11
C79	Sec Others	0.06	0.06	0.13	0.13
C81	Hodgkins Disease	0.09	0.09	0.12	0.12
C82-85,C96	NHL	0.27	0.27	0.45	0.45
C90	Multiple Myeloma	0.08	0.08	0.18	0.18
C91	Lymphoid Leuk.	0.09	0.09	0.13	0.13
C92-94	Myeloid Leukaemia	0.11	0.11	0.16	0.16
C95	Leukaemia Uns	0.01	0.01	0.03	0.03
O&U	Other and Uns	0.16	0.16	0.33	0.33
	All Sites	5.42	5.28	11.39	10.77

TABLE BLR-9(b): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003: Females - Bangalore PBCR

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.01	0.01	0.01	0.01
C01-02	Tongue	0.07	0.07	0.15	0.15
C03-06	Mouth	0.41	0.40	0.69	0.69
C07-8	Salivary Gland	0.02	0.02	0.03	0.03
C09	Tonsil	0.01	0.01	0.02	0.02
C10	Oth. Oropharynx	0.01	0.01	0.01	0.01
C11	Nasopharynx	0.02	0.02	0.02	0.02
C12-13	Hypopharynx	0.07	0.07	0.14	0.14
C14	Pharynx Unspecified	0.01	0.01	0.02	0.02
C15	Oesophagus	0.48	0.48	0.93	0.92
C16	Stomach	0.32	0.32	0.60	0.60
C17	Small Intestine	0.02	0.02	0.03	0.03
C18	Colon	0.17	0.17	0.32	0.32
C19-20	Rectum	0.14	0.14	0.23	0.23
C21	Anus & Anal Canal	0.02	0.02	0.06	0.06
C22	Liver	0.07	0.07	0.16	0.16
C23-24	Gallbladder etc.	0.06	0.06	0.13	0.13
C25	Pancreas	0.05	0.05	0.08	0.08
C30-31	Nose, Sinuses etc.	0.02	0.02	0.03	0.03
C32	Larynx	0.03	0.03	0.07	0.07
C33-34	Lung etc.	0.18	0.18	0.33	0.33
C37-38	Other Thoracic Organs	0.02	0.02	0.02	0.02
C40-41	Bone	0.05	0.05	0.07	0.07
C43	Melanoma of Skin	0.00	0.00	0.01	0.01
C44	Other Skin	0.08	0.08	0.19	0.19
C45	Mesothelioma	0.01	0.01	0.03	0.03
C46	Kaposi Sarcoma	-	-	-	-
C47 + C49	Conn. & Soft Tissue	0.05	0.05	0.08	0.08
C50	Breast	2.12	2.10	3.17	3.12
C51	Vulva	0.03	0.03	0.08	0.08
C52	Vagina	0.03	0.03	0.08	0.08
C53	Cervix Uteri	1.33	1.32	2.12	2.10
C54	Corpus Uteri	0.32	0.32	0.53	0.53
C55	Uterus Unspecified	0.06	0.06	0.08	0.08
C56	Ovary etc.	0.45	0.45	0.69	0.68
C57	Other Female Genital	0.00	0.00	0.02	0.02
C58	Placenta	0.00	0.00	0.00	0.00
C64	Kidney etc.	0.05	0.05	0.08	0.08
C65	Renal Pelvis	-	-	-	-
C66	Ureter	-	-	0.00	0.00
C67	Bladder	0.05	0.05	0.09	0.09
C68	Uns.Urinary Organs	0.00	0.00	0.01	0.01
C69	Eye	0.01	0.01	0.01	0.01
C70-72	Brain, Nervous System	0.18	0.18	0.26	0.26
C73	Thyroid	0.20	0.20	0.31	0.31
C74	Adrenal Gland	0.00	0.00	0.00	0.00
C77	Sec Lymph Nodes	0.05	0.05	0.08	0.08
C78	Sec Resp & Digestive	0.05	0.05	0.14	0.14
C79	Sec Others	0.04	0.04	0.08	0.08
C81	Hodgkins Disease	0.04	0.04	0.06	0.06
C82-85,C96	NHL	0.16	0.16	0.34	0.33
C90	Multiple Myeloma	0.09	0.09	0.17	0.17
C91	Lymphoid Leuk.	0.06	0.06	0.09	0.09
C92-94	Myeloid Leukaemia	0.11	0.11	0.14	0.14
C95	Leukaemia Uns	0.03	0.03	0.04	0.04
O&U	Other and Uns	0.14	0.14	0.31	0.31
	All Sites	8.00	7.69	13.42	12.56

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, Mr D. N. Rao, Dr V.R. Keskar,
Dr R. Rajeshwarkar**, Co-investigators

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 areas of three sub-districts in western India viz. Barshi in Solapur district and Paranda & Bhum in Osmanabad district, situated in the vicinity of Nargis Dutt Memorial Cancer Hospital (NDMCH), (located on the outskirts of Barshi town), with a total population of 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° and 76.4°E. Most of the population is 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 centers 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 and histopathological laboratories (situated far & wide), which serve the population. However 60% of cases are registered from NDMCH to which the field investigator generally refers 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 given by NDMCH for free.

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).

As we have been interacting with the Registry population for almost two decades, the cancer awareness as mentioned earlier has increased. The literacy rates have also improved in the rural population. We have reduced the Registry inputs to collect cases directly from the community in that we now make only one round of village visits every year instead of two, hold mega clinics and extend our work to an additional tehsil, probably in Beed. The revised method will be evaluated at the end of the year.

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 cases do not reach any of the diagnostic centres and medical records by the private practitioners are almost non-existent.

References

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Figure BRS-1

Population Pyramid showing Age Distribution: 2001-2003

Barshi

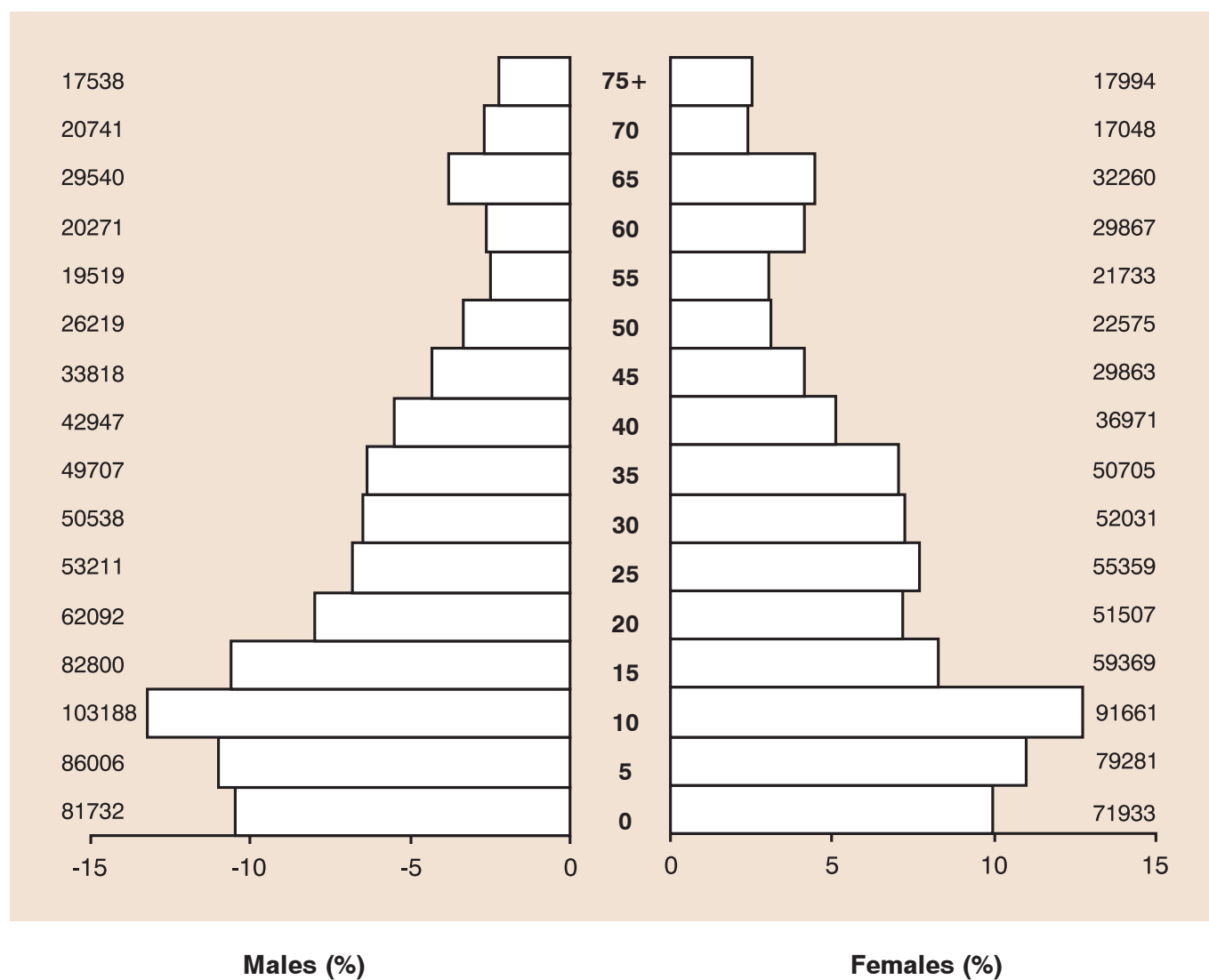


TABLE: BRS - 1**Population by Five Year Age Group and Gender: 2001-2003***Number and Relative Proportion (%)***Barshi**

Age Group	MALES		FEMALES	
	Number	%	Number	%
0-4	81732	10.48	71933	9.99
5-9	86006	11.03	79281	11.01
10-14	103188	13.23	91661	12.73
15-19	82800	10.62	59369	8.24
20-24	62092	7.96	51507	7.15
25-29	53211	6.82	55359	7.69
30-34	50538	6.48	52031	7.22
35-39	49707	6.37	50705	7.04
40-44	42947	5.51	36971	5.13
45-49	33818	4.34	29863	4.15
50-54	26219	3.36	22575	3.13
55-59	19519	2.50	21733	3.02
60-64	20271	2.60	29867	4.15
65-69	29540	3.79	32260	4.48
70-74	20741	2.66	17048	2.37
75+	17538	2.25	17994	2.50
Total	779869	100.00	720155	100.00

TABLE : BRS- 2
Main Sources of Registration of Incident Cases of Cancer : 2001-2003
Barshi

Name of the Institution	Number	%
Barshi Cancer Hospital	412	61.22
Camp	30	4.46
Jagdale Mama Hospital	28	4.16
Dr. A.s. Kothari Hospital	24	3.57
Hiremath Hospital	18	2.67
College	17	2.53
Kahate Pathology Lab	15	2.23
Dr. Patil Pathology Lab	14	2.08
ICS-poona Registry Non / Resi	13	1.93
Dr.jagtap Pathology Lab	12	1.78
Home Visits Live Cases	12	1.78
Tata Memorial Centre	10	1.49
Dr. Yadav Hospital	8	1.19
Sidheshwar Cancer Hospital	7	1.04
Pune	6	0.89
Ashwini Sahakari Rugnalya	5	0.74
Shubham Nursing Home	5	0.74
Others	37	5.50
Total	673	100.00

1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 2001-2003.
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-3 (a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Barshi

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	0.63
C01-02	Tongue	-	-	-	-	-	1	-	-	-	-	1	1	3	3	-	-	-	9	2.84
C03-06	Mouth	-	-	-	-	-	-	1	1	3	1	5	3	3	2	1	2	-	22	6.94
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	1	1	1	-	2	-	-	-	-	5	1.58
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	0.63
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	-	4	1.26
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.32
C12-13	Hypopharynx	-	-	-	-	-	-	-	2	1	1	4	2	1	3	5	4	-	23	7.26
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	1	-	2	4	2	4	8	10	2	-	33	10.41
C16	Stomach	-	-	-	-	-	-	3	-	-	-	-	1	2	3	1	2	-	12	3.79
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	Rectum	-	-	-	1	-	-	-	2	-	-	-	-	1	2	2	-	-	8	2.52
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	-	1	-	1	-	2	-	-	4	1.26
C22	Liver	-	-	-	-	1	-	1	1	-	1	4	2	1	7	2	2	-	22	6.94
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	1	-	1	-	1	2	1	-	-	-	6	1.89
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	-	3	-	1	-	-	4	1.26
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.32
C32	Larynx	-	-	-	-	-	-	-	-	1	-	1	-	1	2	3	3	-	11	3.47
C33-34	Lung etc.	-	-	-	1	-	1	-	-	-	1	-	-	3	2	5	2	-	15	4.73
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	1	-	-	3	-	-	-	-	-	2	-	-	1	1	-	-	-	8	2.52
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	3	-	-	-	-	-	-	2	1	1	-	7	2.21
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	3	0.95
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	0.63
C60	Penis	-	-	-	-	-	1	-	-	-	-	1	2	2	-	4	1	-	11	3.47
C61	Prostate	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	4	-	10	3.15
C62	Testis	-	-	-	-	-	-	1	-	1	1	-	-	-	-	-	-	-	3	0.95
C63	Other Male Genital	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.32
C64	Kidney etc.	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	2	0.63
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	1	-	2	-	3	-	-	-	6	1.89
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	0.95
C70-72	Brain, Nervous System	1	1	-	-	-	2	1	2	-	-	-	-	-	1	1	-	-	9	2.84
C73	Thyroid	-	-	-	1	-	-	-	1	-	1	-	-	1	-	-	-	-	4	1.26
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	1	-	-	-	-	1	2	-	-	-	4	1.26
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	1	-	-	-	1	2	1	1	-	-	6	1.89
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.32
C81	Hodgkins Disease	1	1	1	-	1	-	-	1	-	-	1	-	-	-	-	-	-	6	1.89
C82-85,C96	NHL	-	-	-	-	1	1	-	2	-	-	2	2	-	-	-	-	-	8	2.52
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.32
C91	Lymphoid Leuk.	1	2	2	-	-	-	-	-	-	-	-	-	-	1	-	1	-	7	2.21
C92-94	Myeloid Leukaemia	-	1	-	2	2	-	1	-	1	-	-	-	1	1	1	-	-	10	3.15
C95	Leukaemia Uns	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.63
O&U	Other and Uns	1	-	-	-	-	2	-	1	1	2	1	1	2	3	4	1	-	19	5.99
	All Sites	8	6	3	9	5	8	11	17	9	15	28	21	40	52	53	32	-	317	100.00

TABLE BRS-3 (b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Females

% = Relative Proportion of Cancers of All Sites.

Barshi

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C03-06	Mouth	-	-	-	-	-	-	-	1	-	1	3	1	-	4	3	1	-	14	3.93
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	1	-	-	-	2	1	-	2	1	-	7	1.97
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	1	1	3	1	1	2	2	3	2	-	16	4.49
C16	Stomach	-	-	-	-	-	-	-	1	-	-	-	2	2	1	1	-	-	7	1.97
C17	Small Intestine	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	0.56
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	0.56
C19-20	Rectum	-	-	-	-	-	1	-	1	-	-	-	1	1	-	-	-	-	4	1.12
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.28
C22	Liver	-	-	-	-	-	-	-	-	-	-	2	-	1	1	-	2	-	6	1.69
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	-	1	-	1	1	-	-	-	-	3	0.84
C25	Pancreas	-	-	-	-	-	-	-	1	1	1	1	1	-	1	-	-	-	6	1.69
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	2	0.56
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	1	1	2	-	-	-	4	1.12
C33-34	Lung etc.	-	-	-	-	-	-	-	-	3	1	-	1	-	-	-	-	-	5	1.40
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.28
C40-41	Bone	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	0.56
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	2	-	6	1.69
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	Breast	-	-	-	-	-	-	-	5	9	10	11	6	5	9	3	2	-	60	16.85
C51	Vulva	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.28
C52	Vagina	-	-	-	-	-	-	-	-	-	1	-	1	2	-	-	-	-	4	1.12
C53	Cervix Uteri	-	-	-	-	-	1	5	5	16	13	11	17	21	29	10	3	-	131	36.80
C54	Corpus Uteri	-	-	-	-	-	-	-	-	-	-	1	1	1	1	-	1	-	5	1.40
C55	Uterus Unspecified	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.28
C56	Ovary etc.	-	-	-	-	-	-	-	-	2	4	3	1	2	-	-	-	-	12	3.37
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	1	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	3	0.84
C65	Renal Pelvis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.28
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.56
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.56
C70-72	Brain, Nervous System	-	1	-	-	1	1	-	1	-	-	-	1	-	-	-	-	-	5	1.40
C73	Thyroid	-	-	-	-	-	1	-	-	-	1	-	-	1	2	-	-	-	5	1.40
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0.28
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.28
C79	Sec Others	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.28
C81	Hodgkins Disease	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.28
C82-85,C96	NHL	-	1	-	1	-	1	-	-	-	-	1	-	1	1	-	1	-	7	1.97
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C91	Lymphoid Leuk.	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	0.84
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	1	-	-	2	-	1	1	-	-	-	-	5	1.40
C95	Leukaemia Uns	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	2	0.56
O&U	Other and Uns	-	-	1	-	-	-	1	-	1	-	-	2	4	4	1	1	-	15	4.21
	All Sites	3	6	4	1	3	5	8	18	34	44	37	42	50	59	25	17	-	356	100.00

TABLE: BRS-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: 2001-2003 - Males
Barshi

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	5.7	0.3	0.2	0.15	-
C01-02	-	-	-	-	-	1.9	-	-	-	-	3.8	5.1	14.8	10.2	-	-	1.2	1.4	0.50	3.2
C03-06	-	-	-	-	-	-	2.0	2.0	7.0	3.0	19.1	15.4	14.8	6.8	4.8	11.4	2.8	3.5	0.77	9.3
C07-8	-	-	-	-	-	-	-	-	2.3	3.0	3.8	-	9.9	-	-	-	0.6	0.9	0.41	2.9
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.4	0.3	0.2	0.16	-
C10	-	-	-	-	-	-	-	-	-	-	3.8	-	9.9	-	-	5.7	0.5	0.7	0.36	1.9
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	0.1	0.1	0.10	-
C12-13	-	-	-	-	-	-	-	4.0	2.3	3.0	15.3	10.2	4.9	10.2	24.1	22.8	2.9	3.2	0.69	6.2
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	2.0	-	5.9	15.3	10.2	19.7	27.1	48.2	11.4	4.2	4.4	0.81	7.9
C16	-	-	-	-	-	-	5.9	-	-	-	-	5.1	9.9	10.2	4.8	11.4	1.5	1.6	0.48	1.9
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	-	-	-	1.2	-	-	-	4.0	-	-	-	-	4.9	6.8	9.6	-	1.0	0.9	0.35	1.4
C21	-	-	-	-	-	-	-	-	-	-	3.8	-	4.9	-	9.6	-	0.5	0.6	0.31	1.3
C22	-	-	-	-	1.6	-	2.0	2.0	-	3.0	15.3	10.2	4.9	23.7	9.6	11.4	2.8	3.0	0.68	5.4
C23-24	-	-	-	-	-	-	-	2.0	-	3.0	-	5.1	9.9	3.4	-	-	0.8	1.0	0.42	2.9
C25	-	-	-	-	-	-	-	-	-	-	-	-	14.8	-	4.8	-	0.5	0.7	0.36	1.9
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	0.1	0.1	0.10	-
C32	-	-	-	-	-	-	-	-	2.3	-	3.8	-	4.9	6.8	14.5	17.1	1.4	1.4	0.43	1.7
C33-34	-	-	-	1.2	-	1.9	-	-	-	3.0	-	-	14.8	6.8	24.1	11.4	1.9	1.9	0.53	2.5
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	1.2	-	-	3.6	-	-	-	-	-	5.9	-	-	4.9	3.4	-	-	1.0	1.1	0.41	1.8
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	5.9	-	-	-	-	-	-	6.8	4.8	5.7	0.9	0.8	0.29	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	-	-	-	-	-	-	-	-	-	-	-	-	4.9	3.4	-	5.7	0.4	0.4	0.25	0.6
C50	-	-	-	-	-	-	-	-	-	-	-	5.1	-	-	4.8	-	0.3	0.3	0.23	0.7
C60	-	-	-	-	-	1.9	-	-	-	-	3.8	10.2	9.9	-	19.3	5.7	1.4	1.6	0.52	3.2
C61	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	24.1	22.8	1.3	1.0	0.33	-
C62	-	-	-	-	-	-	2.0	-	2.3	3.0	-	-	-	-	-	-	0.4	0.4	0.26	1.0
C63	-	-	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.11	-
C64	-	-	-	-	-	-	-	-	-	-	3.8	-	-	3.4	-	-	0.3	0.3	0.22	0.6
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	3.0	-	10.2	-	10.2	-	-	0.8	0.9	0.38	1.9
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	1.2	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	0.4	0.4	0.22	-
C70-72	1.2	1.2	-	-	-	3.8	2.0	4.0	-	-	-	-	-	3.4	4.8	-	1.2	1.1	0.38	0.8
C73	-	-	-	1.2	-	-	-	2.0	-	3.0	-	-	4.9	-	-	-	0.5	0.6	0.31	1.6
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	-	-	-	2.0	-	-	-	-	4.9	6.8	-	-	0.5	0.5	0.27	1.0
C78	-	-	-	-	-	-	-	2.0	-	-	-	5.1	9.9	3.4	4.8	-	0.8	0.9	0.39	2.3
C79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	0.1	0.1	0.11	-
C81	1.2	1.2	1.0	-	1.6	-	-	2.0	-	-	3.8	-	-	-	-	-	0.8	0.8	0.33	1.0
C82-85,C96	-	-	-	-	1.6	1.9	-	4.0	-	-	7.6	10.2	-	-	-	-	1.0	1.3	0.47	3.3
C90	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4	-	-	0.1	0.1	0.10	-
C91	1.2	2.3	1.9	-	-	-	-	-	-	-	-	-	-	3.4	-	5.7	0.9	0.8	0.30	-
C92-94	-	1.2	-	2.4	3.2	-	2.0	-	2.3	-	-	-	4.9	3.4	4.8	-	1.3	1.2	0.40	1.1
C95	2.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	0.21	-
O&U	1.2	-	-	-	-	3.8	-	2.0	2.3	5.9	3.8	5.1	9.9	10.2	19.3	5.7	2.4	2.7	0.63	4.5
All	9.8	7.0	2.9	10.9	8.1	15.0	21.8	34.2	21.0	44.4	106.8	107.6	197.3	176.0	255.5	182.5	40.6	43.8	2.57	75.8

TABLE: BRS-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: 2001-2003 - Females
Barshi

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C03-06	-	-	-	-	-	-	-	2.0	-	3.3	13.3	4.6	-	12.4	17.6	5.6	1.9	2.0	0.57	3.8
C07-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	2.0	-	-	-	9.2	3.3	-	11.7	5.6	1.0	1.0	0.37	2.0
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	2.0	2.7	10.0	4.4	4.6	6.7	6.2	17.6	11.1	2.2	2.3	0.60	5.0
C16	-	-	-	-	-	-	-	2.0	-	-	-	9.2	6.7	3.1	5.9	-	1.0	1.0	0.37	2.4
C17	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	5.9	-	0.3	0.3	0.23	0.6
C18	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	-	5.6	0.3	0.2	0.17	0.4
C19-20	-	-	-	-	-	1.8	-	2.0	-	-	-	4.6	3.3	-	-	-	0.6	0.6	0.29	1.4
C21	-	-	-	-	-	-	-	-	2.7	-	-	-	-	-	-	-	0.1	0.2	0.16	0.5
C22	-	-	-	-	-	-	-	-	-	-	8.9	-	3.3	3.1	-	11.1	0.8	0.9	0.39	1.9
C23-24	-	-	-	-	-	-	-	-	-	3.3	-	4.6	3.3	-	-	-	0.4	0.5	0.30	1.7
C25	-	-	-	-	-	-	-	2.0	2.7	3.3	4.4	4.6	-	3.1	-	-	0.8	1.0	0.42	2.9
C30-31	-	-	-	-	-	-	-	2.0	-	3.3	-	-	-	-	-	-	0.3	0.3	0.23	1.0
C32	-	-	-	-	-	-	-	-	-	-	-	4.6	3.3	6.2	-	-	0.6	0.5	0.26	1.0
C33-34	-	-	-	-	-	-	-	-	8.1	3.3	-	4.6	-	-	-	-	0.7	0.9	0.39	2.8
C37-38	-	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-	0.1	0.2	0.22	0.7
C40-41	-	-	1.1	-	1.9	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	0.18	-
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	3.3	-	4.6	-	3.1	5.9	11.1	0.8	0.8	0.35	1.2
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	-	-	-	-	-	-	-	9.9	24.3	33.5	48.7	27.6	16.7	27.9	17.6	11.1	8.3	9.7	1.30	26.7
C51	-	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-	0.1	0.2	0.22	0.7
C52	-	-	-	-	-	-	-	-	-	3.3	-	4.6	6.7	-	-	-	0.6	0.7	0.33	2.1
C53	-	-	-	-	-	1.8	9.6	9.9	43.3	43.5	48.7	78.2	70.3	89.9	58.7	16.7	18.2	19.1	1.74	45.7
C54	-	-	-	-	-	-	-	-	-	-	4.4	4.6	3.3	3.1	-	5.6	0.7	0.7	0.35	1.7
C55	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	-	-	0.1	0.2	0.20	0.6
C56	-	-	-	-	-	-	-	-	5.4	13.4	13.3	4.6	6.7	-	-	-	1.7	2.2	0.66	7.2
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	1.3	-	-	-	-	-	-	-	3.3	-	-	3.3	-	-	-	0.4	0.5	0.27	1.1
C65	1.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.17	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	3.3	3.1	-	-	0.3	0.2	0.16	0.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	1.4	1.3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	0.21	-
C70-72	-	1.3	-	-	1.9	1.8	-	2.0	-	-	-	4.6	-	-	-	-	0.7	0.7	0.33	1.0
C73	-	-	-	-	-	1.8	-	-	-	3.3	-	-	3.3	6.2	-	-	0.7	0.7	0.31	1.1
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	1.9	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.16	-
C78	-	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-	0.1	0.2	0.22	0.7
C79	-	-	-	-	-	-	-	-	-	3.3	-	-	-	-	-	-	0.1	0.2	0.20	0.6
C81	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.10	-
C82-85,C96	-	1.3	-	1.7	-	1.8	-	-	-	-	4.4	-	3.3	3.1	-	5.6	1.0	1.0	0.38	1.1
C90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C91	1.4	2.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.4	0.24	-
C92-94	-	-	-	-	-	-	1.9	-	-	6.7	-	4.6	3.3	-	-	-	0.7	0.8	0.38	2.3
C95	-	-	1.1	-	-	-	1.9	-	-	-	-	-	-	-	-	-	0.3	0.2	0.15	-
O&U	-	-	1.1	-	-	-	1.9	-	2.7	-	-	9.2	13.4	12.4	5.9	5.6	2.1	1.9	0.50	3.4
All	4.2	7.6	4.4	1.7	5.8	9.0	15.4	35.5	92.0	147.3	163.9	193.3	167.4	182.9	146.7	94.5	49.4	53.3	2.94	126.2

TABLE: BRS-5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis: 2001-2003 - Males
Barshi

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C01-02	Tongue	9	100.0	-	-	-	-	-	-	-	-	9	100.0
C03-06	Mouth	21	95.5	-	-	1	4.5	-	-	-	-	22	100.0
C07-8	Salivary Gland	4	80.0	1	20.0	-	-	-	-	-	-	5	100.0
C09	Tonsil	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C10	Oth. Oropharynx	4	100.0	-	-	-	-	-	-	-	-	4	100.0
C11	Nasopharynx	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C12-13	Hypopharynx	22	95.7	-	-	1	4.3	-	-	-	-	23	100.0
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	27	81.8	4	12.1	1	3.0	1	3.0	-	-	33	100.0
C16	Stomach	10	83.3	-	-	-	-	2	16.7	-	-	12	100.0
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	Rectum	6	75.0	-	-	2	25.0	-	-	-	-	8	100.0
C21	Anus & Anal Canal	4	100.0	-	-	-	-	-	-	-	-	4	100.0
C22	Liver	18	81.8	1	4.5	2	9.1	1	4.5	-	-	22	100.0
C23-24	Gallbladder etc.	5	83.3	-	-	-	-	1	16.7	-	-	6	100.0
C25	Pancreas	2	50.0	-	-	-	-	2	50.0	-	-	4	100.0
C30-31	Nose, Sinuses etc.	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C32	Larynx	9	81.8	-	-	2	18.2	-	-	-	-	11	100.0
C33-34	Lung etc.	12	80.0	1	6.7	1	6.7	1	6.7	-	-	15	100.0
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	8	100.0	-	-	-	-	-	-	-	-	8	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	7	100.0	-	-	-	-	-	-	-	-	7	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C50	Breast	1	50.0	-	-	1	50.0	-	-	-	-	2	100.0
C60	Penis	8	72.7	2	18.2	1	9.1	-	-	-	-	11	100.0
C61	Prostate	7	70.0	-	-	1	10.0	2	20.0	-	-	10	100.0
C62	Testis	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C63	Other Male Genital	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C64	Kidney etc.	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	5	83.3	-	-	-	-	1	16.7	-	-	6	100.0
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C70-72	Brain, Nervous System	8	88.9	-	-	-	-	1	11.1	-	-	9	100.0
C73	Thyroid	4	100.0	-	-	-	-	-	-	-	-	4	100.0
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	3	75.0	-	-	1	25.0	-	-	-	-	4	100.0
C78	Sec Resp & Digestive	5	83.3	-	-	-	-	1	16.7	-	-	6	100.0
C79	Sec Others	-	-	1	100.0	-	-	-	-	-	-	1	100.0
C81	Hodgkins Disease	6	100.0	-	-	-	-	-	-	-	-	6	100.0
C82-85,C96	NHL	8	100.0	-	-	-	-	-	-	-	-	8	100.0
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	1	100.0	1	100.0
C91	Lymphoid Leuk.	7	100.0	-	-	-	-	-	-	-	-	7	100.0
C92-94	Myeloid Leukaemia	10	100.0	-	-	-	-	-	-	-	-	10	100.0
C95	Leukaemia Uns	2	100.0	-	-	-	-	-	-	-	-	2	100.0
O&U	Other and Uns	13	68.4	1	5.3	3	15.8	2	10.5	-	-	19	100.0
All	All Sites	273	86.1	11	3.5	17	5.4	15	4.7	1	0.3	317	100.0

TABLE: BRS-5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis : 2001-2003 - Females
Barshi

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	-	-	-	-
C03-06	Mouth	13	92.9	-	-	1	7.1	-	-	-	-	14	100.0
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	6	85.7	-	-	1	14.3	-	-	-	-	7	100.0
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	13	81.3	2	12.5	-	-	1	6.3	-	-	16	100.0
C16	Stomach	5	71.4	-	-	2	28.6	-	-	-	-	7	100.0
C17	Small Intestine	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C18	Colon	1	50.0	-	-	-	-	1	50.0	-	-	2	100.0
C19-20	Rectum	3	75.0	-	-	1	25.0	-	-	-	-	4	100.0
C21	Anus & Anal Canal	-	-	-	-	1	100.0	-	-	-	-	1	100.0
C22	Liver	5	83.3	-	-	-	-	1	16.7	-	-	6	100.0
C23-24	Gallbladder etc.	2	66.7	-	-	-	-	1	33.3	-	-	3	100.0
C25	Pancreas	3	50.0	-	-	1	16.7	2	33.3	-	-	6	100.0
C30-31	Nose, Sinuses etc.	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C32	Larynx	4	100.0	-	-	-	-	-	-	-	-	4	100.0
C33-34	Lung etc.	5	100.0	-	-	-	-	-	-	-	-	5	100.0
C37-38	Other Thoracic Organs	-	-	-	-	1	100.0	-	-	-	-	1	100.0
C40-41	Bone	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	5	83.3	-	-	1	16.7	-	-	-	-	6	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	-	-	-	-	-	-	-
C50	Breast	56	93.3	-	-	4	6.7	-	-	-	-	60	100.0
C51	Vulva	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C52	Vagina	3	75.0	1	25.0	-	-	-	-	-	-	4	100.0
C53	Cervix Uteri	123	93.9	1	0.8	7	5.3	-	-	-	-	131	100.0
C54	Corpus Uteri	5	100.0	-	-	-	-	-	-	-	-	5	100.0
C55	Uterus Unspecified	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C56	Ovary etc.	10	83.3	1	8.3	-	-	1	8.3	-	-	12	100.0
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	2	66.7	1	33.3	-	-	-	-	-	-	3	100.0
C65	Renal Pelvis	-	-	-	-	1	100.0	-	-	-	-	1	100.0
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C70-72	Brain, Nervous System	4	80.0	1	20.0	-	-	-	-	-	-	5	100.0
C73	Thyroid	5	100.0	-	-	-	-	-	-	-	-	5	100.0
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C78	Sec Resp & Digestive	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C79	Sec Others	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C81	Hodgkins Disease	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C82-85,C96	NHL	7	100.0	-	-	-	-	-	-	-	-	7	100.0
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	-	-	-
C91	Lymphoid Leuk.	3	100.0	-	-	-	-	-	-	-	-	3	100.0
C92-94	Myeloid Leukaemia	4	80.0	-	-	-	-	-	-	1	20.0	5	100.0
C95	Leukaemia Uns	2	100.0	-	-	-	-	-	-	-	-	2	100.0
O&U	Other and Uns	12	80.0	1	6.7	-	-	-	-	2	13.3	15	100.0
	All Sites	317	89.0	8	2.2	21	5.9	7	2.0	3	0.8	356	100.0

TABLE: BRS-6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Males : Barshi

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C01-02	Tongue	9	100.0	-	-	-	-	-	-	-	-	-	-	9	100.0
C03-06	Mouth	21	95.5	-	-	-	-	-	-	-	-	1	4.5	22	100.0
C07-8	Salivary Gland	1	20.0	-	-	3	60.0	-	-	-	-	1	20.0	5	100.0
C09	Tonsil	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C10	Oth. Oropharynx	4	100.0	-	-	-	-	-	-	-	-	-	-	4	100.0
C11	Nasopharynx	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C12-13	Hypopharynx	22	95.7	-	-	-	-	-	-	-	-	1	4.3	23	100.0
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	27	81.8	-	-	-	-	-	-	-	-	6	18.2	33	100.0
C16	Stomach	9	75.0	1	8.3	-	-	-	-	-	-	2	16.7	12	100.0
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	Rectum	6	75.0	-	-	-	-	-	-	-	-	2	25.0	8	100.0
C21	Anus & Anal Canal	4	100.0	-	-	-	-	-	-	-	-	-	-	4	100.0
C22	Liver	13	59.1	-	-	5	22.7	-	-	-	-	4	18.2	22	100.0
C23-24	Gallbladder etc.	4	66.7	-	-	1	16.7	-	-	-	-	1	16.7	6	100.0
C25	Pancreas	1	25.0	1	25.0	-	-	-	-	-	-	2	50.0	4	100.0
C30-31	Nose, Sinuses etc.	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C32	Larynx	9	81.8	-	-	-	-	-	-	-	-	2	18.2	11	100.0
C33-34	Lung etc.	5	33.3	1	6.7	6	40.0	-	-	-	-	3	20.0	15	100.0
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	8	100.0	-	-	-	-	-	-	-	-	-	-	8	100.0
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	6	85.7	1	14.3	-	-	-	-	-	-	-	-	7	100.0
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	3	100.0	-	-	-	-	-	-	-	-	-	-	3	100.0
C50	Breast	1	50.0	-	-	-	-	-	-	-	-	1	50.0	2	100.0
C60	Penis	8	72.7	-	-	-	-	-	-	-	-	3	27.3	11	100.0
C61	Prostate	5	50.0	-	-	1	10.0	1	10.0	-	-	3	30.0	10	100.0
C62	Testis	2	66.7	-	-	1	33.3	-	-	-	-	-	-	3	100.0
C63	Other Male Genital	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C64	Kidney etc.	2	100.0	-	-	-	-	-	-	-	-	-	-	2	100.0
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	5	83.3	-	-	-	-	-	-	-	-	1	16.7	6	100.0
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	3	100.0	-	-	-	-	-	-	-	-	-	-	3	100.0
C70-72	Brain, Nervous System	7	77.8	1	11.1	-	-	-	-	-	-	1	11.1	9	100.0
C73	Thyroid	2	50.0	2	50.0	-	-	-	-	-	-	-	-	4	100.0
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	2	50.0	1	25.0	-	-	-	-	1	25.0	4	100.0
C78	Sec Resp & Digestive	-	-	2	33.3	3	50.0	-	-	-	-	1	16.7	6	100.0
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	1	100.0	1	100.0
C81	Hodgkins Disease	6	100.0	-	-	-	-	-	-	-	-	-	-	6	100.0
C82-85, C96	NHL	4	50.0	-	-	1	12.5	1	12.5	2	25.0	-	-	8	100.0
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	-	1	100.0	1	100.0
C91	Lymphoid Leuk.	2	28.6	-	-	-	-	-	-	5	71.4	-	-	7	100.0
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	-	-	10	100.0	-	-	10	100.0
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	2	100.0	-	-	2	100.0
O&U	Other and Uns	1	5.3	5	26.3	6	31.6	-	-	1	5.3	6	31.6	19	100.0
	All Sites	207	65.3	16	5.0	28	8.8	2	0.6	20	6.3	44	13.9	317	100.0

TABLE: BRS-6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Females : Barshi

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C01-02	Tongue	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C03-06	Mouth	13	92.9	0	0.0	0	0.0	0	0.0	0	0.0	1	7.1	14	100.0
C07-8	Salivary Gland	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C09	Tonsil	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C10	Oth. Oropharynx	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C11	Nasopharynx	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C12-13	Hypopharynx	6	85.7	0	0.0	0	0.0	0	0.0	0	0.0	1	14.3	7	100.0
C14	Pharynx Unspecified	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C15	Oesophagus	12	75.0	1	6.3	0	0.0	0	0.0	0	0.0	3	18.8	16	100.0
C16	Stomach	5	71.4	0	0.0	0	0.0	0	0.0	0	0.0	2	28.6	7	100.0
C17	Small Intestine	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
C18	Colon	1	50.0	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	2	100.0
C19-20	Rectum	3	75.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	4	100.0
C21	Anus & Anal Canal	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
C22	Liver	1	16.7	0	0.0	4	66.7	0	0.0	0	0.0	1	16.7	6	100.0
C23-24	Gallbladder etc.	2	66.7	0	0.0	0	0.0	0	0.0	0	0.0	1	33.3	3	100.0
C25	Pancreas	1	16.7	1	16.7	1	16.7	0	0.0	0	0.0	3	50.0	6	100.0
C30-31	Nose, Sinuses etc.	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
C32	Larynx	4	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	4	100.0
C33-34	Lung etc.	2	40.0	0	0.0	3	60.0	0	0.0	0	0.0	0	0.0	5	100.0
C37-38	Other Thoracic Organs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
C40-41	Bone	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
C43	Melanoma of Skin	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C44	Other Skin	5	83.3	0	0.0	0	0.0	0	0.0	0	0.0	1	16.7	6	100.0
C45	Mesothelioma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C46	Kaposi Sarcoma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C47 + C49	Conn. & Soft Tissue	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C50	Breast	44	73.3	2	3.3	10	16.7	0	0.0	0	0.0	4	6.7	60	100.0
C51	Vulva	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
C52	Vagina	3	75.0	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	4	100.0
C53	Cervix Uteri	122	93.1	0	0.0	1	0.8	0	0.0	0	0.0	8	6.1	131	100.0
C54	Corpus Uteri	5	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	5	100.0
C55	Uterus Unspecified	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
C56	Ovary etc.	5	41.7	0	0.0	5	41.7	0	0.0	0	0.0	2	16.7	12	100.0
C57	Other Female Genital	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C58	Placenta	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C64	Kidney etc.	1	33.3	0	0.0	1	33.3	0	0.0	0	0.0	1	33.3	3	100.0
C65	Renal Pelvis	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	1	100.0
C66	Ureter	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C67	Bladder	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
C68	Uns.Urinary Organs	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C69	Eye	2	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0
C70-72	Brain, Nervous System	4	80.0	0	0.0	0	0.0	0	0.0	0	0.0	1	20.0	5	100.0
C73	Thyroid	3	60.0	0	0.0	2	40.0	0	0.0	0	0.0	0	0.0	5	100.0
C74	Adrenal Gland	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C77	Sec Lymph Nodes	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
C78	Sec Resp & Digestive	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
C79	Sec Others	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	0	0.0	1	100.0
C81	Hodgkins Disease	1	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0
C82-85,C96	NHL	7	100.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	7	100.0
C90	Multiple Myeloma	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
C91	Lymphoid Leuk.	0	0.0	0	0.0	0	0.0	0	0.0	3	100.0	0	0.0	3	100.0
C92-94	Myeloid Leukaemia	0	0.0	0	0.0	0	0.0	0	0.0	4	80.0	1	20.0	5	100.0
C95	Leukaemia Uns	0	0.0	0	0.0	0	0.0	0	0.0	2	100.0	0	0.0	2	100.0
O&U	Other and Uns	5	33.3	3	20.0	4	26.7	0	0.0	0	0.0	3	20.0	15	100.0
	All Sites	267	75.0	8	2.2	33	9.3	0	0.0	9	2.5	39	11.0	356	100.0

**TABLE BRS-7 (a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Barshi

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.4
C16	Stomach	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	Rectum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C22	Liver	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.4
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C33-34	Lung etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.4
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.4
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	Penis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C61	Prostate	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C62	Testis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, Nervous System	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.4
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.4
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkins Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	NHL	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	2	0.8
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C91	Lymphoid Leuk.	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.4
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.4
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	4	4	3	5	4	2	8	7	8	13	14	21	30	45	30	41	-	239	95.98
	All Sites	4	5	3	5	4	2	8	7	11	13	14	22	31	46	31	43	-	249	100

**TABLE BRS-7 (b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Females**

% = Relative Proportion of Cancers of All Sites.

Barshi

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.38
C16	Stomach	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.38
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	Rectum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C22	Liver	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C25	Pancreas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C33-34	Lung etc.	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.38
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.38
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	Breast	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	2	0.77
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	Cervix Uteri	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	0.77
C54	Corpus Uteri	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	Uterus Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, Nervous System	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkins Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	NHL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C91	Lymphoid Leuk.	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.38
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.38
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	3	4	2	-	2	-	6	14	14	25	26	21	32	50	25	26	-	250	96.15
	All Sites	3	4	3	-	2	-	6	14	15	25	27	23	36	51	25	26	-	260	100

TABLE: BRS-8(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: 2001-2003 - Males
Barshi

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C03-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8	-	0.1	0.1	0.10	-
C16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C23-24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C25	-	-	-	-	-	-	-	-	-	-	-	-	4.9	-	-	-	0.1	0.2	0.20	0.6
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C33-34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	0.1	0.1	0.11	-
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.7	0.1	0.1	0.11	-
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C61	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C62	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	1.2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.12	-
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	-	-	-	-	-	-	-	5.1	-	-	-	-	0.1	0.2	0.20	0.7
C78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	-	-	-	-	-	-	-	-	2.3	-	-	-	-	3.4	-	-	0.3	0.2	0.17	0.5
C90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C91	-	-	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	0.1	0.1	0.14	0.5
C92-94	-	-	-	-	-	-	-	-	2.3	-	-	-	-	-	-	-	0.1	0.1	0.14	0.5
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	4.9	4.7	2.9	6.0	6.4	3.8	15.8	14.1	18.6	38.4	53.4	107.6	148.0	152.3	144.6	233.8	30.6	32.9	2.22	55.4
All	4.9	5.8	2.9	6.0	6.4	3.8	15.8	14.1	25.6	38.4	53.4	112.7	152.9	155.7	149.5	245.2	31.9	34.3	2.27	58.0

TABLE: BRS-8(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: 2001-2003 - Females
Barshi

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C03-06	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C07-8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	-	-	-	4.4	-	-	-	-	-	0.1	0.2	0.22	0.7
C16	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	-	-	0.1	0.1	0.13	0.4
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C19-20	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C22	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C23-24	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C33-34	-	-	-	-	-	-	-	-	-	-	-	4.6	-	-	-	-	0.1	0.2	0.18	0.6
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	-	-	-	-	-	3.3	-	-	-	0.1	0.1	0.13	0.4
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C50	-	-	-	-	-	-	-	-	2.7	-	-	-	-	3.1	-	-	0.3	0.3	0.19	0.5
C51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C53	-	-	-	-	-	-	-	-	-	-	-	-	6.7	-	-	-	0.3	0.3	0.19	0.9
C54	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C78	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C82-85,C96	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C90	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C91	-	-	1.1	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.10	-
C92-94	-	-	-	-	-	-	-	-	-	-	-	4.6	-	-	-	-	0.1	0.2	0.18	0.6
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	4.2	5.0	2.2	-	3.9	-	11.5	27.6	37.9	83.7	115.2	96.6	107.1	155.0	146.7	144.5	34.7	35.5	2.35	73.7
All	4.2	5.0	3.3	-	3.9	-	11.5	27.6	40.6	83.7	119.6	105.8	120.5	158.1	146.7	144.5	36.1	37.0	2.40	77.9

TABLE BRS-9(a): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003:
Males - Barshi

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	-	-	0.02	0.02
C01-02	Tongue	0.13	0.13	0.18	0.18
C03-06	Mouth	0.32	0.32	0.37	0.37
C07-8	Salivary Gland	0.09	0.09	0.09	0.09
C09	Tonsil	-	-	-	-
C10	Oth. Oropharynx	0.07	0.07	0.07	0.07
C11	Nasopharynx	-	-	0.02	0.02
C12-13	Hypopharynx	0.20	0.20	0.37	0.37
C14	Pharynx Unspecified	-	-	-	-
C15	Oesophagus	0.27	0.27	0.64	0.64
C16	Stomach	0.10	0.10	0.18	0.18
C17	Small Intestine	-	-	-	-
C18	Colon	-	-	-	-
C19-20	Rectum	0.05	0.05	0.13	0.13
C21	Anus & Anal Canal	0.04	0.04	0.09	0.09
C22	Liver	0.19	0.19	0.36	0.36
C23-24	Gallbladder etc.	0.10	0.10	0.12	0.12
C25	Pancreas	0.07	0.07	0.10	0.10
C30-31	Nose, Sinuses etc.	-	-	0.02	0.02
C32	Larynx	0.06	0.06	0.16	0.16
C33-34	Lung etc.	0.10	0.10	0.26	0.26
C37-38	Other Thoracic Organs	-	-	-	-
C40-41	Bone	0.08	0.08	0.10	0.10
C43	Melanoma of Skin	-	-	-	-
C44	Other Skin	0.03	0.03	0.09	0.09
C45	Mesothelioma	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-
C47+C49	Conn. & Soft Tissue	0.02	0.02	0.04	0.04
C50	Breast	0.03	0.03	0.05	0.05
C60	Penis	0.13	0.13	0.23	0.23
C61	Prostate	-	-	0.14	0.14
C62	Testis	0.04	0.04	0.04	0.04
C63	Other Male Genital	0.01	0.01	0.01	0.01
C64	Kidney etc.	0.02	0.02	0.04	0.04
C65	Renal Pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.07	0.07	0.12	0.12
C68	Uns.Urinary Organs	-	-	-	-
C69	Eye	0.01	0.01	0.01	0.01
C70-72	Brain, Nervous System	0.06	0.06	0.10	0.10
C73	Thyroid	0.06	0.06	0.06	0.06
C74	Adrenal Gland	-	-	-	-
C77	Sec Lymph Nodes	0.03	0.03	0.07	0.07
C78	Sec Resp & Digestive	0.09	0.08	0.13	0.13
C79	Sec Others	-	-	-	-
C81	Hodgkins Disease	0.05	0.05	0.05	0.05
C82-85,C96	NHL	0.13	0.13	0.13	0.13
C90	Multiple Myeloma	-	-	0.02	0.02
C91	Lymphoid Leuk.	0.03	0.03	0.04	0.04
C92-94	Myeloid Leukaemia	0.08	0.08	0.12	0.12
C95	Leukaemia Uns	0.01	0.01	0.01	0.01
O&U	Other and Uns	0.17	0.17	0.32	0.32
	All Sites	2.93	2.89	5.09	4.96

TABLE BRS-9(b): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0–64 Years and from 0–74 Years) 2001-2003: Females - Barshi

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	-	-	-	-
C01-02	Tongue	-	-	-	-
C03-06	Mouth	0.12	0.12	0.27	0.27
C07-8	Salivary Gland	-	-	-	-
C09	Tonsil	-	-	-	-
C10	Oth. Oropharynx	-	-	-	-
C11	Nasopharynx	-	-	-	-
C12-13	Hypopharynx	0.07	0.07	0.13	0.13
C14	Pharynx Unspecified	-	-	-	-
C15	Oesophagus	0.15	0.15	0.27	0.27
C16	Stomach	0.09	0.09	0.13	0.13
C17	Small Intestine	0.02	0.02	0.05	0.05
C18	Colon	0.02	0.02	0.02	0.02
C19-20	Rectum	0.06	0.06	0.06	0.06
C21	Anus & Anal Canal	0.01	0.01	0.01	0.01
C22	Liver	0.06	0.06	0.08	0.08
C23-24	Gallbladder etc.	0.06	0.06	0.06	0.06
C25	Pancreas	0.09	0.09	0.10	0.10
C30-31	Nose, Sinuses etc.	0.03	0.03	0.03	0.03
C32	Larynx	0.04	0.04	0.07	0.07
C33-34	Lung etc.	0.08	0.08	0.08	0.08
C37-38	Other Thoracic Organs	0.02	0.02	0.02	0.02
C40-41	Bone	0.02	0.02	0.02	0.02
C43	Melanoma of Skin	-	-	-	-
C44	Other Skin	0.04	0.04	0.08	0.08
C45	Mesothelioma	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-
C47 + C49	Conn. & Soft Tissue	-	-	-	-
C50	Breast	0.80	0.80	1.03	1.03
C51	Vulva	0.02	0.02	0.02	0.02
C52	Vagina	0.07	0.07	0.07	0.07
C53	Cervix Uteri	1.53	1.52	2.27	2.24
C54	Corpus Uteri	0.06	0.06	0.08	0.08
C55	Uterus Unspecified	0.02	0.02	0.02	0.02
C56	Ovary etc.	0.22	0.22	0.22	0.22
C57	Other Female Genital	-	-	-	-
C58	Placenta	-	-	-	-
C64	Kidney etc.	0.04	0.04	0.04	0.04
C65	Renal Pelvis	0.01	0.01	0.01	0.01
C66	Ureter	-	-	-	-
C67	Bladder	0.02	0.02	0.03	0.03
C68	Uns.Urinary Organs	-	-	-	-
C69	Eye	0.01	0.01	0.01	0.01
C70-72	Brain, Nervous System	0.06	0.06	0.06	0.06
C73	Thyroid	0.04	0.04	0.07	0.07
C74	Adrenal Gland	-	-	-	-
C77	Sec Lymph Nodes	0.01	0.01	0.01	0.01
C78	Sec Resp & Digestive	0.02	0.02	0.02	0.02
C79	Sec Others	0.02	0.02	0.02	0.02
C81	Hodgkins Disease	0.01	0.01	0.01	0.01
C82-85,C96	NHL	0.06	0.06	0.08	0.08
C90	Multiple Myeloma	-	-	-	-
C91	Lymphoid Leuk.	0.02	0.02	0.02	0.02
C92-94	Myeloid Leukaemia	0.08	0.08	0.08	0.08
C95	Leukaemia Uns	0.02	0.02	0.02	0.02
O&U	Other and Uns	0.14	0.14	0.23	0.23
	All Sites	4.24	4.15	5.88	5.71

POPULATION BASED CANCER REGISTRY, BHOPAL

Gandhi Medical College, Bhopal

Dr Neelkamal Kapoor, Principal Investigator

Mr Atul Shrivastava, Co-principal Investigator

Bhopal is the capital of the state of Madhya Pradesh of India. It is also the administrative headquarters of Bhopal District and Bhopal Division. Historically, Bhopal was also the name of a princely state in central India. Bhopal is said to have been founded by the Parmara King Bhoj (1000-1055), who had his capital at Dhar. The city was known as Bhojpal named after King Bhoj and the dam ('pal') that he is said to have constructed to form the lakes surrounding Bhopal.

Under the network of National Cancer Registry Programme a Population Based Cancer Registry was established in September 1985 at the Gandhi Medical College Bhopal, with the objective of generating reliable data on magnitude and pattern of cancer morbidity and mortality among the residence of Bhopal urban agglomerate. The actual collection and compilation of data began from 1st January 1986.

Bhopal is situated at an altitude of 505 meters above the sea level at 23.07° North and 77.12° East with a total area of 284.90 Sq. km. The summers are hot and the winters cold with temperature varying from a minimum of 5°C in month of January to a maximum of 46°C in the month of May. It rains moderately during the rainy season. The average annual rainfall recorded in the city is 1200 mm. The municipality covers 286 square kilometres. The density of population as per 2001 census is 4755.46/Sq. Km. the decadal growth rate observed between 1991 and 2001 is 29.8% among males and (30.4%) in female. The Old City of Bhopal is a predominantly Muslim area, but New Bhopal is a demographically cosmopolitan area. The chief languages are Hindi, Urdu, Sindhi, there are a substantial number of Marathi speakers as well.

Registration of cancer cases is done by active method of registration. Information on cancer patients is obtained from various government hospitals, private hospitals, nursing homes and diagnostic centers. Social Investigators visits these centers as and when required and collect data by interviewing the cases whenever possible otherwise the information is collected from medical records. In the last two decade of its functioning the registry has observed a very high incidence of tobacco related cancers among males with cancer of Lung, Tongue, Mouth, Hypopharynx & Oesophagus as the leading sites. Among females cancer of the breast, genital system and Oesophagus are the leading sites of cancer. These malignancies account to more than 55% of the total cancer burden among females. Cancer of the breast has shown a rising trend.

Cancer mortality statistics did not seem to reflect the true picture. Keeping this in mind, efforts have

been made to improve this aspect of data. Burial ground and crematoriums records of Bhopal were examined and all deaths irrespective of the causes of death mentioned are noted and then matched with the morbidity data. The matched deaths are then updated. The unmatched cancer deaths are traced back by house visits and scrutiny of medical records. Cancers with no other details, other than those available on the death certificate, are registered as "Death Certificate Only". Significant improvement has already been observed.

Registry Staff (PBCR)

Mr. Atul Shrivastava	:	Research Officer & Co-Principal Investigator
Dr. Sunil Surange	:	Research Officer
Mrs. Alka Goley	:	Social Investigator
Mrs. Shushma Shrivastava	:	Social Investigator
Mrs. Shubra Trivedi	:	Social Investigator
Mrs. Ragini Nair	:	Typist
Mr. Jagannathan Nair	:	Messenger

Figure BHP-1
Population Pyramid showing Age Distribution: 2001-2003
Bhopal

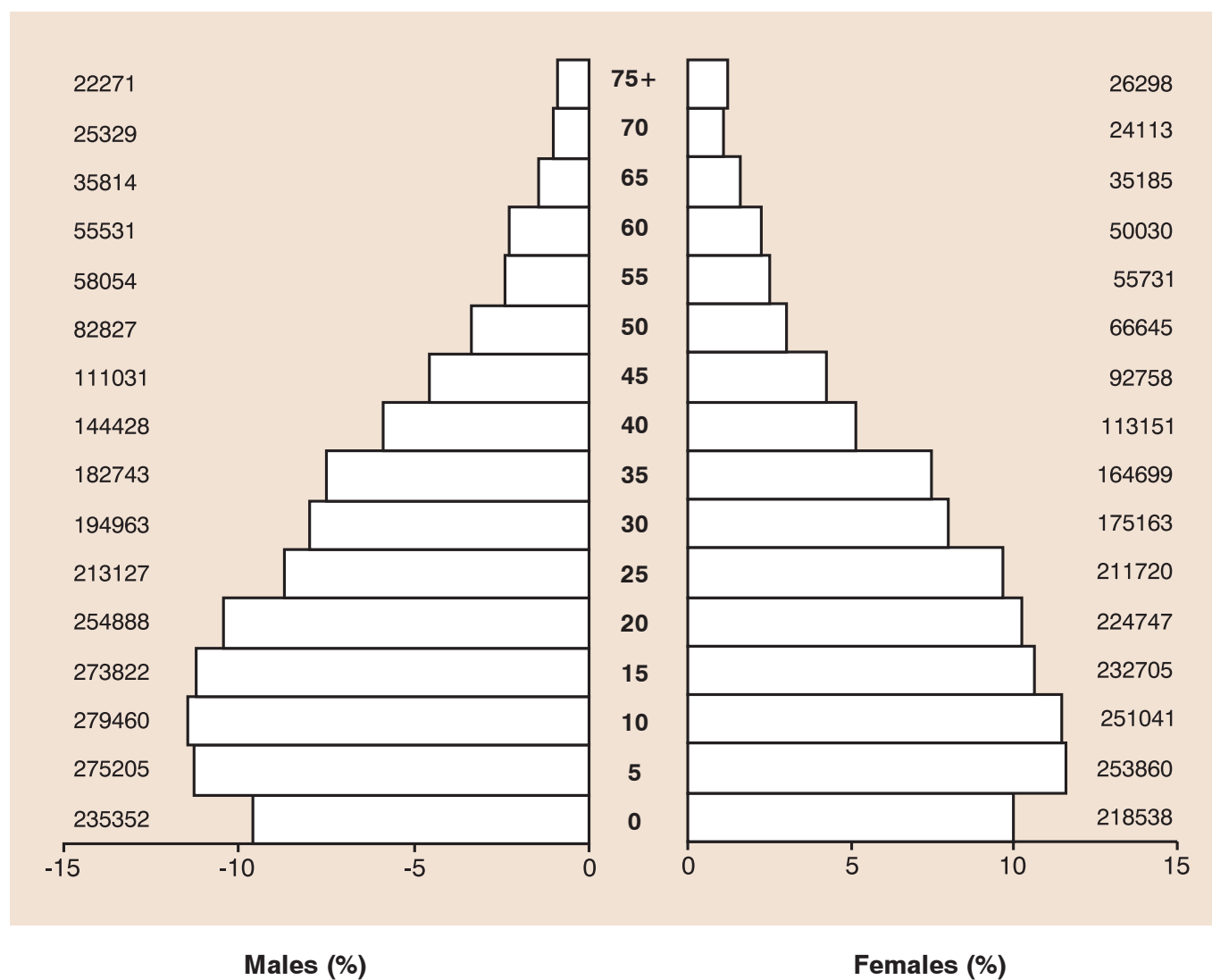


TABLE: BHP - 1**Population by Five Year Age Group and Gender: 2001-2003***Number and Relative Proportion (%)***Bhopal**

Age Group	MALES		FEMALES	
	Number	%	Number	%
0-4	235352	9.63	218538	9.95
5-9	275205	11.26	253860	11.56
10-14	279460	11.43	251041	11.43
15-19	273822	11.20	232705	10.59
20-24	254888	10.43	224747	10.23
25-29	213127	8.72	211720	9.64
30-34	194963	7.97	175163	7.98
35-39	182743	7.47	164699	7.50
40-44	144428	5.91	113151	5.15
45-49	111031	4.54	92758	4.22
50-54	82827	3.39	66645	3.03
55-59	58054	2.37	55731	2.54
60-64	55531	2.27	50030	2.28
65-69	35814	1.46	35185	1.60
70-74	25329	1.04	24113	1.10
75+	22271	0.91	26298	1.20
Total	2444845	100.00	2196384	100.00

TABLE : BHP- 2
Main Sources of Registration of Incident Cases of Cancer : 2001-2003
Bhopal

Name of the Institute	Number	%
J.L.N. Cancer Hospital	1305	43.44
Hamidia Hospital	1145	38.12
Kasturba Hospital	138	4.59
Sultania Zanana Hospital	117	3.89
Navoday Cancer Hospital	107	3.56
D.C.Os	103	3.43
Parulkar Clinic	49	1.63
Tata Memorial Hospital	37	1.23
Others	3	0.10
Total	3004	100.00

1. *Institutions listed have registered at least one percent of all cases in the registry for the combined years 2001-2003.*
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 BHP-3 (a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Bhopal

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	1	1	2	3	-	-	2	1	1	-	11	0.69
C01-02	Tongue	-	-	-	-	1	1	3	11	13	15	22	23	22	17	13	10	-	151	9.47
C03-06	Mouth	-	-	-	-	1	4	6	13	9	11	17	20	18	15	12	6	-	132	8.28
C07-8	Salivary Gland	-	-	1	-	1	-	-	-	1	-	1	-	-	1	-	1	-	6	0.38
C09	Tonsil	-	-	-	-	-	1	-	-	4	2	2	6	6	1	4	5	-	31	1.94
C10	Oth. Oropharynx	-	-	-	-	-	-	-	1	1	1	1	1	2	2	1	-	-	10	0.63
C11	Nasopharynx	-	-	-	-	-	1	2	-	-	2	-	-	-	1	2	1	-	9	0.56
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	6	6	14	11	16	11	12	12	-	88	5.52
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	1	-	1	1	1	1	1	-	6	0.38
C15	Oesophagus	-	-	-	-	1	1	-	1	4	7	19	23	14	13	14	10	-	107	6.71
C16	Stomach	-	-	-	-	-	2	-	3	2	2	2	7	2	4	1	1	-	26	1.63
C17	Small Intestine	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	0.13
C18	Colon	-	-	-	-	-	-	3	2	3	2	6	3	5	4	4	3	-	35	2.19
C19-20	Rectum	-	-	-	-	-	1	1	5	3	2	5	6	3	3	2	5	-	36	2.26
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	2	-	1	4	1	-	-	1	-	9	0.56
C22	Liver	-	-	-	-	-	2	1	2	4	1	4	1	7	7	3	4	-	36	2.26
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	3	4	7	6	4	6	3	7	3	-	43	2.7
C25	Pancreas	-	-	-	-	-	-	-	-	3	-	1	3	-	2	2	2	-	13	0.82
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	2	3	1	3	1	2	1	1	-	14	0.88
C32	Larynx	-	-	-	-	-	-	-	1	4	8	5	15	14	13	6	8	-	74	4.64
C33-34	Lung etc.	-	-	-	-	-	2	3	5	9	11	24	25	33	23	24	18	-	177	11.1
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	2	-	1	-	1	-	-	1	-	5	0.31
C40-41	Bone	-	1	4	4	2	1	1	-	2	2	1	1	-	-	-	-	-	19	1.19
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	1	-	3	3	5	3	2	4	4	3	2	-	30	1.88
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	1	1	1	2	-	2	1	2	4	2	3	3	2	6	1	-	-	31	1.94
C50	Breast	-	-	-	-	-	-	-	1	1	-	-	1	2	2	-	1	-	8	0.5
C60	Penis	-	-	-	-	-	-	3	1	2	1	2	3	2	-	-	1	-	15	0.94
C61	Prostate	-	-	-	-	-	-	-	-	-	-	3	5	10	18	18	14	-	68	4.26
C62	Testis	1	-	-	2	2	3	5	3	1	-	1	-	-	-	1	1	-	20	1.25
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	3	2	-	-	-	-	-	-	-	-	4	5	3	4	1	1	-	23	1.44
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	1	-	-	-	2	2	3	6	5	11	5	9	3	-	47	2.95
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.06
C69	Eye	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	0.13
C70-72	Brain, Nervous System	1	1	-	2	7	3	6	2	1	5	9	6	2	6	1	1	-	53	3.32
C73	Thyroid	-	-	1	-	1	-	-	1	-	1	-	1	-	-	1	-	-	6	0.38
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	1	1	1	2	2	1	2	2	2	-	14	0.88
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	1	3	2	3	1	2	4	1	-	17	1.07
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	1	-	4	0.25
C81	Hodgkins Disease	-	2	2	4	2	-	-	2	1	3	-	1	-	2	-	-	-	19	1.19
C82-85,C96	NHL	-	4	5	2	5	3	3	4	4	2	9	3	4	5	4	3	-	60	3.76
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	-	1	4	4	1	2	-	-	-	12	0.75
C91	Lymphoid Leuk.	3	5	1	2	-	-	1	-	1	1	-	-	4	2	2	-	-	22	1.38
C92-94	Myeloid Leukaemia	-	-	1	4	4	3	3	2	6	2	8	2	5	3	1	1	-	45	2.82
C95	Leukaemia Uns	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.13
O&U	Other and Uns	-	-	3	1	2	1	1	1	2	8	7	12	4	4	3	7	-	56	3.51
	All Sites	10	18	20	24	29	32	43	73	109	123	202	216	209	192	162	133	-	1595	100.00

TABLE BHP-3 (b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Females

% = Relative Proportion of Cancers of All Sites.

Bhopal

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	2	3	3	4	9	2	7	1	6	3	-	40	2.84
C03-06	Mouth	-	-	-	-	-	2	1	3	6	3	8	9	20	9	7	3	-	71	5.04
C07-8	Salivary Gland	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	-	-	3	0.21
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.07
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.07
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.07
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	1	2	-	-	2	1	2	-	-	8	0.57
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	1	-	-	2	6	10	5	7	4	7	6	3	-	51	3.62
C16	Stomach	-	-	-	-	-	-	1	-	1	4	5	2	2	1	1	1	-	18	1.28
C17	Small Intestine	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	2	0.14
C18	Colon	-	-	-	-	1	1	-	2	1	2	-	2	1	1	1	1	-	13	0.92
C19-20	Rectum	-	-	-	1	-	3	1	1	-	5	4	5	1	3	1	5	-	30	2.13
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	3	0.21
C22	Liver	1	-	-	-	-	1	1	-	2	2	5	1	3	5	1	2	1	25	1.77
C23-24	Gallbladder etc.	-	-	-	-	-	-	2	6	8	3	8	12	11	6	5	3	-	64	4.54
C25	Pancreas	-	-	-	-	-	-	-	-	-	2	3	3	1	2	2	-	-	13	0.92
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	1	3	1	1	-	-	-	-	-	-	6	0.43
C32	Larynx	-	-	-	-	-	-	1	-	1	-	1	-	1	-	-	1	-	5	0.35
C33-34	Lung etc.	-	-	-	-	-	-	-	1	2	2	1	6	6	1	4	2	-	25	1.77
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	2	2	3	-	1	1	-	-	-	1	-	3	-	-	1	-	14	0.99
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	1	-	1	-	1	1	-	5	1	3	3	1	3	-	20	1.42
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	2	-	1	3	1	-	1	3	-	-	1	2	5	-	-	-	-	19	1.35
C50	Breast	-	-	-	-	2	14	23	41	42	56	46	43	37	26	13	8	-	351	24.91
C51	Vulva	-	-	-	-	-	-	-	1	1	-	-	1	-	2	1	1	-	7	0.5
C52	Vagina	-	-	-	-	-	-	-	-	2	-	3	1	-	-	1	-	-	7	0.5
C53	Cervix Uteri	-	-	-	-	1	6	10	16	40	41	41	30	39	21	16	17	-	278	19.73
C54	Corpus Uteri	-	-	-	-	-	-	-	1	1	1	3	5	3	1	3	1	-	19	1.35
C55	Uterus Unspecified	-	-	-	-	1	-	-	-	-	-	1	-	-	1	-	-	-	3	0.21
C56	Ovary etc.	1	-	3	2	4	5	9	6	7	8	12	8	14	7	2	4	-	92	6.53
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	2	0.14
C64	Kidney etc.	2	-	-	-	1	-	1	1	-	1	1	-	-	-	1	1	-	9	0.64
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	2	1	2	1	-	1	-	7	0.5
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	1	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	4	0.28
C70-72	Brain, Nervous System	1	4	2	1	2	1	2	3	-	-	3	1	1	1	1	-	-	23	1.63
C73	Thyroid	-	-	-	2	1	1	2	2	1	2	1	1	1	2	1	-	-	17	1.21
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	1	-	-	-	-	-	-	-	2	-	-	-	1	-	-	2	-	6	0.43
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	1	1	1	2	-	-	2	2	-	9	0.64
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	3	0.21
C81	Hodgkins Disease	-	-	-	-	1	2	-	-	-	1	-	-	-	-	-	-	-	4	0.28
C82-85,C96	NHL	-	1	-	1	-	1	2	3	1	3	4	3	4	1	1	1	-	26	1.85
C90	Multiple Myeloma	-	-	-	-	-	-	1	1	1	4	2	-	2	1	-	2	-	14	0.99
C91	Lymphoid Leuk.	4	5	1	-	-	-	-	-	-	-	2	1	-	1	-	-	-	14	0.99
C92-94	Myeloid Leukaemia	-	1	2	1	2	3	2	6	3	-	2	3	-	1	2	-	-	28	1.99
C95	Leukaemia Uns	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.14
O&U	Other and Uns	-	-	-	2	1	-	1	1	5	4	5	12	5	4	6	5	-	51	3.62
	All Sites	14	14	12	17	21	44	64	105	142	164	190	166	181	113	87	74	1	1409	100.00

TABLE: BHP-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: 2001-2003 - Males
Bhopal

ICD-10	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
C00	-	-	-	-	-	-	-	0.5	0.7	1.8	3.6	-	-	5.6	3.9	4.5	0.4	0.7	0.22	1.2
C01-02	-	-	-	-	0.4	0.5	1.5	6.0	9.0	13.5	26.6	39.6	39.6	47.5	51.3	44.9	6.2	9.7	0.82	20.0
C03-06	-	-	-	-	0.4	1.9	3.1	7.1	6.2	9.9	20.5	34.5	32.4	41.9	47.4	26.9	5.4	8.2	0.74	16.4
C07-8	-	-	0.4	-	0.4	-	-	-	0.7	-	1.2	-	-	2.8	-	4.5	0.2	0.3	0.15	0.3
C09	-	-	-	-	-	0.5	-	-	2.8	1.8	2.4	10.3	10.8	2.8	15.8	22.5	1.3	2.1	0.39	4.0
C10	-	-	-	-	-	-	-	0.5	0.7	0.9	1.2	1.7	3.6	5.6	3.9	-	0.4	0.6	0.21	1.3
C11	-	-	-	-	-	0.5	1.0	-	-	1.8	-	-	-	2.8	7.9	4.5	0.4	0.5	0.19	0.3
C12-13	-	-	-	-	-	-	-	-	4.2	5.4	16.9	18.9	28.8	30.7	47.4	53.9	3.6	6.3	0.68	10.7
C14	-	-	-	-	-	-	-	-	-	0.9	-	1.7	1.8	2.8	3.9	4.5	0.2	0.4	0.18	0.6
C15	-	-	-	-	0.4	0.5	-	0.5	2.8	6.3	22.9	39.6	25.2	36.3	55.3	44.9	4.4	7.5	0.74	13.9
C16	-	-	-	-	-	0.9	-	1.6	1.4	1.8	2.4	12.1	3.6	11.2	3.9	4.5	1.1	1.6	0.33	3.3
C17	0.4	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	0.1	0.1	0.09	0.2
C18	-	-	-	-	-	-	1.5	1.1	2.1	1.8	7.2	5.2	9.0	11.2	15.8	13.5	1.4	2.2	0.39	4.0
C19-20	-	-	-	-	-	0.5	0.5	2.7	2.1	1.8	6.0	10.3	5.4	8.4	7.9	22.5	1.5	2.3	0.39	4.3
C21	-	-	-	-	-	-	-	-	1.4	-	1.2	6.9	1.8	-	-	4.5	0.4	0.6	0.20	1.6
C22	-	-	-	-	-	0.9	0.5	1.1	2.8	0.9	4.8	1.7	12.6	19.5	11.8	18.0	1.5	2.4	0.41	3.5
C23-24	-	-	-	-	-	-	-	1.6	2.8	6.3	7.2	6.9	10.8	8.4	27.6	13.5	1.8	2.8	0.44	5.5
C25	-	-	-	-	-	-	-	-	2.1	-	1.2	5.2	-	5.6	7.9	9.0	0.5	0.9	0.26	1.3
C30-31	-	-	-	-	-	-	-	-	1.4	2.7	1.2	5.2	1.8	5.6	3.9	4.5	0.6	0.9	0.25	1.9
C32	-	-	-	-	-	-	-	0.5	2.8	7.2	6.0	25.8	25.2	36.3	23.7	35.9	3.0	5.3	0.62	9.6
C33-34	-	-	-	-	-	0.9	1.5	2.7	6.2	9.9	29.0	43.1	59.4	64.2	94.8	80.8	7.2	12.3	0.94	21.6
C37-38	-	-	-	-	-	-	-	-	1.4	-	1.2	-	1.8	-	-	4.5	0.2	0.3	0.14	0.7
C40-41	-	0.4	1.4	1.5	0.8	0.5	0.5	-	1.4	1.8	1.2	1.7	-	-	-	-	0.8	0.7	0.18	1.0
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	0.5	-	1.6	2.1	4.5	3.6	3.4	7.2	11.2	11.8	9.0	1.2	1.9	0.36	3.5
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.4	0.4	0.4	0.7	-	0.9	0.5	1.1	2.8	1.8	3.6	5.2	3.6	16.8	3.9	-	1.3	1.7	0.33	2.8
C50	-	-	-	-	-	-	-	0.5	0.7	-	-	1.7	3.6	5.6	-	4.5	0.3	0.5	0.20	0.9
C60	-	-	-	-	-	-	1.5	0.5	1.4	0.9	2.4	5.2	3.6	-	-	4.5	0.6	0.8	0.22	2.1
C61	-	-	-	-	-	-	-	-	-	-	3.6	8.6	18.0	50.3	71.1	62.9	2.8	5.4	0.66	4.0
C62	0.4	-	-	0.7	0.8	1.4	2.6	1.6	0.7	-	1.2	-	-	-	3.9	4.5	0.8	0.8	0.20	0.6
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	1.3	0.7	-	-	-	-	-	-	-	-	4.8	8.6	5.4	11.2	3.9	4.5	0.9	1.5	0.33	2.6
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	0.4	-	-	-	1.1	1.4	2.7	7.2	8.6	19.8	14.0	35.5	13.5	1.9	3.2	0.48	5.8
C68	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	0.0	0.1	0.06	0.2
C69	-	0.4	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	0.1	0.1	0.07	0.2
C70-72	0.4	0.4	-	0.7	2.7	1.4	3.1	1.1	0.7	4.5	10.9	10.3	3.6	16.8	3.9	4.5	2.2	2.8	0.41	4.8
C73	-	-	0.4	-	0.4	-	-	0.5	-	0.9	-	1.7	-	-	3.9	-	0.2	0.3	0.13	0.5
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	-	-	-	0.5	0.7	0.9	2.4	3.4	1.8	5.6	7.9	9.0	0.6	1.0	0.27	1.5
C78	-	-	-	-	-	-	-	-	0.7	2.7	2.4	5.2	1.8	5.6	15.8	4.5	0.7	1.2	0.29	1.9
C79	-	-	-	-	-	-	-	-	-	-	1.2	1.7	-	-	3.9	4.5	0.2	0.3	0.15	0.4
C81	-	0.7	0.7	1.5	0.8	-	-	1.1	0.7	2.7	-	1.7	-	5.6	-	-	0.8	0.8	0.21	1.1
C82-85,C96	-	1.5	1.8	0.7	2.0	1.4	1.5	2.2	2.8	1.8	10.9	5.2	7.2	14.0	15.8	13.5	2.5	3.2	0.44	4.7
C90	-	-	-	-	-	-	-	-	-	0.9	4.8	6.9	1.8	5.6	-	-	0.5	0.8	0.24	2.1
C91	1.3	1.8	0.4	0.7	-	-	0.5	-	0.7	0.9	-	-	7.2	5.6	7.9	-	0.9	1.2	0.27	1.2
C92-94	-	-	0.4	1.5	1.6	1.4	1.5	1.1	4.2	1.8	9.7	3.4	9.0	8.4	3.9	4.5	1.8	2.3	0.37	4.5
C95	-	0.4	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.05	-
O&U	-	-	1.1	0.4	0.8	0.5	0.5	0.5	1.4	7.2	8.5	20.7	7.2	11.2	11.8	31.4	2.3	3.5	0.49	6.7
All	4.2	6.5	7.2	8.8	11.4	15.0	22.1	39.9	75.5	110.8	243.9	372.1	376.4	536.1	639.6	597.2	65.2	102.6	2.66	179.7

TABLE: BHP-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: 2001-2003 - Females
Bhopal

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	1.1	1.8	2.7	4.3	13.5	3.6	14.0	2.8	24.9	11.4	1.8	2.8	0.45	6.1
C03-06	-	-	-	-	-	0.9	0.6	1.8	5.3	3.2	12.0	16.1	40.0	25.6	29.0	11.4	3.2	5.2	0.62	11.2
C07-8	-	-	0.4	-	-	-	-	-	-	-	1.5	-	2.0	-	-	-	0.1	0.2	0.12	0.5
C09	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	0.0	0.1	0.07	0.2
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	0.0	0.1	0.09	-
C11	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-	-	-	0.0	0.1	0.08	0.2
C12-13	-	-	-	-	-	-	-	-	0.9	2.2	-	-	4.0	2.8	8.3	-	0.4	0.6	0.21	1.1
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	0.4	-	-	1.2	5.3	10.8	7.5	12.6	8.0	19.9	24.9	11.4	2.3	3.6	0.51	7.2
C16	-	-	-	-	-	-	0.6	-	0.9	4.3	7.5	3.6	4.0	2.8	4.1	3.8	0.8	1.3	0.30	3.2
C17	-	-	-	-	-	0.5	-	-	-	-	1.5	-	-	-	-	-	0.1	0.1	0.08	0.2
C18	-	-	-	-	0.4	0.5	-	1.2	0.9	2.2	-	3.6	2.0	2.8	4.1	3.8	0.6	0.8	0.23	1.5
C19-20	-	-	-	0.4	-	1.4	0.6	0.6	-	5.4	6.0	9.0	2.0	8.5	4.1	19.0	1.4	2.0	0.38	3.5
C21	-	-	-	-	-	-	-	-	-	1.1	-	1.8	-	2.8	-	-	0.1	0.2	0.13	0.4
C22	0.5	-	-	-	-	0.5	0.6	-	1.8	2.2	7.5	1.8	6.0	14.2	4.1	7.6	1.1	1.7	0.36	3.0
C23-24	-	-	-	-	-	-	1.1	3.6	7.1	3.2	12.0	21.5	22.0	17.1	20.7	11.4	2.9	4.4	0.56	10.3
C25	-	-	-	-	-	-	-	-	-	2.2	4.5	5.4	2.0	5.7	8.3	-	0.6	1.0	0.27	2.1
C30-31	-	-	-	-	-	-	-	0.6	2.7	1.1	1.5	-	-	-	-	-	0.3	0.3	0.14	1.1
C32	-	-	-	-	-	-	0.6	-	0.9	-	1.5	-	2.0	-	-	3.8	0.2	0.3	0.15	0.7
C33-34	-	-	-	-	-	-	-	0.6	1.8	2.2	1.5	10.8	12.0	2.8	16.6	7.6	1.1	1.8	0.37	4.1
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	0.8	0.8	1.3	-	0.5	0.6	-	-	-	1.5	-	6.0	-	-	3.8	0.6	0.7	0.21	1.0
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	0.4	-	0.5	-	0.6	0.9	-	7.5	1.8	6.0	8.5	4.1	11.4	0.9	1.4	0.32	2.5
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.9	-	0.4	1.3	0.4	-	0.6	1.8	-	-	1.5	3.6	10.0	-	-	-	0.9	1.1	0.26	2.3
C50	-	-	-	-	0.9	6.6	13.1	24.9	37.1	60.4	69.0	77.2	74.0	73.9	53.9	30.4	16.0	22.1	1.22	54.3
C51	-	-	-	-	-	-	-	0.6	0.9	-	-	1.8	-	5.7	4.1	3.8	0.3	0.5	0.19	0.5
C52	-	-	-	-	-	-	-	-	1.8	-	4.5	1.8	-	-	4.1	-	0.3	0.5	0.19	1.3
C53	-	-	-	-	0.4	2.8	5.7	9.7	35.4	44.2	61.5	53.8	78.0	59.7	66.4	64.6	12.7	18.7	1.15	44.2
C54	-	-	-	-	-	-	-	0.6	0.9	1.1	4.5	9.0	6.0	2.8	12.4	3.8	0.9	1.4	0.32	3.2
C55	-	-	-	-	0.4	-	-	-	-	-	1.5	-	-	2.8	-	-	0.1	0.2	0.12	0.2
C56	0.5	-	1.2	0.9	1.8	2.4	5.1	3.6	6.2	8.6	18.0	14.4	28.0	19.9	8.3	15.2	4.2	5.6	0.62	11.9
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	0.4	0.5	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.05	-
C64	0.9	-	-	-	0.4	-	0.6	0.6	-	1.1	1.5	-	-	-	4.1	3.8	0.4	0.5	0.18	0.6
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	3.0	1.8	4.0	2.8	-	3.8	0.3	0.5	0.21	1.2
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	0.4	-	-	0.4	-	-	-	-	1.1	1.5	-	-	-	-	-	0.2	0.2	0.11	0.5
C70-72	0.5	1.6	0.8	0.4	0.9	0.5	1.1	1.8	-	-	4.5	1.8	2.0	2.8	4.1	-	1.0	1.2	0.26	1.6
C73	-	-	-	0.9	0.4	0.5	1.1	1.2	0.9	2.2	1.5	1.8	2.0	5.7	4.1	-	0.8	1.0	0.25	1.6
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	0.5	-	-	-	-	-	-	-	1.8	-	-	-	2.0	-	-	7.6	0.3	0.4	0.16	0.6
C78	-	-	-	-	-	-	-	-	0.9	1.1	1.5	3.6	-	-	8.3	7.6	0.4	0.7	0.22	1.1
C79	-	-	-	-	-	-	-	-	-	-	-	-	2.0	2.8	-	3.8	0.1	0.2	0.14	0.3
C81	-	-	-	-	0.4	0.9	-	-	-	1.1	-	-	-	-	-	-	0.2	0.2	0.09	0.2
C82-85,C96	-	0.4	-	0.4	-	0.5	1.1	1.8	0.9	3.2	6.0	5.4	8.0	2.8	4.1	3.8	1.2	1.6	0.33	3.8
C90	-	-	-	-	-	-	0.6	0.6	0.9	4.3	3.0	-	4.0	2.8	-	7.6	0.6	0.9	0.25	2.1
C91	1.8	2.0	0.4	-	-	-	-	-	-	-	3.0	1.8	-	2.8	-	-	0.6	0.8	0.21	0.7
C92-94	-	0.4	0.8	0.4	0.9	1.4	1.1	3.6	2.7	-	3.0	5.4	-	2.8	8.3	-	1.3	1.4	0.28	2.4
C95	0.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.08	-
O&U	-	-	-	0.9	0.4	-	0.6	0.6	4.4	4.3	7.5	21.5	10.0	11.4	24.9	19.0	2.3	3.6	0.51	7.1
All	6.4	5.5	4.8	7.3	9.3	20.8	36.5	63.8	125.5	176.8	285.1	297.9	361.8	321.2	360.8	281.4	64.2	92.1	2.53	201.9

TABLE: BHP-5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis: 2001-2003 - Males
Bhopal

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	11	100	-	-	-	-	-	-	-	-	11	100
C01-02	Tongue	149	98.7	-	-	2	1.3	-	-	-	-	151	100
C03-06	Mouth	129	97.7	-	-	3	2.3	-	-	-	-	132	100
C07-8	Salivary Gland	6	100	-	-	-	-	-	-	-	-	6	100
C09	Tonsil	31	100	-	-	-	-	-	-	-	-	31	100
C10	Oth. Oropharynx	10	100	-	-	-	-	-	-	-	-	10	100
C11	Nasopharynx	9	100	-	-	-	-	-	-	-	-	9	100
C12-13	Hypopharynx	84	95.5	-	-	4	4.5	-	-	-	-	88	100
C14	Pharynx Unspecified	6	100	-	-	-	-	-	-	-	-	6	100
C15	Oesophagus	93	86.9	7	6.5	2	1.9	5	4.7	-	-	107	100
C16	Stomach	25	96.2	-	-	-	-	1	3.8	-	-	26	100
C17	Small Intestine	2	100	-	-	-	-	-	-	-	-	2	100
C18	Colon	33	94.3	-	-	-	-	2	5.7	-	-	35	100
C19-20	Rectum	35	97.2	-	-	-	-	1	2.8	-	-	36	100
C21	Anus & Anal Canal	9	100	-	-	-	-	-	-	-	-	9	100
C22	Liver	31	86.1	4	11.1	-	-	1	2.8	-	-	36	100
C23-24	Gallbladder etc.	26	60.5	11	25.6	2	4.7	4	9.3	-	-	43	100
C25	Pancreas	10	76.9	1	7.7	1	7.7	1	7.7	-	-	13	100
C30-31	Nose, Sinuses etc.	13	92.9	-	-	1	7.1	-	-	-	-	14	100
C32	Larynx	69	93.2	-	-	5	6.8	-	-	-	-	74	100
C33-34	Lung etc.	125	70.6	42	23.7	1	0.6	7	4	2	1.1	177	100
C37-38	Other Thoracic Organs	3	60	1	20	-	-	1	20	-	-	5	100
C40-41	Bone	17	89.5	1	5.3	1	5.3	-	-	-	-	19	100
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	29	96.7	-	-	1	3.3	-	-	-	-	30	100
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	31	100	-	-	-	-	-	-	-	-	31	100
C50	Breast	8	100	-	-	-	-	-	-	-	-	8	100
C60	Penis	13	86.7	-	-	1	6.7	1	6.7	-	-	15	100
C61	Prostate	59	86.8	2	2.9	-	-	7	10.3	-	-	68	100
C62	Testis	20	100	-	-	-	-	-	-	-	-	20	100
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	22	95.7	1	4.3	-	-	-	-	-	-	23	100
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	42	89.4	3	6.4	1	2.1	1	2.1	-	-	47	100
C68	Uns.Urinary Organs	1	100	-	-	-	-	-	-	-	-	1	100
C69	Eye	2	100	-	-	-	-	-	-	-	-	2	100
C70-72	Brain, Nervous System	45	84.9	8	15.1	-	-	-	-	-	-	53	100
C73	Thyroid	5	83.3	-	-	1	16.7	-	-	-	-	6	100
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	14	100	-	-	-	-	-	-	-	-	14	100
C78	Sec Resp & Digestive	11	64.7	5	29.4	1	5.9	-	-	-	-	17	100
C79	Sec Others	1	25	1	25	-	-	2	50	-	-	4	100
C81	Hodgkins Disease	19	100	-	-	-	-	-	-	-	-	19	100
C82-85,C96	NHL	60	100	-	-	-	-	-	-	-	-	60	100
C90	Multiple Myeloma	12	100	-	-	-	-	-	-	-	-	12	100
C91	Lymphoid Leuk.	22	100	-	-	-	-	-	-	-	-	22	100
C92-94	Myeloid Leukaemia	45	100	-	-	-	-	-	-	-	-	45	100
C95	Leukaemia Uns	2	100	-	-	-	-	-	-	-	-	2	100
O&U	Other and Uns	3	5.4	-	-	1	1.8	1	1.8	51	91.1	56	100
	All Sites	1,392	87.3	87	5.5	28	1.8	35	2.2	53	3.3	1,595	100

TABLE: BHP-5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis : 2001-2003 - Females
Bhopal

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	38	95	-	-	2	5	-	-	-	-	40	100
C03-06	Mouth	70	98.6	-	-	1	1.4	-	-	-	-	71	100
C07-8	Salivary Gland	3	100	-	-	-	-	-	-	-	-	3	100
C09	Tonsil	1	100	-	-	-	-	-	-	-	-	1	100
C10	Oth. Oropharynx	1	100	-	-	-	-	-	-	-	-	1	100
C11	Nasopharynx	1	100	-	-	-	-	-	-	-	-	1	100
C12-13	Hypopharynx	8	100	-	-	-	-	-	-	-	-	8	100
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	46	90.2	2	3.9	1	2	2	3.9	-	-	51	100
C16	Stomach	15	83.3	-	-	-	-	2	11.1	1	5.6	18	100
C17	Small Intestine	2	100	-	-	-	-	-	-	-	-	2	100
C18	Colon	13	100	-	-	-	-	-	-	-	-	13	100
C19-20	Rectum	29	96.7	-	-	-	-	1	3.3	-	-	30	100
C21	Anus & Anal Canal	3	100	-	-	-	-	-	-	-	-	3	100
C22	Liver	18	72	5	20	1	4	1	4	-	-	25	100
C23-24	Gallbladder etc.	37	57.8	18	28.1	4	6.3	5	7.8	-	-	64	100
C25	Pancreas	8	61.5	4	30.8	-	-	1	7.7	-	-	13	100
C30-31	Nose, Sinuses etc.	5	83.3	-	-	1	16.7	-	-	-	-	6	100
C32	Larynx	4	80	1	20	-	-	-	-	-	-	5	100
C33-34	Lung etc.	19	76	6	24	-	-	-	-	-	-	25	100
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	13	92.9	-	-	1	7.1	-	-	-	-	14	100
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	20	100	-	-	-	-	-	-	-	-	20	100
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	18	94.7	-	-	1	5.3	-	-	-	-	19	100
C50	Breast	343	97.7	-	-	7	2	1	0.3	-	-	351	100
C51	Vulva	7	100	-	-	-	-	-	-	-	-	7	100
C52	Vagina	6	85.7	-	-	1	14.3	-	-	-	-	7	100
C53	Cervix Uteri	267	96	-	-	11	4	-	-	-	-	278	100
C54	Corpus Uteri	18	94.7	-	-	-	-	1	5.3	-	-	19	100
C55	Uterus Unspecified	2	66.7	-	-	-	-	1	33.3	-	-	3	100
C56	Ovary etc.	84	91.3	6	6.5	1	1.1	1	1.1	-	-	92	100
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	2	100	-	-	-	-	-	-	-	-	2	100
C64	Kidney etc.	9	100	-	-	-	-	-	-	-	-	9	100
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	7	100	-	-	-	-	-	-	-	-	7	100
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	4	100	-	-	-	-	-	-	-	-	4	100
C70-72	Brain, Nervous System	19	82.6	3	13	-	-	1	4.3	-	-	23	100
C73	Thyroid	17	100	-	-	-	-	-	-	-	-	17	100
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	6	100	-	-	-	-	-	-	-	-	6	100
C78	Sec Resp & Digestive	7	77.8	1	11.1	-	-	1	11.1	-	-	9	100
C79	Sec Others	-	-	2	66.7	-	-	1	33.3	-	-	3	100
C81	Hodgkins Disease	4	100	-	-	-	-	-	-	-	-	4	100
C82-85,C96	NHL	25	96.2	-	-	-	-	-	-	1	3.8	26	100
C90	Multiple Myeloma	14	100	-	-	-	-	-	-	-	-	14	100
C91	Lymphoid Leuk.	14	100	-	-	-	-	-	-	-	-	14	100
C92-94	Myeloid Leukaemia	28	100	-	-	-	-	-	-	-	-	28	100
C95	Leukaemia Uns	2	100	-	-	-	-	-	-	-	-	2	100
O&U	Other and Uns	2	3.9	-	-	-	-	-	-	49	96.1	51	100
	All Sites	1,259	89.4	48	3.4	32	2.3	19	1.3	51	3.6	1,409	100

TABLE: BHP-6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Males : Bhopal

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	10	90.9	-	-	1	9.1	-	-	-	-	-	-	11	100
C01-02	Tongue	135	89.4	4	2.6	10	6.6	-	-	-	-	2	1.3	151	100
C03-06	Mouth	117	88.6	2	1.5	10	7.6	-	-	-	-	3	2.3	132	100
C07-8	Salivary Gland	5	83.3	-	-	1	16.7	-	-	-	-	-	-	6	100
C09	Tonsil	30	96.8	-	-	1	3.2	-	-	-	-	-	-	31	100
C10	Oth. Oropharynx	9	90	1	10	-	-	-	-	-	-	-	-	10	100
C11	Nasopharynx	5	55.6	3	33.3	1	11.1	-	-	-	-	-	-	9	100
C12-13	Hypopharynx	75	85.2	3	3.4	5	5.7	1	1.1	-	-	4	4.5	88	100
C14	Pharynx Unspecified	4	66.7	2	33.3	-	-	-	-	-	-	-	-	6	100
C15	Oesophagus	88	82.2	1	0.9	4	3.7	-	-	-	-	14	13.1	107	100
C16	Stomach	24	92.3	-	-	1	3.8	-	-	-	-	1	3.8	26	100
C17	Small Intestine	2	100	-	-	-	-	-	-	-	-	-	-	2	100
C18	Colon	31	88.6	1	2.9	1	2.9	-	-	-	-	2	5.7	35	100
C19-20	Rectum	35	97.2	-	-	-	-	-	-	-	-	1	2.8	36	100
C21	Anus & Anal Canal	8	88.9	-	-	1	11.1	-	-	-	-	-	-	9	100
C22	Liver	28	77.8	-	-	3	8.3	-	-	-	-	5	13.9	36	100
C23-24	Gallbladder etc.	18	41.9	1	2.3	7	16.3	-	-	-	-	17	39.5	43	100
C25	Pancreas	7	53.8	1	7.7	2	15.4	-	-	-	-	3	23.1	13	100
C30-31	Nose, Sinuses etc.	9	64.3	-	-	4	28.6	-	-	-	-	1	7.1	14	100
C32	Larynx	56	75.7	5	6.8	8	10.8	-	-	-	-	5	6.8	74	100
C33-34	Lung etc.	67	37.9	8	4.5	50	28.2	-	-	-	-	52	29.4	177	100
C37-38	Other Thoracic Organs	2	40	-	-	1	20	-	-	-	-	2	40	5	100
C40-41	Bone	17	89.5	-	-	-	-	-	-	-	-	2	10.5	19	100
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	26	86.7	1	3.3	2	6.7	-	-	-	-	1	3.3	30	100
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	28	90.3	-	-	3	9.7	-	-	-	-	-	-	31	100
C50	Breast	5	62.5	-	-	3	37.5	-	-	-	-	-	-	8	100
C60	Penis	12	80	1	6.7	-	-	-	-	-	-	2	13.3	15	100
C61	Prostate	55	80.9	1	1.5	2	2.9	-	-	1	1.5	9	13.2	68	100
C62	Testis	18	90	1	5	1	5	-	-	-	-	-	-	20	100
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	22	95.7	-	-	-	-	-	-	-	-	1	4.3	23	100
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	41	87.2	-	-	1	2.1	-	-	-	-	5	10.6	47	100
C68	Uns. Urinary Organs	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C69	Eye	1	50	-	-	-	-	-	-	1	50	-	-	2	100
C70-72	Brain, Nervous System	45	84.9	-	-	-	-	-	-	-	-	8	15.1	53	100
C73	Thyroid	4	66.7	-	-	1	16.7	-	-	-	-	1	16.7	6	100
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	12	85.7	2	14.3	-	-	-	-	-	-	14	100
C78	Sec Resp & Digestive	-	-	6	35.3	5	29.4	-	-	-	-	6	35.3	17	100
C79	Sec Others	-	-	1	25	-	-	-	-	-	-	3	75	4	100
C81	Hodgkins Disease	15	78.9	-	-	2	10.5	2	10.5	-	-	-	-	19	100
C82-85,C96	NHL	54	90	-	-	6	10	-	-	-	-	-	-	60	100
C90	Multiple Myeloma	3	25	-	-	-	-	5	41.7	4	33.3	-	-	12	100
C91	Lymphoid Leuk.	-	-	-	-	-	-	20	90.9	2	9.1	-	-	22	100
C92-94	Myeloid Leukaemia	2	4.4	-	-	-	-	33	73.3	10	22.2	-	-	45	100
C95	Leukaemia Uns	-	-	-	-	-	-	2	100	-	-	-	-	2	100
O&U	Other and Uns	1	1.8	1	1.8	1	1.8	-	-	-	-	53	94.6	56	100
	All Sites	1,115	69.9	56	3.5	140	8.8	63	3.9	18	1.1	203	12.7	1,595	100

TABLE: BHP-6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Females : Bhopal

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	34	85	3	7.5	1	2.5	-	-	-	-	2	5	40	100
C03-06	Mouth	65	91.5	2	2.8	3	4.2	-	-	-	-	1	1.4	71	100
C07-8	Salivary Gland	3	100	-	-	-	-	-	-	-	-	-	-	3	100
C09	Tonsil	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C10	Oth. Oropharynx	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C11	Nasopharynx	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C12-13	Hypopharynx	6	75	-	-	2	25	-	-	-	-	-	-	8	100
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	45	88.2	-	-	1	2	-	-	-	-	5	9.8	51	100
C16	Stomach	13	72.2	-	-	2	11.1	-	-	-	-	3	16.7	18	100
C17	Small Intestine	2	100	-	-	-	-	-	-	-	-	-	-	2	100
C18	Colon	13	100	-	-	-	-	-	-	-	-	-	-	13	100
C19-20	Rectum	28	93.3	-	-	1	3.3	-	-	-	-	1	3.3	30	100
C21	Anus & Anal Canal	3	100	-	-	-	-	-	-	-	-	-	-	3	100
C22	Liver	10	40	-	-	8	32	-	-	-	-	7	28	25	100
C23-24	Gallbladder etc.	23	35.9	4	6.3	10	15.6	-	-	-	-	27	42.2	64	100
C25	Pancreas	7	53.8	1	7.7	-	-	-	-	-	-	5	38.5	13	100
C30-31	Nose, Sinuses etc.	5	83.3	-	-	-	-	-	-	-	-	1	16.7	6	100
C32	Larynx	4	80	-	-	-	-	-	-	-	-	1	20	5	100
C33-34	Lung etc.	8	32	2	8	9	36	-	-	-	-	6	24	25	100
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	11	78.6	-	-	2	14.3	-	-	-	-	1	7.1	14	100
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	20	100	-	-	-	-	-	-	-	-	-	-	20	100
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	16	84.2	-	-	2	10.5	-	-	-	-	1	5.3	19	100
C50	Breast	299	85.2	2	0.6	42	12	-	-	-	-	8	2.3	351	100
C51	Vulva	7	100	-	-	-	-	-	-	-	-	-	-	7	100
C52	Vagina	6	85.7	-	-	-	-	-	-	-	-	1	14.3	7	100
C53	Cervix Uteri	262	94.2	-	-	5	1.8	-	-	-	-	11	4	278	100
C54	Corpus Uteri	18	94.7	-	-	-	-	-	-	-	-	1	5.3	19	100
C55	Uterus Unspecified	2	66.7	-	-	-	-	-	-	-	-	1	33.3	3	100
C56	Ovary etc.	71	77.2	4	4.3	9	9.8	-	-	-	-	8	8.7	92	100
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	2	100	-	-	-	-	-	-	-	-	-	-	2	100
C64	Kidney etc.	9	100	-	-	-	-	-	-	-	-	-	-	9	100
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	7	100	-	-	-	-	-	-	-	-	-	-	7	100
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	4	100	-	-	-	-	-	-	-	-	-	-	4	100
C70-72	Brain, Nervous System	18	78.3	-	-	1	4.3	-	-	-	-	4	17.4	23	100
C73	Thyroid	14	82.4	-	-	3	17.6	-	-	-	-	-	-	17	100
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	3	50	3	50	-	-	-	-	-	-	6	100
C78	Sec Resp & Digestive	-	-	4	44.4	3	33.3	-	-	-	-	2	22.2	9	100
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	3	100	3	100
C81	Hodgkins Disease	4	100	-	-	-	-	-	-	-	-	-	-	4	100
C82-85,C96	NHL	24	92.3	-	-	1	3.8	-	-	-	-	1	3.8	26	100
C90	Multiple Myeloma	4	28.6	-	-	-	-	3	21.4	7	50	-	-	14	100
C91	Lymphoid Leuk.	2	14.3	-	-	-	-	10	71.4	2	14.3	-	-	14	100
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	22	78.6	6	21.4	-	-	28	100
C95	Leukaemia Uns	-	-	-	-	-	-	2	100	-	-	-	-	2	100
O&U	Other and Uns	2	3.9	-	-	-	-	-	-	-	-	49	96.1	51	100
	All Sites	1,074	76.2	25	1.8	108	7.7	37	2.6	15	1.1	150	10.6	1,409	100

**TABLE BHP-7 (a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Bhopal

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	0.43
C01-02	Tongue	-	-	-	-	-	-	3	4	2	4	8	8	6	9	1	4	-	49	10.49
C03-06	Mouth	-	-	-	-	-	-	3	4	2	2	5	1	6	1	-	1	-	25	5.35
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.21
C09	Tonsil	-	-	-	-	-	1	-	-	2	-	2	-	1	-	1	-	-	7	1.5
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	3	0.64
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.21
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	1	-	4	-	3	2	3	4	-	17	3.64
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	-	1	4	5	14	6	6	3	2	-	41	8.78
C16	Stomach	-	-	-	-	-	1	-	-	1	-	2	-	-	-	1	1	-	6	1.28
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	-	1	2	-	4	2	3	1	1	1	-	15	3.21
C19-20	Rectum	-	-	-	-	-	-	1	1	1	1	2	2	-	-	2	1	-	11	2.36
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.21
C22	Liver	-	-	-	-	-	-	1	-	2	-	3	-	3	2	1	1	-	13	2.78
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	-	1	2	4	1	3	-	1	2	-	14	3
C25	Pancreas	-	-	-	-	-	-	-	-	1	-	1	2	-	2	1	-	-	7	1.5
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.21
C32	Larynx	-	-	-	-	-	-	-	-	2	1	1	4	5	3	2	3	-	21	4.5
C33-34	Lung etc.	-	-	-	-	-	-	3	1	2	5	7	15	12	9	14	7	-	75	16.06
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.21
C40-41	Bone	-	1	-	1	-	-	2	-	2	-	-	-	-	-	-	-	-	6	1.28
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	Other Skin	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	0.21
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.21
C50	Breast	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.21
C60	Penis	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.21
C61	Prostate	-	-	-	-	-	-	-	-	-	-	1	-	-	5	3	4	-	13	2.78
C62	Testis	-	-	-	2	1	-	1	-	-	-	1	-	-	-	-	-	-	5	1.07
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	2	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	6	1.28
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	1	1	2	-	3	1	1	-	-	9	1.93
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, Nervous System	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	1	-	4	0.86
C73	Thyroid	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	2	0.43
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	1	-	-	-	1	-	1	-	-	-	-	1	-	4	0.86
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	1	1	1	-	-	2	1	-	-	6	1.28
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkins Disease	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	2	0.43
C82-85, C96	NHL	-	1	1	-	1	-	-	-	-	-	2	-	2	1	-	-	-	8	1.71
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	-	3	0.64
C91	Lymphoid Leuk.	-	2	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	5	1.07
C92-94	Myeloid Leukaemia	-	1	-	-	2	-	-	-	1	-	1	-	1	-	-	-	-	6	1.28
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	-	-	3	1	2	1	1	2	2	7	10	14	4	6	6	7	-	66	14.13
	All Sites	2	7	5	6	7	4	16	15	33	33	69	65	63	56	45	41	-	467	100.00

**TABLE BHP-7 (b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Females**

% = Relative Proportion of Cancers of All Sites.

Bhopal

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	-	-	-	-	2	1	1	2	-	1	-	-	-	-	7	1.94
C03-06	Mouth	-	-	-	-	-	1	-	1	3	2	1	3	2	1	2	-	-	16	4.44
C07-8	Salivary Gland	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	0.56
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.28
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.28
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	Oesophagus	-	-	-	-	-	-	-	-	2	4	2	1	2	2	2	2	-	17	4.72
C16	Stomach	-	-	-	-	-	-	-	-	-	2	3	1	-	-	-	-	-	6	1.67
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.28
C18	Colon	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	0.56
C19-20	Rectum	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	3	-	6	1.67
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.28
C22	Liver	-	-	-	-	-	1	-	-	2	2	1	1	-	3	-	-	-	10	2.78
C23-24	Gallbladder etc.	-	-	-	-	-	-	1	1	5	1	2	1	4	-	1	3	-	19	5.28
C25	Pancreas	-	-	-	-	-	-	-	-	-	1	1	1	1	1	2	-	-	7	1.94
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	Larynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C33-34	Lung etc.	-	-	-	-	-	-	-	1	1	1	-	3	2	1	3	-	-	12	3.33
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	Bone	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	1	-	4	1.11
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.28
C44	Other Skin	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.28
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	1	3	1	-	-	-	-	-	-	2	-	-	-	-	7	1.94
C50	Breast	-	-	-	-	-	1	3	4	7	8	13	10	3	4	3	2	-	58	16.11
C51	Vulva	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	Vagina	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	0.28
C53	Cervix Uteri	-	-	-	-	-	2	2	3	4	9	7	10	3	2	2	6	-	50	13.89
C54	Corpus Uteri	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	2	0.56
C55	Uterus Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	Ovary etc.	-	-	1	2	1	1	2	1	4	1	4	2	6	-	2	-	-	27	7.5
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.28
C58	Placenta	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	Kidney etc.	-	-	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	3	0.83
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.28
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	Brain, Nervous System	-	1	1	-	-	-	-	1	-	-	-	-	-	-	1	-	-	4	1.11
C73	Thyroid	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	-	2	0.56
C74	Adrenal Gland	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.28
C78	Sec Resp & Digestive	-	-	-	-	-	-	1	-	1	1	1	2	-	-	1	-	-	7	1.94
C79	Sec Others	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	Hodgkins Disease	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	2	0.56
C82-85,C96	NHL	-	-	1	-	-	-	-	2	-	-	2	-	-	-	-	-	-	5	1.39
C90	Multiple Myeloma	-	-	-	-	-	-	1	-	1	-	-	-	-	-	1	1	-	4	1.11
C91	Lymphoid Leuk.	2	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	0.83
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	-	1	2	1	-	-	-	-	-	-	-	4	1.11
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	Other and Uns	1	-	-	1	1	-	1	1	5	5	6	12	8	3	5	6	-	55	15.28
	All Sites	3	5	6	7	8	8	11	19	38	44	51	51	36	22	26	25	-	360	100.00

TABLE: BHP-8(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: 2001-2003 - Males
Bhopal

ICD-10	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
C00	-	-	-	-	-	-	-	-	0.7	0.9	-	-	-	-	-	-	0.1	0.1	0.07	0.3
C01-02	-	-	-	-	-	-	1.5	2.2	1.4	3.6	9.7	13.8	10.8	25.1	3.9	18.0	2.0	3.2	0.47	6.1
C03-06	-	-	-	-	-	-	1.5	2.2	1.4	1.8	6.0	1.7	10.8	2.8	-	4.5	1.0	1.4	0.29	3.6
C07-8	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	0.0	0.1	0.08	-
C09	-	-	-	-	-	0.5	-	-	1.4	-	2.4	-	1.8	-	3.9	-	0.3	0.4	0.15	0.9
C10	-	-	-	-	-	-	-	-	-	-	-	1.7	1.8	-	3.9	-	0.1	0.2	0.13	0.5
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.9	-	0.0	0.1	0.08	-
C12-13	-	-	-	-	-	-	-	-	0.7	-	4.8	-	5.4	5.6	11.8	18.0	0.7	1.3	0.31	1.6
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	-	0.7	3.6	6.0	24.1	10.8	16.8	11.8	9.0	1.7	2.9	0.45	6.3
C16	-	-	-	-	-	0.5	-	-	0.7	-	2.4	-	-	-	3.9	4.5	0.2	0.4	0.16	0.5
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	-	0.5	1.4	-	4.8	3.4	5.4	2.8	3.9	4.5	0.6	1.0	0.26	2.3
C19-20	-	-	-	-	-	-	0.5	0.5	0.7	0.9	2.4	3.4	-	-	7.9	4.5	0.4	0.7	0.21	1.2
C21	-	-	-	-	-	-	-	-	0.7	-	-	-	-	-	-	-	0.0	0.0	0.04	0.1
C22	-	-	-	-	-	-	0.5	-	1.4	-	3.6	-	5.4	5.6	3.9	4.5	0.5	0.8	0.24	1.5
C23-24	-	-	-	-	-	-	-	-	0.7	1.8	4.8	1.7	5.4	-	3.9	9.0	0.6	0.9	0.25	2.2
C25	-	-	-	-	-	-	-	-	0.7	-	1.2	3.4	-	5.6	3.9	-	0.3	0.5	0.19	0.8
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.5	0.0	0.1	0.09	-
C32	-	-	-	-	-	-	-	-	1.4	0.9	1.2	6.9	9.0	8.4	7.9	13.5	0.9	1.5	0.34	2.7
C33-34	-	-	-	-	-	-	1.5	0.5	1.4	4.5	8.5	25.8	21.6	25.1	55.3	31.4	3.1	5.3	0.62	8.7
C37-38	-	-	-	-	-	-	-	-	-	-	1.2	-	-	-	-	-	0.0	0.1	0.06	0.2
C40-41	-	0.4	-	0.4	-	-	1.0	-	1.4	-	-	-	-	-	-	-	0.2	0.2	0.09	0.3
C43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C44	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	-	-	0.0	0.0	0.03	0.1
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	-	-	-	-	-	-	-	-	-	0.9	-	-	-	-	-	-	0.0	0.1	0.05	0.2
C50	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	0.0	0.1	0.08	-
C60	-	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	0.0	0.1	0.07	0.2
C61	-	-	-	-	-	-	-	-	-	-	1.2	-	-	14.0	11.8	18.0	0.5	1.1	0.30	0.2
C62	-	-	-	0.7	0.4	-	0.5	-	-	-	1.2	-	-	-	-	-	0.2	0.2	0.09	0.2
C63	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	0.8	0.7	-	-	-	-	-	-	-	-	-	-	-	5.6	-	-	0.2	0.3	0.15	-
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	0.7	0.9	2.4	-	5.4	2.8	3.9	-	0.4	0.6	0.20	1.4
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	-	-	-	-	0.5	-	-	-	-	-	1.7	-	2.8	-	4.5	0.2	0.3	0.15	0.2
C73	-	-	-	-	-	-	-	-	-	0.9	-	-	-	-	3.9	-	0.1	0.1	0.10	0.2
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	0.4	-	-	-	0.7	-	1.2	-	-	-	-	4.5	0.2	0.2	0.12	0.3
C78	-	-	-	-	-	-	-	-	0.7	0.9	1.2	-	-	5.6	3.9	-	0.2	0.4	0.17	0.5
C79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	-	-	-	0.5	0.7	-	-	-	-	-	-	-	0.1	0.1	0.05	0.2
C82-85,C96	-	0.4	0.4	-	0.4	-	-	-	-	-	2.4	-	3.6	2.8	-	-	0.3	0.4	0.17	0.9
C90	-	-	-	-	-	-	-	-	0.7	0.9	1.2	-	-	-	-	-	0.1	0.2	0.09	0.5
C91	-	0.7	-	-	-	-	0.5	-	-	-	-	-	3.6	-	-	-	0.2	0.2	0.12	0.5
C92-94	-	0.4	-	-	0.8	-	-	-	0.7	-	1.2	-	1.8	-	-	-	0.2	0.3	0.12	0.6
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	-	-	1.1	0.4	0.8	0.5	0.5	1.1	1.4	6.3	12.1	24.1	7.2	16.8	23.7	31.4	2.7	4.2	0.54	7.7
All	0.8	2.5	1.8	2.2	2.7	1.9	8.2	8.2	22.8	29.7	83.3	112.0	113.5	156.4	177.7	184.1	19.1	30.3	1.45	54.3

TABLE: BHP-8(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: 2001-2003 - Females
Bhopal

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	-	-	-	-	1.2	0.9	1.1	3.0	-	2.0	-	-	-	0.3	0.4	0.17	1.4
C03-06	-	-	-	-	-	0.5	-	0.6	2.7	2.2	1.5	5.4	4.0	2.8	8.3	-	0.7	1.1	0.27	2.5
C07-8	-	-	0.4	-	-	-	-	-	-	-	1.5	-	-	-	-	-	0.1	0.1	0.08	0.2
C09	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	0.0	0.1	0.08	0.3
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C12-13	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	0.0	0.1	0.09	-
C14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C15	-	-	-	-	-	-	-	-	1.8	4.3	3.0	1.8	4.0	5.7	8.3	7.6	0.8	1.2	0.30	2.4
C16	-	-	-	-	-	-	-	-	-	2.2	4.5	1.8	-	-	-	-	0.3	0.4	0.17	1.4
C17	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-	-	-	0.0	0.1	0.08	0.2
C18	-	-	-	-	-	-	-	-	-	-	-	1.8	-	2.8	-	-	0.1	0.2	0.11	0.2
C19-20	-	-	-	-	-	0.5	-	-	-	1.1	1.5	-	-	-	-	11.4	0.3	0.4	0.17	0.5
C21	-	-	-	-	-	-	-	-	-	1.1	-	-	-	-	-	-	0.0	0.1	0.06	0.2
C22	-	-	-	-	-	0.5	-	-	1.8	2.2	1.5	1.8	-	8.5	-	-	0.5	0.7	0.22	1.2
C23-24	-	-	-	-	-	-	0.6	0.6	4.4	1.1	3.0	1.8	8.0	-	4.1	11.4	0.9	1.3	0.29	2.9
C25	-	-	-	-	-	-	-	-	-	1.1	1.5	1.8	2.0	2.8	8.3	-	0.3	0.5	0.21	0.9
C30-31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C33-34	-	-	-	-	-	-	-	0.6	0.9	1.1	-	5.4	4.0	2.8	12.4	-	0.5	0.9	0.25	1.7
C37-38	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C40-41	-	-	0.4	0.9	-	-	-	-	-	-	-	-	-	-	-	3.8	0.2	0.2	0.10	-
C43	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-	-	-	0.0	0.1	0.08	0.2
C44	-	-	-	-	-	-	-	-	-	-	1.5	-	-	-	-	-	0.0	0.1	0.08	0.2
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	-	-	-	0.4	1.3	0.5	-	-	-	-	-	-	4.0	-	-	-	0.3	0.3	0.14	0.5
C50	-	-	-	-	-	0.5	1.7	2.4	6.2	8.6	19.5	17.9	6.0	11.4	12.4	7.6	2.6	3.8	0.52	9.6
C51	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C52	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	0.0	0.1	0.09	-
C53	-	-	-	-	-	0.9	1.1	1.8	3.5	9.7	10.5	17.9	6.0	5.7	8.3	22.8	2.3	3.3	0.48	7.7
C54	-	-	-	-	-	-	-	-	-	1.1	-	-	-	2.8	-	-	0.1	0.1	0.11	0.2
C55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C56	-	-	0.4	0.9	0.4	0.5	1.1	0.6	3.5	1.1	6.0	3.6	12.0	-	8.3	-	1.2	1.7	0.33	4.0
C57	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	-	-	0.0	0.1	0.07	0.2
C58	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C64	-	-	-	-	0.9	-	-	-	-	1.1	-	-	-	-	-	-	0.1	0.1	0.08	0.2
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	-	-	2.0	-	-	-	0.0	0.1	0.08	0.3
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C70-72	-	0.4	0.4	-	-	-	-	0.6	-	-	-	-	-	-	4.1	-	0.2	0.2	0.11	0.1
C73	-	-	-	-	-	-	-	-	-	-	-	1.8	-	-	4.1	-	0.1	0.2	0.11	0.2
C74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C77	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.8	0.0	0.1	0.08	-
C78	-	-	-	-	-	-	0.6	-	0.9	1.1	1.5	3.6	-	-	4.1	-	0.3	0.5	0.18	1.1
C79	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C81	-	-	-	-	0.4	-	-	-	-	1.1	-	-	-	-	-	-	0.1	0.1	0.07	0.2
C82-85,C96	-	-	0.4	-	-	-	-	1.2	-	-	3.0	-	-	-	-	-	0.2	0.3	0.12	0.7
C90	-	-	-	-	-	-	0.6	-	0.9	-	-	-	-	-	4.1	3.8	0.2	0.2	0.13	0.2
C91	0.9	-	-	-	-	-	-	-	-	-	-	-	-	2.8	-	-	0.1	0.2	0.12	-
C92-94	-	-	-	-	-	-	-	0.6	1.8	1.1	-	-	-	-	-	-	0.2	0.2	0.11	0.7
C95	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
O&U	0.5	-	-	0.4	0.4	-	0.6	0.6	4.4	5.4	9.0	21.5	16.0	8.5	20.7	22.8	2.5	3.9	0.53	8.3
All	1.4	2.0	2.4	3.0	3.6	3.8	6.3	11.5	33.6	47.4	76.5	91.5	72.0	62.5	107.8	95.1	16.4	23.7	1.28	51.3

TABLE BHP-9(a): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0–64 Years and from 0–74 Years) 2001-2003:
Males - Bhopal

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.03	0.03	0.08	0.08
C01-02	Tongue	0.68	0.68	1.18	1.17
C03-06	Mouth	0.58	0.58	1.03	1.02
C07-8	Salivary Gland	0.01	0.01	0.03	0.03
C09	Tonsil	0.14	0.14	0.24	0.24
C10	Oth. Oropharynx	0.04	0.04	0.09	0.09
C11	Nasopharynx	0.02	0.02	0.07	0.07
C12-13	Hypopharynx	0.37	0.37	0.76	0.76
C14	Pharynx Unspecified	0.02	0.02	0.06	0.06
C15	Oesophagus	0.49	0.49	0.95	0.94
C16	Stomach	0.12	0.12	0.19	0.19
C17	Small Intestine	0.01	0.01	0.01	0.01
C18	Colon	0.14	0.14	0.27	0.27
C19-20	Rectum	0.15	0.15	0.23	0.23
C21	Anus & Anal Canal	0.06	0.06	0.06	0.06
C22	Liver	0.13	0.13	0.28	0.28
C23-24	Gallbladder etc.	0.18	0.18	0.36	0.36
C25	Pancreas	0.04	0.04	0.11	0.11
C30-31	Nose, Sinuses etc.	0.06	0.06	0.11	0.11
C32	Larynx	0.34	0.34	0.64	0.64
C33-34	Lung etc.	0.76	0.76	1.56	1.55
C37-38	Other Thoracic Organs	0.02	0.02	0.02	0.02
C40-41	Bone	0.06	0.06	0.06	0.06
C43	Melanoma of Skin	-	-	-	-
C44	Other Skin	0.11	0.11	0.23	0.23
C45	Mesothelioma	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-
C47+C49	Conn. & Soft Tissue	0.11	0.11	0.21	0.21
C50	Breast	0.03	0.03	0.06	0.06
C60	Penis	0.08	0.08	0.08	0.08
C61	Prostate	0.15	0.15	0.76	0.75
C62	Testis	0.05	0.05	0.07	0.07
C63	Other Male Genital	-	-	-	-
C64	Kidney etc.	0.1	0.1	0.18	0.18
C65	Renal Pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.21	0.21	0.45	0.45
C68	Uns.Urinary Organs	0.01	0.01	0.01	0.01
C69	Eye	0.01	0.01	0.01	0.01
C70-72	Brain, Nervous System	0.2	0.2	0.3	0.3
C73	Thyroid	0.02	0.02	0.04	0.04
C74	Adrenal Gland	-	-	-	-
C77	Sec Lymph Nodes	0.05	0.05	0.12	0.12
C78	Sec Resp & Digestive	0.06	0.06	0.17	0.17
C79	Sec Others	0.01	0.01	0.03	0.03
C81	Hodgkins Disease	0.05	0.05	0.08	0.08
C82-85,C96	NHL	0.19	0.19	0.34	0.34
C90	Multiple Myeloma	0.07	0.07	0.1	0.1
C91	Lymphoid Leuk.	0.07	0.07	0.13	0.13
C92-94	Myeloid Leukaemia	0.18	0.18	0.24	0.24
C95	Leukaemia Uns	0	0	0	0
O&U	Other and Uns	0.24	0.24	0.36	0.36
	All Sites	6.47	6.26	12.35	11.62

TABLE BHP-9(b): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0–64 Years and from 0–74 Years) 2001-2003: Females - Bhopal

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	-	-	-	-
C01-02	Tongue	0.21	0.2	0.34	0.34
C03-06	Mouth	0.4	0.4	0.67	0.67
C07-8	Salivary Gland	0.02	0.02	0.02	0.02
C09	Tonsil	0.01	0.01	0.01	0.01
C10	Oth. Oropharynx	-	-	0.01	0.01
C11	Nasopharynx	0.01	0.01	0.01	0.01
C12-13	Hypopharynx	0.04	0.04	0.09	0.09
C14	Pharynx Unspecified	-	-	-	-
C15	Oesophagus	0.23	0.23	0.45	0.45
C16	Stomach	0.1	0.1	0.14	0.14
C17	Small Intestine	0.01	0.01	0.01	0.01
C18	Colon	0.05	0.05	0.09	0.09
C19-20	Rectum	0.13	0.13	0.19	0.19
C21	Anus & Anal Canal	0.01	0.01	0.03	0.03
C22	Liver	0.1	0.1	0.2	0.2
C23-24	Gallbladder etc.	0.35	0.35	0.54	0.54
C25	Pancreas	0.07	0.07	0.14	0.14
C30-31	Nose, Sinuses etc.	0.03	0.03	0.03	0.03
C32	Larynx	0.02	0.02	0.02	0.02
C33-34	Lung etc.	0.14	0.14	0.24	0.24
C37-38	Other Thoracic Organs	-	-	-	-
C40-41	Bone	0.06	0.06	0.06	0.06
C43	Melanoma of Skin	-	-	-	-
C44	Other Skin	0.09	0.09	0.15	0.15
C45	Mesothelioma	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-
C47 + C49	Conn. & Soft Tissue	0.1	0.1	0.1	0.1
C50	Breast	1.82	1.8	2.45	2.42
C51	Vulva	0.02	0.02	0.07	0.07
C52	Vagina	0.04	0.04	0.06	0.06
C53	Cervix Uteri	1.46	1.45	2.09	2.07
C54	Corpus Uteri	0.11	0.11	0.19	0.19
C55	Uterus Unspecified	0.01	0.01	0.02	0.02
C56	Ovary etc.	0.45	0.45	0.59	0.59
C57	Other Female Genital	-	-	-	-
C58	Placenta	0	0	0	0
C64	Kidney etc.	0.03	0.03	0.05	0.05
C65	Renal Pelvis	-	-	-	-
C66	Ureter	-	-	-	-
C67	Bladder	0.04	0.04	0.06	0.06
C68	Uns.Urinary Organs	-	-	-	-
C69	Eye	0.02	0.02	0.02	0.02
C70-72	Brain, Nervous System	0.08	0.08	0.11	0.11
C73	Thyroid	0.06	0.06	0.11	0.11
C74	Adrenal Gland	-	-	-	-
C77	Sec Lymph Nodes	0.02	0.02	0.02	0.02
C78	Sec Resp & Digestive	0.04	0.04	0.08	0.08
C79	Sec Others	0.01	0.01	0.02	0.02
C81	Hodgkins Disease	0.01	0.01	0.01	0.01
C82-85,C96	NHL	0.14	0.14	0.17	0.17
C90	Multiple Myeloma	0.07	0.07	0.08	0.08
C91	Lymphoid Leuk.	0.04	0.04	0.06	0.06
C92-94	Myeloid Leukaemia	0.1	0.1	0.15	0.15
C95	Leukaemia Uns	0	0	0	0
O&U	Other and Uns	0.25	0.25	0.43	0.43
	All Sites	7.01	6.77	10.42	9.89

POPULATION BASED CANCER REGISTRY, CHENNAI

Cancer Institute (WIA), Adyar, Chennai

Dr V.SHANTA, Principal Investigator

Dr R.SWAMINATHAN, Co-Investigator

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Registration area

The Madras Metropolitan Tumour Registry (MMTR), a Population Based Cancer Registry, was established at the Cancer Institute (W.I.A) in 1981 in the network of National Cancer Registry Programme (NCRP) of Indian Council of Medical Research, New Delhi, to study the pattern and trend of Cancer incidence and mortality in Chennai City (formerly Madras). The data collection commenced from 1st January 1982.

The Chennai city is situated at sea level on the Coromandel Coast of peninsular India at latitude 13.04°N and longitude 80.17°E. The MMTR caters to an area of 170 km² and a population (entirely urban) of 4.3 millions (957 Females to 1000 Males) as on 1st March 2001 constituting 0.4% and 7.0% of total population of India and state of Tamil Nadu respectively. The decadal population growth rate during 1991-2001 was 13.07% and the population density was estimated to be 24,964 persons/km². The literacy rate is 85% (M: 90%; F: 80%) and the predominantly spoken language is Tamil. The majority are Hindus (82%) followed by Muslims (9%), Christians (8%) and the rest belonging to the other religious groups (1%).

Cancer care

General health care, including cancer diagnostic and treatment facilities, are provided by the government health services, the Cancer Institute (WIA), which is a Regional Cancer Centre in Ministry of Health and Family Welfare, Government of India and supplemented by private practitioners and hospitals. The Radiation Oncology division at the Cancer Institute (WIA) is one of the best equipped centre in India. Radiation facilities are also available in four Government and five private hospitals. Surgical and Chemotherapeutic services are offered in government and private hospitals and nursing homes.

Registry structure and methods

The MMTR, besides a Principal Investigator, comprises a medical officer, two statisticians, a computer programmer, seven social workers and a data entry operator.

Cancer is not a notifiable disease in India. Therefore registration of cases is done by active method. The registry continues to enjoy good cooperation from all health care facilities in and around Chennai with greater than 225 sources of registration till date: government and private hospitals, nursing homes,

clinics, consultants, pathology laboratories, imaging centers and hospices. The Social Scientists of the registry visit the collaborating hospitals regularly and collect data on cancer by interviewing the cases wherever possible and/or from medical records. Deficient medical records are updated by the linkage of data collected from various departments within a hospital for completeness of details. Mortality information on all deaths occurring in the city, irrespective of the stated cause of death in the death certificate, is collected from the Vital Statistics Division (VSD) of the Corporation of Chennai. Management of data has been progressively computerized to minimize the manual work resulting in the enhancement of data quality. Reliability of data and quality of registration are constantly monitored with emphasis on re-abstraction and coding on a random sample of cases and case finding. Validity checks are done using IARC, NCRP and other in-house developed computer programs.

Interpreting the results & uses of data

The completeness of registration of cancer cases in MMTR is estimated to be 96%. The dissemination of cancer information is done by publishing periodic reports and descriptive epidemiological studies on cancer incidence and mortality highlighting the trends and patterns. MMTR has been the pioneer in many registry related activities in India: systematic trace-back of death certificate notifications, active follow-up of registered cases, collection of mortality data and survival analysis of top ten cancers.

A new registry, the Dindigul Ambilikkai Cancer Registry (DACR), covering a population of 2 millions has been started in 2004 to provide reliable data on cancer incidence in rural area. It is also evaluating the randomized field intervention trial on cervix cancer currently in progress in the area under the auspices of the International Agency for Research on Cancer, France. MMTR provides data to the ICMR project on "Development of an Atlas of Cancer in India".

MMTR renders assistance in the data collection for the first ever population based hereditary cancer registry in the country started by the institute since 2002. MMTR is also expected to provide valuable information to evaluate a population-screening program on cancers of the cervix, breast and oral cavity that is conducted by the Cancer Institute (WIA), in the neighbourhood.

Figure CHN-1

Population Pyramid showing Age Distribution: 2001-2003

Chennai

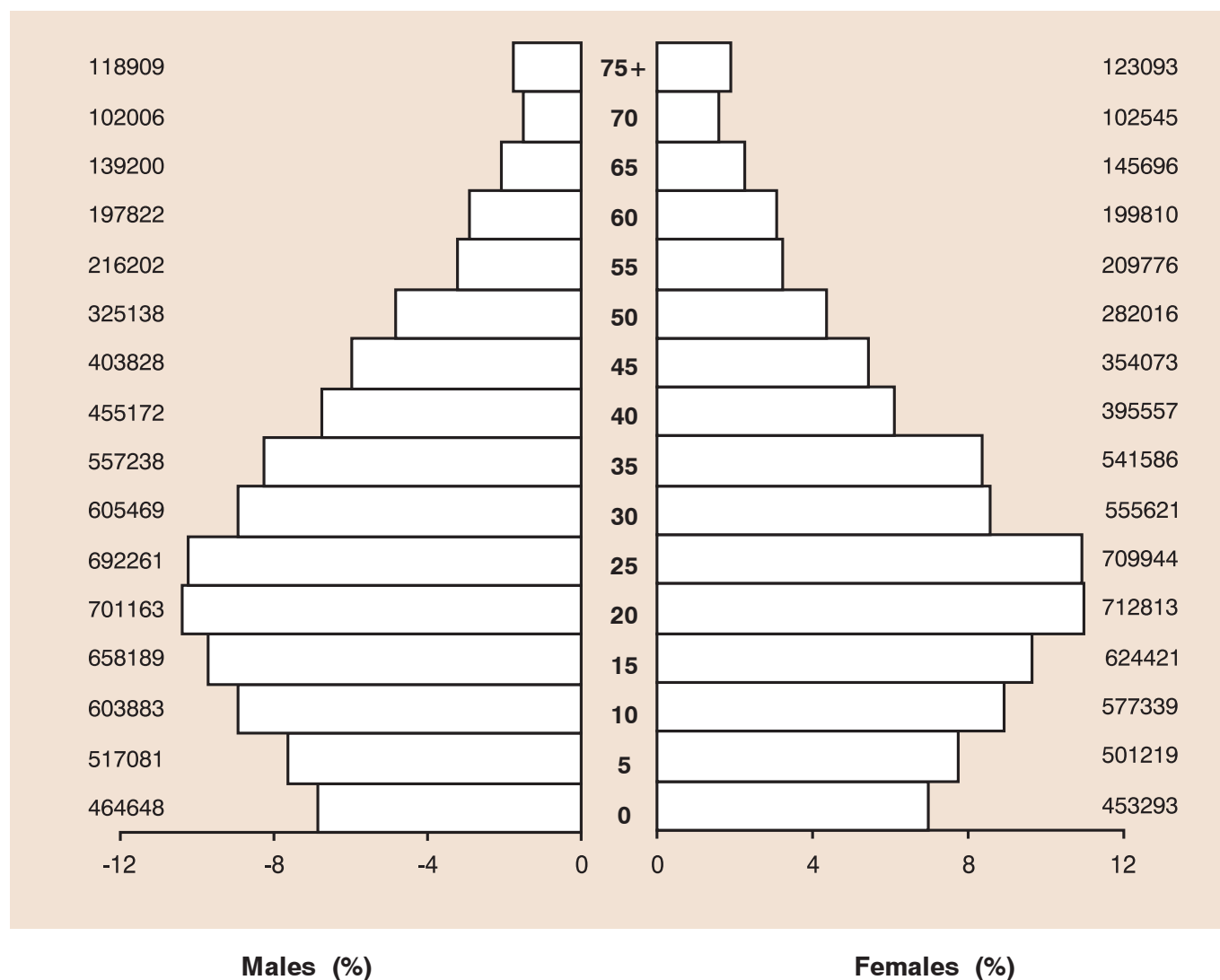


TABLE: CHN - 1**Population by Five Year Age Group and Gender: 2001-2003***Number and Relative Proportion (%)***Chennai**

Age Group	MALES		FEMALES	
	Number	%	Number	%
0-4	464648	6.88	453293	6.99
5-9	517081	7.65	501219	7.72
10-14	603883	8.94	577339	8.90
15-19	658189	9.74	624421	9.62
20-24	701163	10.37	712813	10.99
25-29	692261	10.24	709944	10.94
30-34	605469	8.96	555621	8.56
35-39	557238	8.25	541586	8.35
40-44	455172	6.74	395557	6.10
45-49	403828	5.98	354073	5.46
50-54	325138	4.81	282016	4.35
55-59	216202	3.20	209776	3.23
60-64	197822	2.93	199810	3.08
65-69	139200	2.06	145696	2.25
70-74	102006	1.51	102545	1.58
75+	118909	1.76	123093	1.90
Total	100.00	6758209	100.00	6488802

TABLE : CHN- 2
Main Sources of Registration of Incident Cases of Cancer : 2001-2003
Chennai

Name of the Institution	Number	%
Cancer Institute (WIA) Chennai-20	2667	20.67
Government General Hospital Chennai-3	2342	18.15
Dr Rai Memorial Cancer Centre Chennai-18	1221	9.46
Government Royapettah Hospital Chennai-14	1193	9.25
Government Stanley Hospital Chennai-1	1011	7.84
Apollo Hospital Chennai-6	914	7.08
Govt Womens and Childrens Hospital Chennai-8	552	4.28
Corporation of Chennai Chennai-3	331	2.57
Sri Ramachandara Medical and Research Centre	279	2.16
Gove Kilpauk Medical college and Hospital Ch 10	252	1.95
Periperal Hospital Anna Nagar Chennai-78	217	1.68
Southern Railway Hospital Chennai-23	200	1.55
Jeevodaya Chennai	151	1.17
V H S Chennai-113	136	1.05
Sundaram Medical Foundation Chennai	133	1.03
Government Institute of Child Health Chennai-8	119	0.92
St.Issabels Hospital Chennai-4	103	0.80
Others	1082	8.39
Total	12903	100.00

1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 2001-2003.
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 CHN-3 (a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Chennai

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	1	-	2	1	-	2	1	2	4	1	-	14	0.23
C01-02	Tongue	-	-	-	-	1	5	18	18	20	49	42	45	37	32	24	20	-	311	5
C03-06	Mouth	1	-	-	-	1	4	16	18	30	27	42	53	56	45	28	30	-	351	5.65
C07-8	Salivary Gland	-	-	2	2	2	4	3	1	3	2	3	2	4	2	2	2	-	34	0.55
C09	Tonsil	-	-	-	-	1	-	1	-	5	14	11	17	10	7	2	7	-	75	1.21
C10	Oth. Oropharynx	-	-	-	-	-	-	1	2	6	8	10	10	13	15	5	4	-	74	1.19
C11	Nasopharynx	-	-	-	5	3	3	-	1	1	7	11	3	5	6	-	3	-	48	0.77
C12-13	Hypopharynx	-	-	-	-	4	5	6	7	17	23	37	53	33	29	18	19	-	251	4.04
C14	Pharynx Unspecified	-	-	-	2	-	1	3	-	4	1	4	8	5	7	3	4	-	42	0.68
C15	Oesophagus	-	-	-	-	1	1	2	10	23	37	79	71	86	66	44	53	-	473	7.61
C16	Stomach	-	-	-	1	3	2	15	24	46	48	100	89	103	87	63	54	-	635	10.22
C17	Small Intestine	-	-	-	-	-	-	1	1	-	2	1	1	1	2	-	1	-	10	0.16
C18	Colon	-	-	-	1	1	4	3	11	6	15	14	13	23	14	10	17	-	132	2.12
C19-20	Rectum	-	-	-	2	8	8	9	9	8	10	21	14	22	26	14	35	-	186	2.99
C21	Anus & Anal Canal	-	-	-	-	-	1	-	1	6	5	7	4	4	1	4	2	-	35	0.56
C22	Liver	-	1	-	2	4	2	3	4	13	20	23	24	20	24	15	12	-	167	2.69
C23-24	Gallbladder etc.	-	-	-	-	-	-	2	5	7	7	11	8	11	8	6	7	-	72	1.16
C25	Pancreas	-	-	-	-	2	1	-	3	4	7	11	17	11	7	4	6	-	73	1.17
C30-31	Nose, Sinuses etc.	-	1	-	1	1	2	1	2	5	-	1	10	10	5	4	4	-	47	0.76
C32	Larynx	-	1	-	-	-	3	3	7	11	13	44	38	53	32	25	23	-	253	4.07
C33-34	Lung etc.	-	-	-	-	3	3	7	10	38	56	87	85	104	111	64	56	-	624	10.04
C37-38	Other Thoracic Organs	-	-	-	-	-	2	-	1	-	1	2	4	2	2	1	2	-	17	0.27
C40-41	Bone	-	2	13	12	3	5	4	3	5	5	9	1	1	2	1	4	-	70	1.13
C43	Melanoma of Skin	-	-	1	-	-	1	-	1	1	1	2	1	2	4	4	1	-	19	0.31
C44	Other Skin	-	-	-	-	1	1	7	5	1	6	6	5	11	4	11	5	-	63	1.01
C45	Mesothelioma	-	-	-	-	-	-	-	1	-	2	1	-	2	2	1	1	-	10	0.16
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	3	2	2	2	3	3	4	4	4	8	5	4	6	7	3	7	-	67	1.08
C50	Breast	-	-	-	-	1	2	-	1	2	3	7	3	5	5	5	3	-	37	0.6
C60	Penis	-	-	-	-	-	1	4	10	12	17	14	11	17	11	5	15	-	117	1.88
C61	Prostate	-	-	-	-	-	-	-	-	2	-	7	19	27	38	49	73	-	215	3.46
C62	Testis	1	1	3	2	3	6	6	7	8	4	4	4	-	3	1	2	-	55	0.89
C63	Other Male Genital	-	-	-	-	-	-	-	-	1	1	2	-	1	1	1	-	-	7	0.11
C64	Kidney etc.	8	3	-	-	3	1	3	2	6	7	12	7	6	7	6	5	-	76	1.22
C65	Renal Pelvis	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	2	0.03
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	0.02
C67	Bladder	-	-	-	-	-	1	4	4	4	5	13	15	27	29	21	43	-	166	2.67
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	1	-	-	1	1	1	-	-	-	4	0.06
C69	Eye	9	-	1	-	1	-	-	1	-	2	2	1	-	1	-	-	-	18	0.29
C70-72	Brain, Nervous System	9	9	8	13	6	14	16	15	8	19	20	17	19	9	7	4	-	193	3.11
C73	Thyroid	-	-	-	1	3	7	7	4	12	4	10	4	10	8	5	4	-	79	1.27
C74	Adrenal Gland	3	1	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	7	0.11
C77	Sec Lymph Nodes	-	-	-	-	1	3	1	2	7	11	18	10	19	11	9	10	-	102	1.64
C78	Sec Resp & Digestive	-	-	-	1	-	2	5	2	5	11	17	13	13	15	10	13	-	107	1.72
C79	Sec Others	-	1	-	-	2	1	3	1	2	5	6	7	10	7	2	6	-	53	0.85
C81	Hodgkins Disease	3	19	11	8	8	7	3	5	4	7	6	5	2	-	1	2	-	91	1.46
C82-85,C96	NHL	6	11	8	10	17	22	13	12	12	20	24	29	19	23	18	20	-	264	4.25
C90	Multiple Myeloma	-	1	-	-	-	-	2	2	1	4	5	9	11	3	5	8	-	51	0.82
C91	Lymphoid Leuk.	24	28	20	4	4	6	7	4	5	1	6	7	5	1	6	1	-	129	2.08
C92-94	Myeloid Leukaemia	4	2	1	3	7	14	12	8	15	9	10	9	12	6	5	4	-	121	1.95
C95	Leukaemia Uns	2	3	1	2	4	2	3	2	2	2	1	3	4	2	1	3	-	37	0.6
O&U	Other and Uns	-	1	1	4	2	6	9	9	9	7	16	12	12	11	15	15	-	129	2.08
	All Sites	73	87	74	78	104	156	208	240	385	515	785	769	856	741	532	611	-	6214	100

TABLE CHN-3 (b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Females

% = Relative Proportion of Cancers of All Sites.

Chennai

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	1	3	-	1	1	1	-	-	7	0.1
C01-02	Tongue	-	-	-	-	-	-	2	1	5	13	17	19	21	9	13	7	-	107	1.6
C03-06	Mouth	-	-	-	1	2	3	3	10	17	21	31	35	54	46	37	24	-	284	4.25
C07-8	Salivary Gland	-	-	-	1	-	6	4	1	4	-	2	-	4	2	-	1	-	25	0.37
C09	Tonsil	-	-	-	-	-	-	1	2	1	2	3	2	3	1	-	-	-	15	0.22
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	2	-	-	2	-	-	-	3	-	7	0.1
C11	Nasopharynx	-	1	-	-	1	2	-	-	2	2	3	3	3	-	-	-	-	17	0.25
C12-13	Hypopharynx	-	-	-	-	-	3	4	6	10	12	22	10	19	10	6	5	-	107	1.6
C14	Pharynx Unspecified	-	-	-	-	1	-	-	3	1	2	2	3	2	-	1	4	-	19	0.28
C15	Oesophagus	-	-	-	-	-	5	4	12	14	19	41	37	44	28	30	16	-	250	3.74
C16	Stomach	1	-	-	-	2	6	9	20	13	30	36	43	50	42	35	27	-	314	4.69
C17	Small Intestine	-	-	-	-	-	-	1	-	-	1	-	-	1	-	3	-	-	6	0.09
C18	Colon	-	-	-	-	1	1	3	4	8	12	13	8	11	12	9	9	-	91	1.36
C19-20	Rectum	-	-	-	1	3	6	2	15	5	17	14	11	17	13	11	15	-	130	1.94
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	2	2	4	1	5	4	6	-	25	0.37
C22	Liver	3	-	1	-	-	1	1	3	6	4	7	6	4	4	5	9	-	54	0.81
C23-24	Gallbladder etc.	-	-	-	1	-	-	2	4	5	6	6	9	9	5	5	6	-	58	0.87
C25	Pancreas	-	-	-	-	1	1	1	2	5	5	-	3	5	3	4	4	-	34	0.51
C30-31	Nose, Sinuses etc.	-	-	-	1	-	1	3	1	-	1	6	3	4	4	-	-	-	24	0.36
C32	Larynx	-	-	-	-	-	1	2	-	1	1	6	4	5	6	2	5	-	33	0.49
C33-34	Lung etc.	-	-	-	-	1	-	2	6	12	14	24	28	21	25	16	17	-	166	2.48
C37-38	Other Thoracic Organs	2	-	-	-	-	-	2	-	1	1	1	-	3	1	1	-	-	12	0.18
C40-41	Bone	-	4	6	14	4	4	5	5	3	-	5	3	4	2	-	4	-	63	0.94
C43	Melanoma of Skin	-	-	-	-	-	-	1	1	1	2	-	-	2	2	1	1	-	11	0.16
C44	Other Skin	-	-	-	-	1	4	2	5	1	7	6	4	10	3	4	7	-	54	0.81
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	0.03
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	2	3	3	3	4	3	3	3	6	5	3	1	5	4	-	2	-	50	0.75
C50	Breast	-	-	-	2	4	41	93	158	216	253	256	219	186	138	98	80	-	1744	26.07
C51	Vulva	-	-	-	-	-	-	1	-	2	1	1	2	5	4	4	2	-	22	0.33
C52	Vagina	-	-	-	-	-	-	-	3	3	7	6	9	6	6	4	1	-	45	0.67
C53	Cervix Uteri	-	-	-	-	3	14	32	98	150	214	231	191	212	128	82	64	-	1419	21.21
C54	Corpus Uteri	-	-	-	-	3	1	5	3	9	9	18	24	14	20	10	5	-	121	1.81
C55	Uterus Unspecified	-	-	-	-	-	-	-	-	1	-	3	4	2	-	4	1	-	15	0.22
C56	Ovary etc.	1	1	2	9	5	12	14	17	38	42	50	47	48	25	16	15	-	342	5.11
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	3	0.04
C58	Placenta	-	-	-	1	-	-	1	-	2	-	1	-	-	-	-	-	-	5	0.07
C64	Kidney etc.	4	4	1	-	1	-	1	6	1	4	5	7	4	5	3	-	-	46	0.69
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.01
C66	Ureter	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	3	0.04
C67	Bladder	1	-	-	-	-	-	1	-	3	4	5	5	7	9	12	6	-	53	0.79
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	3	0.04
C69	Eye	7	2	-	-	-	-	-	1	-	1	-	1	-	-	1	-	-	13	0.19
C70-72	Brain, Nervous System	2	7	7	8	8	3	9	9	12	12	14	5	2	12	5	5	-	120	1.79
C73	Thyroid	-	-	-	3	11	22	8	14	20	16	12	14	12	8	10	4	-	154	2.3
C74	Adrenal Gland	4	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	0.1
C77	Sec Lymph Nodes	-	-	1	-	-	-	2	4	2	1	7	3	5	6	-	3	-	34	0.51
C78	Sec Resp & Digestive	-	-	-	-	1	1	7	4	4	3	10	9	11	4	7	6	-	67	1
C79	Sec Others	-	-	1	1	1	-	1	3	1	3	4	4	6	1	3	1	-	30	0.45
C81	Hodgkins Disease	2	4	2	5	6	5	3	5	3	3	2	3	4	2	-	2	-	51	0.76
C82-85,C96	NHL	1	5	3	5	6	11	4	12	5	10	12	8	15	9	10	10	-	126	1.88
C90	Multiple Myeloma	-	1	-	-	-	1	1	6	1	3	2	4	5	6	4	1	-	35	0.52
C91	Lymphoid Leuk.	18	12	11	8	2	5	1	2	-	3	1	-	2	1	2	-	-	68	1.02
C92-94	Myeloid Leukaemia	3	3	2	5	6	5	9	13	6	6	10	8	5	6	2	3	-	92	1.38
C95	Leukaemia Uns	2	-	1	-	2	1	2	-	2	2	-	1	2	3	-	1	-	19	0.28
O&U	Other and Uns	-	-	-	1	2	6	5	6	9	8	9	6	9	7	8	10	-	86	1.29
	All Sites	53	48	43	70	82	175	257	470	614	787	913	817	865	628	473	394	-	6689	100

TABLE: CHN-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: 2001-2003 - Males
Chennai

ICD-10	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
C00	-	-	-	-	-	-	0.2	-	0.4	0.2	-	0.9	0.5	1.4	3.9	0.8	0.2	0.2	0.07	0.3
C01-02	-	-	-	-	0.1	0.7	3.0	3.2	4.4	12.1	12.9	20.8	18.7	23.0	23.5	16.8	4.6	5.2	0.30	11.0
C03-06	0.2	-	-	-	0.1	0.6	2.6	3.2	6.6	6.7	12.9	24.5	28.3	32.3	27.4	25.2	5.2	6.0	0.33	12.1
C07-8	-	-	0.3	0.3	0.3	0.6	0.5	0.2	0.7	0.5	0.9	0.9	2.0	1.4	2.0	1.7	0.5	0.5	0.09	0.8
C09	-	-	-	-	0.1	-	0.2	-	1.1	3.5	3.4	7.9	5.1	5.0	2.0	5.9	1.1	1.3	0.15	3.1
C10	-	-	-	-	-	-	0.2	0.4	1.3	2.0	3.1	4.6	6.6	10.8	4.9	3.4	1.1	1.3	0.16	2.6
C11	-	-	-	0.8	0.4	0.4	-	0.2	0.2	1.7	3.4	1.4	2.5	4.3	-	2.5	0.7	0.8	0.11	1.5
C12-13	-	-	-	-	0.6	0.7	1.0	1.3	3.7	5.7	11.4	24.5	16.7	20.8	17.6	16.0	3.7	4.3	0.28	9.2
C14	-	-	-	0.3	-	0.1	0.5	-	0.9	0.2	1.2	3.7	2.5	5.0	2.9	3.4	0.6	0.7	0.11	1.2
C15	-	-	-	-	0.1	0.1	0.3	1.8	5.1	9.2	24.3	32.8	43.5	47.4	43.1	44.6	7.0	8.4	0.39	16.9
C16	-	-	-	0.2	0.4	0.3	2.5	4.3	10.1	11.9	30.8	41.2	52.1	62.5	61.8	45.4	9.4	11.1	0.45	22.1
C17	-	-	-	-	-	-	0.2	0.2	-	0.5	0.3	0.5	0.5	1.4	-	0.8	0.1	0.2	0.05	0.3
C18	-	-	-	0.2	0.1	0.6	0.5	2.0	1.3	3.7	4.3	6.0	11.6	10.1	9.8	14.3	2.0	2.2	0.20	4.3
C19-20	-	-	-	0.3	1.1	1.2	1.5	1.6	1.8	2.5	6.5	6.5	11.1	18.7	13.7	29.4	2.8	3.1	0.23	4.4
C21	-	-	-	-	-	0.1	-	0.2	1.3	1.2	2.2	1.9	2.0	0.7	3.9	1.7	0.5	0.6	0.10	1.4
C22	-	0.2	-	0.3	0.6	0.3	0.5	0.7	2.9	5.0	7.1	11.1	10.1	17.2	14.7	10.1	2.5	2.9	0.23	5.5
C23-24	-	-	-	-	-	-	0.3	0.9	1.5	1.7	3.4	3.7	5.6	5.7	5.9	5.9	1.1	1.2	0.15	2.5
C25	-	-	-	-	0.3	0.1	-	0.5	0.9	1.7	3.4	7.9	5.6	5.0	3.9	5.0	1.1	1.3	0.15	2.9
C30-31	-	0.2	-	0.2	0.1	0.3	0.2	0.4	1.1	-	0.3	4.6	5.1	3.6	3.9	3.4	0.7	0.8	0.12	1.6
C32	-	0.2	-	-	-	0.4	0.5	1.3	2.4	3.2	13.5	17.6	26.8	23.0	24.5	19.3	3.7	4.5	0.29	9.2
C33-34	-	-	-	-	0.4	0.4	1.2	1.8	8.3	13.9	26.8	39.3	52.6	79.7	62.7	47.1	9.2	11.2	0.45	20.8
C37-38	-	-	-	-	-	0.3	-	0.2	-	0.2	0.6	1.9	1.0	1.4	1.0	1.7	0.3	0.3	0.07	0.6
C40-41	-	0.4	2.2	1.8	0.4	0.7	0.7	0.5	1.1	1.2	2.8	0.5	0.5	1.4	1.0	3.4	1.0	1.0	0.12	1.1
C43	-	-	0.2	-	-	0.1	-	0.2	0.2	0.2	0.6	0.5	1.0	2.9	3.9	0.8	0.3	0.3	0.08	0.4
C44	-	-	-	-	0.1	0.1	1.2	0.9	0.2	1.5	1.8	2.3	5.6	2.9	10.8	4.2	0.9	1.0	0.13	1.8
C45	-	-	-	-	-	-	-	0.2	-	0.5	0.3	-	1.0	1.4	1.0	0.8	0.1	0.2	0.06	0.3
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.6	0.4	0.3	0.3	0.4	0.4	0.7	0.7	0.9	2.0	1.5	1.9	3.0	5.0	2.9	5.9	1.0	1.1	0.14	1.6
C50	-	-	-	-	0.1	0.3	-	0.2	0.4	0.7	2.2	1.4	2.5	3.6	4.9	2.5	0.5	0.6	0.11	1.1
C60	-	-	-	-	-	0.1	0.7	1.8	2.6	4.2	4.3	5.1	8.6	7.9	4.9	12.6	1.7	1.9	0.18	4.1
C61	-	-	-	-	-	-	-	-	0.4	-	2.2	8.8	13.6	27.3	48.0	61.4	3.2	4.0	0.28	3.3
C62	0.2	0.2	0.5	0.3	0.4	0.9	1.0	1.3	1.8	1.0	1.2	1.9	-	2.2	1.0	1.7	0.8	0.8	0.11	1.2
C63	-	-	-	-	-	-	-	-	0.2	0.2	0.6	-	0.5	0.7	1.0	-	0.1	0.1	0.05	0.3
C64	1.7	0.6	-	-	0.4	0.1	0.5	0.4	1.3	1.7	3.7	3.2	3.0	5.0	5.9	4.2	1.1	1.3	0.16	2.1
C65	-	-	-	-	-	-	-	-	0.2	0.2	-	-	-	-	-	-	0.0	0.0	0.02	0.1
C66	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	-	0.0	0.0	0.02	0.1
C67	-	-	-	-	-	0.1	0.7	0.7	0.9	1.2	4.0	6.9	13.6	20.8	20.6	36.2	2.5	3.0	0.24	3.8
C68	-	-	-	-	-	-	-	-	0.2	-	-	0.5	0.5	0.7	-	-	0.1	0.1	0.04	0.2
C69	1.9	-	0.2	-	0.1	-	-	0.2	-	0.5	0.6	0.5	-	0.7	-	-	0.3	0.4	0.09	0.3
C70-72	1.9	1.7	1.3	2.0	0.9	2.0	2.6	2.7	1.8	4.7	6.2	7.9	9.6	6.5	6.9	3.4	2.9	3.0	0.23	5.0
C73	-	-	-	0.2	0.4	1.0	1.2	0.7	2.6	1.0	3.1	1.9	5.1	5.7	4.9	3.4	1.2	1.2	0.14	2.2
C74	0.6	0.2	0.3	-	-	-	-	-	-	-	0.3	-	-	-	-	-	0.1	0.1	0.06	0.0
C77	-	-	-	-	0.1	0.4	0.2	0.4	1.5	2.7	5.5	4.6	9.6	7.9	8.8	8.4	1.5	1.8	0.18	3.6
C78	-	-	-	0.2	-	0.3	0.8	0.4	1.1	2.7	5.2	6.0	6.6	10.8	9.8	10.9	1.6	1.8	0.18	3.3
C79	-	0.2	-	-	0.3	0.1	0.5	0.2	0.4	1.2	1.8	3.2	5.1	5.0	2.0	5.0	0.8	0.9	0.13	1.7
C81	0.6	3.7	1.8	1.2	1.1	1.0	0.5	0.9	0.9	1.7	1.8	2.3	1.0	-	1.0	1.7	1.3	1.4	0.15	1.4
C82-85,C96	1.3	2.1	1.3	1.5	2.4	3.2	2.1	2.2	2.6	5.0	7.4	13.4	9.6	16.5	17.6	16.8	3.9	4.3	0.27	6.0
C90	-	0.2	-	-	-	-	0.3	0.4	0.2	1.0	1.5	4.2	5.6	2.2	4.9	6.7	0.8	0.9	0.13	1.8
C91	5.2	5.4	3.3	0.6	0.6	0.9	1.2	0.7	1.1	0.2	1.8	3.2	2.5	0.7	5.9	0.8	1.9	2.3	0.21	1.4
C92-94	0.9	0.4	0.2	0.5	1.0	2.0	2.0	1.4	3.3	2.2	3.1	4.2	6.1	4.3	4.9	3.4	1.8	1.8	0.17	3.2
C95	0.4	0.6	0.2	0.3	0.6	0.3	0.5	0.4	0.4	0.5	0.3	1.4	2.0	1.4	1.0	2.5	0.5	0.6	0.10	0.7
O&U	-	0.2	0.2	0.6	0.3	0.9	1.5	1.6	2.0	1.7	4.9	5.6	6.1	7.9	14.7	12.6	1.9	2.1	0.19	3.3
All	15.7	16.8	12.3	11.9	14.8	22.5	34.4	43.1	84.6	127.5	241.4	355.7	432.7	532.3	521.5	513.8	91.9	106.4	1.37	190.1

TABLE: CHN-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: 2001-2003 - Females
Chennai

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	0.3	1.1	-	0.5	0.7	1.0	-	0.1	0.1	0.05	0.3
C01-02	-	-	-	-	-	-	0.4	0.2	1.3	3.7	6.0	9.1	10.5	6.2	12.7	5.7	1.6	2.0	0.19	4.5
C03-06	-	-	-	0.2	0.3	0.4	0.5	1.8	4.3	5.9	11.0	16.7	27.0	31.6	36.1	19.5	4.4	5.2	0.31	9.8
C07-8	-	-	-	0.2	-	0.8	0.7	0.2	1.0	-	0.7	-	2.0	1.4	-	0.8	0.4	0.4	0.08	0.6
C09	-	-	-	-	-	-	0.2	0.4	0.3	0.6	1.1	1.0	1.5	0.7	-	-	0.2	0.3	0.07	0.7
C10	-	-	-	-	-	-	-	-	0.5	-	-	1.0	-	-	-	2.4	0.1	0.1	0.04	0.2
C11	-	0.2	-	-	0.1	0.3	-	-	0.5	0.6	1.1	1.4	1.5	-	-	-	0.3	0.3	0.07	0.8
C12-13	-	-	-	-	-	0.4	0.7	1.1	2.5	3.4	7.8	4.8	9.5	6.9	5.9	4.1	1.6	1.9	0.18	4.5
C14	-	-	-	-	0.1	-	-	0.6	0.3	0.6	0.7	1.4	1.0	-	1.0	3.2	0.3	0.3	0.07	0.7
C15	-	-	-	-	-	0.7	0.7	2.2	3.5	5.4	14.5	17.6	22.0	19.2	29.3	13.0	3.9	4.5	0.29	9.6
C16	0.2	-	-	-	0.3	0.8	1.6	3.7	3.3	8.5	12.8	20.5	25.0	28.8	34.1	21.9	4.8	5.6	0.32	10.9
C17	-	-	-	-	-	-	0.2	-	-	0.3	-	-	0.5	-	2.9	-	0.1	0.1	0.04	0.1
C18	-	-	-	-	0.1	0.1	0.5	0.7	2.0	3.4	4.6	3.8	5.5	8.2	8.8	7.3	1.4	1.6	0.17	3.1
C19-20	-	-	-	0.2	0.4	0.8	0.4	2.8	1.3	4.8	5.0	5.2	8.5	8.9	10.7	12.2	2.0	2.2	0.20	4.3
C21	-	-	-	-	-	-	-	-	0.3	0.6	0.7	1.9	0.5	3.4	3.9	4.9	0.4	0.5	0.09	0.6
C22	0.7	-	0.2	-	-	0.1	0.2	0.6	1.5	1.1	2.5	2.9	2.0	2.7	4.9	7.3	0.8	1.0	0.13	1.6
C23-24	-	-	-	0.2	-	-	0.4	0.7	1.3	1.7	2.1	4.3	4.5	3.4	4.9	4.9	0.9	1.0	0.13	2.2
C25	-	-	-	-	0.1	0.1	0.2	0.4	1.3	1.4	-	1.4	2.5	2.1	3.9	3.2	0.5	0.6	0.10	1.1
C30-31	-	-	-	0.2	-	0.1	0.5	0.2	-	0.3	2.1	1.4	2.0	2.7	-	-	0.4	0.4	0.09	0.9
C32	-	-	-	-	-	0.1	0.4	-	0.3	0.3	2.1	1.9	2.5	4.1	2.0	4.1	0.5	0.6	0.10	1.0
C33-34	-	-	-	-	0.1	-	0.4	1.1	3.0	4.0	8.5	13.3	10.5	17.2	15.6	13.8	2.6	3.0	0.23	6.0
C37-38	0.4	-	-	-	-	-	0.4	-	0.3	0.3	0.4	-	1.5	0.7	1.0	-	0.2	0.2	0.07	0.4
C40-41	-	0.8	1.0	2.2	0.6	0.6	0.9	0.9	0.8	-	1.8	1.4	2.0	1.4	-	3.2	1.0	1.0	0.12	1.1
C43	-	-	-	-	-	-	0.2	0.2	0.3	0.6	-	-	1.0	1.4	1.0	0.8	0.2	0.2	0.06	0.3
C44	-	-	-	-	0.1	0.6	0.4	0.9	0.3	2.0	2.1	1.9	5.0	2.1	3.9	5.7	0.8	0.9	0.13	1.8
C45	-	-	-	-	-	-	-	-	-	-	-	1.0	-	-	-	-	0.0	0.0	0.03	0.1
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.4	0.6	0.5	0.5	0.6	0.4	0.5	0.6	1.5	1.4	1.1	0.5	2.5	2.7	-	1.6	0.8	0.8	0.12	1.2
C50	-	-	-	0.3	0.6	5.8	16.7	29.2	54.6	71.5	90.8	104.4	93.1	94.7	95.6	65.0	26.9	29.3	0.71	70.2
C51	-	-	-	-	-	-	0.2	-	0.5	0.3	0.4	1.0	2.5	2.7	3.9	1.6	0.3	0.4	0.09	0.7
C52	-	-	-	-	-	-	-	0.6	0.8	2.0	2.1	4.3	3.0	4.1	3.9	0.8	0.7	0.8	0.12	1.9
C53	-	-	-	-	0.4	2.0	5.8	18.1	37.9	60.4	81.9	91.0	106.1	87.9	80.0	52.0	21.9	24.8	0.67	61.2
C54	-	-	-	-	0.4	0.1	0.9	0.6	2.3	2.5	6.4	11.4	7.0	13.7	9.8	4.1	1.9	2.2	0.20	4.4
C55	-	-	-	-	-	-	-	-	0.3	-	1.1	1.9	1.0	-	3.9	0.8	0.2	0.3	0.07	0.6
C56	0.2	0.2	0.3	1.4	0.7	1.7	2.5	3.1	9.6	11.9	17.7	22.4	24.0	17.2	15.6	12.2	5.3	5.8	0.32	13.6
C57	-	-	-	-	-	-	-	-	-	0.3	-	0.5	-	-	-	0.8	0.0	0.1	0.03	0.1
C58	-	-	-	0.2	-	-	0.2	-	0.5	-	0.4	-	-	-	-	-	0.1	0.1	0.03	0.2
C64	0.9	0.8	0.2	-	0.1	-	0.2	1.1	0.3	1.1	1.8	3.3	2.0	3.4	2.9	-	0.7	0.8	0.13	1.5
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.8	0.0	0.0	0.02	-
C66	-	-	-	-	-	-	-	0.4	-	-	-	0.5	-	-	-	-	0.0	0.0	0.02	0.1
C67	0.2	-	-	-	-	-	0.2	-	0.8	1.1	1.8	2.4	3.5	6.2	11.7	4.9	0.8	1.0	0.14	1.4
C68	-	-	-	-	-	-	-	-	-	0.3	0.4	0.5	-	-	-	-	0.0	0.1	0.03	0.2
C69	1.5	0.4	-	-	-	-	-	0.2	-	0.3	-	0.5	-	-	1.0	-	0.2	0.3	0.08	0.2
C70-72	0.4	1.4	1.2	1.3	1.1	0.4	1.6	1.7	3.0	3.4	5.0	2.4	1.0	8.2	4.9	4.1	1.8	1.9	0.18	2.8
C73	-	-	-	0.5	1.5	3.1	1.4	2.6	5.1	4.5	4.3	6.7	6.0	5.5	9.8	3.2	2.4	2.4	0.20	4.7
C74	0.9	0.2	0.3	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.06	-
C77	-	-	0.2	-	-	-	0.4	0.7	0.5	0.3	2.5	1.4	2.5	4.1	-	2.4	0.5	0.6	0.10	1.2
C78	-	-	-	-	0.1	0.1	1.3	0.7	1.0	0.8	3.5	4.3	5.5	2.7	6.8	4.9	1.0	1.1	0.14	2.3
C79	-	-	0.2	0.2	0.1	-	0.2	0.6	0.3	0.8	1.4	1.9	3.0	0.7	2.9	0.8	0.5	0.5	0.10	1.2
C81	0.4	0.8	0.3	0.8	0.8	0.7	0.5	0.9	0.8	0.8	0.7	1.4	2.0	1.4	-	1.6	0.8	0.8	0.11	1.0
C82-85,C96	0.2	1.0	0.5	0.8	0.8	1.5	0.7	2.2	1.3	2.8	4.3	3.8	7.5	6.2	9.8	8.1	1.9	2.1	0.19	3.4
C90	-	0.2	-	-	-	0.1	0.2	1.1	0.3	0.8	0.7	1.9	2.5	4.1	3.9	0.8	0.5	0.6	0.10	1.1
C91	4.0	2.4	1.9	1.3	0.3	0.7	0.2	0.4	-	0.8	0.4	-	1.0	0.7	2.0	-	1.0	1.3	0.16	0.4
C92-94	0.7	0.6	0.3	0.8	0.8	0.7	1.6	2.4	1.5	1.7	3.5	3.8	2.5	4.1	2.0	2.4	1.4	1.4	0.16	2.5
C95	0.4	-	0.2	-	0.3	0.1	0.4	-	0.5	0.6	-	0.5	1.0	2.1	-	0.8	0.3	0.3	0.08	0.4
O&U	-	-	-	0.2	0.3	0.8	0.9	1.1	2.3	2.3	3.2	2.9	4.5	4.8	7.8	8.1	1.3	1.4	0.16	2.6
All	11.7	9.6	7.4	11.2	11.5	24.6	46.3	86.8	155.2	222.3	323.7	389.5	432.9	431.0	461.3	320.1	103.1	115.2	1.43	248.2

TABLE: CHN-5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis: 2001-2003 - Males
Chennai

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	12	85.7	-	-	2	14.3	-	-	-	-	14	100
C01-02	Tongue	261	83.9	-	-	47	15.1	-	-	3	1	311	100
C03-06	Mouth	287	81.8	-	-	61	17.4	-	-	3	0.9	351	100
C07-8	Salivary Gland	26	76.5	-	-	5	14.7	3	8.8	-	-	34	100
C09	Tonsil	65	86.7	-	-	7	9.3	-	-	3	4	75	100
C10	Oth. Oropharynx	66	89.2	-	-	6	8.1	1	1.4	1	1.4	74	100
C11	Nasopharynx	45	93.8	-	-	3	6.3	-	-	-	-	48	100
C12-13	Hypopharynx	226	90	-	-	22	8.8	1	0.4	2	0.8	251	100
C14	Pharynx Unspecified	32	76.2	-	-	2	4.8	2	4.8	6	14.3	42	100
C15	Oesophagus	372	78.6	8	1.7	4	0.8	76	16.1	13	2.7	473	100
C16	Stomach	452	71.2	1	0.2	13	2	147	23.1	22	3.5	635	100
C17	Small Intestine	6	60	1	10	-	-	2	20	1	10	10	100
C18	Colon	98	74.2	1	0.8	1	0.8	28	21.2	4	3	132	100
C19-20	Rectum	161	86.6	-	-	5	2.7	17	9.1	3	1.6	186	100
C21	Anus & Anal Canal	30	85.7	-	-	2	5.7	3	8.6	-	-	35	100
C22	Liver	114	68.3	-	-	-	-	47	28.1	6	3.6	167	100
C23-24	Gallbladder etc.	42	58.3	1	1.4	-	-	29	40.3	-	-	72	100
C25	Pancreas	29	39.7	-	-	1	1.4	43	58.9	-	-	73	100
C30-31	Nose, Sinuses etc.	42	89.4	1	2.1	4	8.5	-	-	-	-	47	100
C32	Larynx	232	91.7	-	-	11	4.3	7	2.8	3	1.2	253	100
C33-34	Lung etc.	374	59.9	112	17.9	8	1.3	115	18.4	15	2.4	624	100
C37-38	Other Thoracic Organs	10	58.8	4	23.5	-	-	3	17.6	-	-	17	100
C40-41	Bone	52	74.3	-	-	1	1.4	16	22.9	1	1.4	70	100
C43	Melanoma of Skin	19	100	-	-	-	-	-	-	-	-	19	100
C44	Other Skin	62	98.4	-	-	-	-	1	1.6	-	-	63	100
C45	Mesothelioma	10	100	-	-	-	-	-	-	-	-	10	100
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	66	98.5	-	-	-	-	1	1.5	-	-	67	100
C50	Breast	31	83.8	1	2.7	3	8.1	1	2.7	1	2.7	37	100
C60	Penis	98	83.8	-	-	19	16.2	-	-	-	-	117	100
C61	Prostate	156	72.6	-	-	8	3.7	47	21.9	4	1.9	215	100
C62	Testis	50	90.9	-	-	1	1.8	4	7.3	-	-	55	100
C63	Other Male Genital	6	85.7	-	-	1	14.3	-	-	-	-	7	100
C64	Kidney etc.	64	84.2	-	-	-	-	12	15.8	-	-	76	100
C65	Renal Pelvis	1	50	-	-	-	-	1	50	-	-	2	100
C66	Ureter	1	100	-	-	-	-	-	-	-	-	1	100
C67	Bladder	115	69.3	-	-	2	1.2	46	27.7	3	1.8	166	100
C68	Uns.Urinary Organs	4	100	-	-	-	-	-	-	-	-	4	100
C69	Eye	18	100	-	-	-	-	-	-	-	-	18	100
C70-72	Brain, Nervous System	145	75.1	-	-	1	0.5	43	22.3	4	2.1	193	100
C73	Thyroid	65	82.3	2	2.5	1	1.3	11	13.9	-	-	79	100
C74	Adrenal Gland	7	100	-	-	-	-	-	-	-	-	7	100
C77	Sec Lymph Nodes	79	77.5	-	-	15	14.7	7	6.9	1	1	102	100
C78	Sec Resp & Digestive	31	29	5	4.7	1	0.9	67	62.6	3	2.8	107	100
C79	Sec Others	19	35.8	4	7.5	-	-	30	56.6	-	-	53	100
C81	Hodgkins Disease	90	98.9	-	-	-	-	-	-	1	1.1	91	100
C82-85,C96	NHL	261	98.9	-	-	1	0.4	-	-	2	0.8	264	100
C90	Multiple Myeloma	50	98	-	-	-	-	-	-	1	2	51	100
C91	Lymphoid Leuk.	129	100	-	-	-	-	-	-	-	-	129	100
C92-94	Myeloid Leukaemia	120	99.2	-	-	-	-	-	-	1	0.8	121	100
C95	Leukaemia Uns	31	83.8	-	-	-	-	-	-	6	16.2	37	100
O&U	Other and Uns	47	36.4	-	-	16	12.4	16	12.4	50	38.8	129	100
	All Sites	4,809	77.4	141	2.3	274	4.4	827	13.3	163	2.6	6,214	100

TABLE: CHN-5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis : 2001-2003 - Females
Chennai

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	3	42.9	-	-	4	57.1	-	-	-	-	7	100
C01-02	Tongue	80	74.8	-	-	26	24.3	-	-	1	0.9	107	100
C03-06	Mouth	232	81.7	-	-	48	16.9	-	-	4	1.4	284	100
C07-8	Salivary Gland	16	64	-	-	7	28	2	8	-	-	25	100
C09	Tonsil	14	93.3	-	-	1	6.7	-	-	-	-	15	100
C10	Oth. Oropharynx	6	85.7	-	-	1	14.3	-	-	-	-	7	100
C11	Nasopharynx	16	94.1	-	-	1	5.9	-	-	-	-	17	100
C12-13	Hypopharynx	96	89.7	-	-	8	7.5	2	1.9	1	0.9	107	100
C14	Pharynx Unspecified	16	84.2	-	-	1	5.3	1	5.3	1	5.3	19	100
C15	Oesophagus	211	84.4	4	1.6	2	0.8	29	11.6	4	1.6	250	100
C16	Stomach	213	67.8	1	0.3	4	1.3	82	26.1	14	4.5	314	100
C17	Small Intestine	3	50	-	-	-	-	3	50	-	-	6	100
C18	Colon	75	82.4	-	-	-	-	14	15.4	2	2.2	91	100
C19-20	Rectum	106	81.5	-	-	5	3.8	16	12.3	3	2.3	130	100
C21	Anus & Anal Canal	22	88	-	-	-	-	3	12	-	-	25	100
C22	Liver	33	61.1	-	-	-	-	19	35.2	2	3.7	54	100
C23-24	Gallbladder etc.	34	58.6	-	-	1	1.7	23	39.7	-	-	58	100
C25	Pancreas	14	41.2	-	-	1	2.9	15	44.1	4	11.8	34	100
C30-31	Nose, Sinuses etc.	17	70.8	1	4.2	4	16.7	2	8.3	-	-	24	100
C32	Larynx	28	84.8	-	-	1	3	-	-	4	12.1	33	100
C33-34	Lung etc.	104	62.7	27	16.3	1	0.6	28	16.9	6	3.6	166	100
C37-38	Other Thoracic Organs	9	75	2	16.7	-	-	1	8.3	-	-	12	100
C40-41	Bone	46	73	1	1.6	1	1.6	15	23.8	-	-	63	100
C43	Melanoma of Skin	11	100	-	-	-	-	-	-	-	-	11	100
C44	Other Skin	54	100	-	-	-	-	-	-	-	-	54	100
C45	Mesothelioma	2	100	-	-	-	-	-	-	-	-	2	100
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	48	96	-	-	-	-	2	4	-	-	50	100
C50	Breast	1,585	90.9	-	-	125	7.2	6	0.3	28	1.6	1,744	100
C51	Vulva	20	90.9	-	-	2	9.1	-	-	-	-	22	100
C52	Vagina	42	93.3	-	-	3	6.7	-	-	-	-	45	100
C53	Cervix Uteri	1,275	89.9	-	-	119	8.4	9	0.6	16	1.1	1,419	100
C54	Corpus Uteri	109	90.1	-	-	-	-	9	7.4	3	2.5	121	100
C55	Uterus Unspecified	11	73.3	-	-	2	13.3	1	6.7	1	6.7	15	100
C56	Ovary etc.	253	74	-	-	14	4.1	65	19	10	2.9	342	100
C57	Other Female Genital	1	33.3	-	-	-	-	2	66.7	-	-	3	100
C58	Placenta	4	80	-	-	1	20	-	-	-	-	5	100
C64	Kidney etc.	36	78.3	-	-	1	2.2	8	17.4	1	2.2	46	100
C65	Renal Pelvis	1	100	-	-	-	-	-	-	-	-	1	100
C66	Ureter	3	100	-	-	-	-	-	-	-	-	3	100
C67	Bladder	37	69.8	-	-	1	1.9	12	22.6	3	5.7	53	100
C68	Uns.Urinary Organs	3	100	-	-	-	-	-	-	-	-	3	100
C69	Eye	13	100	-	-	-	-	-	-	-	-	13	100
C70-72	Brain, Nervous System	86	71.7	-	-	-	-	31	25.8	3	2.5	120	100
C73	Thyroid	127	82.5	-	-	3	1.9	22	14.3	2	1.3	154	100
C74	Adrenal Gland	7	100	-	-	-	-	-	-	-	-	7	100
C77	Sec Lymph Nodes	23	67.6	-	-	8	23.5	3	8.8	-	-	34	100
C78	Sec Resp & Digestive	24	35.8	-	-	1	1.5	41	61.2	1	1.5	67	100
C79	Sec Others	17	56.7	-	-	-	-	13	43.3	-	-	30	100
C81	Hodgkins Disease	50	98	-	-	-	-	-	-	1	2	51	100
C82-85,C96	NHL	123	97.6	-	-	-	-	-	-	3	2.4	126	100
C90	Multiple Myeloma	35	100	-	-	-	-	-	-	-	-	35	100
C91	Lymphoid Leuk.	68	100	-	-	-	-	-	-	-	-	68	100
C92-94	Myeloid Leukaemia	91	98.9	-	-	-	-	-	-	1	1.1	92	100
C95	Leukaemia Uns	14	73.7	-	-	-	-	-	-	5	26.3	19	100
O&U	Other and Uns	27	31.4	-	-	4	4.7	12	14	43	50	86	100
	All Sites	5,594	83.6	36	0.5	401	6	491	7.3	167	2.5	6,689	100

TABLE: CHN-6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Males : Chennai

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	12	85.7	-	-	-	-	-	-	-	-	2	14.3	14	100
C01-02	Tongue	258	83	1	0.3	2	0.6	-	-	-	-	50	16.1	311	100
C03-06	Mouth	287	81.8	-	-	-	-	-	-	-	-	64	18.2	351	100
C07-8	Salivary Gland	24	70.6	1	2.9	1	2.9	-	-	-	-	8	23.5	34	100
C09	Tonsil	65	86.7	-	-	-	-	-	-	-	-	10	13.3	75	100
C10	Oth. Oropharynx	66	89.2	-	-	-	-	-	-	-	-	8	10.8	74	100
C11	Nasopharynx	37	77.1	6	12.5	2	4.2	-	-	-	-	3	6.3	48	100
C12-13	Hypopharynx	221	88	5	2	-	-	-	-	-	-	25	10	251	100
C14	Pharynx Unspecified	31	73.8	-	-	1	2.4	-	-	-	-	10	23.8	42	100
C15	Oesophagus	368	77.8	3	0.6	1	0.2	-	-	-	-	101	21.4	473	100
C16	Stomach	447	70.4	4	0.6	1	0.2	-	-	-	-	183	28.8	635	100
C17	Small Intestine	6	60	-	-	-	-	-	-	-	-	4	40	10	100
C18	Colon	98	74.2	-	-	-	-	-	-	-	-	34	25.8	132	100
C19-20	Rectum	161	86.6	-	-	-	-	-	-	-	-	25	13.4	186	100
C21	Anus & Anal Canal	30	85.7	-	-	-	-	-	-	-	-	5	14.3	35	100
C22	Liver	112	67.1	-	-	2	1.2	-	-	-	-	53	31.7	167	100
C23-24	Gallbladder etc.	38	52.8	2	2.8	2	2.8	-	-	-	-	30	41.7	72	100
C25	Pancreas	28	38.4	1	1.4	-	-	-	-	-	-	44	60.3	73	100
C30-31	Nose, Sinuses etc.	42	89.4	-	-	-	-	-	-	-	-	5	10.6	47	100
C32	Larynx	226	89.3	4	1.6	2	0.8	-	-	-	-	21	8.3	253	100
C33-34	Lung etc.	308	49.4	23	3.7	43	6.9	-	-	-	-	250	40.1	624	100
C37-38	Other Thoracic Organs	8	47.1	-	-	2	11.8	-	-	-	-	7	41.2	17	100
C40-41	Bone	50	71.4	-	-	2	2.9	-	-	-	-	18	25.7	70	100
C43	Melanoma of Skin	18	94.7	1	5.3	-	-	-	-	-	-	-	-	19	100
C44	Other Skin	61	96.8	-	-	1	1.6	-	-	-	-	1	1.6	63	100
C45	Mesothelioma	8	80	1	10	1	10	-	-	-	-	-	-	10	100
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	65	97	-	-	1	1.5	-	-	-	-	1	1.5	67	100
C50	Breast	29	78.4	-	-	2	5.4	-	-	-	-	6	16.2	37	100
C60	Penis	96	82.1	1	0.9	1	0.9	-	-	-	-	19	16.2	117	100
C61	Prostate	152	70.7	3	1.4	1	0.5	-	-	-	-	59	27.4	215	100
C62	Testis	49	89.1	1	1.8	-	-	-	-	-	-	5	9.1	55	100
C63	Other Male Genital	6	85.7	-	-	-	-	-	-	-	-	1	14.3	7	100
C64	Kidney etc.	64	84.2	-	-	-	-	-	-	-	-	12	15.8	76	100
C65	Renal Pelvis	1	50	-	-	-	-	-	-	-	-	1	50	2	100
C66	Ureter	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C67	Bladder	112	67.5	-	-	3	1.8	-	-	-	-	51	30.7	166	100
C68	Uns. Urinary Organs	4	100	-	-	-	-	-	-	-	-	-	-	4	100
C69	Eye	18	100	-	-	-	-	-	-	-	-	-	-	18	100
C70-72	Brain, Nervous System	143	74.1	1	0.5	1	0.5	-	-	-	-	48	24.9	193	100
C73	Thyroid	58	73.4	1	1.3	6	7.6	-	-	-	-	14	17.7	79	100
C74	Adrenal Gland	7	100	-	-	-	-	-	-	-	-	-	-	7	100
C77	Sec Lymph Nodes	-	-	67	65.7	12	11.8	-	-	-	-	23	22.5	102	100
C78	Sec Resp & Digestive	-	-	27	25.2	4	3.7	-	-	-	-	76	71	107	100
C79	Sec Others	-	-	17	32.1	2	3.8	-	-	-	-	34	64.2	53	100
C81	Hodgkins Disease	90	98.9	-	-	-	-	-	-	-	-	1	1.1	91	100
C82-85,C96	NHL	260	98.5	-	-	1	0.4	-	-	-	-	3	1.1	264	100
C90	Multiple Myeloma	4	7.8	-	-	-	-	-	-	46	90.2	1	2	51	100
C91	Lymphoid Leuk.	6	4.7	-	-	1	0.8	-	-	122	94.6	-	-	129	100
C92-94	Myeloid Leukaemia	3	2.5	-	-	-	-	1	0.8	116	95.9	1	0.8	121	100
C95	Leukaemia Uns	1	2.7	-	-	-	-	-	-	30	81.1	6	16.2	37	100
O&U	Other and Uns	43	33.3	2	1.6	2	1.6	-	-	-	-	82	63.6	129	100
	All Sites	4,222	67.9	172	2.8	100	1.6	1	0	314	5.1	1,405	22.6	6,214	100

TABLE: CHN-6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Females : Chennai

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	3	42.9	-	-	-	-	-	-	-	-	4	57.1	7	100
C01-02	Tongue	79	73.8	-	-	1	0.9	-	-	-	-	27	25.2	107	100
C03-06	Mouth	231	81.3	1	0.4	-	-	-	-	-	-	52	18.3	284	100
C07-8	Salivary Gland	14	56	-	-	2	8	-	-	-	-	9	36	25	100
C09	Tonsil	13	86.7	1	6.7	-	-	-	-	-	-	1	6.7	15	100
C10	Oth. Oropharynx	6	85.7	-	-	-	-	-	-	-	-	1	14.3	7	100
C11	Nasopharynx	14	82.4	2	11.8	-	-	-	-	-	-	1	5.9	17	100
C12-13	Hypopharynx	94	87.9	-	-	2	1.9	-	-	-	-	11	10.3	107	100
C14	Pharynx Unspecified	16	84.2	-	-	-	-	-	-	-	-	3	15.8	19	100
C15	Oesophagus	209	83.6	1	0.4	1	0.4	-	-	-	-	39	15.6	250	100
C16	Stomach	205	65.3	7	2.2	1	0.3	-	-	-	-	101	32.2	314	100
C17	Small Intestine	3	50	-	-	-	-	-	-	-	-	3	50	6	100
C18	Colon	72	79.1	3	3.3	-	-	-	-	-	-	16	17.6	91	100
C19-20	Rectum	106	81.5	-	-	-	-	-	-	-	-	24	18.5	130	100
C21	Anus & Anal Canal	22	88	-	-	-	-	-	-	-	-	3	12	25	100
C22	Liver	32	59.3	1	1.9	-	-	-	-	-	-	21	38.9	54	100
C23-24	Gallbladder etc.	32	55.2	1	1.7	1	1.7	-	-	-	-	24	41.4	58	100
C25	Pancreas	13	38.2	1	2.9	-	-	-	-	-	-	20	58.8	34	100
C30-31	Nose, Sinuses etc.	16	66.7	-	-	1	4.2	-	-	-	-	7	29.2	24	100
C32	Larynx	28	84.8	-	-	-	-	-	-	-	-	5	15.2	33	100
C33-34	Lung etc.	80	48.2	4	2.4	20	12	-	-	-	-	62	37.3	166	100
C37-38	Other Thoracic Organs	8	66.7	-	-	1	8.3	-	-	-	-	3	25	12	100
C40-41	Bone	46	73	-	-	-	-	-	-	-	-	17	27	63	100
C43	Melanoma of Skin	11	100	-	-	-	-	-	-	-	-	-	-	11	100
C44	Other Skin	54	100	-	-	-	-	-	-	-	-	-	-	54	100
C45	Mesothelioma	2	100	-	-	-	-	-	-	-	-	-	-	2	100
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	47	94	1	2	-	-	-	-	-	-	2	4	50	100
C50	Breast	1,441	82.6	9	0.5	135	7.7	-	-	-	-	159	9.1	1,744	100
C51	Vulva	20	90.9	-	-	-	-	-	-	-	-	2	9.1	22	100
C52	Vagina	42	93.3	-	-	-	-	-	-	-	-	3	6.7	45	100
C53	Cervix Uteri	1,268	89.4	3	0.2	4	0.3	-	-	-	-	144	10.1	1,419	100
C54	Corpus Uteri	109	90.1	-	-	-	-	-	-	-	-	12	9.9	121	100
C55	Uterus Unspecified	11	73.3	-	-	-	-	-	-	-	-	4	26.7	15	100
C56	Ovary etc.	214	62.6	8	2.3	31	9.1	-	-	-	-	89	26	342	100
C57	Other Female Genital	1	33.3	-	-	-	-	-	-	-	-	2	66.7	3	100
C58	Placenta	4	80	-	-	-	-	-	-	-	-	1	20	5	100
C64	Kidney etc.	36	78.3	-	-	-	-	-	-	-	-	10	21.7	46	100
C65	Renal Pelvis	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C66	Ureter	3	100	-	-	-	-	-	-	-	-	-	-	3	100
C67	Bladder	36	67.9	-	-	1	1.9	-	-	-	-	16	30.2	53	100
C68	Uns.Urinary Organs	3	100	-	-	-	-	-	-	-	-	-	-	3	100
C69	Eye	13	100	-	-	-	-	-	-	-	-	-	-	13	100
C70-72	Brain, Nervous System	85	70.8	1	0.8	-	-	-	-	-	-	34	28.3	120	100
C73	Thyroid	119	77.3	3	1.9	5	3.2	-	-	-	-	27	17.5	154	100
C74	Adrenal Gland	7	100	-	-	-	-	-	-	-	-	-	-	7	100
C77	Sec Lymph Nodes	-	-	21	61.8	2	5.9	-	-	-	-	11	32.4	34	100
C78	Sec Resp & Digestive	-	-	19	28.4	5	7.5	-	-	-	-	43	64.2	67	100
C79	Sec Others	-	-	16	53.3	1	3.3	-	-	-	-	13	43.3	30	100
C81	Hodgkins Disease	49	96.1	-	-	1	2	-	-	-	-	1	2	51	100
C82-85,C96	NHL	123	97.6	-	-	-	-	-	-	-	-	3	2.4	126	100
C90	Multiple Myeloma	-	-	-	-	-	-	-	-	35	100	-	-	35	100
C91	Lymphoid Leuk.	1	1.5	-	-	-	-	1	1.5	66	97.1	-	-	68	100
C92-94	Myeloid Leukaemia	-	-	-	-	1	1.1	-	-	90	97.8	1	1.1	92	100
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	14	73.7	5	26.3	19	100
O&U	Other and Uns	24	27.9	-	-	3	3.5	-	-	-	-	59	68.6	86	100
	All Sites	5,066	75.7	103	1.5	219	3.3	1	0	205	3.1	1,095	16.4	6,689	100

**TABLE CHN-7 (a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Chennai

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	1	-	4	0.15
C01-02	Tongue	-	-	-	-	-	1	2	11	6	16	17	18	14	16	13	9	-	123	4.71
C03-06	Mouth	-	-	-	-	-	1	3	3	8	4	18	19	23	23	11	8	-	121	4.64
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-	-	3	0.11
C09	Tonsil	-	-	-	-	1	-	-	-	1	6	8	7	3	-	1	4	-	31	1.19
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	1	2	5	2	3	4	5	-	-	22	0.84
C11	Nasopharynx	-	-	-	-	-	2	1	-	-	3	1	1	4	3	-	2	-	17	0.65
C12-13	Hypopharynx	-	-	-	-	-	3	2	5	6	16	19	24	15	16	11	8	-	125	4.79
C14	Pharynx Unspecified	-	-	-	-	-	1	-	-	-	-	2	2	6	4	2	2	-	19	0.73
C15	Oesophagus	-	-	-	-	-	1	2	5	10	15	43	39	45	29	21	25	-	235	9
C16	Stomach	-	-	-	-	1	2	7	12	21	24	44	43	59	47	36	26	-	322	12.34
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	3	0.11
C18	Colon	-	-	-	1	-	2	-	2	4	4	3	6	4	3	6	10	-	45	1.72
C19-20	Rectum	-	-	-	1	2	1	2	-	2	3	6	6	3	6	1	15	-	48	1.84
C21	Anus & Anal Canal	-	-	-	-	-	-	-	1	1	1	-	1	-	1	1	-	-	6	0.23
C22	Liver	-	-	-	-	5	2	2	2	7	6	11	16	14	15	10	7	-	97	3.72
C23-24	Gallbladder etc.	-	-	-	-	-	-	-	2	3	3	8	3	3	3	-	5	-	30	1.15
C25	Pancreas	-	-	-	-	1	-	-	3	2	6	8	8	5	2	-	2	-	37	1.42
C30-31	Nose, Sinuses etc.	-	-	-	1	-	-	-	-	-	1	-	1	3	-	4	-	-	10	0.38
C32	Larynx	-	-	-	-	1	-	2	1	6	7	17	20	18	16	11	10	-	109	4.18
C33-34	Lung etc.	-	-	-	-	3	1	3	3	12	27	50	47	57	48	42	29	-	322	12.34
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	1	-	1	1	1	-	-	1	1	-	6	0.23
C40-41	Bone	-	1	2	1	-	1	-	1	1	1	3	1	-	1	1	2	-	16	0.61
C43	Melanoma of Skin	-	-	-	-	-	1	-	-	-	1	1	-	-	-	-	-	-	3	0.11
C44	Other Skin	-	-	-	-	-	-	-	-	2	3	2	3	1	3	4	-	-	18	0.69
C45	Mesothelioma	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	1	-	4	0.15
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	-	-	-	2	1	-	2	2	-	1	3	-	-	2	-	13	0.5
C50	Breast	-	-	-	-	-	-	-	-	-	2	3	-	1	1	1	1	-	9	0.34
C60	Penis	-	-	-	-	-	1	1	-	3	1	4	2	3	2	-	3	-	20	0.77
C61	Prostate	-	-	-	-	-	-	-	-	-	-	3	7	14	13	18	50	-	105	4.02
C62	Testis	-	-	-	-	-	1	-	2	1	2	1	3	1	1	-	1	-	13	0.5
C63	Other Male Genital	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	3	0.11
C64	Kidney etc.	-	-	-	-	-	-	-	1	2	2	4	-	5	2	4	4	-	24	0.92
C65	Renal Pelvis	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	0.04
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	2	1	4	2	5	7	10	13	12	14	-	70	2.68
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0.04
C70-72	Brain, Nervous System	-	2	2	3	3	1	2	2	6	9	10	10	7	5	2	1	-	65	2.49
C73	Thyroid	-	-	-	-	-	-	-	-	1	1	1	-	5	1	3	2	-	14	0.54
C74	Adrenal Gland	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	0.08
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	1	1	1	-	3	1	1	1	-	9	0.34
C78	Sec Resp & Digestive	-	-	-	-	-	1	1	1	1	4	4	2	2	3	1	4	-	24	0.92
C79	Sec Others	-	-	-	-	1	-	1	-	-	-	1	1	-	-	-	-	-	4	0.15
C81	Hodgkins Disease	1	-	-	2	1	-	-	-	2	4	1	3	1	-	1	1	-	17	0.65
C82-85,C96	NHL	2	2	-	3	6	6	3	4	3	6	9	13	6	15	11	11	-	100	3.83
C90	Multiple Myeloma	-	1	-	-	-	-	1	2	2	2	2	4	4	2	1	4	-	25	0.96
C91	Lymphoid Leuk.	5	3	7	1	2	3	1	2	4	-	2	-	3	1	2	-	-	36	1.38
C92-94	Myeloid Leukaemia	2	1	1	2	2	5	3	2	7	4	5	8	8	5	3	4	-	62	2.38
C95	Leukaemia Uns	-	1	-	2	3	2	3	1	2	-	1	2	4	-	1	2	-	24	0.92
O&U	Other and Uns	1	-	-	1	-	7	4	8	9	16	30	23	26	23	19	26	-	193	7.39
	All Sites	12	11	12	18	33	48	49	79	145	209	357	357	388	331	262	299	-	2610	100

TABLE CHN-7 (b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Females

% = Relative Proportion of Cancers of All Sites.

Chennai

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.05
C01-02	Tongue	-	-	-	-	-	-	-	-	1	3	6	5	5	5	4	1	-	30	1.43
C03-06	Mouth	-	-	-	-	2	1	-	2	3	8	10	10	14	6	10	6	-	72	3.42
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	0.1
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	0.1
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1	-	3	0.14
C11	Nasopharynx	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	2	0.1
C12-13	Hypopharynx	-	-	-	-	1	2	3	4	1	2	10	3	4	4	3	-	-	37	1.76
C14	Pharynx Unspecified	-	-	-	-	1	-	-	1	-	1	1	1	-	1	-	4	-	10	0.48
C15	Oesophagus	-	-	-	-	-	2	-	6	6	6	16	24	16	11	11	9	-	107	5.09
C16	Stomach	-	-	-	-	1	3	4	14	5	19	18	22	26	24	19	18	-	173	8.23
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	Colon	-	-	-	-	-	-	1	-	3	6	1	2	4	8	5	7	-	37	1.76
C19-20	Rectum	-	-	-	-	1	3	-	3	1	6	2	5	7	2	2	9	-	41	1.95
C21	Anus & Anal Canal	-	-	-	-	-	-	-	1	-	-	1	-	1	-	3	2	-	8	0.38
C22	Liver	2	-	-	-	-	-	-	-	4	4	4	4	3	4	3	8	-	36	1.71
C23-24	Gallbladder etc.	-	-	-	-	-	-	2	2	2	3	3	2	5	2	4	2	-	27	1.28
C25	Pancreas	-	-	-	-	1	-	-	1	1	3	1	2	2	2	1	2	-	16	0.76
C30-31	Nose, Sinuses etc.	-	-	-	-	-	-	-	-	-	1	2	-	2	-	-	-	-	5	0.24
C32	Larynx	-	-	-	-	-	-	-	-	1	-	3	2	1	-	1	3	-	11	0.52
C33-34	Lung etc.	-	-	-	-	-	-	1	2	4	8	11	10	12	8	8	12	-	76	3.61
C37-38	Other Thoracic Organs	-	-	-	-	-	-	1	-	-	1	1	-	1	-	1	-	-	5	0.24
C40-41	Bone	-	-	2	1	-	-	-	-	-	-	-	1	-	1	-	1	-	6	0.29
C43	Melanoma of Skin	-	-	-	-	-	-	1	1	-	-	-	-	-	-	1	-	-	3	0.14
C44	Other Skin	-	-	-	-	-	-	-	1	-	1	-	-	2	1	1	2	-	8	0.38
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	1	1	1	-	1	-	2	2	3	1	1	3	1	-	-	-	17	0.81
C50	Breast	-	-	-	1	-	12	9	27	45	66	53	58	52	32	30	29	-	414	19.69
C51	Vulva	-	-	-	-	-	-	-	-	1	-	-	-	1	2	2	1	-	7	0.33
C52	Vagina	-	-	-	-	-	-	-	1	-	2	2	2	3	3	1	1	-	15	0.71
C53	Cervix Uteri	-	-	-	-	1	1	10	29	35	59	66	60	68	35	35	23	-	422	20.07
C54	Corpus Uteri	-	-	-	-	-	1	1	-	1	1	5	7	4	5	2	3	-	30	1.43
C55	Uterus Unspecified	-	-	-	-	-	-	1	-	-	-	-	1	2	-	3	2	-	9	0.43
C56	Ovary etc.	-	-	-	1	-	2	2	6	11	15	12	16	14	14	13	8	-	114	5.42
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.05
C64	Kidney etc.	-	-	1	-	-	-	-	2	-	2	-	1	-	3	-	-	-	9	0.43
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	0.05
C67	Bladder	-	-	-	-	-	-	-	-	2	1	-	2	3	2	3	3	-	16	0.76
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
C70-72	Brain, Nervous System	-	3	1	2	4	2	-	5	3	1	2	2	-	4	2	2	-	33	1.57
C73	Thyroid	-	-	1	-	-	1	-	-	3	1	1	5	1	2	1	2	-	18	0.86
C74	Adrenal Gland	2	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	0.19
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	-	-	2	-	-	1	-	1	-	4	0.19
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	1	-	-	2	-	3	2	-	3	-	11	0.52
C79	Sec Others	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	0.1
C81	Hodgkins Disease	-	-	-	1	1	2	1	1	-	-	1	-	1	-	-	1	-	9	0.43
C82-85,C96	NHL	-	1	2	1	4	4	1	3	-	4	3	1	5	6	3	6	-	44	2.09
C90	Multiple Myeloma	-	1	-	-	-	-	-	2	-	-	1	2	-	3	1	-	-	10	0.48
C91	Lymphoid Leuk.	1	4	6	3	-	1	-	-	-	2	-	-	1	1	-	-	-	19	0.9
C92-94	Myeloid Leukaemia	2	-	3	4	2	2	3	6	6	4	7	5	3	3	1	1	-	52	2.47
C95	Leukaemia Uns	2	-	1	1	2	1	1	-	2	2	1	1	2	1	-	1	-	18	0.86
O&U	Other and Uns	-	-	-	1	1	5	3	6	8	10	12	13	16	7	9	13	-	104	4.95
	All Sites	11	11	20	18	23	46	45	130	153	245	264	270	290	206	183	188	-	2103	100

TABLE: CHN-8(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: 2001-2003 - Males
Chennai

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	0.2	-	0.5	-	0.7	-	0.8	0.1	0.1	0.04	0.1
C01-02	-	-	-	-	-	0.1	0.3	2.0	1.3	4.0	5.2	8.3	7.1	11.5	12.7	7.6	1.8	2.1	0.19	4.2
C03-06	-	-	-	-	-	0.1	0.5	0.5	1.8	1.0	5.5	8.8	11.6	16.5	10.8	6.7	1.8	2.2	0.20	4.2
C07-8	-	-	-	-	-	-	-	-	-	-	0.3	0.5	-	0.7	-	-	0.0	0.1	0.03	0.1
C09	-	-	-	-	0.1	-	-	-	0.2	1.5	2.5	3.2	1.5	-	1.0	3.4	0.5	0.5	0.09	1.3
C10	-	-	-	-	-	-	-	-	0.2	0.5	1.5	0.9	1.5	2.9	4.9	-	0.3	0.4	0.09	0.7
C11	-	-	-	-	-	0.3	0.2	-	-	0.7	0.3	0.5	2.0	2.2	-	1.7	0.3	0.3	0.07	0.5
C12-13	-	-	-	-	-	0.4	0.3	0.9	1.3	4.0	5.8	11.1	7.6	11.5	10.8	6.7	1.8	2.2	0.20	4.5
C14	-	-	-	-	-	0.1	-	-	-	-	0.6	0.9	3.0	2.9	2.0	1.7	0.3	0.4	0.08	0.6
C15	-	-	-	-	-	0.1	0.3	0.9	2.2	3.7	13.2	18.0	22.7	20.8	20.6	21.0	3.5	4.2	0.28	8.7
C16	-	-	-	-	0.1	0.3	1.2	2.2	4.6	5.9	13.5	19.9	29.8	33.8	35.3	21.9	4.8	5.7	0.32	11.1
C17	-	-	-	-	-	-	-	-	-	-	-	0.5	0.5	-	-	0.8	0.0	0.1	0.03	0.1
C18	-	-	-	0.2	-	0.3	-	0.4	0.9	1.0	0.9	2.8	2.0	2.2	5.9	8.4	0.7	0.8	0.11	1.2
C19-20	-	-	-	0.2	0.3	0.1	0.3	-	0.4	0.7	1.8	2.8	1.5	4.3	1.0	12.6	0.7	0.8	0.12	1.1
C21	-	-	-	-	-	-	-	0.2	0.2	0.2	-	0.5	-	0.7	1.0	-	0.1	0.1	0.04	0.2
C22	-	-	-	-	0.7	0.3	0.3	0.4	1.5	1.5	3.4	7.4	7.1	10.8	9.8	5.9	1.4	1.7	0.17	3.1
C23-24	-	-	-	-	-	-	-	0.4	0.7	0.7	2.5	1.4	1.5	2.2	-	4.2	0.4	0.5	0.09	1.1
C25	-	-	-	-	0.1	-	-	0.5	0.4	1.5	2.5	3.7	2.5	1.4	-	1.7	0.5	0.6	0.10	1.7
C30-31	-	-	-	0.2	-	-	-	-	-	0.2	-	0.5	1.5	-	3.9	-	0.1	0.2	0.06	0.3
C32	-	-	-	-	0.1	-	0.3	0.2	1.3	1.7	5.2	9.3	9.1	11.5	10.8	8.4	1.6	1.9	0.19	3.8
C33-34	-	-	-	-	0.4	0.1	0.5	0.5	2.6	6.7	15.4	21.7	28.8	34.5	41.2	24.4	4.8	5.8	0.33	10.9
C37-38	-	-	-	-	-	-	-	0.2	-	0.2	0.3	0.5	-	-	1.0	0.8	0.1	0.1	0.04	0.2
C40-41	-	0.2	0.3	0.2	-	0.1	-	0.2	0.2	0.2	0.9	0.5	-	0.7	1.0	1.7	0.2	0.3	0.06	0.3
C43	-	-	-	-	-	0.1	-	-	-	0.2	0.3	-	-	-	-	-	0.0	0.0	0.02	0.1
C44	-	-	-	-	-	-	-	-	0.4	0.7	0.6	1.4	0.5	2.2	3.9	-	0.3	0.3	0.08	0.6
C45	-	-	-	-	-	-	-	0.2	-	-	-	-	0.5	0.7	-	0.8	0.1	0.1	0.04	0.1
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	-	-	-	-	-	0.3	0.2	-	0.4	0.5	-	0.5	1.5	-	-	1.7	0.2	0.2	0.06	0.4
C50	-	-	-	-	-	-	-	-	-	0.5	0.9	-	0.5	0.7	1.0	0.8	0.1	0.2	0.05	0.3
C60	-	-	-	-	-	0.1	0.2	-	0.7	0.2	1.2	0.9	1.5	1.4	-	2.5	0.3	0.3	0.07	0.7
C61	-	-	-	-	-	-	-	-	-	-	0.9	3.2	7.1	9.3	17.6	42.0	1.6	1.9	0.19	1.5
C62	-	-	-	-	-	0.1	-	0.4	0.2	0.5	0.3	1.4	0.5	0.7	-	0.8	0.2	0.2	0.06	0.5
C63	-	-	-	-	-	-	-	-	0.2	-	0.3	-	-	-	1.0	-	0.0	0.0	0.03	0.1
C64	-	-	-	-	-	-	-	0.2	0.4	0.5	1.2	-	2.5	1.4	3.9	3.4	0.4	0.4	0.09	0.7
C65	-	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	0.3	0.2	0.9	0.5	1.5	3.2	5.1	9.3	11.8	11.8	1.0	1.3	0.15	1.6
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.01	-
C70-72	-	0.4	0.3	0.5	0.4	0.1	0.3	0.4	1.3	2.2	3.1	4.6	3.5	3.6	2.0	0.8	1.0	1.1	0.13	2.3
C73	-	-	-	-	-	-	-	-	0.2	0.2	0.3	-	2.5	0.7	2.9	1.7	0.2	0.3	0.07	0.5
C74	0.2	-	-	-	-	-	-	-	-	-	0.3	-	-	-	-	-	0.0	0.0	0.03	0.0
C77	-	-	-	-	-	-	-	-	0.2	0.2	0.3	-	1.5	0.7	1.0	0.8	0.1	0.2	0.05	0.3
C78	-	-	-	-	-	0.1	0.2	0.2	0.2	1.0	1.2	0.9	1.0	2.2	1.0	3.4	0.4	0.4	0.08	0.7
C79	-	-	-	-	0.1	-	0.2	-	-	-	0.3	0.5	-	-	-	-	0.1	0.1	0.03	0.1
C81	0.2	-	-	0.3	0.1	-	-	-	0.4	1.0	0.3	1.4	0.5	-	1.0	0.8	0.3	0.3	0.07	0.6
C82-85,C96	0.4	0.4	-	0.5	0.9	0.9	0.5	0.7	0.7	1.5	2.8	6.0	3.0	10.8	10.8	9.3	1.5	1.7	0.17	2.2
C90	-	0.2	-	-	-	-	0.2	0.4	0.4	0.5	0.6	1.9	2.0	1.4	1.0	3.4	0.4	0.4	0.09	0.8
C91	1.1	0.6	1.2	0.2	0.3	0.4	0.2	0.4	0.9	-	0.6	-	1.5	0.7	2.0	-	0.5	0.6	0.10	0.5
C92-94	0.4	0.2	0.2	0.3	0.3	0.7	0.5	0.4	1.5	1.0	1.5	3.7	4.0	3.6	2.9	3.4	0.9	1.0	0.13	1.8
C95	-	0.2	-	0.3	0.4	0.3	0.5	0.2	0.4	-	0.3	0.9	2.0	-	1.0	1.7	0.4	0.4	0.08	0.5
O&U	0.2	-	-	0.2	-	1.0	0.7	1.4	2.0	4.0	9.2	10.6	13.1	16.5	18.6	21.9	2.9	3.3	0.24	6.0
All	2.6	2.1	2.0	2.7	4.7	6.9	8.1	14.2	31.9	51.8	109.8	165.1	196.1	237.8	256.8	251.5	38.6	45.5	0.90	83.3

TABLE: CHN-8(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: 2001-2003 - Females
Chennai

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	-	-	0.0	0.0	0.02	0.1
C01-02	-	-	-	-	-	-	-	-	0.3	0.8	2.1	2.4	2.5	3.4	3.9	0.8	0.5	0.6	0.10	1.2
C03-06	-	-	-	-	0.3	0.1	-	0.4	0.8	2.3	3.5	4.8	7.0	4.1	9.8	4.9	1.1	1.3	0.15	2.7
C07-8	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	0.8	0.0	0.0	0.02	0.1
C09	-	-	-	-	-	-	-	-	-	-	0.4	-	0.5	-	-	-	0.0	0.0	0.03	0.1
C10	-	-	-	-	-	-	-	-	0.5	-	-	-	-	-	-	0.8	0.0	0.0	0.03	0.1
C11	-	-	-	0.2	-	-	-	-	-	-	-	-	0.5	-	-	-	0.0	0.0	0.02	0.1
C12-13	-	-	-	-	0.1	0.3	0.5	0.7	0.3	0.6	3.5	1.4	2.0	2.7	2.9	-	0.6	0.6	0.10	1.3
C14	-	-	-	-	0.1	-	-	0.2	-	0.3	0.4	0.5	-	0.7	-	3.2	0.2	0.2	0.05	0.2
C15	-	-	-	-	-	0.3	-	1.1	1.5	1.7	5.7	11.4	8.0	7.5	10.7	7.3	1.6	1.9	0.19	4.3
C16	-	-	-	-	0.1	0.4	0.7	2.6	1.3	5.4	6.4	10.5	13.0	16.5	18.5	14.6	2.7	3.1	0.24	5.8
C17	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C18	-	-	-	-	-	-	0.2	-	0.8	1.7	0.4	1.0	2.0	5.5	4.9	5.7	0.6	0.7	0.11	0.9
C19-20	-	-	-	-	0.1	0.4	-	0.6	0.3	1.7	0.7	2.4	3.5	1.4	2.0	7.3	0.6	0.7	0.11	1.4
C21	-	-	-	-	-	-	-	0.2	-	-	0.4	-	0.5	-	2.9	1.6	0.1	0.1	0.05	0.2
C22	0.4	-	-	-	-	-	-	-	1.0	1.1	1.4	1.9	1.5	2.7	2.9	6.5	0.6	0.7	0.11	1.1
C23-24	-	-	-	-	-	-	0.4	0.4	0.5	0.8	1.1	1.0	2.5	1.4	3.9	1.6	0.4	0.5	0.09	1.0
C25	-	-	-	-	0.1	-	-	0.2	0.3	0.8	0.4	1.0	1.0	1.4	1.0	1.6	0.2	0.3	0.07	0.6
C30-31	-	-	-	-	-	-	-	-	-	0.3	0.7	-	1.0	-	-	-	0.1	0.1	0.04	0.3
C32	-	-	-	-	-	-	-	-	0.3	-	1.1	1.0	0.5	-	1.0	2.4	0.2	0.2	0.06	0.4
C33-34	-	-	-	-	-	-	0.2	0.4	1.0	2.3	3.9	4.8	6.0	5.5	7.8	9.7	1.2	1.4	0.16	2.7
C37-38	-	-	-	-	-	-	0.2	-	-	0.3	0.4	-	0.5	-	1.0	-	0.1	0.1	0.04	0.2
C40-41	-	-	0.3	0.2	-	-	-	-	-	-	-	0.5	-	0.7	-	0.8	0.1	0.1	0.04	0.1
C43	-	-	-	-	-	-	0.2	0.2	-	-	-	-	-	-	1.0	-	0.0	0.0	0.02	0.0
C44	-	-	-	-	-	-	-	0.2	-	0.3	-	-	1.0	0.7	1.0	1.6	0.1	0.1	0.05	0.2
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	-	0.2	0.2	0.2	-	0.1	-	0.4	0.5	0.8	0.4	0.5	1.5	0.7	-	-	0.3	0.3	0.07	0.6
C50	-	-	-	0.2	-	1.7	1.6	5.0	11.4	18.6	18.8	27.6	26.0	22.0	29.3	23.6	6.4	7.1	0.36	16.7
C51	-	-	-	-	-	-	-	-	0.3	-	-	-	0.5	1.4	2.0	0.8	0.1	0.1	0.05	0.1
C52	-	-	-	-	-	-	-	0.2	-	0.6	0.7	1.0	1.5	2.1	1.0	0.8	0.2	0.3	0.07	0.6
C53	-	-	-	-	0.1	0.1	1.8	5.4	8.8	16.7	23.4	28.6	34.0	24.0	34.1	18.7	6.5	7.4	0.37	17.8
C54	-	-	-	-	-	0.1	0.2	-	0.3	0.3	1.8	3.3	2.0	3.4	2.0	2.4	0.5	0.5	0.10	1.1
C55	-	-	-	-	-	-	0.2	-	-	-	-	0.5	1.0	-	2.9	1.6	0.1	0.2	0.05	0.2
C56	-	-	-	0.2	-	0.3	0.4	1.1	2.8	4.2	4.3	7.6	7.0	9.6	12.7	6.5	1.8	2.0	0.19	4.1
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	-	-	-	-	-	-	0.4	-	-	-	-	-	0.0	0.0	0.02	0.1
C64	-	-	0.2	-	-	-	-	0.4	-	0.6	-	0.5	-	2.1	-	-	0.1	0.2	0.05	0.2
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	0.2	-	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C67	-	-	-	-	-	-	-	-	0.5	0.3	-	1.0	1.5	1.4	2.9	2.4	0.2	0.3	0.07	0.5
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.1	0.04	-
C70-72	-	0.6	0.2	0.3	0.6	0.3	-	0.9	0.8	0.3	0.7	1.0	-	2.7	2.0	1.6	0.5	0.5	0.09	0.6
C73	-	-	0.2	-	-	0.1	-	-	0.8	0.3	0.4	2.4	0.5	1.4	1.0	1.6	0.3	0.3	0.08	0.6
C74	0.4	0.2	0.2	-	-	-	-	-	-	-	-	-	-	-	-	-	0.1	0.1	0.05	-
C77	-	-	-	-	-	-	-	-	-	-	0.7	-	-	0.7	-	0.8	0.1	0.1	0.04	0.1
C78	-	-	-	-	-	-	-	0.2	-	-	0.7	-	1.5	1.4	-	2.4	0.2	0.2	0.06	0.3
C79	-	-	0.2	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.02	-
C81	-	-	-	0.2	0.1	0.3	0.2	0.2	-	-	0.4	-	0.5	-	-	0.8	0.1	0.1	0.04	0.2
C82-85,C96	-	0.2	0.3	0.2	0.6	0.6	0.2	0.6	-	1.1	1.1	0.5	2.5	4.1	2.9	4.9	0.7	0.7	0.11	0.9
C90	-	0.2	-	-	-	-	-	0.4	-	-	0.4	1.0	-	2.1	1.0	-	0.2	0.2	0.06	0.3
C91	0.2	0.8	1.0	0.5	-	0.1	-	-	-	0.6	-	-	0.5	0.7	-	-	0.3	0.3	0.08	0.2
C92-94	0.4	-	0.5	0.6	0.3	0.3	0.5	1.1	1.5	1.1	2.5	2.4	1.5	2.1	1.0	0.8	0.8	0.8	0.12	1.6
C95	0.4	-	0.2	0.2	0.3	0.1	0.2	-	0.5	0.6	0.4	0.5	1.0	0.7	-	0.8	0.3	0.3	0.07	0.5
O&U	-	-	-	0.2	0.1	0.7	0.5	1.1	2.0	2.8	4.3	6.2	8.0	4.8	8.8	10.6	1.6	1.8	0.18	3.7
All	2.4	2.2	3.5	2.9	3.2	6.5	8.1	24.0	38.7	69.2	93.6	128.7	145.1	141.4	178.5	152.7	32.4	36.8	0.81	76.0

TABLE CHN-9(a): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003:
Males - Chennai

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.01	0.01	0.04	0.04
C01-02	Tongue	0.38	0.38	0.61	0.61
C03-06	Mouth	0.43	0.43	0.73	0.73
C07-8	Salivary Gland	0.04	0.04	0.05	0.05
C09	Tonsil	0.11	0.11	0.14	0.14
C10	Oth. Oropharynx	0.09	0.09	0.17	0.17
C11	Nasopharynx	0.06	0.06	0.08	0.08
C12-13	Hypopharynx	0.33	0.33	0.52	0.52
C14	Pharynx Unspecified	0.05	0.05	0.09	0.09
C15	Oesophagus	0.59	0.58	1.04	1.03
C16	Stomach	0.77	0.77	1.39	1.38
C17	Small Intestine	0.01	0.01	0.02	0.02
C18	Colon	0.15	0.15	0.25	0.25
C19-20	Rectum	0.17	0.17	0.33	0.33
C21	Anus & Anal Canal	0.04	0.04	0.07	0.07
C22	Liver	0.19	0.19	0.35	0.35
C23-24	Gallbladder etc.	0.09	0.09	0.14	0.14
C25	Pancreas	0.10	0.10	0.15	0.15
C30-31	Nose, Sinuses etc.	0.06	0.06	0.10	0.10
C32	Larynx	0.33	0.33	0.57	0.57
C33-34	Lung etc.	0.72	0.72	1.44	1.43
C37-38	Other Thoracic Organs	0.02	0.02	0.03	0.03
C40-41	Bone	0.06	0.06	0.08	0.08
C43	Melanoma of Skin	0.02	0.02	0.05	0.05
C44	Other Skin	0.07	0.07	0.14	0.14
C45	Mesothelioma	0.01	0.01	0.02	0.02
C46	Kaposi Sarcoma	-	-	-	-
C47+C49	Conn. & Soft Tissue	0.07	0.07	0.11	0.11
C50	Breast	0.04	0.04	0.08	0.08
C60	Penis	0.14	0.14	0.20	0.20
C61	Prostate	0.13	0.13	0.50	0.50
C62	Testis	0.05	0.05	0.07	0.07
C63	Other Male Genital	0.01	0.01	0.02	0.02
C64	Kidney etc.	0.08	0.08	0.14	0.14
C65	Renal Pelvis	0.00	0.00	0.00	0.00
C66	Ureter	0.00	0.00	0.00	0.00
C67	Bladder	0.14	0.14	0.35	0.35
C68	Uns.Urinary Organs	0.01	0.01	0.01	0.01
C69	Eye	0.02	0.02	0.02	0.02
C70-72	Brain, Nervous System	0.23	0.23	0.29	0.29
C73	Thyroid	0.09	0.09	0.14	0.14
C74	Adrenal Gland	0.01	0.01	0.01	0.01
C77	Sec Lymph Nodes	0.13	0.13	0.21	0.21
C78	Sec Resp & Digestive	0.12	0.12	0.22	0.22
C79	Sec Others	0.07	0.07	0.10	0.10
C81	Hodgkins Disease	0.09	0.09	0.10	0.10
C82-85,C96	NHL	0.27	0.27	0.44	0.44
C90	Multiple Myeloma	0.07	0.07	0.10	0.10
C91	Lymphoid Leuk.	0.13	0.13	0.17	0.17
C92-94	Myeloid Leukaemia	0.14	0.14	0.18	0.18
C95	Leukaemia Uns	0.04	0.04	0.05	0.05
O&U	Other and Uns	0.13	0.13	0.24	0.24
	All Sites	7.07	6.82	12.34	11.61

TABLE CHN-9(b): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003: Females - Chennai

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.01	0.01	0.02	0.02
C01-02	Tongue	0.16	0.16	0.25	0.25
C03-06	Mouth	0.34	0.34	0.68	0.68
C07-8	Salivary Gland	0.03	0.03	0.04	0.04
C09	Tonsil	0.02	0.02	0.03	0.03
C10	Oth. Oropharynx	0.01	0.01	0.01	0.01
C11	Nasopharynx	0.03	0.03	0.03	0.03
C12-13	Hypopharynx	0.15	0.15	0.21	0.21
C14	Pharynx Unspecified	0.02	0.02	0.03	0.03
C15	Oesophagus	0.33	0.33	0.58	0.57
C16	Stomach	0.38	0.38	0.70	0.70
C17	Small Intestine	0.00	0.00	0.02	0.02
C18	Colon	0.10	0.10	0.19	0.19
C19-20	Rectum	0.15	0.15	0.24	0.24
C21	Anus & Anal Canal	0.02	0.02	0.06	0.06
C22	Liver	0.06	0.06	0.10	0.10
C23-24	Gallbladder etc.	0.08	0.08	0.12	0.12
C25	Pancreas	0.04	0.04	0.07	0.07
C30-31	Nose, Sinuses etc.	0.03	0.03	0.05	0.05
C32	Larynx	0.04	0.04	0.07	0.07
C33-34	Lung etc.	0.20	0.20	0.37	0.37
C37-38	Other Thoracic Organs	0.02	0.02	0.02	0.02
C40-41	Bone	0.06	0.06	0.07	0.07
C43	Melanoma of Skin	0.01	0.01	0.02	0.02
C44	Other Skin	0.07	0.07	0.10	0.10
C45	Mesothelioma	0.00	0.00	0.00	0.00
C46	Kaposi Sarcoma	-	-	-	-
C47 + C49	Conn. & Soft Tissue	0.06	0.06	0.07	0.07
C50	Breast	2.33	2.31	3.29	3.23
C51	Vulva	0.02	0.02	0.06	0.06
C52	Vagina	0.06	0.06	0.10	0.10
C53	Cervix Uteri	2.02	2.00	2.86	2.82
C54	Corpus Uteri	0.16	0.16	0.28	0.28
C55	Uterus Unspecified	0.02	0.02	0.04	0.04
C56	Ovary etc.	0.48	0.48	0.64	0.64
C57	Other Female Genital	0.00	0.00	0.00	0.00
C58	Placenta	0.01	0.01	0.01	0.01
C64	Kidney etc.	0.06	0.06	0.09	0.09
C65	Renal Pelvis	-	-	-	-
C66	Ureter	0.00	0.00	0.00	0.00
C67	Bladder	0.05	0.05	0.14	0.14
C68	Uns.Urinary Organs	0.01	0.01	0.01	0.01
C69	Eye	0.01	0.01	0.02	0.02
C70-72	Brain, Nervous System	0.12	0.12	0.19	0.19
C73	Thyroid	0.18	0.18	0.25	0.25
C74	Adrenal Gland	0.01	0.01	0.01	0.01
C77	Sec Lymph Nodes	0.04	0.04	0.06	0.06
C78	Sec Resp & Digestive	0.09	0.09	0.14	0.14
C79	Sec Others	0.04	0.04	0.06	0.06
C81	Hodgkins Disease	0.06	0.06	0.06	0.06
C82-85,C96	NHL	0.14	0.14	0.22	0.22
C90	Multiple Myeloma	0.04	0.04	0.08	0.08
C91	Lymphoid Leuk.	0.07	0.07	0.08	0.08
C92-94	Myeloid Leukaemia	0.11	0.11	0.14	0.14
C95	Leukaemia Uns	0.02	0.02	0.03	0.03
O&U	Other and Uns	0.09	0.09	0.15	0.15
	All Sites	8.66	8.30	13.13	12.30

POPULATION BASED CANCER REGISTRY, DELHI Dr. B.R. Ambedkar Institute Rotary Cancer Hospital, All India Institute of Medical Sciences, New Delhi.

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The population based cancer registry at Dr. B.R. Ambedkar Institute Rotary Cancer Hospital (IRCH), All India Institute of Medical Sciences (AIIMS), New Delhi was established in January 1986 with the aim of obtaining reliable morbidity and mortality data on cancer among the Delhi Urban residents so as to assess and control the impact of malignant disease in the community.

The Union Territory of Delhi, the capital of India, covering an area of 1483 sq. kms is a densely populated urban metropolis situated between the Himalayas and the Aravalli range in the heart of Indian sub-continent. It lies between 28° 25' and 28°53' north altitude and 76°50' and 73°20' east longitude. The Delhi state for the purpose of census was divided into (i) New Delhi Municipal Corporation (Urban) (ii) New Delhi Municipal Committee, (iii) Delhi Cantonment and (iv) 20 Census towns and (v) Rural areas.

According to 2001 census the population of Delhi was 1,37,82,976 with 3.81% annual growth rate and 46.31% decennial growth rate during 1991-2001. The sex ratio in Delhi is 821 females per 1000 males. The literacy rate is 82% (males-87%, females-75%). The density of population is 9294 persons per square kms.

Delhi has multi religion and multi lingual population representing every state in the union, approximately 82% being Hindus, 11% Muslims, 4% Sikhs and 3% others.

As per population census 2001 the total area of Delhi is 1483 sq. kms and its rural and urban composition are 591.91 sq. kms and 891.09 sq. kms respectively.

As per 2001 census, the population in Delhi UT Urban and rural as on March 1, 2001 was 1,28,19,761 and 9,63,215 respectively.

The Delhi PBCR covers an urban area of 891.09 sq. kms of Delhi Municipal Corporation, New Delhi Municipal Committee and Delhi Cantonment and 29 census towns.

The registry collects morbidity and mortality data on cancer patients from 160 major Government Hospital / Centres / Institutions, more than 250 private hospitals and nursing homes and from the department of Vital Statistics of the Delhi Municipal Corporation, New Delhi Municipal Committee and the Cantonment Board.

Medical Social Service Officers (MSSO) visits various hospitals and nursing homes and interviews the patients who are either undergoing cancer treatment or being investigated for cancer at radiotherapy departments. They also examine the case records maintained by various departments of these hospitals viz. pathology, hematology, and radiology etc., All the information collected is crosschecked for completeness of the data. Sometimes same patient may register his / her name in more than one hospital for treatment. So care has been taken to exclude duplicates and ensure that each patient is included only once in the records. The main criteria for registration is that the cases should have been residing in Delhi for at least one year at the time of first diagnosis of cancer.

MSSO's also personally visit the offices of New Delhi Municipal Committee and Municipal Corporation of Delhi and collect information about deaths where the death certificates states the cause of death as cancer or tumours. These death records are then matched with the morbidity records. Cases not matching with the records are registered as Death Certificate only cases (DCO's) in that corresponding year.

The estimated population of Delhi Urban area as on July 1, 2002 was 1,36,50,863. Among them 74,98,567(55%) were males and 61,52,296(45%) were females.

During the period 2001-03, a total of 31,156 incidence cases were registered with 16,112 (52%) males and 15,044 (48%) females. The average crude rate (CR), age adjusted incidence rate (AAR) for world population and truncated rate (TR) were 71.6, 114.9 and 200.7 among males and 81.5, 116.5 and 251.5 among females respectively per 100,000 persons.

The common sites of cancers among males were lung (10.5%), larynx (5.9%), tongue (5.4%), prostate (5.3%) and NHL (5.1%). Among females breast cancer (25.1%) was the predominant type of cancer followed by cervix uteri (14.9%), ovary (7.1%), gall bladder (5.8%), corpus uteri (3.3%).

The reliability of data and quality of the registration has been improved. During the year 2001-03 the percentage of microscopically confirmed cases was 82% and the proportion of cases diagnosed / registered through death certificates only was 1.3%.

Registry staff faced a lot of problem in collecting the death information from Vital statistics division of NDMC and MCD. The death registration system is not being maintained properly and the information available is often inadequate. So there is a dearth in the mortality data. Now efforts are being made to improve the system by conducting meetings with NDMC and MCD officials.

The registry publishes yearly / biennial report regularly. The registry data has been widely used by the Government for National Cancer Control Programme and researchers in the field of cancer.

Efforts are also now being made by the Delhi Cancer Registry to make cancer as a 'Notifiable Disease'.

Registry Staff (PBCR)

Dr. Vinod Raina MD, FRCP	: Head
Dr. B.B.Tyagi M.Sc., Ph.D.	: Scientist - IV
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Mr. Ashok Kumar M.S.W.	: Medical Social Service Officer-Gr. I
Mr. Ratnesh Kumar M.S.W.	: Medical Social Service Officer-Gr.I
Mr. S.P. Bhadola M.A.	: Medical Social Service Officer-Gr.II
Ms. Gayatri Sharma M.A.	: Medical Social Service Officer-Gr.II
Ms. Indu Gaur M.S.W.	: Medical Social Service Officer-Gr.II
Mr. S.K. Rai M.S.W.	: Medical Social Service Officer-Gr.II
Ms. Sudha Saxena M.A.	: Medical Social Service Officer-Gr.II
Mr. C.P. Singh Yadav M.S.W.	: Medical Social Service Officer-Gr.II
Mr. Anand Kumar Sharma	: Medical Social Service Officer-Gr.II
Ms. Garima Negi	: Lower Division Clerk

Figure DEL-1

Population Pyramid showing Age Distribution: 2001-2003

Delhi

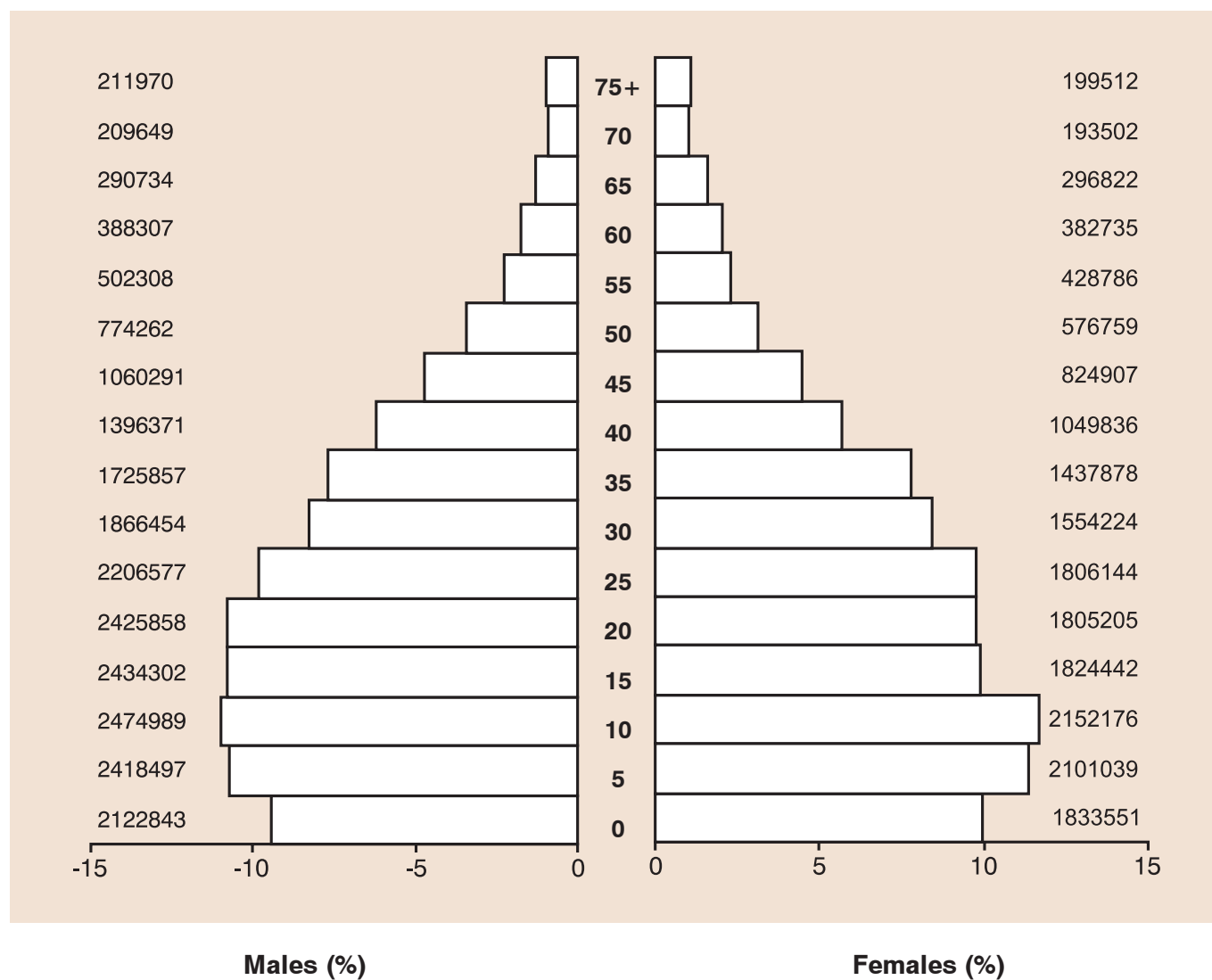


TABLE: DEL - 1**Population by Five Year Age Group and Gender: 2001-2003***Number and Relative Proportion (%)***Delhi**

Age Group	MALES		FEMALES	
	Number	%	Number	%
0-4	2122843	9.43	1833551	9.93
5-9	2418497	10.74	2101039	11.38
10-14	2474989	11.00	2152176	11.65
15-19	2434302	10.81	1824442	9.88
20-24	2425858	10.78	1805205	9.78
25-29	2206577	9.80	1806144	9.78
30-34	1866454	8.29	1554224	8.42
35-39	1725857	7.67	1437878	7.79
40-44	1396371	6.20	1049836	5.68
45-49	1060291	4.71	824907	4.47
50-54	774262	3.44	576759	3.12
55-59	502308	2.23	428786	2.32
60-64	388307	1.73	382735	2.07
65-69	290734	1.29	296822	1.61
70-74	209649	0.93	193502	1.05
75+	211970	0.94	199512	1.08
	22509269	100.00	18467516	100.00

TABLE : DEL- 2
Main Sources of Registration of Incident Cases of Cancer : 2001-2003
Delhi

Name of the Institution	Number	%
AIIMS/IRCH	5510	17.69
Rajiv Gandhi C.H.	5357	17.19
CRC/MAMC/LNJP	3891	12.49
Safdarjung	3026	9.71
Gangaram	1871	6.01
Batra	1586	5.09
Dharamshila H.	1495	4.80
RMLH	1275	4.09
UCMS/GTB	933	2.99
LHMC/KSH	686	2.20
Others	657	2.11
Apollo H.	586	1.88
GB Pant	579	1.86
ESI	536	1.72
St.Stephen	425	1.36
Deen Dayal	351	1.13
AIIMS/IRCH	314	1.01
Anand Hospital	304	0.98
Holy Family	264	0.85
Others	1510	4.85
Total	31156	100.00

1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 2001-2003.
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 DEL-3 (a): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Males

% = Relative Proportion of Cancers of All Sites.

Delhi

ICD-10	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+	Unkn	Total	%
C00	Lip	0	0	1	0	0	1	1	4	1	8	2	1	5	2	2	3	0	31	0.19
C01-02	Tongue	0	0	2	0	3	14	14	43	87	105	121	131	132	89	60	65	10	876	5.44
C03-06	Mouth	0	1	0	5	3	12	23	33	55	72	74	62	81	57	29	29	5	541	3.36
C07-8	Salivary Gland	1	2	1	3	10	6	7	4	11	13	13	12	13	11	13	4	0	124	0.77
C09	Tonsil	0	4	0	2	0	2	8	14	24	36	53	33	32	20	16	15	5	264	1.64
C10	Oth. Oropharynx	1	0	0	0	0	1	3	2	6	20	18	13	19	12	13	5	0	113	0.70
C11	Nasopharynx	0	1	7	6	6	5	5	10	4	11	13	12	12	5	4	1	0	102	0.63
C12-13	Hypopharynx	0	0	1	0	1	6	3	6	12	26	49	49	57	39	41	24	6	320	1.99
C14	Pharynx Unspecified	0	0	0	0	1	1	2	1	7	5	7	9	10	0	3	5	0	51	0.32
C15	Oesophagus	0	0	0	0	1	5	10	23	43	53	99	101	94	62	53	55	6	605	3.75
C16	Stomach	0	1	0	1	3	7	6	25	38	41	69	55	63	39	39	32	6	425	2.64
C17	Small Intestine	0	0	0	1	2	1	1	2	6	7	3	2	6	2	0	2	0	35	0.22
C18	Colon	1	0	0	2	4	5	11	37	38	46	45	33	46	34	24	27	2	355	2.20
C19-20	Rectum	0	1	0	2	15	20	24	15	32	25	36	32	26	30	25	35	2	320	1.99
C21	Anus & Anal Canal	0	0	0	0	2	4	2	4	7	11	13	8	19	12	10	13	0	105	0.65
C22	Liver	15	4	2	3	6	8	15	13	21	22	37	42	54	38	32	28	2	342	2.12
C23-24	Gallbladder etc.	0	0	0	0	4	9	14	20	43	42	87	65	67	50	41	44	8	494	3.07
C25	Pancreas	0	2	0	0	2	1	7	14	18	20	25	37	49	31	42	23	4	275	1.71
C30-31	Nose, Sinuses etc.	1	0	0	0	1	3	0	1	6	4	3	3	2	0	5	2	1	32	0.20
C32	Larynx	2	1	2	0	2	2	11	33	65	102	154	114	155	128	93	75	7	946	5.87
C33-34	Lung etc.	1	3	2	1	6	5	21	40	105	142	236	251	322	236	181	130	17	1699	10.54
C37-38	Other Thoracic Organs	0	0	1	0	0	3	0	3	2	0	3	3	3	0	4	0	0	22	0.14
C40-41	Bone	4	12	52	71	43	28	10	15	12	23	20	20	25	19	8	9	6	377	2.34
C43	Melanoma of Skin	0	0	1	1	0	2	3	3	4	3	4	2	2	4	2	2	0	33	0.20
C44	Other Skin	1	1	0	4	5	7	9	15	16	27	32	22	34	21	17	21	2	234	1.45
C45	Mesothelioma	0	0	0	0	1	1	0	5	5	4	12	5	9	10	2	5	0	59	0.37
C46	Kaposi Sarcoma	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
C47+C49	Conn. & Soft Tissue	23	11	14	24	24	29	24	28	21	15	32	20	27	14	19	8	6	339	2.10
C50	Breast	0	0	0	0	1	0	2	4	10	4	12	7	13	9	5	9	1	77	0.48
C60	Penis	0	0	0	1	3	3	9	12	15	18	12	12	14	10	10	12	1	132	0.82
C61	Prostate	0	0	0	0	0	1	0	2	7	16	27	68	130	178	176	243	3	851	5.28
C62	Testis	5	1	0	10	23	12	30	14	15	10	7	7	4	4	3	1	0	146	0.91
C63	Other Male Genital	0	0	0	0	0	0	1	1	0	1	0	1	2	2	2	0	0	10	0.06
C64	Kidney etc.	35	13	3	5	2	9	4	17	26	28	30	25	52	37	23	20	9	338	2.10
C65	Renal Pelvis	0	0	0	0	0	0	1	0	1	0	2	0	0	1	0	0	0	5	0.03
C66	Ureter	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.01
C67	Bladder	5	0	1	0	3	6	13	22	36	47	94	93	116	113	108	104	8	769	4.77
C68	Uns.Urinary Organs	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	3	0.02
C69	Eye	36	11	1	4	1	1	1	1	0	2	3	3	1	0	1	2	3	71	0.44
C70-72	Brain, Nervous System	24	50	34	34	34	52	54	54	50	55	47	50	49	39	29	15	9	679	4.21
C73	Thyroid	0	2	2	6	7	13	14	16	13	12	18	12	15	10	10	4	2	156	0.97
C74	Adrenal Gland	21	8	3	2	2	1	1	1	3	0	1	2	0	1	1	0	0	47	0.29
C77	Sec Lymph Nodes	3	0	1	6	0	9	8	9	10	17	31	34	25	24	18	12	3	210	1.30
C78	Sec Resp & Digestive	0	0	1	0	2	3	6	9	10	17	20	30	38	22	19	17	2	196	1.22
C79	Sec Others	0	0	0	2	3	1	8	7	9	22	29	35	25	27	24	13	1	206	1.28
C81	Hodgkins Disease	10	46	39	40	25	24	18	20	14	21	18	13	7	12	7	4	3	321	1.99
C82-85,C96	NHL	18	41	32	29	41	47	34	45	56	61	92	56	73	82	59	48	8	822	5.10
C90	Multiple Myeloma	0	1	1	0	1	0	1	3	14	41	55	38	41	29	32	24	3	284	1.76
C91	Lymphoid Leuk.	91	91	82	49	24	13	11	10	9	19	16	14	19	14	17	13	5	497	3.08
C92-94	Myeloid Leukaemia	18	12	18	45	35	44	65	38	50	42	38	18	37	19	9	14	4	506	3.14
C95	Leukaemia Uns	15	12	12	17	12	13	11	10	8	7	9	7	3	6	6	3	1	152	0.94
O&U	Other and Uns	14	9	8	12	18	12	22	34	53	41	65	44	51	47	42	33	9	514	3.19
	All Sites	345	341	324	388	382	452	548	743	1098	1365	1886	1707	2079	1651	1380	1253	170	16112	100.00

TABLE DEL-3 (b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Females

% = Relative Proportion of Cancers of All Sites.

Delhi

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	1	-	-	-	1	3	2	3	2	-	1	5	-	-	18	0.12
C01-02	Tongue	-	-	-	2	4	4	9	10	22	42	25	25	30	24	10	10	5	222	1.48
C03-06	Mouth	1	1	-	1	1	4	7	17	18	20	28	16	26	23	18	11	2	194	1.29
C07-8	Salivary Gland	-	-	3	2	4	4	9	15	10	10	3	6	9	4	5	1	1	86	0.57
C09	Tonsil	-	2	1	-	-	1	1	-	2	3	7	3	11	3	6	2	-	42	0.28
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	1	2	2	-	3	3	-	2	-	13	0.09
C11	Nasopharynx	1	-	-	1	1	2	4	2	2	6	2	6	6	1	2	-	1	37	0.25
C12-13	Hypopharynx	-	-	-	-	2	-	3	3	12	9	5	3	9	9	5	4	-	64	0.43
C14	Pharynx Unspecified	-	-	1	-	-	-	-	-	1	3	-	-	1	1	1	2	-	10	0.07
C15	Oesophagus	-	1	-	-	1	4	4	22	36	43	46	46	50	43	32	29	3	360	2.39
C16	Stomach	1	-	-	-	4	8	12	23	13	31	25	20	27	16	12	10	-	202	1.34
C17	Small Intestine	1	-	-	-	-	-	-	1	-	2	-	3	7	2	-	2	-	18	0.12
C18	Colon	-	-	-	1	3	8	13	14	15	21	25	29	38	20	19	17	1	224	1.49
C19-20	Rectum	-	-	2	2	5	17	9	14	15	23	26	17	20	10	14	10	3	187	1.24
C21	Anus & Anal Canal	-	-	-	-	1	3	1	2	4	7	3	4	10	5	3	3	1	47	0.31
C22	Liver	4	2	-	-	2	4	3	7	16	18	18	16	29	21	10	10	1	161	1.07
C23-24	Gallbladder etc.	-	-	-	-	4	11	22	55	85	108	137	91	139	96	74	53	4	879	5.84
C25	Pancreas	-	-	-	-	3	5	2	7	11	18	15	14	25	24	21	13	1	159	1.06
C30-31	Nose, Sinuses etc.	1	-	1	-	2	1	3	1	1	1	1	-	2	3	1	1	-	19	0.13
C32	Larynx	1	-	-	-	2	-	3	5	8	19	11	17	13	17	13	6	2	117	0.78
C33-34	Lung etc.	1	-	-	-	1	5	8	16	23	31	52	49	56	62	25	32	4	365	2.43
C37-38	Other Thoracic Organs	-	-	-	-	1	-	1	1	-	3	1	1	2	-	2	1	-	13	0.09
C40-41	Bone	1	11	27	20	23	13	13	5	13	15	10	13	10	11	9	4	3	201	1.34
C43	Melanoma of Skin	-	-	-	-	1	2	-	2	3	5	4	2	3	3	2	1	-	28	0.19
C44	Other Skin	-	-	1	1	2	3	1	6	7	12	15	13	21	19	15	12	3	131	0.87
C45	Mesothelioma	-	-	-	-	-	-	2	2	3	6	6	5	5	3	1	6	-	39	0.26
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	13	1	14	3	13	21	16	22	16	24	26	22	31	16	6	7	2	253	1.68
C50	Breast	-	-	1	3	31	104	172	328	529	544	601	429	403	291	168	150	23	3777	25.11
C51	Vulva	-	-	-	-	2	-	1	7	4	1	11	5	7	4	10	9	1	62	0.41
C52	Vagina	1	-	-	-	1	-	-	6	8	9	12	9	8	2	5	2	-	63	0.42
C53	Cervix Uteri	-	1	-	1	9	39	120	192	308	306	333	251	305	184	119	58	15	2241	14.90
C54	Corpus Uteri	-	-	-	-	2	6	9	16	24	61	84	78	80	74	36	13	6	489	3.25
C55	Uterus Unspecified	-	-	-	-	1	5	4	5	10	7	13	9	9	8	6	3	5	85	0.57
C56	Ovary etc.	4	6	11	19	30	50	51	88	152	139	149	106	104	70	48	40	14	1081	7.19
C57	Other Female Genital	-	-	-	-	-	2	1	2	-	3	2	1	-	1	-	-	-	12	0.08
C58	Placenta	-	-	-	1	4	11	9	-	2	1	-	1	-	-	-	-	-	29	0.19
C64	Kidney etc.	22	10	2	2	8	7	3	10	18	19	13	12	16	12	11	11	3	179	1.19
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	0.01
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	0.01
C67	Bladder	2	-	1	2	1	-	2	6	11	14	23	13	25	20	17	13	3	153	1.02
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.01
C69	Eye	16	6	-	-	-	-	1	-	1	1	1	2	1	1	-	-	-	30	0.20
C70-72	Brain, Nervous System	18	21	29	16	21	20	28	34	26	45	36	18	22	10	11	3	2	360	2.39
C73	Thyroid	-	2	5	14	25	39	42	45	31	31	26	27	26	25	12	11	3	364	2.42
C74	Adrenal Gland	8	7	1	2	-	3	-	-	1	-	-	-	-	-	-	-	-	22	0.15
C77	Sec Lymph Nodes	3	-	1	1	2	1	1	4	14	9	13	9	11	7	7	3	3	89	0.59
C78	Sec Resp & Digestive	-	-	-	1	2	2	2	6	13	12	15	16	25	15	11	9	-	129	0.86
C79	Sec Others	-	-	-	-	2	-	4	7	11	11	11	11	13	15	10	7	-	102	0.68
C81	Hodgkins Disease	1	2	4	12	13	6	8	8	9	8	8	11	9	4	5	7	-	115	0.76
C82-85,C96	NHL	9	5	10	15	18	20	27	32	36	20	43	33	57	41	32	33	1	432	2.87
C90	Multiple Myeloma	-	-	-	-	-	-	4	6	9	20	18	24	19	31	18	22	1	172	1.14
C91	Lymphoid Leuk.	28	32	29	15	9	5	7	15	4	7	8	9	9	3	11	7	-	198	1.32
C92-94	Myeloid Leukaemia	2	13	11	16	19	33	20	36	30	22	33	28	12	11	7	12	1	306	2.03
C95	Leukaemia Uns	9	4	11	3	1	5	7	7	6	5	4	2	2	3	2	-	2	73	0.49
O&U	Other and Uns	7	4	9	9	6	16	18	29	27	48	46	40	40	35	22	26	5	387	2.57
	All Sites	155	131	175	166	287	494	687	1142	1624	1827	2000	1567	1788	1308	880	688	125	15044	100.00

TABLE: DEL-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: 2001-2003 - Males

Delhi

ICD-10	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
C00	-	-	0.0	-	-	0.0	0.1	0.2	0.1	0.8	0.3	0.2	1.3	0.7	1.0	1.4	0.1	0.2	0.04	0.4
C01-02	-	-	0.1	-	0.1	0.6	0.8	2.5	6.2	9.9	15.6	26.1	34.0	30.6	28.6	30.7	3.9	6.5	0.23	13.9
C03-06	-	0.0	-	0.2	0.1	0.5	1.2	1.9	3.9	6.8	9.6	12.3	20.9	19.6	13.8	13.7	2.4	3.9	0.18	8.3
C07-8	0.0	0.1	0.0	0.1	0.4	0.3	0.4	0.2	0.8	1.2	1.7	2.4	3.3	3.8	6.2	1.9	0.6	0.8	0.08	1.4
C09	-	0.2	-	0.1	-	0.1	0.4	0.8	1.7	3.4	6.8	6.6	8.2	6.9	7.6	7.1	1.2	1.8	0.12	4.2
C10	0.0	-	-	-	-	0.0	0.2	0.1	0.4	1.9	2.3	2.6	4.9	4.1	6.2	2.4	0.5	0.9	0.09	1.8
C11	-	0.0	0.3	0.2	0.2	0.2	0.3	0.6	0.3	1.0	1.7	2.4	3.1	1.7	1.9	0.5	0.5	0.6	0.07	1.3
C12-13	-	-	0.0	-	0.0	0.3	0.2	0.3	0.9	2.5	6.3	9.8	14.7	13.4	19.6	11.3	1.4	2.6	0.15	4.9
C14	-	-	-	-	0.0	0.0	0.1	0.1	0.5	0.5	0.9	1.8	2.6	-	1.4	2.4	0.2	0.4	0.05	0.9
C15	-	-	-	-	0.0	0.2	0.5	1.3	3.1	5.0	12.8	20.1	24.2	21.3	25.3	25.9	2.7	4.7	0.20	9.6
C16	-	0.0	-	0.0	0.1	0.3	0.3	1.4	2.7	3.9	8.9	10.9	16.2	13.4	18.6	15.1	1.9	3.2	0.16	6.5
C17	-	-	-	0.0	0.1	0.0	0.1	0.1	0.4	0.7	0.4	0.4	1.5	0.7	-	0.9	0.2	0.2	0.04	0.5
C18	0.0	-	-	0.1	0.2	0.2	0.6	2.1	2.7	4.3	5.8	6.6	11.8	11.7	11.4	12.7	1.6	2.5	0.14	5.1
C19-20	-	0.0	-	0.1	0.6	0.9	1.3	0.9	2.3	2.4	4.6	6.4	6.7	10.3	11.9	16.5	1.4	2.2	0.13	3.5
C21	-	-	-	-	0.1	0.2	0.1	0.2	0.5	1.0	1.7	1.6	4.9	4.1	4.8	6.1	0.5	0.8	0.08	1.5
C22	0.7	0.2	0.1	0.1	0.2	0.4	0.8	0.8	1.5	2.1	4.8	8.4	13.9	13.1	15.3	13.2	1.5	2.6	0.15	4.5
C23-24	-	-	-	-	0.2	0.4	0.8	1.2	3.1	4.0	11.2	12.9	17.3	17.2	19.6	20.8	2.2	3.7	0.17	7.3
C25	-	0.1	-	-	0.1	0.0	0.4	0.8	1.3	1.9	3.2	7.4	12.6	10.7	20.0	10.9	1.2	2.2	0.14	3.9
C30-31	0.0	-	-	-	0.0	0.1	-	0.1	0.4	0.4	0.4	0.6	0.5	-	2.4	0.9	0.1	0.2	0.04	0.4
C32	0.1	0.0	0.1	-	0.1	0.1	0.6	1.9	4.7	9.6	19.9	22.7	39.9	44.0	44.4	35.4	4.2	7.5	0.25	14.4
C33-34	0.0	0.1	0.1	0.0	0.2	0.2	1.1	2.3	7.5	13.4	30.5	50.0	82.9	81.2	86.3	61.3	7.5	13.8	0.35	26.6
C37-38	-	-	0.0	-	-	0.1	-	0.2	0.1	-	0.4	0.6	0.8	-	1.9	-	0.1	0.1	0.03	0.3
C40-41	0.2	0.5	2.1	2.9	1.8	1.3	0.5	0.9	0.9	2.2	2.6	4.0	6.4	6.5	3.8	4.2	1.7	1.9	0.11	2.5
C43	-	-	0.0	0.0	-	0.1	0.2	0.2	0.3	0.3	0.5	0.4	0.5	1.4	1.0	0.9	0.1	0.2	0.04	0.3
C44	0.0	0.0	-	0.2	0.2	0.3	0.5	0.9	1.1	2.5	4.1	4.4	8.8	7.2	8.1	9.9	1.0	1.7	0.12	3.2
C45	-	-	-	-	0.0	0.0	-	0.3	0.4	0.4	1.5	1.0	2.3	3.4	1.0	2.4	0.3	0.4	0.06	0.9
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	1.1	0.5	0.6	1.0	1.0	1.3	1.3	1.6	1.5	1.4	4.1	4.0	7.0	4.8	9.1	3.8	1.5	1.9	0.11	3.0
C50	-	-	-	-	0.0	-	0.1	0.2	0.7	0.4	1.5	1.4	3.3	3.1	2.4	4.2	0.3	0.6	0.07	1.1
C60	-	-	-	0.0	0.1	0.1	0.5	0.7	1.1	1.7	1.5	2.4	3.6	3.4	4.8	5.7	0.6	0.9	0.08	1.7
C61	-	-	-	-	-	0.0	-	0.1	0.5	1.5	3.5	13.5	33.5	61.2	84.0	114.6	3.8	8.0	0.28	7.0
C62	0.2	0.0	-	0.4	0.9	0.5	1.6	0.8	1.1	0.9	0.9	1.4	1.0	1.4	1.4	0.5	0.6	0.7	0.06	1.0
C63	-	-	-	-	-	-	0.1	0.1	-	0.1	-	0.2	0.5	0.7	1.0	-	0.0	0.1	0.03	0.1
C64	1.6	0.5	0.1	0.2	0.1	0.4	0.2	1.0	1.9	2.6	3.9	5.0	13.4	12.7	11.0	9.4	1.5	2.4	0.14	4.1
C65	-	-	-	-	-	-	0.1	-	0.1	-	0.3	-	-	0.3	-	-	0.0	0.0	0.01	0.1
C66	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C67	0.2	-	0.0	-	0.1	0.3	0.7	1.3	2.6	4.4	12.1	18.5	29.9	38.9	51.5	49.1	3.4	6.3	0.24	9.8
C68	-	-	-	-	-	-	-	0.1	-	-	-	0.2	-	-	0.5	-	0.0	0.0	0.01	0.0
C69	1.7	0.5	0.0	0.2	0.0	0.0	0.1	0.1	-	0.2	0.4	0.6	0.3	-	0.5	0.9	0.3	0.4	0.05	0.2
C70-72	1.1	2.1	1.4	1.4	1.4	2.4	2.9	3.1	3.6	5.2	6.1	10.0	12.6	13.4	13.8	7.1	3.0	3.8	0.16	6.2
C73	-	0.1	0.1	0.2	0.3	0.6	0.8	0.9	0.9	1.1	2.3	2.4	3.9	3.4	4.8	1.9	0.7	0.9	0.08	1.8
C74	1.0	0.3	0.1	0.1	0.1	0.0	0.1	0.1	0.2	-	0.1	0.4	-	0.3	0.5	-	0.2	0.2	0.04	0.1
C77	0.1	-	0.0	0.2	-	0.4	0.4	0.5	0.7	1.6	4.0	6.8	6.4	8.3	8.6	5.7	0.9	1.5	0.11	2.9
C78	-	-	0.0	-	0.1	0.1	0.3	0.5	0.7	1.6	2.6	6.0	9.8	7.6	9.1	8.0	0.9	1.5	0.12	3.0
C79	-	-	-	0.1	0.1	0.0	0.4	0.4	0.6	2.1	3.7	7.0	6.4	9.3	11.4	6.1	0.9	1.6	0.12	2.9
C81	0.5	1.9	1.6	1.6	1.0	1.1	1.0	1.2	1.0	2.0	2.3	2.6	1.8	4.1	3.3	1.9	1.4	1.5	0.09	1.7
C82-85,C96	0.8	1.7	1.3	1.2	1.7	2.1	1.8	2.6	4.0	5.8	11.9	11.1	18.8	28.2	28.1	22.6	3.7	5.3	0.20	8.2
C90	-	0.0	0.0	-	0.0	-	0.1	0.2	1.0	3.9	7.1	7.6	10.6	10.0	15.3	11.3	1.3	2.2	0.14	4.5
C91	4.3	3.8	3.3	2.0	1.0	0.6	0.6	0.6	0.6	1.8	2.1	2.8	4.9	4.8	8.1	6.1	2.2	2.6	0.12	1.9
C92-94	0.8	0.5	0.7	1.8	1.4	2.0	3.5	2.2	3.6	4.0	4.9	3.6	9.5	6.5	4.3	6.6	2.2	2.6	0.13	4.4
C95	0.7	0.5	0.5	0.7	0.5	0.6	0.6	0.6	0.6	0.7	1.2	1.4	0.8	2.1	2.9	1.4	0.7	0.8	0.07	0.8
O&U	0.7	0.4	0.3	0.5	0.7	0.5	1.2	2.0	3.8	3.9	8.4	8.8	13.1	16.2	20.0	15.6	2.3	3.4	0.16	6.0
All	16.3	14.1	13.1	15.9	15.7	20.5	29.4	43.1	78.6	128.7	243.6	339.8	535.4	567.9	658.2	591.1	71.6	114.9	0.97	200.7

TABLE: DEL-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: 2001-2003 - Females

Delhi

ICD-10	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
C00	-	-	-	0.1	-	-	-	0.1	0.3	0.2	0.5	0.5	-	0.3	2.6	-	0.1	0.1	0.04	0.3
C01-02	-	-	-	0.1	0.2	0.2	0.6	0.7	2.1	5.1	4.3	5.8	7.8	8.1	5.2	5.0	1.2	1.8	0.12	4.0
C03-06	0.1	0.0	-	0.1	0.1	0.2	0.5	1.2	1.7	2.4	4.9	3.7	6.8	7.7	9.3	5.5	1.1	1.6	0.12	3.2
C07-8	-	-	0.1	0.1	0.2	0.2	0.6	1.0	1.0	1.2	0.5	1.4	2.4	1.3	2.6	0.5	0.5	0.6	0.07	1.2
C09	-	0.1	0.0	-	-	0.1	0.1	-	0.2	0.4	1.2	0.7	2.9	1.0	3.1	1.0	0.2	0.4	0.06	0.8
C10	-	-	-	-	-	-	-	-	0.1	0.2	0.3	-	0.8	1.0	-	1.0	0.1	0.1	0.03	0.2
C11	0.1	-	-	0.1	0.1	0.1	0.3	0.1	0.2	0.7	0.3	1.4	1.6	0.3	1.0	-	0.2	0.3	0.05	0.6
C12-13	-	-	-	-	0.1	-	0.2	0.2	1.1	1.1	0.9	0.7	2.4	3.0	2.6	2.0	0.3	0.5	0.07	1.0
C14	-	-	0.0	-	-	-	-	-	0.1	0.4	-	-	0.3	0.3	0.5	1.0	0.1	0.1	0.03	0.1
C15	-	0.0	-	-	0.1	0.2	0.3	1.5	3.4	5.2	8.0	10.7	13.1	14.5	16.5	14.5	1.9	3.1	0.17	6.3
C16	0.1	-	-	-	0.2	0.4	0.8	1.6	1.2	3.8	4.3	4.7	7.1	5.4	6.2	5.0	1.1	1.6	0.12	3.5
C17	0.1	-	-	-	-	-	-	0.1	-	0.2	-	0.7	1.8	0.7	-	1.0	0.1	0.2	0.04	0.4
C18	-	-	-	0.1	0.2	0.4	0.8	1.0	1.4	2.5	4.3	6.8	9.9	6.7	9.8	8.5	1.2	1.9	0.13	3.8
C19-20	-	-	0.1	0.1	0.3	0.9	0.6	1.0	1.4	2.8	4.5	4.0	5.2	3.4	7.2	5.0	1.0	1.4	0.11	2.9
C21	-	-	-	-	0.1	0.2	0.1	0.1	0.4	0.8	0.5	0.9	2.6	1.7	1.6	1.5	0.3	0.4	0.06	0.8
C22	0.2	0.1	-	-	0.1	0.2	0.2	0.5	1.5	2.2	3.1	3.7	7.6	7.1	5.2	5.0	0.9	1.3	0.11	2.8
C23-24	-	-	-	-	0.2	0.6	1.4	3.8	8.1	13.1	23.8	21.2	36.3	32.3	38.2	26.6	4.8	7.4	0.26	16.1
C25	-	-	-	-	0.2	0.3	0.1	0.5	1.0	2.2	2.6	3.3	6.5	8.1	10.9	6.5	0.9	1.4	0.11	2.4
C30-31	0.1	-	0.0	-	0.1	0.1	0.2	0.1	0.1	0.1	0.2	-	0.5	1.0	0.5	0.5	0.1	0.1	0.03	0.2
C32	0.1	-	-	-	0.1	-	0.2	0.3	0.8	2.3	1.9	4.0	3.4	5.7	6.7	3.0	0.6	1.0	0.09	1.9
C33-34	0.1	-	-	-	0.1	0.3	0.5	1.1	2.2	3.8	9.0	11.4	14.6	20.9	12.9	16.0	2.0	3.2	0.17	6.2
C37-38	-	-	-	-	0.1	-	0.1	0.1	-	0.4	0.2	0.2	0.5	-	1.0	0.5	0.1	0.1	0.03	0.2
C40-41	0.1	0.5	1.3	1.1	1.3	0.7	0.8	0.3	1.2	1.8	1.7	3.0	2.6	3.7	4.7	2.0	1.1	1.2	0.09	1.7
C43	-	-	-	-	0.1	0.1	-	0.1	0.3	0.6	0.7	0.5	0.8	1.0	1.0	0.5	0.2	0.2	0.04	0.5
C44	-	-	0.0	0.1	0.1	0.2	0.1	0.4	0.7	1.5	2.6	3.0	5.5	6.4	7.8	6.0	0.7	1.1	0.10	2.0
C45	-	-	-	-	-	-	0.1	0.1	0.3	0.7	1.0	1.2	1.3	1.0	0.5	3.0	0.2	0.3	0.05	0.7
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.7	0.0	0.7	0.2	0.7	1.2	1.0	1.5	1.5	2.9	4.5	5.1	8.1	5.4	3.1	3.5	1.4	1.8	0.12	3.6
C50	-	-	0.0	0.2	1.7	5.8	11.1	22.8	50.4	65.9	104.2	100.0	105.3	98.0	86.8	75.2	20.5	29.2	0.50	70.2
C51	-	-	-	-	0.1	-	0.1	0.5	0.4	0.1	1.9	1.2	1.8	1.3	5.2	4.5	0.3	0.5	0.07	0.9
C52	0.1	-	-	-	0.1	-	-	0.4	0.8	1.1	2.1	2.1	2.1	0.7	2.6	1.0	0.3	0.5	0.07	1.3
C53	-	0.0	-	0.1	0.5	2.2	7.7	13.4	29.3	37.1	57.7	58.5	79.7	62.0	61.5	29.1	12.1	17.6	0.39	42.6
C54	-	-	-	-	0.1	0.3	0.6	1.1	2.3	7.4	14.6	18.2	20.9	24.9	18.6	6.5	2.6	4.3	0.20	9.5
C55	-	-	-	-	0.1	0.3	0.3	0.3	1.0	0.8	2.3	2.1	2.4	2.7	3.1	1.5	0.5	0.6	0.07	1.4
C56	0.2	0.3	0.5	1.0	1.7	2.8	3.3	6.1	14.5	16.9	25.8	24.7	27.2	23.6	24.8	20.0	5.9	8.0	0.26	18.1
C57	-	-	-	-	-	0.1	0.1	0.1	-	0.4	0.3	0.2	-	0.3	-	-	0.1	0.1	0.02	0.2
C58	-	-	-	0.1	0.2	0.6	0.6	-	0.2	0.1	-	0.2	-	-	-	-	0.2	0.1	0.03	0.1
C64	1.2	0.5	0.1	0.1	0.4	0.4	0.2	0.7	1.7	2.3	2.3	2.8	4.2	4.0	5.7	5.5	1.0	1.3	0.10	2.2
C65	-	-	-	-	-	-	-	-	-	-	0.2	-	0.3	-	-	-	0.0	0.0	0.01	0.1
C66	-	-	-	-	-	-	-	-	-	-	-	-	0.3	0.3	-	-	0.0	0.0	0.01	0.0
C67	0.1	-	0.0	0.1	0.1	-	0.1	0.4	1.0	1.7	4.0	3.0	6.5	6.7	8.8	6.5	0.8	1.3	0.11	2.5
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.0	0.0	0.01	-
C69	0.9	0.3	-	-	-	-	0.1	-	0.1	0.1	0.2	0.5	0.3	0.3	-	-	0.2	0.2	0.04	0.2
C70-72	1.0	1.0	1.3	0.9	1.2	1.1	1.8	2.4	2.5	5.5	6.2	4.2	5.7	3.4	5.7	1.5	1.9	2.3	0.13	4.3
C73	-	0.1	0.2	0.8	1.4	2.2	2.7	3.1	3.0	3.8	4.5	6.3	6.8	8.4	6.2	5.5	2.0	2.4	0.13	4.3
C74	0.4	0.3	0.0	0.1	-	0.2	-	-	0.1	-	-	-	-	-	-	-	0.1	0.1	0.03	0.0
C77	0.2	-	0.0	0.1	0.1	0.1	0.1	0.3	1.3	1.1	2.3	2.1	2.9	2.4	3.6	1.5	0.5	0.7	0.08	1.5
C78	-	-	-	0.1	0.1	0.1	0.1	0.4	1.2	1.5	2.6	3.7	6.5	5.1	5.7	4.5	0.7	1.1	0.10	2.3
C79	-	-	-	-	0.1	-	0.3	0.5	1.0	1.3	1.9	2.6	3.4	5.1	5.2	3.5	0.6	0.9	0.09	1.6
C81	0.1	0.1	0.2	0.7	0.7	0.3	0.5	0.6	0.9	1.0	1.4	2.6	2.4	1.3	2.6	3.5	0.6	0.8	0.08	1.3
C82-85,C96	0.5	0.2	0.5	0.8	1.0	1.1	1.7	2.2	3.4	2.4	7.5	7.7	14.9	13.8	16.5	16.5	2.3	3.3	0.17	5.7
C90	-	-	-	-	-	-	0.3	0.4	0.9	2.4	3.1	5.6	5.0	10.4	9.3	11.0	0.9	1.5	0.12	2.6
C91	1.5	1.5	1.3	0.8	0.5	0.3	0.5	1.0	0.4	0.8	1.4	2.1	2.4	1.0	5.7	3.5	1.1	1.2	0.09	1.2
C92-94	0.1	0.6	0.5	0.9	1.1	1.8	1.3	2.5	2.9	2.7	5.7	6.5	3.1	3.7	3.6	6.0	1.7	2.0	0.12	3.7
C95	0.5	0.2	0.5	0.2	0.1	0.3	0.5	0.5	0.6	0.6	0.7	0.5	0.5	1.0	1.0	-	0.4	0.4	0.05	0.6
O&U	0.4	0.2	0.4	0.5	0.3	0.9	1.2	2.0	2.6	5.8	8.0	9.3	10.5	11.8	11.4	13.0	2.1	3.0	0.16	5.9
All	8.5	6.2	8.1	9.1	15.9	27.4	44.2	79.4	154.7	221.5	346.8	365.4	467.2	440.7	454.8	344.8	81.5	116.5	0.99	251.5

TABLE: DEL-5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis: 2001-2003 - Males
Delhi

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	25	80.6	-	-	5	16.1	1	3.2	-	-	31	100.0
C01-02	Tongue	735	83.9	2	0.2	127	14.5	-	-	12	1.4	876	100.0
C03-06	Mouth	488	90.2	1	0.2	49	9.1	1	0.2	2	0.4	541	100.0
C07-8	Salivary Gland	93	75.0	-	-	31	25.0	-	-	-	-	124	100.0
C09	Tonsil	219	83.0	-	-	43	16.3	-	-	2	0.8	264	100.0
C10	Oth. Oropharynx	92	81.4	-	-	18	15.9	-	-	3	2.7	113	100.0
C11	Nasopharynx	81	79.4	1	1.0	20	19.6	-	-	-	-	102	100.0
C12-13	Hypopharynx	283	88.4	-	-	32	10.0	-	-	5	1.6	320	100.0
C14	Pharynx Unspecified	41	80.4	1	2.0	8	15.7	-	-	1	2.0	51	100.0
C15	Oesophagus	450	74.4	1	0.2	95	15.7	44	7.3	15	2.5	605	100.0
C16	Stomach	321	75.5	-	-	54	12.7	41	9.6	9	2.1	425	100.0
C17	Small Intestine	31	88.6	-	-	3	8.6	1	2.9	-	-	35	100.0
C18	Colon	276	77.7	-	-	66	18.6	6	1.7	7	2.0	355	100.0
C19-20	Rectum	251	78.4	-	-	57	17.8	7	2.2	5	1.6	320	100.0
C21	Anus & Anal Canal	89	84.8	-	-	14	13.3	1	1.0	1	1.0	105	100.0
C22	Liver	282	82.5	-	-	52	15.2	3	0.9	5	1.5	342	100.0
C23-24	Gallbladder etc.	322	65.2	31	6.3	90	18.2	41	8.3	10	2.0	494	100.0
C25	Pancreas	204	74.2	-	-	60	21.8	3	1.1	8	2.9	275	100.0
C30-31	Nose, Sinuses etc.	30	93.8	-	-	1	3.1	-	-	1	3.1	32	100.0
C32	Larynx	753	79.6	1	0.1	175	18.5	-	-	17	1.8	946	100.0
C33-34	Lung etc.	1317	77.5	174	10.2	108	6.4	56	3.3	44	2.6	1699	100.0
C37-38	Other Thoracic Organs	20	90.9	-	-	2	9.1	-	-	-	-	22	100.0
C40-41	Bone	328	87.0	2	0.5	44	11.7	2	0.5	1	0.3	377	100.0
C43	Melanoma of Skin	33	100.0	-	-	-	-	-	-	-	-	33	100.0
C44	Other Skin	205	87.6	-	-	26	11.1	-	-	3	1.3	234	100.0
C45	Mesothelioma	49	83.1	-	-	5	8.5	1	1.7	4	6.8	59	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	295	87.0	-	-	44	13.0	-	-	-	-	339	100.0
C50	Breast	58	75.3	1	1.3	15	19.5	-	-	3	3.9	77	100.0
C60	Penis	105	79.5	-	-	25	18.9	-	-	2	1.5	132	100.0
C61	Prostate	717	84.3	-	-	128	15.0	1	0.1	5	0.6	851	100.0
C62	Testis	131	89.7	-	-	14	9.6	-	-	1	0.7	146	100.0
C63	Other Male Genital	6	60.0	-	-	4	40.0	-	-	-	-	10	100.0
C64	Kidney etc.	306	90.5	-	-	30	8.9	-	-	2	0.6	338	100.0
C65	Renal Pelvis	5	100.0	-	-	-	-	-	-	-	-	5	100.0
C66	Ureter	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C67	Bladder	583	75.8	-	-	172	22.4	3	0.4	11	1.4	769	100.0
C68	Uns.Urinary Organs	-	-	-	-	3	100.0	-	-	-	-	3	100.0
C69	Eye	62	87.3	-	-	7	9.9	-	-	2	2.8	71	100.0
C70-72	Brain, Nervous System	589	86.7	2	0.3	81	11.9	5	0.7	2	0.3	679	100.0
C73	Thyroid	125	80.1	-	-	31	19.9	-	-	-	-	156	100.0
C74	Adrenal Gland	38	80.9	-	-	8	17.0	-	-	1	2.1	47	100.0
C77	Sec Lymph Nodes	198	94.3	-	-	11	5.2	-	-	1	0.5	210	100.0
C78	Sec Resp & Digestive	190	96.9	-	-	3	1.5	1	0.5	2	1.0	196	100.0
C79	Sec Others	202	98.1	-	-	1	0.5	3	1.5	-	-	206	100.0
C81	Hodgkins Disease	321	100.0	-	-	-	-	-	-	-	-	321	100.0
C82-85,C96	NHL	822	100.0	-	-	-	-	-	-	-	-	822	100.0
C90	Multiple Myeloma	284	100.0	-	-	-	-	-	-	-	-	284	100.0
C91	Lymphoid Leuk.	497	100.0	-	-	-	-	-	-	-	-	497	100.0
C92-94	Myeloid Leukaemia	506	100.0	-	-	-	-	-	-	-	-	506	100.0
C95	Leukaemia Uns	152	100.0	-	-	-	-	-	-	-	-	152	100.0
O&U	Other and Uns	190	37.0	-	-	282	54.9	5	1.0	37	7.2	514	100.0
	All Sites	13401	83.2	217	1.3	2044	12.7	226	1.4	224	1.4	16112	100.0

TABLE: DEL-5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis : 2001-2003 - Females
Delhi

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	14	77.8	-	-	4	22.2	-	-	-	-	18	100.0
C01-02	Tongue	189	85.1	-	-	31	14.0	-	-	2	0.9	222	100.0
C03-06	Mouth	164	84.5	-	-	29	14.9	-	-	1	0.5	194	100.0
C07-8	Salivary Gland	61	70.9	1	1.2	24	27.9	-	-	-	-	86	100.0
C09	Tonsil	38	90.5	-	-	4	9.5	-	-	-	-	42	100.0
C10	Oth. Oropharynx	12	92.3	-	-	1	7.7	-	-	-	-	13	100.0
C11	Nasopharynx	30	81.1	-	-	7	18.9	-	-	-	-	37	100.0
C12-13	Hypopharynx	60	93.8	-	-	3	4.7	-	-	1	1.6	64	100.0
C14	Pharynx Unspecified	6	60.0	-	-	2	20.0	-	-	2	20.0	10	100.0
C15	Oesophagus	270	75.0	1	0.3	53	14.7	33	9.2	3	0.8	360	100.0
C16	Stomach	147	72.8	1	0.5	35	17.3	17	8.4	2	1.0	202	100.0
C17	Small Intestine	10	55.6	-	-	7	38.9	-	-	1	5.6	18	100.0
C18	Colon	170	75.9	-	-	45	20.1	5	2.2	4	1.8	224	100.0
C19-20	Rectum	139	74.3	-	-	45	24.1	1	0.5	2	1.1	187	100.0
C21	Anus & Anal Canal	41	87.2	-	-	5	10.6	1	2.1	-	-	47	100.0
C22	Liver	122	75.8	-	-	34	21.1	1	0.6	4	2.5	161	100.0
C23-24	Gallbladder etc.	568	64.6	68	7.7	143	16.3	84	9.6	16	1.8	879	100.0
C25	Pancreas	94	59.1	-	-	59	37.1	3	1.9	3	1.9	159	100.0
C30-31	Nose, Sinuses etc.	16	84.2	-	-	3	15.8	-	-	-	-	19	100.0
C32	Larynx	97	82.9	-	-	20	17.1	-	-	-	-	117	100.0
C33-34	Lung etc.	288	78.9	31	8.5	21	5.8	17	4.7	8	2.2	365	100.0
C37-38	Other Thoracic Organs	8	61.5	-	-	5	38.5	-	-	-	-	13	100.0
C40-41	Bone	172	85.6	-	-	29	14.4	-	-	-	-	201	100.0
C43	Melanoma of Skin	28	100.0	-	-	-	-	-	-	-	-	28	100.0
C44	Other Skin	115	87.8	-	-	12	9.2	-	-	4	3.1	131	100.0
C45	Mesothelioma	31	79.5	1	2.6	6	15.4	-	-	1	2.6	39	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	230	90.9	-	-	22	8.7	1	0.4	-	-	253	100.0
C50	Breast	3186	84.4	18	0.5	524	13.9	9	0.2	40	1.1	3777	100.0
C51	Vulva	45	72.6	-	-	17	27.4	-	-	-	-	62	100.0
C52	Vagina	53	84.1	-	-	9	14.3	-	-	1	1.6	63	100.0
C53	Cervix Uteri	1812	80.9	-	-	408	18.2	3	0.1	18	0.8	2241	100.0
C54	Corpus Uteri	432	88.3	-	-	56	11.5	-	-	1	0.2	489	100.0
C55	Uterus Unspecified	62	72.9	-	-	21	24.7	-	-	2	2.4	85	100.0
C56	Ovary etc.	879	81.3	2	0.2	178	16.5	6	0.6	16	1.5	1081	100.0
C57	Other Female Genital	4	33.3	-	-	7	58.3	1	8.3	-	-	12	100.0
C58	Placenta	25	86.2	-	-	4	13.8	-	-	-	-	29	100.0
C64	Kidney etc.	158	88.3	1	0.6	19	10.6	1	0.6	-	-	179	100.0
C65	Renal Pelvis	1	50.0	-	-	1	50.0	-	-	-	-	2	100.0
C66	Ureter	2	100.0	-	-	-	-	-	-	-	-	2	100.0
C67	Bladder	114	74.5	1	0.7	36	23.5	1	0.7	1	0.7	153	100.0
C68	Uns.Urinary Organs	1	100.0	-	-	-	-	-	-	-	-	1	100.0
C69	Eye	27	90.0	-	-	3	10.0	-	-	-	-	30	100.0
C70-72	Brain, Nervous System	297	82.5	-	-	60	16.7	1	0.3	2	0.6	360	100.0
C73	Thyroid	279	76.6	-	-	83	22.8	1	0.3	1	0.3	364	100.0
C74	Adrenal Gland	17	77.3	-	-	5	22.7	-	-	-	-	22	100.0
C77	Sec Lymph Nodes	81	91.0	-	-	7	7.9	1	1.1	-	-	89	100.0
C78	Sec Resp & Digestive	127	98.4	-	-	-	-	2	1.6	-	-	129	100.0
C79	Sec Others	100	98.0	-	-	1	1.0	1	1.0	-	-	102	100.0
C81	Hodgkins Disease	115	100.0	-	-	-	-	-	-	-	-	115	100.0
C82-85,C96	NHL	432	100.0	-	-	-	-	-	-	-	-	432	100.0
C90	Multiple Myeloma	172	100.0	-	-	-	-	-	-	-	-	172	100.0
C91	Lymphoid Leuk.	198	100.0	-	-	-	-	-	-	-	-	198	100.0
C92-94	Myeloid Leukaemia	306	100.0	-	-	-	-	-	-	-	-	306	100.0
C95	Leukaemia Uns	73	100.0	-	-	-	-	-	-	-	-	73	100.0
O&U	Other and Uns	148	38.2	-	-	195	50.4	9	2.3	35	9.0	387	100.0
	All Sites	12266	81.5	125	0.8	2283	15.2	199	1.3	171	1.1	15044	100.0

TABLE: DEL-6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Males : Delhi

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	23	74.2	-	-	2	6.5	-	-	-	-	6	19.4	31	100.0
C01-02	Tongue	650	74.2	-	-	85	9.7	-	-	-	-	141	16.1	876	100.0
C03-06	Mouth	457	84.5	-	-	31	5.7	-	-	-	-	53	9.8	541	100.0
C07-8	Salivary Gland	63	50.8	-	-	30	24.2	-	-	-	-	31	25.0	124	100.0
C09	Tonsil	198	75.0	-	-	21	8.0	-	-	-	-	45	17.0	264	100.0
C10	Oth. Oropharynx	80	70.8	-	-	12	10.6	-	-	-	-	21	18.6	113	100.0
C11	Nasopharynx	65	63.7	-	-	16	15.7	-	-	-	-	21	20.6	102	100.0
C12-13	Hypopharynx	238	74.4	-	-	45	14.1	-	-	-	-	37	11.6	320	100.0
C14	Pharynx Unspecified	38	74.5	-	-	3	5.9	-	-	-	-	10	19.6	51	100.0
C15	Oesophagus	408	67.4	-	-	42	6.9	-	-	-	-	155	25.6	605	100.0
C16	Stomach	271	63.8	-	-	49	11.5	1	0.2	-	-	104	24.5	425	100.0
C17	Small Intestine	26	74.3	-	-	5	14.3	-	-	-	-	4	11.4	35	100.0
C18	Colon	233	65.6	-	-	43	12.1	-	-	-	-	79	22.3	355	100.0
C19-20	Rectum	227	70.9	-	-	24	7.5	-	-	-	-	69	21.6	320	100.0
C21	Anus & Anal Canal	85	81.0	-	-	4	3.8	-	-	-	-	16	15.2	105	100.0
C22	Liver	188	55.0	-	-	93	27.2	1	0.3	-	-	60	17.5	342	100.0
C23-24	Gallbladder etc.	212	42.9	1	0.2	109	22.1	-	-	-	-	172	34.8	494	100.0
C25	Pancreas	140	50.9	1	0.4	63	22.9	-	-	-	-	71	25.8	275	100.0
C30-31	Nose, Sinuses etc.	28	87.5	-	-	2	6.3	-	-	-	-	2	6.3	32	100.0
C32	Larynx	688	72.7	1	0.1	64	6.8	-	-	-	-	193	20.4	946	100.0
C33-34	Lung etc.	860	50.6	1	0.1	456	26.8	-	-	-	-	382	22.5	1699	100.0
C37-38	Other Thoracic Organs	13	59.1	-	-	7	31.8	-	-	-	-	2	9.1	22	100.0
C40-41	Bone	304	80.6	1	0.3	22	5.8	-	-	1	0.3	49	13.0	377	100.0
C43	Melanoma of Skin	29	87.9	-	-	4	12.1	-	-	-	-	-	-	33	100.0
C44	Other Skin	185	79.1	1	0.4	19	8.1	-	-	-	-	29	12.4	234	100.0
C45	Mesothelioma	26	44.1	-	-	23	39.0	-	-	-	-	10	16.9	59	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	262	77.3	-	-	33	9.7	-	-	-	-	44	13.0	339	100.0
C50	Breast	29	37.7	-	-	29	37.7	-	-	-	-	19	24.7	77	100.0
C60	Penis	95	72.0	-	-	10	7.6	-	-	-	-	27	20.5	132	100.0
C61	Prostate	597	70.2	1	0.1	119	14.0	-	-	-	-	134	15.7	851	100.0
C62	Testis	112	76.7	-	-	19	13.0	-	-	-	-	15	10.3	146	100.0
C63	Other Male Genital	6	60.0	-	-	-	-	-	-	-	-	4	40.0	10	100.0
C64	Kidney etc.	262	77.5	-	-	44	13.0	-	-	-	-	32	9.5	338	100.0
C65	Renal Pelvis	5	100.0	-	-	-	-	-	-	-	-	-	-	5	100.0
C66	Ureter	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C67	Bladder	567	73.7	-	-	16	2.1	-	-	-	-	186	24.2	769	100.0
C68	Uns. Urinary Organs	-	-	-	-	-	-	-	-	-	-	3	100.0	3	100.0
C69	Eye	61	85.9	-	-	1	1.4	-	-	-	-	9	12.7	71	100.0
C70-72	Brain, Nervous System	586	86.3	-	-	3	0.4	-	-	-	-	90	13.3	679	100.0
C73	Thyroid	100	64.1	-	-	25	16.0	-	-	-	-	31	19.9	156	100.0
C74	Adrenal Gland	32	68.1	1	2.1	5	10.6	-	-	-	-	9	19.1	47	100.0
C77	Sec Lymph Nodes	16	7.6	101	48.1	81	38.6	-	-	-	-	12	5.7	210	100.0
C78	Sec Resp & Digestive	-	-	138	70.4	52	26.5	-	-	-	-	6	3.1	196	100.0
C79	Sec Others	1	0.5	164	79.6	37	18.0	-	-	-	-	4	1.9	206	100.0
C81	Hodgkins Disease	311	96.9	-	-	8	2.5	-	-	2	0.6	-	-	321	100.0
C82-85,C96	NHL	796	96.8	-	-	24	2.9	-	-	2	0.2	-	-	822	100.0
C90	Multiple Myeloma	2	0.7	-	-	-	-	-	-	282	99.3	-	-	284	100.0
C91	Lymphoid Leuk.	-	-	-	-	-	-	-	-	497	100.0	-	-	497	100.0
C92-94	Myeloid Leukaemia	1	0.2	-	-	-	-	-	-	505	99.8	-	-	506	100.0
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	152	100.0	-	-	152	100.0
O&U	Other and Uns	151	29.4	-	-	39	7.6	-	-	-	-	324	63.0	514	100.0
	All Sites	9728	60.4	411	2.6	1819	11.3	2	0.0	1441	8.9	2711	16.8	16112	100.0

TABLE: DEL-6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Females : Delhi

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	12	66.7	-	-	2	11.1	-	-	-	-	4	22.2	18	100.0
C01-02	Tongue	175	78.8	-	-	14	6.3	-	-	-	-	33	14.9	222	100.0
C03-06	Mouth	155	79.9	-	-	9	4.6	-	-	-	-	30	15.5	194	100.0
C07-8	Salivary Gland	54	62.8	-	-	7	8.1	-	-	-	-	25	29.1	86	100.0
C09	Tonsil	34	81.0	-	-	4	9.5	-	-	-	-	4	9.5	42	100.0
C10	Oth. Oropharynx	11	84.6	-	-	1	7.7	-	-	-	-	1	7.7	13	100.0
C11	Nasopharynx	25	67.6	1	2.7	4	10.8	-	-	-	-	7	18.9	37	100.0
C12-13	Hypopharynx	56	87.5	-	-	4	6.3	-	-	-	-	4	6.3	64	100.0
C14	Pharynx Unspecified	6	60.0	-	-	-	-	-	-	-	-	4	40.0	10	100.0
C15	Oesophagus	243	67.5	-	-	27	7.5	-	-	-	-	90	25.0	360	100.0
C16	Stomach	119	58.9	-	-	28	13.9	-	-	-	-	55	27.2	202	100.0
C17	Small Intestine	9	50.0	-	-	1	5.6	-	-	-	-	8	44.4	18	100.0
C18	Colon	153	68.3	-	-	17	7.6	-	-	-	-	54	24.1	224	100.0
C19-20	Rectum	127	67.9	-	-	12	6.4	-	-	-	-	48	25.7	187	100.0
C21	Anus & Anal Canal	39	83.0	-	-	2	4.3	-	-	-	-	6	12.8	47	100.0
C22	Liver	85	52.8	-	-	37	23.0	-	-	-	-	39	24.2	161	100.0
C23-24	Gallbladder etc.	359	40.8	1	0.1	208	23.7	-	-	-	-	311	35.4	879	100.0
C25	Pancreas	73	45.9	-	-	21	13.2	-	-	-	-	65	40.9	159	100.0
C30-31	Nose, Sinuses etc.	15	78.9	-	-	1	5.3	-	-	-	-	3	15.8	19	100.0
C32	Larynx	89	76.1	-	-	7	6.0	1	0.9	-	-	20	17.1	117	100.0
C33-34	Lung etc.	181	49.6	-	-	107	29.3	-	-	-	-	77	21.1	365	100.0
C37-38	Other Thoracic Organs	7	53.8	-	-	1	7.7	-	-	-	-	5	38.5	13	100.0
C40-41	Bone	154	76.6	-	-	18	9.0	-	-	-	-	29	14.4	201	100.0
C43	Melanoma of Skin	25	89.3	-	-	3	10.7	-	-	-	-	-	-	28	100.0
C44	Other Skin	103	78.6	-	-	12	9.2	-	-	-	-	16	12.2	131	100.0
C45	Mesothelioma	15	38.5	1	2.6	15	38.5	-	-	-	-	8	20.5	39	100.0
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	200	79.1	-	-	30	11.9	-	-	-	-	23	9.1	253	100.0
C50	Breast	1748	46.3	3	0.1	1435	38.0	-	-	-	-	591	15.6	3777	100.0
C51	Vulva	41	66.1	-	-	4	6.5	-	-	-	-	17	27.4	62	100.0
C52	Vagina	53	84.1	-	-	-	-	-	-	-	-	10	15.9	63	100.0
C53	Cervix Uteri	1487	66.4	-	-	325	14.5	-	-	-	-	429	19.1	2241	100.0
C54	Corpus Uteri	411	84.0	-	-	21	4.3	-	-	-	-	57	11.7	489	100.0
C55	Uterus Unspecified	61	71.8	-	-	1	1.2	-	-	-	-	23	27.1	85	100.0
C56	Ovary etc.	732	67.7	1	0.1	146	13.5	-	-	-	-	202	18.7	1081	100.0
C57	Other Female Genital	3	25.0	-	-	1	8.3	-	-	-	-	8	66.7	12	100.0
C58	Placenta	20	69.0	-	-	5	17.2	-	-	-	-	4	13.8	29	100.0
C64	Kidney etc.	137	76.5	-	-	21	11.7	-	-	-	-	21	11.7	179	100.0
C65	Renal Pelvis	1	50.0	-	-	-	-	-	-	-	-	1	50.0	2	100.0
C66	Ureter	1	50.0	1	50.0	-	-	-	-	-	-	-	-	2	100.0
C67	Bladder	108	70.6	1	0.7	5	3.3	-	-	-	-	39	25.5	153	100.0
C68	Uns. Urinary Organs	1	100.0	-	-	-	-	-	-	-	-	-	-	1	100.0
C69	Eye	27	90.0	-	-	-	-	-	-	-	-	3	10.0	30	100.0
C70-72	Brain, Nervous System	294	81.7	-	-	3	0.8	-	-	-	-	63	17.5	360	100.0
C73	Thyroid	230	63.2	-	-	49	13.5	-	-	-	-	85	23.4	364	100.0
C74	Adrenal Gland	15	68.2	-	-	2	9.1	-	-	-	-	5	22.7	22	100.0
C77	Sec Lymph Nodes	7	7.9	43	48.3	31	34.8	-	-	-	-	8	9.0	89	100.0
C78	Sec Resp & Digestive	-	-	99	76.7	28	21.7	-	-	-	-	2	1.6	129	100.0
C79	Sec Others	-	-	87	85.3	13	12.7	-	-	-	-	2	2.0	102	100.0
C81	Hodgkins Disease	112	97.4	-	-	3	2.6	-	-	-	-	-	-	115	100.0
C82-85, C96	NHL	415	96.1	-	-	12	2.8	-	-	5	1.2	-	-	432	100.0
C90	Multiple Myeloma	1	0.6	-	-	-	-	-	-	171	99.4	-	-	172	100.0
C91	Lymphoid Leuk.	-	-	-	-	-	-	-	-	198	100.0	-	-	198	100.0
C92-94	Myeloid Leukaemia	-	-	-	-	-	-	-	-	306	100.0	-	-	306	100.0
C95	Leukaemia Uns	-	-	-	-	-	-	-	-	73	100.0	-	-	73	100.0
O&U	Other and Uns	99	25.6	-	-	49	12.7	-	-	-	-	239	61.8	387	100.0
	All Sites	8528	56.7	238	1.6	2746	18.3	1	0.0	753	5.0	2778	18.5	15044	100.0

**TABLE DEL-7 (a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Delhi

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	1	-	-	-	-	5	6	6	10	8	10	8	8	3	1	66	3.25
C03-06	Mouth	-	-	-	-	-	1	1	1	4	-	3	9	3	5	1	1	-	29	1.43
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	1	-	3	0.15
C09	Tonsil	-	-	-	-	-	-	1	1	3	6	4	-	2	1	-	1	-	19	0.94
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	1	1	1	-	2	2	-	-	-	7	0.34
C11	Nasopharynx	-	1	-	1	-	-	-	-	-	2	-	2	-	1	-	-	-	7	0.34
C12-13	Hypopharynx	-	-	-	-	-	-	-	-	2	2	2	4	3	2	2	1	-	18	0.89
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	-	-	2	0.10
C15	Oesophagus	-	-	-	-	-	-	2	3	5	11	20	17	23	7	7	10	-	105	5.17
C16	Stomach	-	-	-	1	-	1	2	1	9	5	14	8	9	4	6	3	-	63	3.10
C17	Small Intestine	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	-	-	3	0.15
C18	Colon	1	-	-	-	1	-	2	3	4	7	2	6	7	5	3	5	1	47	2.32
C19-20	Rectum	-	-	-	1	4	2	1	1	8	7	5	4	3	3	2	2	1	44	2.17
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	1	1	-	1	2	1	-	2	-	8	0.39
C22	Liver	2	-	-	-	-	2	2	1	2	5	10	7	9	11	5	7	-	63	3.10
C23-24	Gallbladder etc.	-	-	-	-	-	1	2	4	4	4	16	13	9	8	9	7	1	78	3.84
C25	Pancreas	-	1	-	-	-	1	1	-	3	6	1	7	7	6	7	5	2	47	2.32
C30-31	Nose, Sinuses etc.	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	2	0.10
C32	Larynx	-	-	-	-	-	-	-	1	6	6	11	7	13	11	6	12	2	75	3.70
C33-34	Lung etc.	-	-	-	1	-	1	7	6	21	35	44	31	66	43	35	27	3	320	15.77
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	2	0.10
C40-41	Bone	1	-	6	4	2	2	1	2	-	1	1	1	2	2	1	2	-	28	1.38
C43	Melanoma of Skin	-	-	-	-	-	1	-	-	-	-	2	-	1	-	-	-	-	4	0.20
C44	Other Skin	-	-	-	-	-	-	1	1	-	4	3	-	1	-	-	2	-	12	0.59
C45	Mesothelioma	-	-	-	-	-	-	-	1	-	1	4	1	2	2	1	1	-	13	0.64
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	2	1	1	-	1	3	4	1	1	1	-	-	3	1	-	-	-	19	0.94
C50	Breast	-	-	-	-	-	-	-	-	3	-	-	-	1	3	-	2	-	9	0.44
C60	Penis	-	-	-	-	-	-	3	1	-	-	3	1	-	-	1	1	-	10	0.49
C61	Prostate	-	-	-	-	-	-	-	-	1	-	5	4	7	9	17	18	-	61	3.01
C62	Testis	-	-	-	1	5	-	3	1	1	1	-	2	-	-	-	-	-	14	0.69
C63	Other Male Genital	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	0.05
C64	Kidney etc.	2	2	-	-	-	-	-	1	2	5	1	3	3	5	-	2	-	26	1.28
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	1	-	-	-	-	-	1	1	1	4	8	7	11	12	9	12	-	67	3.30
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	3	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	0.25
C70-72	Brain, Nervous System	4	8	3	4	4	4	4	6	4	9	10	7	1	5	3	4	2	82	4.04
C73	Thyroid	-	-	-	-	-	-	-	1	-	1	1	-	2	1	-	-	-	6	0.30
C74	Adrenal Gland	4	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	6	0.30
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	-	-	1	1	2	-	1	2	-	7	0.34
C78	Sec Resp & Digestive	-	-	1	-	1	-	-	2	1	-	2	8	5	2	3	3	-	28	1.38
C79	Sec Others	-	-	-	1	-	-	1	1	2	1	-	4	1	3	3	2	-	19	0.94
C81	Hodgkins Disease	2	2	1	-	-	2	3	1	2	1	-	-	1	3	2	1	-	21	1.03
C82-85,C96	NHL	3	9	4	5	8	11	3	11	7	8	14	7	15	15	12	10	1	143	7.05
C90	Multiple Myeloma	-	-	1	-	-	-	-	1	5	5	7	5	8	6	5	3	-	46	2.27
C91	Lymphoid Leuk.	30	16	24	15	11	5	6	5	3	4	4	3	3	-	5	3	-	137	6.75
C92-94	Myeloid Leukaemia	5	3	4	9	7	10	15	13	10	13	9	4	9	6	3	1	1	122	6.01
C95	Leukaemia Uns	7	3	3	2	5	8	4	2	4	4	3	2	1	2	1	-	-	51	2.51
O&U	Other and Uns	2	3	1	1	1	1	2	4	4	5	17	7	9	6	10	7	2	82	4.04
	All Sites	70	52	50	46	50	56	72	83	133	173	240	194	258	203	169	163	17	2029	100.00

**TABLE DEL-7 (b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Females**

% = Relative Proportion of Cancers of All Sites.

Delhi

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	Tongue	-	-	-	1	-	-	2	-	3	3	-	2	1	1	2	-	-	15	1.07
C03-06	Mouth	-	-	-	-	-	-	-	-	-	-	2	-	-	1	2	1	1	7	0.50
C07-8	Salivary Gland	-	-	-	-	-	-	-	-	-	-	-	2	1	-	-	-	-	3	0.21
C09	Tonsil	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	0.07
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	Nasopharynx	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	2	0.14
C12-13	Hypopharynx	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	3	0.21
C14	Pharynx Unspecified	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	2	0.14
C15	Oesophagus	-	-	-	-	-	-	2	2	6	6	7	4	9	2	5	2	-	45	3.21
C16	Stomach	-	-	-	-	-	2	1	1	2	3	5	2	3	3	2	1	-	25	1.78
C17	Small Intestine	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-	-	3	0.21
C18	Colon	-	-	-	-	1	-	-	3	2	3	1	6	3	2	3	2	-	26	1.85
C19-20	Rectum	-	-	-	-	-	1	-	-	1	5	1	-	2	1	2	1	-	14	1.00
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	-	1	1	2	1	-	-	-	5	0.36
C22	Liver	-	-	-	-	-	1	-	1	4	1	4	4	5	4	4	3	-	31	2.21
C23-24	Gallbladder etc.	-	-	-	-	-	1	1	4	7	13	16	12	23	11	11	8	-	107	7.62
C25	Pancreas	-	-	-	-	-	1	-	1	1	1	2	1	5	4	2	1	-	19	1.35
C30-31	Nose, Sinuses etc.	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	0.14
C32	Larynx	-	-	-	-	-	-	1	-	-	3	-	1	-	1	1	1	-	8	0.57
C33-34	Lung etc.	-	-	-	-	-	1	2	2	5	5	14	2	7	13	1	2	-	54	3.85
C37-38	Other Thoracic Organs	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.07
C40-41	Bone	-	-	6	2	1	-	1	-	2	-	-	2	1	2	2	1	-	20	1.42
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	0.14
C44	Other Skin	-	-	-	-	-	-	-	-	-	2	-	2	-	1	1	1	-	7	0.50
C45	Mesothelioma	-	-	-	-	-	-	-	-	1	1	-	2	-	-	-	1	-	5	0.36
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	-	-	1	1	1	1	-	-	1	2	1	-	1	-	1	-	-	10	0.71
C50	Breast	-	-	-	-	-	9	8	19	32	29	48	39	20	22	14	11	3	254	18.09
C51	Vulva	-	-	-	-	1	-	-	1	-	-	-	-	1	-	1	1	-	5	0.36
C52	Vagina	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	2	0.14
C53	Cervix Uteri	-	-	-	-	-	1	4	6	18	16	13	11	9	12	10	3	-	103	7.34
C54	Corpus Uteri	-	-	-	-	1	1	-	-	-	3	2	3	2	3	3	1	-	19	1.35
C55	Uterus Unspecified	-	-	-	-	-	2	-	-	1	2	-	1	1	1	-	1	-	9	0.64
C56	Ovary etc.	-	-	-	1	2	4	7	9	14	15	19	15	12	5	6	8	-	117	8.33
C57	Other Female Genital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	Placenta	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	2	0.14
C64	Kidney etc.	1	-	-	1	-	1	-	-	3	1	1	2	2	1	2	1	-	16	1.14
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	Bladder	-	-	-	-	-	-	-	-	-	-	2	-	4	-	4	4	-	14	1.00
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	Eye	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0.07
C70-72	Brain, Nervous System	3	3	6	4	6	1	7	5	5	6	3	2	2	5	2	-	-	60	4.27
C73	Thyroid	-	-	-	-	-	-	-	-	2	3	1	2	4	2	2	-	-	16	1.14
C74	Adrenal Gland	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0.14
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	-	2	0.14
C78	Sec Resp & Digestive	-	-	-	-	-	-	1	1	4	-	1	2	3	1	4	2	-	19	1.35
C79	Sec Others	-	-	-	-	-	-	1	3	4	-	4	2	1	2	1	1	-	19	1.35
C81	Hodgkins Disease	-	-	1	2	-	-	-	1	-	1	1	-	2	2	1	2	-	13	0.93
C82-85,C96	NHL	2	-	3	1	6	1	3	2	9	1	8	7	9	10	7	7	-	76	5.41
C90	Multiple Myeloma	-	-	-	-	-	-	-	3	1	1	1	-	-	6	4	2	-	18	1.28
C91	Lymphoid Leuk.	7	8	4	7	4	-	2	6	1	3	2	3	3	1	2	2	-	55	3.92
C92-94	Myeloid Leukaemia	1	6	3	1	6	9	7	5	7	6	4	4	3	1	2	3	-	68	4.84
C95	Leukaemia Uns	4	3	6	1	1	1	3	1	1	-	2	-	-	1	2	-	-	26	1.85
O&U	Other and Uns	2	-	1	-	-	2	1	7	5	9	10	13	6	6	5	4	-	71	5.06
	All Sites	23	20	32	23	31	40	56	83	144	148	178	150	150	130	112	80	4	1404	100.00

TABLE: DEL-8(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: 2001-2003 - Males
Delhi

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	0.0	-	-	-	-	0.3	0.4	0.6	1.3	1.6	2.6	2.8	3.8	1.4	0.3	0.5	0.06	1.0
C03-06	-	-	-	-	-	0.0	0.1	0.1	0.3	-	0.4	1.8	0.8	1.7	0.5	0.5	0.1	0.2	0.04	0.5
C07-8	-	-	-	-	-	-	-	-	0.1	-	-	-	0.3	-	-	0.5	0.0	0.0	0.01	0.0
C09	-	-	-	-	-	-	0.1	0.1	0.2	0.6	0.5	-	0.5	0.3	-	0.5	0.1	0.1	0.03	0.3
C10	-	-	-	-	-	-	-	-	0.1	0.1	0.1	-	0.5	0.7	-	-	0.0	0.1	0.02	0.1
C11	-	0.0	-	0.0	-	-	-	-	-	0.2	-	0.4	-	0.3	-	-	0.0	0.0	0.02	0.1
C12-13	-	-	-	-	-	-	-	-	0.1	0.2	0.3	0.8	0.8	0.7	1.0	0.5	0.1	0.1	0.04	0.3
C14	-	-	-	-	-	-	-	-	0.1	-	-	0.2	-	-	-	-	0.0	0.0	0.01	0.0
C15	-	-	-	-	-	-	0.1	0.2	0.4	1.0	2.6	3.4	5.9	2.4	3.3	4.7	0.5	0.8	0.08	1.9
C16	-	-	-	0.0	-	0.0	0.1	0.1	0.6	0.5	1.8	1.6	2.3	1.4	2.9	1.4	0.3	0.5	0.06	1.0
C17	-	-	-	-	-	-	-	-	-	0.1	0.1	0.2	-	-	-	-	0.0	0.0	0.01	0.1
C18	0.0	-	-	-	0.0	-	0.1	0.2	0.3	0.7	0.3	1.2	1.8	1.7	1.4	2.4	0.2	0.3	0.05	0.6
C19-20	-	-	-	0.0	0.2	0.1	0.1	0.1	0.6	0.7	0.6	0.8	0.8	1.0	1.0	0.9	0.2	0.3	0.04	0.6
C21	-	-	-	-	-	-	-	-	0.1	0.1	-	0.2	0.5	0.3	-	0.9	0.0	0.1	0.02	0.1
C22	0.1	-	-	-	-	0.1	0.1	0.1	0.1	0.5	1.3	1.4	2.3	3.8	2.4	3.3	0.3	0.5	0.07	0.8
C23-24	-	-	-	-	-	0.0	0.1	0.2	0.3	0.4	2.1	2.6	2.3	2.8	4.3	3.3	0.3	0.6	0.07	1.1
C25	-	0.0	-	-	-	0.0	0.1	-	0.2	0.6	0.1	1.4	1.8	2.1	3.3	2.4	0.2	0.4	0.06	0.6
C30-31	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.0	0.0	0.01	-
C32	-	-	-	-	-	-	-	0.1	0.4	0.6	1.4	1.4	3.3	3.8	2.9	5.7	0.3	0.6	0.07	1.0
C33-34	-	-	-	0.0	-	0.0	0.4	0.3	1.5	3.3	5.7	6.2	17.0	14.8	16.7	12.7	1.4	2.6	0.15	4.9
C37-38	-	-	-	-	-	-	-	-	-	-	0.1	0.2	-	-	-	-	0.0	0.0	0.01	0.0
C40-41	0.0	-	0.2	0.2	0.1	0.1	0.1	0.1	-	0.1	0.1	0.2	0.5	0.7	0.5	0.9	0.1	0.2	0.03	0.2
C43	-	-	-	-	-	0.0	-	-	-	-	0.3	-	0.3	-	-	-	0.0	0.0	0.01	0.1
C44	-	-	-	-	-	-	0.1	0.1	-	0.4	0.4	-	0.3	-	-	0.9	0.1	0.1	0.02	0.2
C45	-	-	-	-	-	-	-	0.1	-	0.1	0.5	0.2	0.5	0.7	0.5	0.5	0.1	0.1	0.03	0.2
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	0.1	0.0	0.0	-	0.0	0.1	0.2	0.1	0.1	0.1	-	-	0.8	0.3	-	-	0.1	0.1	0.03	0.1
C50	-	-	-	-	-	-	-	-	0.2	-	-	-	0.3	1.0	-	0.9	0.0	0.1	0.03	0.1
C60	-	-	-	-	-	-	0.2	0.1	-	-	0.4	0.2	-	-	0.5	0.5	0.0	0.1	0.02	0.1
C61	-	-	-	-	-	-	-	-	0.1	-	0.6	0.8	1.8	3.1	8.1	8.5	0.3	0.6	0.07	0.5
C62	-	-	-	0.0	0.2	-	0.2	0.1	0.1	0.1	-	0.4	-	-	-	-	0.1	0.1	0.02	0.1
C63	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	-	0.0	0.0	0.01	0.0
C64	0.1	0.1	-	-	-	-	-	0.1	0.1	0.5	0.1	0.6	0.8	1.7	-	0.9	0.1	0.2	0.04	0.3
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	0.0	-	-	-	-	-	0.1	0.1	0.1	0.4	1.0	1.4	2.8	4.1	4.3	5.7	0.3	0.6	0.07	0.8
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	0.1	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.01	-
C70-72	0.2	0.3	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.8	1.3	1.4	0.3	1.7	1.4	1.9	0.4	0.5	0.06	0.7
C73	-	-	-	-	-	-	-	0.1	-	0.1	0.1	-	0.5	0.3	-	-	0.0	0.0	0.02	0.1
C74	0.2	0.0	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C77	-	-	-	-	-	-	-	-	-	-	0.1	0.2	0.5	-	0.5	0.9	0.0	0.1	0.02	0.1
C78	-	-	0.0	-	0.0	-	-	0.1	0.1	-	0.3	1.6	1.3	0.7	1.4	1.4	0.1	0.2	0.04	0.4
C79	-	-	-	0.0	-	-	0.1	0.1	0.1	0.1	-	0.8	0.3	1.0	1.4	0.9	0.1	0.1	0.04	0.2
C81	0.1	0.1	0.0	-	-	0.1	0.2	0.1	0.1	0.1	-	-	0.3	1.0	1.0	0.5	0.1	0.1	0.03	0.1
C82-85,C96	0.1	0.4	0.2	0.2	0.3	0.5	0.2	0.6	0.5	0.8	1.8	1.4	3.9	5.2	5.7	4.7	0.6	0.9	0.09	1.3
C90	-	-	0.0	-	-	-	-	0.1	0.4	0.5	0.9	1.0	2.1	2.1	2.4	1.4	0.2	0.4	0.06	0.7
C91	1.4	0.7	1.0	0.6	0.5	0.2	0.3	0.3	0.2	0.4	0.5	0.6	0.8	-	2.4	1.4	0.6	0.7	0.06	0.4
C92-94	0.2	0.1	0.2	0.4	0.3	0.5	0.8	0.8	0.7	1.2	1.2	0.8	2.3	2.1	1.4	0.5	0.5	0.6	0.06	1.1
C95	0.3	0.1	0.1	0.1	0.2	0.4	0.2	0.1	0.3	0.4	0.4	0.4	0.3	0.7	0.5	-	0.2	0.3	0.04	0.3
O&U	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.5	2.2	1.4	2.3	2.1	4.8	3.3	0.4	0.6	0.07	1.0
All	3.3	2.2	2.0	1.9	2.1	2.5	3.9	4.8	9.5	16.3	31.0	38.6	66.4	69.8	80.6	76.9	9.0	14.4	0.34	24.5

TABLE: DEL-8(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: 2001-2003 - Females
Delhi

ICD-10	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
C00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C01-02	-	-	-	0.1	-	-	0.1	-	0.3	0.4	-	0.5	0.3	0.3	1.0	-	0.1	0.1	0.03	0.2
C03-06	-	-	-	-	-	-	-	-	-	-	0.3	-	-	0.3	1.0	0.5	0.0	0.1	0.02	0.1
C07-8	-	-	-	-	-	-	-	-	-	-	-	0.5	0.3	-	-	-	0.0	0.0	0.02	0.1
C09	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	-	0.0	0.0	0.01	-
C10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C11	-	-	-	0.1	-	-	-	-	-	0.1	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C12-13	-	-	-	-	-	-	0.1	-	0.2	-	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C14	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	0.5	0.0	0.0	0.01	0.0
C15	-	-	-	-	-	-	0.1	0.1	0.6	0.7	1.2	0.9	2.4	0.7	2.6	1.0	0.2	0.4	0.06	0.9
C16	-	-	-	-	-	0.1	0.1	0.1	0.2	0.4	0.9	0.5	0.8	1.0	1.0	0.5	0.1	0.2	0.04	0.4
C17	-	-	-	-	-	-	-	-	-	-	-	0.2	0.3	0.3	-	-	0.0	0.0	0.02	0.1
C18	-	-	-	-	0.1	-	-	0.2	0.2	0.4	0.2	1.4	0.8	0.7	1.6	1.0	0.1	0.2	0.04	0.5
C19-20	-	-	-	-	-	0.1	-	-	0.1	0.6	0.2	-	0.5	0.3	1.0	0.5	0.1	0.1	0.03	0.2
C21	-	-	-	-	-	-	-	-	-	-	0.2	0.2	0.5	0.3	-	-	0.0	0.0	0.02	0.1
C22	-	-	-	-	-	0.1	-	0.1	0.4	0.1	0.7	0.9	1.3	1.3	2.1	1.5	0.2	0.3	0.05	0.5
C23-24	-	-	-	-	-	0.1	0.1	0.3	0.7	1.6	2.8	2.8	6.0	3.7	5.7	4.0	0.6	1.0	0.09	2.1
C25	-	-	-	-	-	0.1	-	0.1	0.1	0.1	0.3	0.2	1.3	1.3	1.0	0.5	0.1	0.2	0.04	0.3
C30-31	-	-	0.0	-	-	-	-	-	-	-	-	-	-	0.3	-	-	0.0	0.0	0.01	-
C32	-	-	-	-	-	-	0.1	-	-	0.4	-	0.2	-	0.3	0.5	0.5	0.0	0.1	0.02	0.1
C33-34	-	-	-	-	-	0.1	0.1	0.1	0.5	0.6	2.4	0.5	1.8	4.4	0.5	1.0	0.3	0.5	0.06	0.9
C37-38	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C40-41	-	-	0.3	0.1	0.1	-	0.1	-	0.2	-	-	0.5	0.3	0.7	1.0	0.5	0.1	0.1	0.03	0.1
C43	-	-	-	-	-	-	-	-	-	-	0.2	-	0.3	-	-	-	0.0	0.0	0.01	0.1
C44	-	-	-	-	-	-	-	-	-	0.2	-	0.5	-	0.3	0.5	0.5	0.0	0.1	0.02	0.1
C45	-	-	-	-	-	-	-	-	0.1	0.1	-	0.5	-	-	-	0.5	0.0	0.0	0.02	0.1
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	-	-	0.0	0.1	0.1	0.1	-	-	0.1	0.2	0.2	-	0.3	-	0.5	-	0.1	0.1	0.02	0.1
C50	-	-	-	-	-	0.5	0.5	1.3	3.0	3.5	8.3	9.1	5.2	7.4	7.2	5.5	1.4	2.0	0.13	4.7
C51	-	-	-	-	0.1	-	-	0.1	-	-	-	-	0.3	-	0.5	0.5	0.0	0.0	0.02	0.0
C52	-	-	-	-	-	-	-	-	-	0.1	0.2	-	-	-	-	-	0.0	0.0	0.01	0.1
C53	-	-	-	-	-	0.1	0.3	0.4	1.7	1.9	2.3	2.6	2.4	4.0	5.2	1.5	0.6	0.8	0.08	1.8
C54	-	-	-	-	0.1	0.1	-	-	-	0.4	0.3	0.7	0.5	1.0	1.6	0.5	0.1	0.2	0.04	0.3
C55	-	-	-	-	-	0.1	-	-	0.1	0.2	-	0.2	0.3	0.3	-	0.5	0.0	0.1	0.02	0.1
C56	-	-	-	0.1	0.1	0.2	0.5	0.6	1.3	1.8	3.3	3.5	3.1	1.7	3.1	4.0	0.6	0.9	0.09	2.1
C57	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C58	-	-	-	-	0.1	-	0.1	-	-	-	-	-	-	-	-	-	0.0	0.0	0.01	-
C64	0.1	-	-	0.1	-	0.1	-	-	0.3	0.1	0.2	0.5	0.5	0.3	1.0	0.5	0.1	0.1	0.03	0.2
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C67	-	-	-	-	-	-	-	-	-	-	0.3	-	1.0	-	2.1	2.0	0.1	0.1	0.04	0.2
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C69	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.01	-
C70-72	0.2	0.1	0.3	0.2	0.3	0.1	0.5	0.3	0.5	0.7	0.5	0.5	0.5	1.7	1.0	-	0.3	0.4	0.05	0.5
C73	-	-	-	-	-	-	-	-	0.2	0.4	0.2	0.5	1.0	0.7	1.0	-	0.1	0.1	0.04	0.3
C74	0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.01	-
C77	-	-	-	-	-	-	-	-	-	-	-	-	0.3	-	-	0.5	0.0	0.0	0.01	0.0
C78	-	-	-	-	-	-	0.1	0.1	0.4	-	0.2	0.5	0.8	0.3	2.1	1.0	0.1	0.2	0.04	0.3
C79	-	-	-	-	-	-	0.1	0.2	0.4	-	0.7	0.5	0.3	0.7	0.5	0.5	0.1	0.1	0.03	0.3
C81	-	-	0.0	0.1	-	-	-	0.1	-	0.1	0.2	-	0.5	0.7	0.5	1.0	0.1	0.1	0.03	0.1
C82-85,C96	0.1	-	0.1	0.1	0.3	0.1	0.2	0.1	0.9	0.1	1.4	1.6	2.4	3.4	3.6	3.5	0.4	0.6	0.07	1.0
C90	-	-	-	-	-	-	-	0.2	0.1	0.1	0.2	-	-	2.0	2.1	1.0	0.1	0.2	0.04	0.1
C91	0.4	0.4	0.2	0.4	0.2	-	0.1	0.4	0.1	0.4	0.3	0.7	0.8	0.3	1.0	1.0	0.3	0.3	0.05	0.4
C92-94	0.1	0.3	0.1	0.1	0.3	0.5	0.5	0.3	0.7	0.7	0.7	0.9	0.8	0.3	1.0	1.5	0.4	0.4	0.05	0.7
C95	0.2	0.1	0.3	0.1	0.1	0.1	0.2	0.1	0.1	-	0.3	-	-	0.3	1.0	-	0.1	0.1	0.03	0.1
O&U	0.1	-	0.0	-	-	0.1	0.1	0.5	0.5	1.1	1.7	3.0	1.6	2.0	2.6	2.0	0.4	0.6	0.07	1.3
All	1.3	1.0	1.5	1.3	1.7	2.2	3.6	5.8	13.7	17.9	30.9	35.0	39.2	43.8	57.9	40.1	7.6	11.1	0.31	21.8

TABLE DEL-9(a): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003:
Males - Delhi

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.01	0.01	0.02	0.02
C01-02	Tongue	0.48	0.48	0.78	0.77
C03-06	Mouth	0.29	0.29	0.45	0.45
C07-8	Salivary Gland	0.06	0.06	0.10	0.10
C09	Tonsil	0.14	0.14	0.21	0.21
C10	Oth. Oropharynx	0.06	0.06	0.11	0.11
C11	Nasopharynx	0.05	0.05	0.07	0.07
C12-13	Hypopharynx	0.17	0.17	0.34	0.34
C14	Pharynx Unspecified	0.03	0.03	0.04	0.04
C15	Oesophagus	0.34	0.34	0.57	0.57
C16	Stomach	0.22	0.22	0.38	0.38
C17	Small Intestine	0.02	0.02	0.02	0.02
C18	Colon	0.17	0.17	0.29	0.29
C19-20	Rectum	0.13	0.13	0.24	0.24
C21	Anus & Anal Canal	0.05	0.05	0.10	0.10
C22	Liver	0.17	0.17	0.31	0.31
C23-24	Gallbladder etc.	0.25	0.25	0.44	0.44
C25	Pancreas	0.14	0.14	0.29	0.29
C30-31	Nose, Sinuses etc.	0.01	0.01	0.02	0.02
C32	Larynx	0.50	0.50	0.94	0.94
C33-34	Lung etc.	0.94	0.94	1.78	1.76
C37-38	Other Thoracic Organs	0.01	0.01	0.02	0.02
C40-41	Bone	0.13	0.13	0.18	0.18
C43	Melanoma of Skin	0.01	0.01	0.02	0.02
C44	Other Skin	0.12	0.12	0.19	0.19
C45	Mesothelioma	0.03	0.03	0.05	0.05
C46	Kaposi Sarcoma	-	-	-	-
C47 + C49	Conn. & Soft Tissue	0.13	0.13	0.20	0.20
C50	Breast	0.04	0.04	0.07	0.07
C60	Penis	0.06	0.06	0.10	0.10
C61	Prostate	0.26	0.26	0.99	0.98
C62	Testis	0.05	0.05	0.06	0.06
C63	Other Male Genital	0.00	0.00	0.01	0.01
C64	Kidney etc.	0.15	0.15	0.27	0.27
C65	Renal Pelvis	0.00	0.00	0.00	0.00
C66	Ureter	0.00	0.00	0.00	0.00
C67	Bladder	0.35	0.35	0.80	0.80
C68	Uns.Urinary Organs	0.00	0.00	0.00	0.00
C69	Eye	0.02	0.02	0.02	0.02
C70-72	Brain, Nervous System	0.27	0.27	0.40	0.40
C73	Thyroid	0.07	0.07	0.11	0.11
C74	Adrenal Gland	0.01	0.01	0.02	0.02
C77	Sec Lymph Nodes	0.11	0.11	0.19	0.19
C78	Sec Resp & Digestive	0.11	0.11	0.19	0.19
C79	Sec Others	0.10	0.10	0.21	0.21
C81	Hodgkins Disease	0.10	0.10	0.13	0.13
C82-85,C96	NHL	0.32	0.32	0.61	0.60
C90	Multiple Myeloma	0.15	0.15	0.28	0.28
C91	Lymphoid Leuk.	0.14	0.14	0.21	0.21
C92-94	Myeloid Leukaemia	0.19	0.19	0.25	0.25
C95	Leukaemia Uns	0.05	0.05	0.07	0.07
O&U	Other and Uns	0.22	0.22	0.40	0.40
	All Sites	7.47	7.20	13.60	12.72

TABLE DEL-9(b): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003: Females - Delhi

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.01	0.01	0.02	0.02
C01-02	Tongue	0.14	0.13	0.20	0.20
C03-06	Mouth	0.11	0.11	0.19	0.19
C07-8	Salivary Gland	0.04	0.04	0.06	0.06
C09	Tonsil	0.03	0.03	0.05	0.05
C10	Oth. Oropharynx	0.01	0.01	0.01	0.01
C11	Nasopharynx	0.02	0.02	0.03	0.03
C12-13	Hypopharynx	0.03	0.03	0.06	0.06
C14	Pharynx Unspecified	0.00	0.00	0.01	0.01
C15	Oesophagus	0.21	0.21	0.37	0.37
C16	Stomach	0.12	0.12	0.18	0.18
C17	Small Intestine	0.01	0.01	0.02	0.02
C18	Colon	0.14	0.14	0.22	0.22
C19-20	Rectum	0.10	0.10	0.16	0.16
C21	Anus & Anal Canal	0.03	0.03	0.04	0.04
C22	Liver	0.10	0.10	0.16	0.16
C23-24	Gallbladder etc.	0.54	0.54	0.90	0.89
C25	Pancreas	0.08	0.08	0.18	0.18
C30-31	Nose, Sinuses etc.	0.01	0.01	0.01	0.01
C32	Larynx	0.07	0.07	0.13	0.13
C33-34	Lung etc.	0.22	0.21	0.38	0.38
C37-38	Other Thoracic Organs	0.01	0.01	0.01	0.01
C40-41	Bone	0.08	0.08	0.12	0.12
C43	Melanoma of Skin	0.02	0.02	0.03	0.03
C44	Other Skin	0.07	0.07	0.14	0.14
C45	Mesothelioma	0.02	0.02	0.03	0.03
C46	Kaposi Sarcoma	-	-	-	-
C47 + C49	Conn. & Soft Tissue	0.14	0.14	0.18	0.18
C50	Breast	2.34	2.31	3.26	3.21
C51	Vulva	0.03	0.03	0.06	0.06
C52	Vagina	0.04	0.04	0.06	0.06
C53	Cervix Uteri	1.43	1.42	2.05	2.03
C54	Corpus Uteri	0.33	0.33	0.55	0.54
C55	Uterus Unspecified	0.05	0.05	0.08	0.08
C56	Ovary etc.	0.62	0.62	0.87	0.86
C57	Other Female Genital	0.01	0.01	0.01	0.01
C58	Placenta	0.01	0.01	0.01	0.01
C64	Kidney etc.	0.08	0.08	0.13	0.13
C65	Renal Pelvis	0.00	0.00	0.00	0.00
C66	Ureter	0.00	0.00	0.00	0.00
C67	Bladder	0.09	0.09	0.16	0.16
C68	Uns.Urinary Organs	-	-	0.00	0.00
C69	Eye	0.01	0.01	0.01	0.01
C70-72	Brain, Nervous System	0.17	0.17	0.22	0.22
C73	Thyroid	0.17	0.17	0.25	0.25
C74	Adrenal Gland	0.01	0.01	0.01	0.01
C77	Sec Lymph Nodes	0.05	0.05	0.08	0.08
C78	Sec Resp & Digestive	0.08	0.08	0.14	0.14
C79	Sec Others	0.06	0.06	0.11	0.11
C81	Hodgkins Disease	0.06	0.06	0.08	0.08
C82-85,C96	NHL	0.22	0.22	0.37	0.37
C90	Multiple Myeloma	0.09	0.09	0.19	0.19
C91	Lymphoid Leuk.	0.07	0.07	0.11	0.11
C92-94	Myeloid Leukaemia	0.15	0.15	0.19	0.18
C95	Leukaemia Uns	0.03	0.03	0.04	0.04
O&U	Other and Uns	0.21	0.21	0.33	0.33
	All Sites	8.77	8.40	13.25	12.41

POPULATION BASED CANCER REGISTRY, MUMBAI

Indian Cancer Society, Mumbai

Dr A.P.Kurkure, Principal Investigator

Dr B.B.Yeole, Deputy Director and Co-Investigator

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 Biometry Branch of the National Cancer Institute of USA and also received financial support from the branch till 1975. From 1976 to 1980 financial support was received from the Departments 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 gynecologists. 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 seven Medical colleges. The diagnosis and treatment of cancer is centralized 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 nine hospitals.

General medical practitioners are not contacted individually as, according to local practice, only specialist assume charge of cancer patients in private hospitals and nursing homes and very few patients who are not admitted for hospital care are at some stage referred to specialist.

Staff of registry, visit the wards of all collaborating hospitals, at least once a week, to interview each cancer patients as well as those suspected having cancer. All files maintained by 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 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 kilometers situated between latitudes 18°54' to 19°16' N and longitudes 70°47 to 70°E. Greater Bombay is, in fact, an island, joined by bridges, and has a warm, humid climate. Census of the population is taken at regular ten-year intervals, the last been taken in March 2001. At the census 11,914,398 persons were recorded (65,77,902 males and 53,36,496 females). 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 67.4% being Hindus, 18.6% Muslims, 3.7% Christians and 5.2% Neo-Budhists and 3.6% Jains, 0.6% Parsis (Zorostrians) and 0.5% Sikhs.

The reliability of data and quality of the registration has considerably improved. At present percentage of microscopic confirmed cases is 85.2% and the percentage of cases diagnosed through death certificate alone is 6.5%. The ratio of mortality / incidence [M/I%] for the year 2006 is 48%. Registry collects information on multiple cancers as per the guidelines and definition provided by the International Association of Cancer Registries.

Registry publishes yearly reports regularly. The registry has published more than 100 articles in indexed journals and 40 monographs on cancer incidence and mortality. The registry data is also used by public health workers for epidemiologic studies, by government for cancer control programme, by journalists for public education and by medical companies for promotion of their product. Registry records follow-up information for major primary sites for the cases registered 1982 onwards.

Figure MUM-1

Population Pyramid showing Age Distribution: 2001-2003

Mumbai

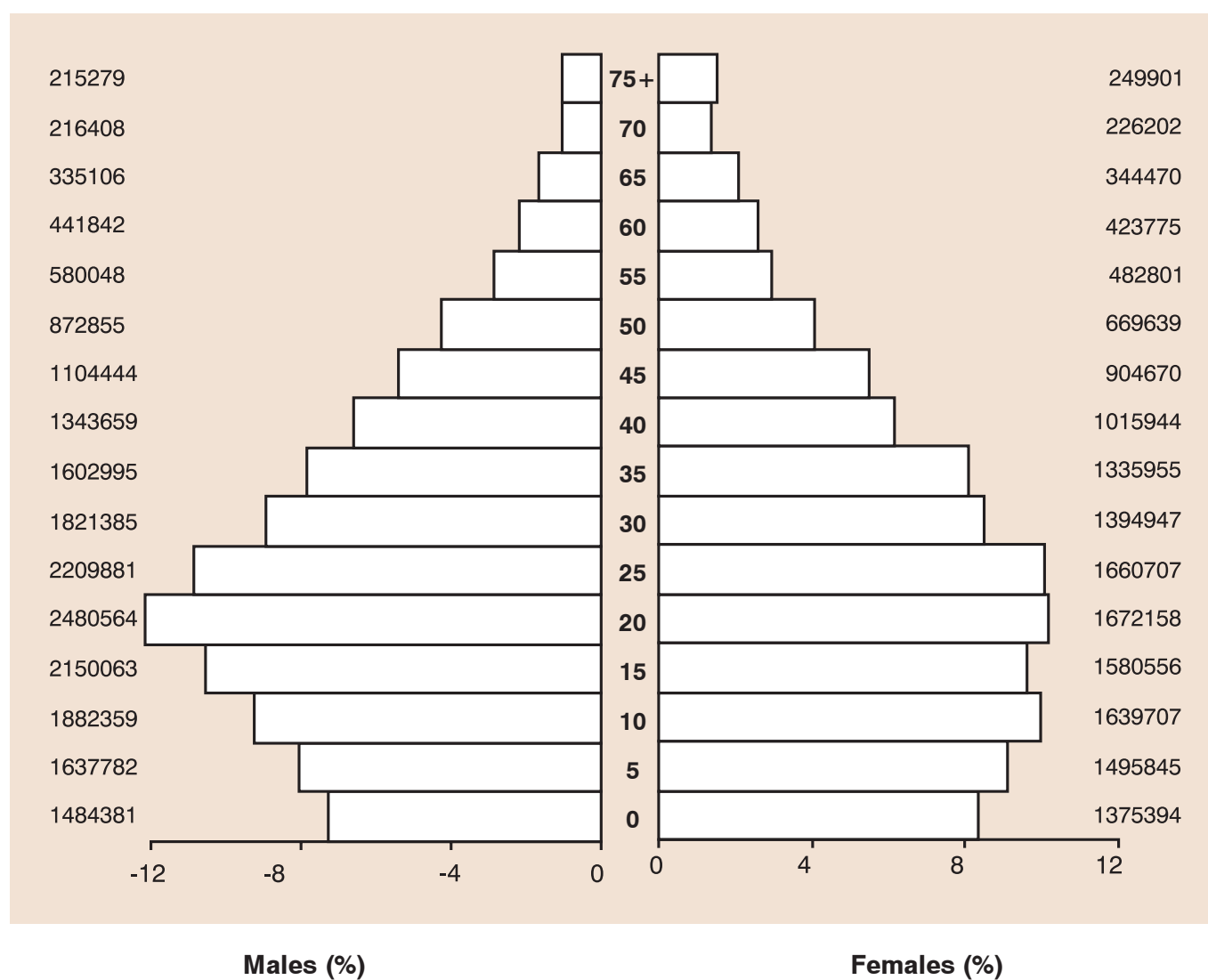


TABLE: MUM - 1**Population by Five Year Age Group and Gender: 2001-2003***Number and Relative Proportion (%)***Mumbai**

Age Group	MALES		FEMALES	
	Number	%	Number	%
0-4	1484381	7.28	1375394	8.35
5-9	1637782	8.04	1495845	9.08
10-14	1882359	9.24	1639707	9.95
15-19	2150063	10.55	1580556	9.60
20-24	2480564	12.17	1672158	10.15
25-29	2209881	10.84	1660707	10.08
30-34	1821385	8.94	1394947	8.47
35-39	1602995	7.87	1335955	8.11
40-44	1343659	6.59	1015944	6.17
45-49	1104444	5.42	904670	5.49
50-54	872855	4.28	669639	4.07
55-59	580048	2.85	482801	2.93
60-64	441842	2.17	423775	2.57
65-69	335106	1.64	344470	2.09
70-74	216408	1.06	226202	1.37
75+	215279	1.06	249901	1.52
	20379052	100.00	16472673	100.00

TABLE : MUM- 2
Main Sources of Registration of Incident Cases of Cancer : 2001-2003
Mumbai

Name of the Institution (Source Code)	Number	%
T.M.H.	6763	24.58
BMC	2310	8.39
Other Small Hospitals	2096	7.62
K.E.M.	1767	6.42
Bombay Hospital	1685	6.12
Nanavati	1420	5.16
Nair	1042	3.79
Jaslok	979	3.56
National	909	3.30
L.T.M.G, Sion	894	3.25
Ismail Gen. (Pak)	753	2.74
Breach Candy	682	2.48
Shanti Avedna	522	1.90
J.J.	484	1.76
H.N.	413	1.50
Bhatia	406	1.48
Lilavati	342	1.24
Cama And Albless	285	1.04
Hol Spirit	277	1.01
Gurunanak	261	0.95
Rajawadi	248	0.90
St. Georges	221	0.80
Shushrusha	212	0.77
LRTC	200	0.73
Others	2348	8.53
Total All Sources	27519	100.00

1. Institutions listed have registered at least one percent of all cases in the registry for the combined years 2001-2003.
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-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Mumbai

ICD-10	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+	Unkn	Total	%
C00	Lip	-	1	-	-	-	-	3	4	3	4	12	7	8	3	1	9	-	55	0.4
C01-02	Tongue	-	-	-	-	6	5	25	34	74	79	99	94	71	73	49	65	-	674	4.91
C03-06	Mouth	1	2	1	2	4	11	43	70	127	133	168	140	126	108	62	53	5	1056	7.69
C07-8	Salivary Gland	-	-	-	1	3	3	3	4	6	10	8	13	10	4	8	8	-	81	0.59
C09	Tonsil	-	-	-	-	-	1	2	5	5	14	26	21	18	18	15	7	-	132	0.96
C10	Oth. Oropharynx	-	-	-	-	-	-	-	4	4	6	14	18	11	12	12	10	-	91	0.66
C11	Nasopharynx	1	-	3	6	3	-	1	2	2	6	9	8	9	5	7	3	2	67	0.49
C12-13	Hypopharynx	-	-	-	1	-	-	3	10	29	41	56	58	53	82	68	47	-	448	3.26
C14	Pharynx Unspecified	-	-	-	-	-	-	-	1	5	7	7	12	14	14	10	21	-	91	0.66
C15	Oesophagus	-	1	1	-	2	2	8	18	32	43	101	104	107	135	99	133	1	787	5.73
C16	Stomach	-	-	-	3	3	3	12	15	37	41	63	64	98	86	56	75	2	558	4.06
C17	Small Intestine	-	-	-	-	-	-	-	3	3	8	4	7	5	2	7	4	-	43	0.31
C18	Colon	1	-	3	4	5	6	19	21	38	40	45	40	38	46	41	63	1	411	2.99
C19-20	Rectum	2	-	2	2	13	10	16	24	22	34	40	45	53	41	38	67	1	410	2.99
C21	Anus & Anal Canal	-	-	-	1	-	-	2	6	3	4	7	5	8	5	1	3	-	45	0.33
C22	Liver	9	4	1	1	1	4	5	15	11	29	44	54	81	106	77	84	-	526	3.83
C23-24	Gallbladder etc.	-	2	-	-	3	2	7	9	15	19	33	17	33	38	26	31	-	235	1.71
C25	Pancreas	-	-	1	-	3	2	4	4	7	19	33	30	45	30	43	47	-	268	1.95
C30-31	Nose, Sinuses etc.	-	-	-	-	2	-	2	6	6	11	15	11	3	8	8	7	-	79	0.58
C32	Larynx	1	-	-	-	1	2	6	14	43	62	93	77	113	133	123	122	2	792	5.77
C33-34	Lung etc.	-	-	-	3	5	2	12	15	44	89	92	148	181	200	165	168	1	1125	8.2
C37-38	Other Thoracic Organs	-	-	1	1	1	-	2	2	-	5	7	8	3	1	2	2	-	35	0.25
C40-41	Bone	6	11	15	38	16	13	8	11	9	9	6	7	8	15	9	4	-	185	1.35
C43	Melanoma of Skin	-	-	1	2	1	-	2	1	7	2	5	4	1	6	4	6	2	44	0.32
C44	Other Skin	-	1	2	2	8	8	8	8	7	18	21	25	18	16	14	27	1	184	1.34
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	1	1	-	-	1	-	-	-	3	0.02
C46	Kaposi Sarcoma	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	0.01
C47+C49	Conn. & Soft Tissue	6	3	5	15	10	11	10	14	14	12	16	9	16	16	12	8	2	179	1.3
C50	Breast	1	-	-	-	2	-	-	-	2	8	7	3	7	9	5	8	2	54	0.39
C60	Penis	-	-	-	-	-	2	2	10	10	11	25	16	19	11	8	22	-	136	0.99
C61	Prostate	-	1	-	-	1	3	3	3	3	4	25	48	90	126	156	267	3	733	5.34
C62	Testis	8	-	2	9	15	23	28	17	9	8	3	1	4	1	5	5	-	138	1.01
C63	Other Male Genital	-	-	-	-	-	-	-	-	2	-	-	1	-	1	-	1	-	5	0.04
C64	Kidney etc.	14	2	1	-	1	5	1	10	20	32	33	36	44	33	31	16	-	279	2.03
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	1	-	-	1	-	1	1	-	4	0.03
C67	Bladder	2	-	-	1	1	-	10	10	17	30	38	48	69	70	66	87	2	451	3.29
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	1	-	-	1	-	-	-	1	-	3	0.02
C69	Eye	8	1	-	-	1	1	1	2	-	-	2	1	-	2	-	-	-	19	0.14
C70-72	Brain, Nervous System	24	45	39	28	39	38	42	41	50	55	66	49	35	48	36	21	-	656	4.78
C73	Thyroid	1	1	2	2	2	8	8	10	7	12	20	10	13	10	7	8	1	122	0.89
C74	Adrenal Gland	5	4	3	-	2	-	1	1	2	1	1	2	-	1	1	1	1	26	0.19
C77	Sec Lymph Nodes	-	-	-	2	3	4	2	6	6	17	28	39	33	30	16	26	1	213	1.55
C78	Sec Resp & Digestive	-	-	-	-	-	3	3	15	9	18	17	24	18	24	15	16	1	163	1.19
C79	Sec Others	-	-	1	2	-	5	2	1	3	4	13	8	10	13	8	10	-	80	0.58
C81	Hodgkins Disease	6	19	19	11	10	6	12	17	8	5	11	16	7	12	7	7	-	173	1.26
C82-85,C96	NHL	10	16	25	19	19	24	43	44	50	56	57	49	54	63	56	72	1	658	4.79
C90	Multiple Myeloma	-	1	-	-	-	-	2	3	11	16	20	27	30	47	35	25	-	217	1.58
C91	Lymphoid Leuk.	39	35	29	20	19	14	7	15	8	8	11	11	8	10	10	13	1	258	1.88
C92-94	Myeloid Leukaemia	9	8	22	20	28	24	24	18	33	19	31	22	27	23	23	31	-	362	2.64
C95	Leukaemia Uns	12	7	5	10	12	5	4	3	1	4	3	5	3	8	5	7	-	94	0.68
O&U	Other and Uns	2	2	1	2	2	6	6	12	13	11	24	34	37	39	35	52	-	278	2.03
	All Sites	168	167	185	208	247	256	405	558	818	1066	1460	1477	1640	1785	1483	1771	33	13727	100.00

TABLE MUM-3 (b): Number of Incident Cancers by Five Year Age Group and Site (ICD-10):
2001-2003 – Females

% = Relative Proportion of Cancers of All Sites.

Mumbai

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	1	1	3	3	6	3	5	3	2	6	4	1	38	0.28
C01-02	Tongue	-	-	-	1	-	3	12	14	15	19	35	23	45	28	17	26	1	239	1.73
C03-06	Mouth	-	-	1	-	2	5	6	29	29	56	57	70	68	53	41	48	-	465	3.37
C07-8	Salivary Gland	-	1	1	3	4	3	3	4	3	4	7	7	6	4	1	7	-	58	0.42
C09	Tonsil	-	-	-	-	-	1	-	1	1	5	3	-	2	4	4	4	-	25	0.18
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	2	5	2	4	4	3	-	-	20	0.15
C11	Nasopharynx	-	-	2	2	-	2	2	6	-	3	1	3	3	3	2	3	-	32	0.23
C12-13	Hypopharynx	-	-	-	-	1	2	4	9	11	12	12	11	17	10	10	20	-	119	0.86
C14	Pharynx Unspecified	-	1	-	-	-	1	-	2	-	2	2	1	5	4	3	5	-	26	0.19
C15	Oesophagus	1	-	-	-	3	6	13	19	32	42	56	72	71	93	75	73	2	558	4.05
C16	Stomach	1	-	-	-	1	6	6	16	18	23	26	38	21	39	29	37	-	261	1.89
C17	Small Intestine	-	1	-	-	1	2	2	2	1	2	2	3	1	3	3	5	-	28	0.2
C18	Colon	-	-	-	1	-	8	10	12	17	20	38	31	22	31	32	54	1	277	2.01
C19-20	Rectum	1	-	-	4	8	6	10	20	15	21	29	18	29	39	32	20	1	253	1.83
C21	Anus & Anal Canal	-	-	-	-	1	-	-	2	4	1	1	3	4	8	4	3	-	31	0.22
C22	Liver	3	2	2	2	2	4	1	11	15	18	13	22	28	35	32	51	-	241	1.75
C23-24	Gallbladder etc.	-	-	-	-	2	4	5	24	16	36	30	30	45	35	21	31	1	280	2.03
C25	Pancreas	-	1	-	2	2	-	3	7	10	11	23	12	23	32	32	50	-	208	1.51
C30-31	Nose, Sinuses etc.	-	-	-	2	3	1	2	3	2	5	7	6	6	8	9	4	-	58	0.42
C32	Larynx	-	-	-	1	2	-	1	2	8	7	13	11	8	10	9	14	-	86	0.62
C33-34	Lung etc.	-	-	3	-	1	6	7	21	19	34	37	56	61	58	50	57	1	411	2.98
C37-38	Other Thoracic Organs	-	-	1	1	-	1	4	1	2	4	3	3	7	4	1	2	1	35	0.25
C40-41	Bone	1	5	20	12	11	6	8	5	3	5	5	7	7	3	4	7	-	109	0.79
C43	Melanoma of Skin	-	-	-	1	-	-	1	2	1	2	3	4	5	6	2	5	-	32	0.23
C44	Other Skin	1	-	-	-	3	2	4	5	7	5	16	5	10	13	13	19	1	104	0.75
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	0.01
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	6	3	7	8	10	9	8	2	12	6	16	6	14	9	7	6	-	129	0.94
C50	Breast	1	3	1	3	19	69	157	300	434	562	568	432	399	338	222	273	8	3789	27.47
C51	Vulva	-	-	-	-	-	-	1	1	2	5	8	2	6	4	2	6	-	37	0.27
C52	Vagina	-	-	-	-	-	-	1	8	7	6	6	12	13	7	10	9	-	79	0.57
C53	Cervix Uteri	-	-	-	1	3	10	60	159	233	301	253	196	210	164	103	96	3	1792	12.99
C54	Corpus Uteri	-	-	-	-	1	-	5	8	19	39	60	45	49	73	29	21	3	352	2.55
C55	Uterus Unspecified	-	-	-	-	-	-	1	6	7	12	11	14	13	14	18	10	-	106	0.77
C56	Ovary etc.	3	2	8	22	28	36	43	64	83	135	127	98	104	99	77	74	-	1003	7.27
C57	Other Female Genital	-	-	-	1	-	-	2	1	1	3	1	1	5	3	3	4	-	25	0.18
C58	Placenta	-	-	-	2	2	1	1	-	-	1	-	-	-	-	-	-	-	7	0.05
C64	Kidney etc.	8	2	2	-	2	6	4	7	7	11	18	10	14	13	6	12	-	122	0.88
C65	Renal Pelvis	-	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	0.01
C66	Ureter	-	-	-	-	-	-	-	1	1	1	-	1	-	-	-	-	-	4	0.03
C67	Bladder	1	-	-	-	-	-	2	4	5	5	9	8	21	17	11	27	1	111	0.8
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	0.01
C69	Eye	7	2	-	1	1	1	1	2	1	-	-	-	1	-	1	-	-	18	0.13
C70-72	Brain, Nervous System	19	20	18	22	28	25	24	20	27	36	29	33	17	31	21	17	-	387	2.81
C73	Thyroid	-	1	2	6	16	27	25	29	18	15	20	13	16	19	10	20	-	237	1.72
C74	Adrenal Gland	6	1	1	1	-	-	1	1	3	2	1	1	1	-	-	-	-	19	0.14
C77	Sec Lymph Nodes	1	-	-	1	-	4	4	3	4	10	10	14	10	12	5	14	1	93	0.67
C78	Sec Resp & Digestive	-	-	-	-	1	3	5	4	8	11	7	14	22	18	12	21	-	126	0.91
C79	Sec Others	1	1	-	-	2	-	5	-	11	13	8	10	10	13	4	8	1	87	0.63
C81	Hodgkins Disease	-	9	4	8	5	7	9	3	8	5	4	5	4	8	4	5	-	88	0.64
C82-85,C96	NHL	5	10	11	3	12	12	16	16	22	34	40	31	51	43	37	44	-	387	2.81
C90	Multiple Myeloma	-	-	-	-	-	-	3	2	6	10	12	16	22	21	10	15	-	117	0.85
C91	Lymphoid Leuk.	33	19	21	12	7	4	7	6	2	4	5	8	10	8	-	13	-	159	1.15
C92-94	Myeloid Leukaemia	6	6	10	20	14	14	18	22	25	13	11	19	14	9	13	18	-	232	1.68
C95	Leukaemia Uns	10	12	6	6	-	3	8	2	6	4	2	4	8	5	2	11	-	89	0.65
O&U	Other and Uns	9	2	3	5	3	4	14	5	11	20	15	14	19	21	23	30	1	199	1.44
	All Sites	124	104	125	154	201	305	530	896	1,195	1609	1669	1450	1554	1479	1065	1304	28	13792	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: 2001-2003 - Males

Mumbai

ICD-10	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
C00	-	0.1	-	-	-	-	0.2	0.2	0.2	0.4	1.4	1.2	1.8	0.9	0.5	4.2	0.3	0.4	0.05	0.8
C01-02	-	-	-	-	0.2	0.2	1.4	2.1	5.5	7.2	11.3	16.2	16.1	21.8	22.6	30.2	3.3	4.6	0.18	8.9
C03-06	0.1	0.1	0.1	0.1	0.2	0.5	2.4	4.4	9.5	12.0	19.2	24.1	28.5	32.2	28.6	24.6	5.2	6.9	0.22	14.9
C07-8	-	-	-	0.0	0.1	0.1	0.2	0.2	0.4	0.9	0.9	2.2	2.3	1.2	3.7	3.7	0.4	0.5	0.06	1.0
C09	-	-	-	-	-	0.0	0.1	0.3	0.4	1.3	3.0	3.6	4.1	5.4	6.9	3.3	0.6	0.9	0.09	1.9
C10	-	-	-	-	-	-	-	0.2	0.3	0.5	1.6	3.1	2.5	3.6	5.5	4.6	0.4	0.7	0.07	1.2
C11	0.1	-	0.2	0.3	0.1	-	0.1	0.1	0.1	0.5	1.0	1.4	2.0	1.5	3.2	1.4	0.3	0.4	0.06	0.8
C12-13	-	-	-	0.0	-	-	0.2	0.6	2.2	3.7	6.4	10.0	12.0	24.5	31.4	21.8	2.2	3.4	0.17	5.1
C14	-	-	-	-	-	-	-	0.1	0.4	0.6	0.8	2.1	3.2	4.2	4.6	9.8	0.4	0.7	0.08	1.0
C15	-	0.1	0.1	-	0.1	0.1	0.4	1.1	2.4	3.9	11.6	17.9	24.2	40.3	45.7	61.8	3.9	6.1	0.22	8.7
C16	-	-	-	0.1	0.1	0.1	0.7	0.9	2.8	3.7	7.2	11.0	22.2	25.7	25.9	34.8	2.7	4.2	0.18	6.9
C17	-	-	-	-	-	-	-	0.2	0.2	0.7	0.5	1.2	1.1	0.6	3.2	1.9	0.2	0.3	0.05	0.6
C18	0.1	-	0.2	0.2	0.2	0.3	1.0	1.3	2.8	3.6	5.2	6.9	8.6	13.7	18.9	29.3	2.0	2.9	0.15	4.3
C19-20	0.1	-	0.1	0.1	0.5	0.5	0.9	1.5	1.6	3.1	4.6	7.8	12.0	12.2	17.6	31.1	2.0	2.9	0.15	4.5
C21	-	-	-	0.0	-	-	0.1	0.4	0.2	0.4	0.8	0.9	1.8	1.5	0.5	1.4	0.2	0.3	0.05	0.7
C22	0.6	0.2	0.1	0.0	0.0	0.2	0.3	0.9	0.8	2.6	5.0	9.3	18.3	31.6	35.6	39.0	2.6	4.2	0.19	5.2
C23-24	-	0.1	-	-	0.1	0.1	0.4	0.6	1.1	1.7	3.8	2.9	7.5	11.3	12.0	14.4	1.2	1.7	0.12	2.6
C25	-	-	0.1	-	0.1	0.1	0.2	0.2	0.5	1.7	3.8	5.2	10.2	9.0	19.9	21.8	1.3	2.1	0.13	3.1
C30-31	-	-	-	-	0.1	-	0.1	0.4	0.4	1.0	1.7	1.9	0.7	2.4	3.7	3.3	0.4	0.5	0.06	1.0
C32	0.1	-	-	-	0.0	0.1	0.3	0.9	3.2	5.6	10.7	13.3	25.6	39.7	56.8	56.7	3.9	6.2	0.23	8.6
C33-34	-	-	-	0.1	0.2	0.1	0.7	0.9	3.3	8.1	10.5	25.5	41.0	59.7	76.2	78.0	5.5	8.9	0.27	12.7
C37-38	-	-	0.1	0.0	0.0	-	0.1	0.1	-	0.5	0.8	1.4	0.7	0.3	0.9	0.9	0.2	0.2	0.04	0.5
C40-41	0.4	0.7	0.8	1.8	0.6	0.6	0.4	0.7	0.7	0.8	0.7	1.2	1.8	4.5	4.2	1.9	0.9	1.0	0.08	0.9
C43	-	-	0.1	0.1	0.0	-	0.1	0.1	0.5	0.2	0.6	0.7	0.2	1.8	1.8	2.8	0.2	0.3	0.05	0.4
C44	-	0.1	0.1	0.1	0.3	0.4	0.4	0.5	0.5	1.6	2.4	4.3	4.1	4.8	6.5	12.5	0.9	1.2	0.10	2.0
C45	-	-	-	-	-	-	-	-	-	0.1	0.1	-	-	0.3	-	-	0.0	0.0	0.01	0.0
C46	-	-	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	-
C47+C49	0.4	0.2	0.3	0.7	0.4	0.5	0.5	0.9	1.0	1.1	1.8	1.6	3.6	4.8	5.5	3.7	0.9	1.1	0.09	1.5
C50	0.1	-	-	-	0.1	-	-	-	0.1	0.7	0.8	0.5	1.6	2.7	2.3	3.7	0.3	0.4	0.06	0.6
C60	-	-	-	-	-	0.1	0.1	0.6	0.7	1.0	2.9	2.8	4.3	3.3	3.7	10.2	0.7	1.0	0.09	1.8
C61	-	0.1	-	-	0.0	0.1	0.2	0.2	0.2	0.4	2.9	8.3	20.4	37.6	72.1	124.0	3.6	6.4	0.24	4.3
C62	0.5	-	0.1	0.4	0.6	1.0	1.5	1.1	0.7	0.7	0.3	0.2	0.9	0.3	2.3	2.3	0.7	0.6	0.06	0.7
C63	-	-	-	-	-	-	-	-	0.1	-	-	0.2	-	0.3	-	0.5	0.0	0.0	0.02	0.1
C64	0.9	0.1	0.1	-	0.0	0.2	0.1	0.6	1.5	2.9	3.8	6.2	10.0	9.8	14.3	7.4	1.4	2.0	0.13	3.7
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	0.1	-	-	0.2	-	0.5	0.5	0.0	0.0	0.02	0.0
C67	0.1	-	-	0.0	0.0	-	0.5	0.6	1.3	2.7	4.4	8.3	15.6	20.9	30.5	40.4	2.2	3.6	0.17	4.7
C68	-	-	-	-	-	-	-	-	0.1	-	-	0.2	-	-	-	0.5	0.0	0.0	0.01	0.0
C69	0.5	0.1	-	-	0.0	0.0	0.1	0.1	-	-	0.2	0.2	-	0.6	-	-	0.1	0.1	0.03	0.1
C70-72	1.6	2.7	2.1	1.3	1.6	1.7	2.3	2.6	3.7	5.0	7.6	8.4	7.9	14.3	16.6	9.8	3.2	3.8	0.16	5.5
C73	0.1	0.1	0.1	0.1	0.1	0.4	0.4	0.6	0.5	1.1	2.3	1.7	2.9	3.0	3.2	3.7	0.6	0.8	0.07	1.4
C74	0.3	0.2	0.2	-	0.1	-	0.1	0.1	0.1	0.1	0.1	0.3	-	0.3	0.5	0.5	0.1	0.2	0.03	0.1
C77	-	-	-	0.1	0.1	0.2	0.1	0.4	0.4	1.5	3.2	6.7	7.5	9.0	7.4	12.1	1.0	1.6	0.11	2.8
C78	-	-	-	-	-	0.1	0.2	0.9	0.7	1.6	1.9	4.1	4.1	7.2	6.9	7.4	0.8	1.1	0.09	2.0
C79	-	-	0.1	0.1	-	0.2	0.1	0.1	0.2	0.4	1.5	1.4	2.3	3.9	3.7	4.6	0.4	0.6	0.07	0.8
C81	0.4	1.2	1.0	0.5	0.4	0.3	0.7	1.1	0.6	0.5	1.3	2.8	1.6	3.6	3.2	3.3	0.8	1.0	0.08	1.2
C82-85,C96	0.7	1.0	1.3	0.9	0.8	1.1	2.4	2.7	3.7	5.1	6.5	8.4	12.2	18.8	25.9	33.4	3.2	4.3	0.18	6.0
C90	-	0.1	-	-	-	-	0.1	0.2	0.8	1.4	2.3	4.7	6.8	14.0	16.2	11.6	1.1	1.7	0.12	2.3
C91	2.6	2.1	1.5	0.9	0.8	0.6	0.4	0.9	0.6	0.7	1.3	1.9	1.8	3.0	4.6	6.0	1.3	1.5	0.10	1.1
C92-94	0.6	0.5	1.2	0.9	1.1	1.1	1.3	1.1	2.5	1.7	3.6	3.8	6.1	6.9	10.6	14.4	1.8	2.2	0.12	2.9
C95	0.8	0.4	0.3	0.5	0.5	0.2	0.2	0.2	0.1	0.4	0.3	0.9	0.7	2.4	2.3	3.3	0.5	0.6	0.06	0.4
O&U	0.1	0.1	0.1	0.1	0.1	0.3	0.3	0.7	1.0	1.0	2.7	5.9	8.4	11.6	16.2	24.2	1.4	2.1	0.13	2.8
All	11.3	10.2	9.8	9.7	10.0	11.6	22.2	34.8	60.9	96.5	167.3	254.6	371.2	532.7	685.3	822.7	67.4	98.3	0.87	144.9

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: 2001-2003 - Females
Mumbai

ICD-10	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
C00	-	-	-	-	-	0.1	0.1	0.2	0.3	0.7	0.4	1.0	0.7	0.6	2.7	1.6	0.2	0.3	0.05	0.5
C01-02	-	-	-	0.1	-	0.2	0.9	1.0	1.5	2.1	5.2	4.8	10.6	8.1	7.5	10.4	1.5	1.8	0.12	3.7
C03-06	-	-	0.1	-	0.1	0.3	0.4	2.2	2.9	6.2	8.5	14.5	16.0	15.4	18.1	19.2	2.8	3.6	0.17	7.5
C07-8	-	0.1	0.1	0.2	0.2	0.2	0.2	0.3	0.3	0.4	1.0	1.4	1.4	1.2	0.4	2.8	0.4	0.4	0.05	0.7
C09	-	-	-	-	-	0.1	-	0.1	0.1	0.6	0.4	-	0.5	1.2	1.8	1.6	0.2	0.2	0.04	0.3
C10	-	-	-	-	-	-	-	-	-	0.2	0.7	0.4	0.9	1.2	1.3	-	0.1	0.2	0.04	0.3
C11	-	-	0.1	0.1	-	0.1	0.1	0.4	-	0.3	0.1	0.6	0.7	0.9	0.9	1.2	0.2	0.2	0.04	0.3
C12-13	-	-	-	-	0.1	0.1	0.3	0.7	1.1	1.3	1.8	2.3	4.0	2.9	4.4	8.0	0.7	0.9	0.08	1.7
C14	-	0.1	-	-	-	0.1	-	0.1	-	0.2	0.3	0.2	1.2	1.2	1.3	2.0	0.2	0.2	0.04	0.3
C15	0.1	-	-	-	0.2	0.4	0.9	1.4	3.1	4.6	8.4	14.9	16.8	27.0	33.2	29.2	3.4	4.4	0.19	7.2
C16	0.1	-	-	-	0.1	0.4	0.4	1.2	1.8	2.5	3.9	7.9	5.0	11.3	12.8	14.8	1.6	2.0	0.13	3.3
C17	-	0.1	-	-	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.6	0.2	0.9	1.3	2.0	0.2	0.2	0.04	0.2
C18	-	-	-	0.1	-	0.5	0.7	0.9	1.7	2.2	5.7	6.4	5.2	9.0	14.1	21.6	1.7	2.1	0.13	3.3
C19-20	0.1	-	-	0.3	0.5	0.4	0.7	1.5	1.5	2.3	4.3	3.7	6.8	11.3	14.1	8.0	1.5	1.9	0.12	3.1
C21	-	-	-	-	0.1	-	-	0.1	0.4	0.1	0.1	0.6	0.9	2.3	1.8	1.2	0.2	0.2	0.04	0.4
C22	0.2	0.1	0.1	0.1	0.1	0.2	0.1	0.8	1.5	2.0	1.9	4.6	6.6	10.2	14.1	20.4	1.5	1.9	0.12	2.6
C23-24	-	-	-	-	0.1	0.2	0.4	1.8	1.6	4.0	4.5	6.2	10.6	10.2	9.3	12.4	1.7	2.1	0.13	4.3
C25	-	0.1	-	0.1	0.1	-	0.2	0.5	1.0	1.2	3.4	2.5	5.4	9.3	14.1	20.0	1.3	1.7	0.12	2.1
C30-31	-	-	-	0.1	0.2	0.1	0.1	0.2	0.2	0.6	1.0	1.2	1.4	2.3	4.0	1.6	0.4	0.4	0.06	0.7
C32	-	-	-	0.1	0.1	-	0.1	0.1	0.8	0.8	1.9	2.3	1.9	2.9	4.0	5.6	0.5	0.7	0.07	1.2
C33-34	-	-	0.2	-	0.1	0.4	0.5	1.6	1.9	3.8	5.5	11.6	14.4	16.8	22.1	22.8	2.5	3.2	0.16	5.6
C37-38	-	-	0.1	0.1	-	0.1	0.3	0.1	0.2	0.4	0.4	0.6	1.7	1.2	0.4	0.8	0.2	0.2	0.04	0.5
C40-41	0.1	0.3	1.2	0.8	0.7	0.4	0.6	0.4	0.3	0.6	0.7	1.4	1.7	0.9	1.8	2.8	0.7	0.7	0.07	0.8
C43	-	-	-	0.1	-	-	0.1	0.1	0.1	0.2	0.4	0.8	1.2	1.7	0.9	2.0	0.2	0.3	0.05	0.4
C44	0.1	-	-	-	0.2	0.1	0.3	0.4	0.7	0.6	2.4	1.0	2.4	3.8	5.7	7.6	0.6	0.8	0.08	1.1
C45	-	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	0.0	0.0	0.01	0.0
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	0.4	0.2	0.4	0.5	0.6	0.5	0.6	0.1	1.2	0.7	2.4	1.2	3.3	2.6	3.1	2.4	0.8	0.9	0.08	1.4
C50	0.1	0.2	0.1	0.2	1.1	4.2	11.3	22.5	42.7	62.1	84.8	89.5	94.2	98.1	98.1	109.2	23.0	27.5	0.46	62.0
C51	-	-	-	-	-	-	0.1	0.1	0.2	0.6	1.2	0.4	1.4	1.2	0.9	2.4	0.2	0.3	0.05	0.6
C52	-	-	-	-	-	-	0.1	0.6	0.7	0.7	0.9	2.5	3.1	2.0	4.4	3.6	0.5	0.6	0.07	1.2
C53	-	-	-	0.1	0.2	0.6	4.3	11.9	22.9	33.3	37.8	40.6	49.6	47.6	45.5	38.4	10.9	13.0	0.31	30.9
C54	-	-	-	-	0.1	-	0.4	0.6	1.9	4.3	9.0	9.3	11.6	21.2	12.8	8.4	2.1	2.8	0.15	5.5
C55	-	-	-	-	-	-	0.1	0.4	0.7	1.3	1.6	2.9	3.1	4.1	8.0	4.0	0.6	0.8	0.08	1.5
C56	0.2	0.1	0.5	1.4	1.7	2.2	3.1	4.8	8.2	14.9	19.0	20.3	24.5	28.7	34.0	29.6	6.1	7.3	0.23	14.2
C57	-	-	-	0.1	-	-	0.1	0.1	0.1	0.3	0.1	0.2	1.2	0.9	1.3	1.6	0.2	0.2	0.04	0.3
C58	-	-	-	0.1	0.1	0.1	0.1	-	-	0.1	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C64	0.6	0.1	0.1	-	0.1	0.4	0.3	0.5	0.7	1.2	2.7	2.1	3.3	3.8	2.7	4.8	0.7	0.9	0.08	1.6
C65	-	-	0.1	-	-	-	-	-	-	-	-	-	-	0.3	-	-	0.0	0.0	0.01	-
C66	-	-	-	-	-	-	-	0.1	0.1	0.1	-	0.2	-	-	-	-	0.0	0.0	0.01	0.1
C67	0.1	-	-	-	-	-	0.1	0.3	0.5	0.6	1.3	1.7	5.0	4.9	4.9	10.8	0.7	0.9	0.09	1.3
C68	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.4	0.0	0.0	0.01	-
C69	0.5	0.1	-	0.1	0.1	0.1	0.1	0.1	0.1	-	-	-	0.2	-	0.4	-	0.1	0.1	0.03	0.1
C70-72	1.4	1.3	1.1	1.4	1.7	1.5	1.7	1.5	2.7	4.0	4.3	6.8	4.0	9.0	9.3	6.8	2.3	2.6	0.14	3.7
C73	-	0.1	0.1	0.4	1.0	1.6	1.8	2.2	1.8	1.7	3.0	2.7	3.8	5.5	4.4	8.0	1.4	1.5	0.10	2.4
C74	0.4	0.1	0.1	0.1	-	-	0.1	0.1	0.3	0.2	0.1	0.2	0.2	-	-	-	0.1	0.1	0.03	0.2
C77	0.1	-	-	0.1	-	0.2	0.3	0.2	0.4	1.1	1.5	2.9	2.4	3.5	2.2	5.6	0.6	0.7	0.07	1.3
C78	-	-	-	-	0.1	0.2	0.4	0.3	0.8	1.2	1.0	2.9	5.2	5.2	5.3	8.4	0.8	1.0	0.09	1.7
C79	0.1	0.1	-	-	0.1	-	0.4	-	1.1	1.4	1.2	2.1	2.4	3.8	1.8	3.2	0.5	0.6	0.07	1.3
C81	-	0.6	0.2	0.5	0.3	0.4	0.6	0.2	0.8	0.6	0.6	1.0	0.9	2.3	1.8	2.0	0.5	0.6	0.06	0.7
C82-85,C96	0.4	0.7	0.7	0.2	0.7	0.7	1.1	1.2	2.2	3.8	6.0	6.4	12.0	12.5	16.4	17.6	2.3	2.9	0.15	4.7
C90	-	-	-	-	-	-	0.2	0.1	0.6	1.1	1.8	3.3	5.2	6.1	4.4	6.0	0.7	0.9	0.09	1.7
C91	2.4	1.3	1.3	0.8	0.4	0.2	0.5	0.4	0.2	0.4	0.7	1.7	2.4	2.3	-	5.2	1.0	1.1	0.09	0.8
C92-94	0.4	0.4	0.6	1.3	0.8	0.8	1.3	1.6	2.5	1.4	1.6	3.9	3.3	2.6	5.7	7.2	1.4	1.5	0.10	2.3
C95	0.7	0.8	0.4	0.4	-	0.2	0.6	0.1	0.6	0.4	0.3	0.8	1.9	1.5	0.9	4.4	0.5	0.6	0.07	0.6
O&U	0.7	0.1	0.2	0.3	0.2	0.2	1.0	0.4	1.1	2.2	2.2	2.9	4.5	6.1	10.2	12.0	1.2	1.5	0.11	2.0
All	9.0	7.0	7.6	9.7	12.0	18.4	38.0	67.1	117.6	177.9	249.2	300.3	366.7	429.4	470.8	521.8	83.7	101.7	0.88	196.4

TABLE: MUM-5(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis: 2001-2003 - Males
Mumbai

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	53	96.4	-	-	2	3.6	-	-	-	-	55	100
C01-02	Tongue	585	86.8	3	0.4	44	6.5	-	-	42	6.2	674	100
C03-06	Mouth	947	89.7	3	0.3	65	6.2	1	0.1	40	3.8	1,056	100
C07-8	Salivary Gland	74	91.4	-	-	3	3.7	-	-	4	4.9	81	100
C09	Tonsil	121	91.7	-	-	5	3.8	-	-	6	4.5	132	100
C10	Oth. Oropharynx	83	91.2	-	-	4	4.4	-	-	4	4.4	91	100
C11	Nasopharynx	54	80.6	1	1.5	5	7.5	-	-	7	10.4	67	100
C12-13	Hypopharynx	397	88.6	2	0.4	32	7.1	-	-	17	3.8	448	100
C14	Pharynx Unspecified	51	56	-	-	6	6.6	-	-	34	37.4	91	100
C15	Oesophagus	559	71	59	7.5	63	8	3	0.4	103	13.1	787	100
C16	Stomach	416	74.6	3	0.5	77	13.8	-	-	62	11.1	558	100
C17	Small Intestine	36	83.7	-	-	2	4.7	-	-	5	11.6	43	100
C18	Colon	341	83	7	1.7	44	10.7	1	0.2	18	4.4	411	100
C19-20	Rectum	346	84.4	3	0.7	38	9.3	1	0.2	22	5.4	410	100
C21	Anus & Anal Canal	39	86.7	-	-	3	6.7	-	-	3	6.7	45	100
C22	Liver	426	81	5	1	41	7.8	-	-	54	10.3	526	100
C23-24	Gallbladder etc.	167	71.1	4	1.7	39	16.6	-	-	25	10.6	235	100
C25	Pancreas	151	56.3	4	1.5	60	22.4	-	-	53	19.8	268	100
C30-31	Nose, Sinuses etc.	68	86.1	-	-	5	6.3	-	-	6	7.6	79	100
C32	Larynx	645	81.4	8	1	70	8.8	-	-	69	8.7	792	100
C33-34	Lung etc.	810	72	59	5.2	120	10.7	-	-	136	12.1	1,125	100
C37-38	Other Thoracic Organs	29	82.9	-	-	4	11.4	-	-	2	5.7	35	100
C40-41	Bone	165	89.2	2	1.1	8	4.3	-	-	10	5.4	185	100
C43	Melanoma of Skin	44	100	-	-	-	-	-	-	-	-	44	100
C44	Other Skin	183	99.5	-	-	1	0.5	-	-	-	-	184	100
C45	Mesothelioma	3	100	-	-	-	-	-	-	-	-	3	100
C46	Kaposi Sarcoma	1	100	-	-	-	-	-	-	-	-	1	100
C47+C49	Conn. & Soft Tissue	177	98.9	-	-	1	0.6	-	-	1	0.6	179	100
C50	Breast	50	92.6	-	-	4	7.4	-	-	-	-	54	100
C60	Penis	123	90.4	-	-	11	8.1	-	-	2	1.5	136	100
C61	Prostate	576	78.6	5	0.7	68	9.3	1	0.1	83	11.3	733	100
C62	Testis	124	89.9	-	-	9	6.5	-	-	5	3.6	138	100
C63	Other Male Genital	5	100	-	-	-	-	-	-	-	-	5	100
C64	Kidney etc.	262	93.9	2	0.7	8	2.9	-	-	7	2.5	279	100
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	3	75	-	-	1	25	-	-	-	-	4	100
C67	Bladder	376	83.4	3	0.7	43	9.5	-	-	29	6.4	451	100
C68	Uns.Urinary Organs	3	100	-	-	-	-	-	-	-	-	3	100
C69	Eye	16	84.2	-	-	2	10.5	-	-	1	5.3	19	100
C70-72	Brain, Nervous System	617	94.1	3	0.5	20	3	1	0.2	15	2.3	656	100
C73	Thyroid	110	90.2	-	-	6	4.9	-	-	6	4.9	122	100
C74	Adrenal Gland	23	88.5	-	-	2	7.7	-	-	1	3.8	26	100
C77	Sec Lymph Nodes	188	88.3	1	0.5	19	8.9	1	0.5	4	1.9	213	100
C78	Sec Resp & Digestive	156	95.7	1	0.6	1	0.6	-	-	5	3.1	163	100
C79	Sec Others	77	96.3	1	1.3	-	-	-	-	2	2.5	80	100
C81	Hodgkins Disease	173	100	-	-	-	-	-	-	-	-	173	100
C82-85,C96	NHL	655	99.5	-	-	3	0.5	-	-	-	-	658	100
C90	Multiple Myeloma	217	100	-	-	-	-	-	-	-	-	217	100
C91	Lymphoid Leuk.	258	100	-	-	-	-	-	-	-	-	258	100
C92-94	Myeloid Leukaemia	362	100	-	-	-	-	-	-	-	-	362	100
C95	Leukaemia Uns	94	100	-	-	-	-	-	-	-	-	94	100
O&U	Other and Uns	153	55	2	0.7	73	26.3	-	-	50	18	278	100
	All Sites	11,592	84.4	181	1.3	1,012	7.4	9	0.1	933	6.8	13,727	100

TABLE: MUM-5(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Method of Diagnosis : 2001-2003 - Females
Mumbai

ICD-10	Site	Microscopic		X-Ray / imaging		Clinical		Others		D.C.O		Total	
		#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	33	86.8	1	2.6	4	10.5	-	-	-	-	38	100
C01-02	Tongue	215	90	-	-	15	6.3	-	-	9	3.8	239	100
C03-06	Mouth	419	90.1	1	0.2	28	6	1	0.2	16	3.4	465	100
C07-8	Salivary Gland	51	87.9	-	-	7	12.1	-	-	-	-	58	100
C09	Tonsil	23	92	-	-	2	8	-	-	-	-	25	100
C10	Oth. Oropharynx	17	85	-	-	1	5	-	-	2	10	20	100
C11	Nasopharynx	28	87.5	1	3.1	2	6.3	-	-	1	3.1	32	100
C12-13	Hypopharynx	104	87.4	1	0.8	10	8.4	-	-	4	3.4	119	100
C14	Pharynx Unspecified	18	69.2	1	3.8	1	3.8	-	-	6	23.1	26	100
C15	Oesophagus	412	73.8	18	3.2	45	8.1	-	-	83	14.9	558	100
C16	Stomach	197	75.5	4	1.5	24	9.2	-	-	36	13.8	261	100
C17	Small Intestine	21	75	-	-	3	10.7	-	-	4	14.3	28	100
C18	Colon	218	78.7	-	-	36	13	-	-	23	8.3	277	100
C19-20	Rectum	202	79.8	1	0.4	27	10.7	1	0.4	22	8.7	253	100
C21	Anus & Anal Canal	25	80.6	-	-	6	19.4	-	-	-	-	31	100
C22	Liver	195	80.9	1	0.4	19	7.9	-	-	26	10.8	241	100
C23-24	Gallbladder etc.	203	72.5	6	2.1	39	13.9	1	0.4	31	11.1	280	100
C25	Pancreas	119	57.2	2	1	42	20.2	1	0.5	44	21.2	208	100
C30-31	Nose, Sinuses etc.	47	81	-	-	7	12.1	-	-	4	6.9	58	100
C32	Larynx	64	74.4	-	-	8	9.3	-	-	14	16.3	86	100
C33-34	Lung etc.	284	69.1	24	5.8	45	10.9	-	-	58	14.1	411	100
C37-38	Other Thoracic Organs	31	88.6	1	2.9	3	8.6	-	-	-	-	35	100
C40-41	Bone	97	89	-	-	5	4.6	-	-	7	6.4	109	100
C43	Melanoma of Skin	32	100	-	-	-	-	-	-	-	-	32	100
C44	Other Skin	102	98.1	-	-	1	1	-	-	1	1	104	100
C45	Mesothelioma	1	100	-	-	-	-	-	-	-	-	1	100
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	126	97.7	-	-	3	2.3	-	-	-	-	129	100
C50	Breast	3,331	87.9	12	0.3	259	6.8	-	-	187	4.9	3,789	100
C51	Vulva	33	89.2	-	-	3	8.1	-	-	1	2.7	37	100
C52	Vagina	70	88.6	-	-	5	6.3	-	-	4	5.1	79	100
C53	Cervix Uteri	1,621	90.5	1	0.1	101	5.6	1	0.1	68	3.8	1,792	100
C54	Corpus Uteri	343	97.4	1	0.3	6	1.7	-	-	2	0.6	352	100
C55	Uterus Unspecified	62	58.5	1	0.9	4	3.8	-	-	39	36.8	106	100
C56	Ovary etc.	782	78	13	1.3	134	13.4	2	0.2	72	7.2	1,003	100
C57	Other Female Genital	6	24	-	-	-	-	-	-	19	76	25	100
C58	Placenta	7	100	-	-	-	-	-	-	-	-	7	100
C64	Kidney etc.	116	95.1	1	0.8	1	0.8	-	-	4	3.3	122	100
C65	Renal Pelvis	2	100	-	-	-	-	-	-	-	-	2	100
C66	Ureter	4	100	-	-	-	-	-	-	-	-	4	100
C67	Bladder	97	87.4	-	-	8	7.2	-	-	6	5.4	111	100
C68	Uns.Urinary Organs	1	100	-	-	-	-	-	-	-	-	1	100
C69	Eye	16	88.9	1	5.6	-	-	-	-	1	5.6	18	100
C70-72	Brain, Nervous System	358	92.5	1	0.3	15	3.9	-	-	13	3.4	387	100
C73	Thyroid	218	92	-	-	13	5.5	-	-	6	2.5	237	100
C74	Adrenal Gland	17	89.5	1	5.3	1	5.3	-	-	-	-	19	100
C77	Sec Lymph Nodes	83	89.2	1	1.1	6	6.5	-	-	3	3.2	93	100
C78	Sec Resp & Digestive	115	91.3	2	1.6	4	3.2	-	-	5	4	126	100
C79	Sec Others	81	93.1	2	2.3	3	3.4	-	-	1	1.1	87	100
C81	Hodgkins Disease	88	100	-	-	-	-	-	-	-	-	88	100
C82-85,C96	NHL	387	100	-	-	-	-	-	-	-	-	387	100
C90	Multiple Myeloma	117	100	-	-	-	-	-	-	-	-	117	100
C91	Lymphoid Leuk.	159	100	-	-	-	-	-	-	-	-	159	100
C92-94	Myeloid Leukaemia	232	100	-	-	-	-	-	-	-	-	232	100
C95	Leukaemia Uns	89	100	-	-	-	-	-	-	-	-	89	100
O&U	Other and Uns	120	60.3	-	-	42	21.1	-	-	37	18.6	199	100
	All Sites	11,839	85.8	99	0.7	988	7.2	7	0.1	859	6.2	13,792	100

TABLE: MUM-6(a): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Males : Mumbai

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	51	92.7	2	3.6	-	-	-	-	-	-	2	3.6	55	100
C01-02	Tongue	545	80.9	37	5.5	3	0.4	-	-	-	-	89	13.2	674	100
C03-06	Mouth	926	87.7	17	1.6	4	0.4	-	-	-	-	109	10.3	1,056	100
C07-8	Salivary Gland	64	79	5	6.2	5	6.2	-	-	-	-	7	8.6	81	100
C09	Tonsil	110	83.3	9	6.8	2	1.5	-	-	-	-	11	8.3	132	100
C10	Oth. Oropharynx	78	85.7	2	2.2	3	3.3	-	-	-	-	8	8.8	91	100
C11	Nasopharynx	47	70.1	5	7.5	2	3	-	-	-	-	13	19.4	67	100
C12-13	Hypopharynx	363	81	27	6	7	1.6	-	-	-	-	51	11.4	448	100
C14	Pharynx Unspecified	47	51.6	4	4.4	-	-	-	-	-	-	40	44	91	100
C15	Oesophagus	534	67.9	6	0.8	19	2.4	-	-	-	-	228	29	787	100
C16	Stomach	392	70.3	17	3	7	1.3	-	-	-	-	142	25.4	558	100
C17	Small Intestine	33	76.7	2	4.7	1	2.3	-	-	-	-	7	16.3	43	100
C18	Colon	333	81	8	1.9	-	-	-	-	-	-	70	17	411	100
C19-20	Rectum	337	82.2	6	1.5	3	0.7	-	-	-	-	64	15.6	410	100
C21	Anus & Anal Canal	37	82.2	2	4.4	-	-	-	-	-	-	6	13.3	45	100
C22	Liver	407	77.4	2	0.4	17	3.2	-	-	-	-	100	19	526	100
C23-24	Gallbladder etc.	155	66	6	2.6	6	2.6	-	-	-	-	68	28.9	235	100
C25	Pancreas	129	48.1	13	4.9	9	3.4	-	-	-	-	117	43.7	268	100
C30-31	Nose, Sinuses etc.	68	86.1	-	-	-	-	-	-	-	-	11	13.9	79	100
C32	Larynx	609	76.9	25	3.2	11	1.4	-	-	-	-	147	18.6	792	100
C33-34	Lung etc.	702	62.4	11	1	97	8.6	-	-	-	-	315	28	1,125	100
C37-38	Other Thoracic Organs	23	65.7	3	8.6	3	8.6	-	-	-	-	6	17.1	35	100
C40-41	Bone	160	86.5	1	0.5	4	2.2	-	-	-	-	20	10.8	185	100
C43	Melanoma of Skin	42	95.5	-	-	2	4.5	-	-	-	-	-	-	44	100
C44	Other Skin	179	97.3	3	1.6	1	0.5	-	-	-	-	1	0.5	184	100
C45	Mesothelioma	3	100	-	-	-	-	-	-	-	-	-	-	3	100
C46	Kaposi Sarcoma	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C47 + C49	Conn. & Soft Tissue	172	96.1	-	-	5	2.8	-	-	-	-	2	1.1	179	100
C50	Breast	50	92.6	-	-	-	-	-	-	-	-	4	7.4	54	100
C60	Penis	118	86.8	4	2.9	1	0.7	-	-	-	-	13	9.6	136	100
C61	Prostate	560	76.4	10	1.4	6	0.8	-	-	-	-	157	21.4	733	100
C62	Testis	122	88.4	1	0.7	1	0.7	-	-	-	-	14	10.1	138	100
C63	Other Male Genital	5	100	-	-	-	-	-	-	-	-	-	-	5	100
C64	Kidney etc.	255	91.4	3	1.1	4	1.4	-	-	-	-	17	6.1	279	100
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	3	75	-	-	-	-	-	-	-	-	1	25	4	100
C67	Bladder	374	82.9	-	-	2	0.4	-	-	-	-	75	16.6	451	100
C68	Uns. Urinary Organs	3	100	-	-	-	-	-	-	-	-	-	-	3	100
C69	Eye	16	84.2	-	-	-	-	-	-	-	-	3	15.8	19	100
C70-72	Brain, Nervous System	614	93.6	2	0.3	-	-	-	-	1	0.2	39	5.9	656	100
C73	Thyroid	99	81.1	4	3.3	7	5.7	-	-	-	-	12	9.8	122	100
C74	Adrenal Gland	22	84.6	1	3.8	-	-	-	-	-	-	3	11.5	26	100
C77	Sec Lymph Nodes	9	4.2	156	73.2	23	10.8	-	-	-	-	25	11.7	213	100
C78	Sec Resp & Digestive	-	-	148	90.8	8	4.9	-	-	-	-	7	4.3	163	100
C79	Sec Others	-	-	76	95	1	1.3	-	-	-	-	3	3.8	80	100
C81	Hodgkins Disease	151	87.3	-	-	13	7.5	1	0.6	8	4.6	-	-	173	100
C82-85, C96	NHL	588	89.4	-	-	46	7	2	0.3	19	2.9	3	0.5	658	100
C90	Multiple Myeloma	10	4.6	-	-	52	24	14	6.5	141	65	-	-	217	100
C91	Lymphoid Leuk.	6	2.3	-	-	89	34.5	25	9.7	138	53.5	-	-	258	100
C92-94	Myeloid Leukaemia	6	1.7	-	-	112	30.9	44	12.2	200	55.2	-	-	362	100
C95	Leukaemia Uns	3	3.2	-	-	21	22.3	12	12.8	58	61.7	-	-	94	100
O&U	Other and Uns	120	43.2	28	10.1	5	1.8	-	-	-	-	125	45	278	100
	All Sites	9,681	70.5	646	4.7	602	4.4	98	0.7	565	4.1	2,135	15.6	13,727	100

TABLE: MUM-6(b): Number (#) and Proportion (%) of Cancers by Site (ICD-10) and Detailed Microscopic Diagnosis, 2001-2003 - Females : Mumbai

ICD-10	Site	Pri. Hist		Sec. Hist		Cytology		Blood Film		Bone Marrow		Others		Total	
		#	%	#	%	#	%	#	%	#	%	#	%	#	%
C00	Lip	33	86.8	-	-	-	-	-	-	-	-	5	13.2	38	100
C01-02	Tongue	209	87.4	3	1.3	3	1.3	-	-	-	-	24	10	239	100
C03-06	Mouth	410	88.2	6	1.3	3	0.6	-	-	-	-	46	9.9	465	100
C07-8	Salivary Gland	44	75.9	3	5.2	4	6.9	-	-	-	-	7	12.1	58	100
C09	Tonsil	22	88	-	-	1	4	-	-	-	-	2	8	25	100
C10	Oth. Oropharynx	14	70	1	5	2	10	-	-	-	-	3	15	20	100
C11	Nasopharynx	27	84.4	1	3.1	-	-	-	-	-	-	4	12.5	32	100
C12-13	Hypopharynx	98	82.4	2	1.7	4	3.4	-	-	-	-	15	12.6	119	100
C14	Pharynx Unspecified	17	65.4	1	3.8	-	-	-	-	-	-	8	30.8	26	100
C15	Oesophagus	400	71.7	5	0.9	7	1.3	-	-	-	-	146	26.2	558	100
C16	Stomach	185	70.9	8	3.1	4	1.5	-	-	-	-	64	24.5	261	100
C17	Small Intestine	21	75	-	-	-	-	-	-	-	-	7	25	28	100
C18	Colon	206	74.4	10	3.6	2	0.7	-	-	-	-	59	21.3	277	100
C19-20	Rectum	199	78.7	3	1.2	-	-	-	-	-	-	51	20.2	253	100
C21	Anus & Anal Canal	25	80.6	-	-	-	-	-	-	-	-	6	19.4	31	100
C22	Liver	185	76.8	-	-	10	4.1	-	-	-	-	46	19.1	241	100
C23-24	Gallbladder etc.	177	63.2	12	4.3	14	5	-	-	-	-	77	27.5	280	100
C25	Pancreas	107	51.4	7	3.4	5	2.4	-	-	-	-	89	42.8	208	100
C30-31	Nose, Sinuses etc.	46	79.3	1	1.7	-	-	-	-	-	-	11	19	58	100
C32	Larynx	58	67.4	5	5.8	1	1.2	-	-	-	-	22	25.6	86	100
C33-34	Lung etc.	246	59.9	9	2.2	29	7.1	-	-	-	-	127	30.9	411	100
C37-38	Other Thoracic Organs	28	80	-	-	3	8.6	-	-	-	-	4	11.4	35	100
C40-41	Bone	95	87.2	2	1.8	-	-	-	-	-	-	12	11	109	100
C43	Melanoma of Skin	31	96.9	-	-	1	3.1	-	-	-	-	-	-	32	100
C44	Other Skin	102	98.1	-	-	-	-	-	-	-	-	2	1.9	104	100
C45	Mesothelioma	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	Conn. & Soft Tissue	124	96.1	1	0.8	1	0.8	-	-	-	-	3	2.3	129	100
C50	Breast	3,207	84.6	28	0.7	96	2.5	-	-	-	-	458	12.1	3,789	100
C51	Vulva	33	89.2	-	-	-	-	-	-	-	-	4	10.8	37	100
C52	Vagina	69	87.3	-	-	1	1.3	-	-	-	-	9	11.4	79	100
C53	Cervix Uteri	1,596	89.1	10	0.6	15	0.8	-	-	-	-	171	9.5	1,792	100
C54	Corpus Uteri	338	96	2	0.6	3	0.9	-	-	-	-	9	2.6	352	100
C55	Uterus Unspecified	60	56.6	2	1.9	-	-	-	-	-	-	44	41.5	106	100
C56	Ovary etc.	705	70.3	37	3.7	40	4	-	-	-	-	221	22	1,003	100
C57	Other Female Genital	5	20	1	4	-	-	-	-	-	-	19	76	25	100
C58	Placenta	6	85.7	-	-	1	14.3	-	-	-	-	-	-	7	100
C64	Kidney etc.	114	93.4	-	-	2	1.6	-	-	-	-	6	4.9	122	100
C65	Renal Pelvis	1	50	1	50	-	-	-	-	-	-	-	-	2	100
C66	Ureter	3	75	-	-	1	25	-	-	-	-	-	-	4	100
C67	Bladder	96	86.5	-	-	1	0.9	-	-	-	-	14	12.6	111	100
C68	Uns. Urinary Organs	1	100	-	-	-	-	-	-	-	-	-	-	1	100
C69	Eye	15	83.3	-	-	1	5.6	-	-	-	-	2	11.1	18	100
C70-72	Brain, Nervous System	355	91.7	1	0.3	2	0.5	-	-	-	-	29	7.5	387	100
C73	Thyroid	193	81.4	7	3	18	7.6	-	-	-	-	19	8	237	100
C74	Adrenal Gland	15	78.9	1	5.3	1	5.3	-	-	-	-	2	10.5	19	100
C77	Sec Lymph Nodes	4	4.3	74	79.6	5	5.4	-	-	-	-	10	10.8	93	100
C78	Sec Resp & Digestive	-	-	107	84.9	8	6.3	-	-	-	-	11	8.7	126	100
C79	Sec Others	-	-	81	93.1	-	-	-	-	-	-	6	6.9	87	100
C81	Hodgkins Disease	76	86.4	-	-	7	8	1	1.1	4	4.5	-	-	88	100
C82-85, C96	NHL	340	87.9	-	-	33	8.5	2	0.5	12	3.1	-	-	387	100
C90	Multiple Myeloma	7	6	-	-	35	29.9	5	4.3	70	59.8	-	-	117	100
C91	Lymphoid Leuk.	9	5.7	-	-	47	29.6	11	6.9	92	57.9	-	-	159	100
C92-94	Myeloid Leukaemia	6	2.6	-	-	67	28.9	21	9.1	138	59.5	-	-	232	100
C95	Leukaemia Uns	3	3.4	-	-	24	27	10	11.2	52	58.4	-	-	89	100
O&U	Other and Uns	98	49.2	14	7	8	4	-	-	-	-	79	39.7	199	100
	All Sites	10,465	75.9	446	3.2	510	3.7	50	0.4	368	2.7	1,953	14.2	13,792	100

**TABLE MUM-7 (a): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Males**

% = Relative Proportion of Cancers of All Sites.

Mumbai

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	1	1	-	-	2	2	2	-	-	-	3	-	11	0.16
C01-02	Tongue	-	-	-	-	3	1	9	10	22	39	48	41	31	34	23	41	-	302	4.31
C03-06	Mouth	-	-	-	1	-	-	5	9	24	40	48	47	36	33	22	33	1	299	4.27
C07-8	Salivary Gland	-	-	-	-	-	-	1	1	1	1	3	3	2	2	2	7	-	23	0.33
C09	Tonsil	-	-	-	-	-	1	-	-	1	3	15	4	5	12	5	6	-	52	0.74
C10	Oth. Oropharynx	-	-	-	-	-	-	-	1	4	8	6	4	6	5	7	3	-	44	0.63
C11	Nasopharynx	-	-	3	1	2	-	-	2	-	5	2	2	7	5	2	4	-	35	0.5
C12-13	Hypopharynx	-	-	-	1	-	-	-	4	9	12	12	15	18	24	24	13	-	132	1.88
C14	Pharynx Unspecified	-	-	-	-	-	-	-	1	5	6	8	18	20	18	32	36	-	144	2.05
C15	Oesophagus	-	1	-	-	-	1	2	8	12	36	70	67	74	99	86	112	-	568	8.1
C16	Stomach	-	-	-	-	5	2	2	9	15	20	28	36	55	58	34	51	1	316	4.51
C17	Small Intestine	-	-	-	-	-	-	-	-	1	2	-	4	2	1	3	5	-	18	0.26
C18	Colon	1	-	1	2	3	6	4	8	9	10	16	23	23	24	25	45	-	200	2.85
C19-20	Rectum	2	-	-	-	3	5	4	11	8	10	22	15	23	12	18	37	1	171	2.44
C21	Anus & Anal Canal	-	-	-	-	-	-	1	-	-	-	2	1	1	2	2	1	-	10	0.14
C22	Liver	5	-	-	-	2	3	3	14	7	28	31	44	62	93	62	84	1	439	6.26
C23-24	Gallbladder etc.	1	-	-	-	1	-	2	2	7	8	15	9	14	22	16	17	-	114	1.63
C25	Pancreas	-	-	-	-	-	-	2	2	4	11	27	22	38	27	42	46	-	221	3.15
C30-31	Nose, Sinuses etc.	-	1	-	-	2	-	1	1	1	3	5	6	3	4	3	4	-	34	0.49
C32	Larynx	-	-	-	-	-	-	-	8	23	24	45	55	57	64	75	96	-	447	6.38
C33-34	Lung etc.	-	2	-	1	2	1	8	9	23	46	56	101	117	152	110	154	1	783	11.17
C37-38	Other Thoracic Organs	-	-	-	-	-	-	1	1	-	-	1	-	3	1	1	4	-	12	0.17
C40-41	Bone	2	2	7	12	6	2	2	3	5	5	4	3	4	11	11	8	-	87	1.24
C43	Melanoma of Skin	-	-	-	-	-	1	1	1	2	-	1	-	-	-	-	2	-	8	0.11
C44	Other Skin	-	-	-	-	2	2	-	1	1	1	4	2	5	8	4	4	-	34	0.49
C45	Mesothelioma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	3	2	-	3	1	4	1	3	-	1	6	3	7	4	9	8	-	55	0.78
C50	Breast	1	-	-	-	-	-	-	1	1	-	5	2	2	6	3	4	-	25	0.36
C60	Penis	-	-	-	-	-	-	-	1	2	-	1	3	5	6	2	5	-	25	0.36
C61	Prostate	-	-	-	-	-	2	-	-	2	3	10	18	29	55	52	175	1	347	4.95
C62	Testis	1	-	-	3	3	2	3	7	-	-	1	1	2	-	3	2	-	28	0.4
C63	Other Male Genital	-	-	-	-	-	-	-	1	3	-	2	2	-	1	-	2	-	11	0.16
C64	Kidney etc.	2	3	-	-	1	-	2	4	3	7	8	13	25	10	12	14	-	104	1.48
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	2	0.03
C67	Bladder	-	-	-	-	-	1	2	4	2	5	17	7	23	25	42	40	-	168	2.4
C68	Uns.Urinary Organs	-	-	1	1	-	-	-	-	-	1	2	-	-	-	1	-	-	6	0.09
C69	Eye	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	2	0.03
C70-72	Brain, Nervous System	8	12	13	7	12	9	13	17	12	19	38	25	29	27	17	17	-	275	3.92
C73	Thyroid	-	-	-	-	-	-	-	2	1	1	4	3	3	5	6	6	-	31	0.44
C74	Adrenal Gland	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	3	0.04
C77	Sec Lymph Nodes	-	-	-	-	-	-	-	1	1	7	3	11	3	13	8	7	-	54	0.77
C78	Sec Resp & Digestive	-	-	-	2	-	-	-	-	2	2	-	2	6	3	3	4	-	24	0.34
C79	Sec Others	-	-	-	-	-	-	-	-	2	1	-	1	2	1	-	3	-	10	0.14
C81	Hodgkins Disease	-	2	2	3	2	4	1	3	3	1	2	5	8	6	5	8	-	55	0.78
C82-85,C96	NHL	3	9	4	4	5	7	14	15	21	18	26	22	26	33	27	40	1	275	3.92
C90	Multiple Myeloma	-	1	-	-	-	-	-	-	4	6	9	11	15	28	24	21	-	119	1.7
C91	Lymphoid Leuk.	17	18	20	11	12	9	4	6	4	8	10	8	8	8	8	13	-	164	2.34
C92-94	Myeloid Leukaemia	6	4	14	16	18	13	16	16	20	13	18	11	21	20	20	33	-	259	3.7
C95	Leukaemia Uns	6	1	9	7	5	4	1	1	1	3	6	5	3	8	4	7	-	71	1.01
O&U	Other and Uns	1	2	3	1	1	6	7	13	22	18	32	47	47	55	47	71	-	373	5.32
	All Sites	60	61	77	76	94	87	113	202	294	435	673	725	870	1028	907	1300	7	7009	100.00

TABLE MUM-7 (b): Number of Cancer Deaths by Five Year Age Group and Site (ICD-10):
2001-2003 – Females

% = Relative Proportion of Cancers of All Sites.

Mumbai

ICD-10	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+	Unkn	Total	%
C00	Lip	-	-	-	-	-	-	-	-	1	1	-	-	2	3	1	1	-	9	0.15
C01-02	Tongue	-	1	-	-	1	-	1	3	6	9	10	5	11	14	11	16	-	88	1.44
C03-06	Mouth	-	-	-	-	-	-	1	8	11	13	16	19	23	21	19	25	-	156	2.55
C07-8	Salivary Gland	-	-	-	-	-	-	1	-	-	3	-	-	1	1	1	4	-	11	0.18
C09	Tonsil	-	-	-	-	-	-	-	-	-	1	4	1	2	1	1	2	-	12	0.2
C10	Oth. Oropharynx	-	-	-	-	-	-	-	-	-	2	2	7	3	1	2	1	-	18	0.29
C11	Nasopharynx	-	-	-	-	1	1	1	-	2	-	1	1	3	1	2	4	-	17	0.28
C12-13	Hypopharynx	-	-	-	-	-	1	1	1	4	1	2	5	5	4	3	9	-	36	0.59
C14	Pharynx Unspecified	-	-	-	-	-	1	1	2	-	2	4	2	3	8	6	7	-	36	0.59
C15	Oesophagus	-	-	-	-	2	4	7	10	17	29	33	35	46	64	67	76	2	392	6.41
C16	Stomach	2	-	-	-	1	2	2	6	14	12	11	23	20	21	27	25	-	166	2.72
C17	Small Intestine	-	-	1	-	1	-	-	1	1	1	1	-	-	1	3	5	-	15	0.25
C18	Colon	-	1	-	1	-	-	4	5	3	7	22	15	16	19	18	47	1	159	2.6
C19-20	Rectum	-	-	-	4	3	3	3	10	7	12	10	10	11	16	16	17	-	122	2.0
C21	Anus & Anal Canal	-	-	-	-	-	-	-	-	-	-	-	2	-	1	2	1	-	6	0.1
C22	Liver	1	-	-	-	1	2	4	9	10	17	8	23	27	36	32	53	-	223	3.65
C23-24	Gallbladder etc.	-	-	-	-	-	1	1	12	7	18	10	17	20	29	13	30	-	158	2.58
C25	Pancreas	-	-	-	-	-	1	1	7	4	7	15	12	16	26	31	45	-	165	2.7
C30-31	Nose, Sinuses etc.	-	-	1	-	1	-	-	1	-	3	1	-	5	1	2	3	-	18	0.29
C32	Larynx	-	-	-	-	-	-	1	1	2	4	4	9	9	8	11	18	-	67	1.1
C33-34	Lung etc.	1	-	1	-	1	3	8	12	15	35	28	44	50	40	42	53	-	333	5.45
C37-38	Other Thoracic Organs	-	-	1	-	-	-	-	-	1	1	1	1	2	-	2	-	1	10	0.16
C40-41	Bone	1	1	4	5	1	1	3	2	-	3	2	5	9	7	6	13	-	63	1.03
C43	Melanoma of Skin	-	-	-	-	-	-	-	-	-	2	1	2	1	1	-	3	-	10	0.16
C44	Other Skin	-	-	1	-	-	-	1	1	1	-	1	2	1	1	1	8	-	18	0.29
C45	Mesothelioma	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	2	0.03
C46	Kaposi Sarcoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47+C49	Conn. & Soft Tissue	1	-	2	3	4	2	2	1	3	4	2	1	5	-	1	4	-	35	0.57
C50	Breast	1	-	-	1	2	15	32	66	109	177	172	164	125	127	83	177	1	1252	20.48
C51	Vulva	-	-	-	-	-	-	-	-	-	1	1	-	-	-	2	2	-	6	0.1
C52	Vagina	-	-	-	-	-	-	-	2	2	4	3	4	1	3	1	3	-	23	0.38
C53	Cervix Uteri	-	-	-	-	-	4	6	28	48	64	71	62	70	65	50	62	1	531	8.68
C54	Corpus Uteri	-	-	-	-	-	-	-	1	1	2	7	5	7	10	9	5	-	47	0.77
C55	Uterus Unspecified	-	-	-	-	-	1	2	7	7	19	14	17	17	21	24	17	-	146	2.39
C56	Ovary etc.	1	-	1	3	5	5	6	11	31	38	49	43	42	50	46	41	-	372	6.08
C57	Other Female Genital	1	-	-	-	2	2	3	3	6	14	11	14	22	14	15	19	-	126	2.06
C58	Placenta	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	0.02
C64	Kidney etc.	2	1	-	-	-	1	1	1	-	3	6	4	4	4	3	11	-	41	0.67
C65	Renal Pelvis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	Ureter	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	0.02
C67	Bladder	1	-	-	-	-	-	-	1	2	2	4	3	9	5	2	22	-	51	0.83
C68	Uns.Urinary Organs	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	-	-	3	0.05
C69	Eye	4	1	-	-	-	1	1	1	-	-	-	-	-	-	1	-	-	9	0.15
C70-72	Brain, Nervous System	4	8	4	7	8	6	6	7	11	11	24	18	11	21	19	14	-	179	2.93
C73	Thyroid	-	-	-	-	-	1	-	2	-	-	5	3	4	8	4	14	-	41	0.67
C74	Adrenal Gland	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	3	0.05
C77	Sec Lymph Nodes	1	-	-	-	-	-	1	1	2	3	1	3	3	3	2	5	-	25	0.41
C78	Sec Resp & Digestive	-	-	-	-	-	-	-	-	1	4	2	4	4	1	4	4	-	24	0.39
C79	Sec Others	-	-	-	1	-	-	-	-	-	-	1	-	1	2	2	-	-	7	0.11
C81	Hodgkins Disease	-	1	-	3	2	1	-	1	2	1	3	1	3	4	2	5	-	29	0.47
C82-85,C96	NHL	1	2	4	1	2	6	7	9	9	10	12	14	22	20	21	41	-	181	2.96
C90	Multiple Myeloma	-	-	-	-	-	-	1	1	2	3	5	12	11	14	9	11	-	69	1.13
C91	Lymphoid Leuk.	7	13	11	7	5	4	2	4	4	1	-	5	5	4	2	9	-	83	1.36
C92-94	Myeloid Leukaemia	4	5	7	12	6	9	13	19	20	10	8	13	12	9	8	17	-	172	2.81
C95	Leukaemia Uns	8	7	3	6	2	2	4	2	4	3	3	2	8	7	2	10	-	73	1.19
O&U	Other and Uns	2	2	2	6	-	5	13	3	15	24	21	23	34	29	28	52	1	260	4.25
	All Sites	44	43	44	60	53	85	142	263	385	583	612	657	709	748	663	1016	7	6114	100.00

TABLE: MUM-8(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: 2001-2003 - Males
Mumbai

ICD-10	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
C00	-	-	-	-	-	0.0	0.1	-	-	0.2	0.2	0.3	-	-	-	1.4	0.1	0.1	0.02	0.1
C01-02	-	-	-	-	0.1	0.0	0.5	0.6	1.6	3.5	5.5	7.1	7.0	10.1	10.6	19.0	1.5	2.1	0.13	3.8
C03-06	-	-	-	0.0	-	-	0.3	0.6	1.8	3.6	5.5	8.1	8.1	9.8	10.2	15.3	1.5	2.1	0.13	4.1
C07-8	-	-	-	-	-	-	0.1	0.1	0.1	0.1	0.3	0.5	0.5	0.6	0.9	3.3	0.1	0.2	0.04	0.2
C09	-	-	-	-	-	0.0	-	-	0.1	0.3	1.7	0.7	1.1	3.6	2.3	2.8	0.3	0.4	0.06	0.6
C10	-	-	-	-	-	-	-	0.1	0.3	0.7	0.7	0.7	1.4	1.5	3.2	1.4	0.2	0.3	0.05	0.6
C11	-	-	0.2	0.0	0.1	-	-	0.1	-	0.5	0.2	0.3	1.6	1.5	0.9	1.9	0.2	0.2	0.04	0.4
C12-13	-	-	-	0.0	-	-	-	0.2	0.7	1.1	1.4	2.6	4.1	7.2	11.1	6.0	0.6	1.0	0.09	1.5
C14	-	-	-	-	-	-	-	0.1	0.4	0.5	0.9	3.1	4.5	5.4	14.8	16.7	0.7	1.2	0.10	1.3
C15	-	0.1	-	-	-	0.0	0.1	0.5	0.9	3.3	8.0	11.6	16.7	29.5	39.7	52.0	2.8	4.5	0.19	5.8
C16	-	-	-	-	0.2	0.1	0.1	0.6	1.1	1.8	3.2	6.2	12.4	17.3	15.7	23.7	1.6	2.5	0.14	3.6
C17	-	-	-	-	-	-	-	-	0.1	0.2	-	0.7	0.5	0.3	1.4	2.3	0.1	0.1	0.03	0.2
C18	0.1	-	0.1	0.1	0.1	0.3	0.2	0.5	0.7	0.9	1.8	4.0	5.2	7.2	11.6	20.9	1.0	1.5	0.11	1.9
C19-20	0.1	-	-	-	0.1	0.2	0.2	0.7	0.6	0.9	2.5	2.6	5.2	3.6	8.3	17.2	0.8	1.2	0.10	1.8
C21	-	-	-	-	-	-	0.1	-	-	-	0.2	0.2	0.2	0.6	0.9	0.5	0.0	0.1	0.02	0.1
C22	0.3	-	-	-	0.1	0.1	0.2	0.9	0.5	2.5	3.6	7.6	14.0	27.8	28.6	39.0	2.2	3.5	0.17	4.1
C23-24	0.1	-	-	-	0.0	-	0.1	0.1	0.5	0.7	1.7	1.6	3.2	6.6	7.4	7.9	0.6	0.9	0.08	1.2
C25	-	-	-	-	-	-	0.1	0.1	0.3	1.0	3.1	3.8	8.6	8.1	19.4	21.4	1.1	1.8	0.12	2.4
C30-31	-	0.1	-	-	0.1	-	0.1	0.1	0.1	0.3	0.6	1.0	0.7	1.2	1.4	1.9	0.2	0.2	0.04	0.4
C32	-	-	-	-	-	-	-	0.5	1.7	2.2	5.2	9.5	12.9	19.1	34.7	44.6	2.2	3.6	0.17	4.6
C33-34	-	0.1	-	0.0	0.1	0.0	0.4	0.6	1.7	4.2	6.4	17.4	26.5	45.4	50.8	71.5	3.8	6.3	0.23	7.9
C37-38	-	-	-	-	-	-	0.1	0.1	-	-	0.1	-	0.7	0.3	0.5	1.9	0.1	0.1	0.03	0.1
C40-41	0.1	0.1	0.4	0.6	0.2	0.1	0.1	0.2	0.4	0.5	0.5	0.5	0.9	3.3	5.1	3.7	0.4	0.6	0.06	0.5
C43	-	-	-	-	-	0.0	0.1	0.1	0.1	-	0.1	-	-	-	-	0.9	0.0	0.0	0.02	0.1
C44	-	-	-	-	0.1	0.1	-	0.1	0.1	0.1	0.5	0.3	1.1	2.4	1.8	1.9	0.2	0.3	0.05	0.3
C45	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	0.2	0.1	-	0.1	0.0	0.2	0.1	0.2	-	0.1	0.7	0.5	1.6	1.2	4.2	3.7	0.3	0.4	0.06	0.4
C50	0.1	-	-	-	-	-	-	0.1	0.1	-	0.6	0.3	0.5	1.8	1.4	1.9	0.1	0.2	0.04	0.2
C60	-	-	-	-	-	-	-	0.1	0.1	-	0.1	0.5	1.1	1.8	0.9	2.3	0.1	0.2	0.04	0.3
C61	-	-	-	-	-	0.1	-	-	0.1	0.3	1.1	3.1	6.6	16.4	24.0	81.3	1.7	3.1	0.17	1.5
C62	0.1	-	-	0.1	0.1	0.1	0.2	0.4	-	-	0.1	0.2	0.5	-	1.4	0.9	0.1	0.2	0.03	0.2
C63	-	-	-	-	-	-	-	0.1	0.2	-	0.2	0.3	-	0.3	-	0.9	0.1	0.1	0.02	0.1
C64	0.1	0.2	-	-	0.0	-	0.1	0.2	0.2	0.6	0.9	2.2	5.7	3.0	5.5	6.5	0.5	0.8	0.08	1.4
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.5	0.5	0.0	0.0	0.01	-
C67	-	-	-	-	-	0.0	0.1	0.2	0.1	0.5	1.9	1.2	5.2	7.5	19.4	18.6	0.8	1.4	0.11	1.3
C68	-	-	0.1	0.0	-	-	-	-	-	0.1	0.2	-	-	-	0.5	-	0.0	0.0	0.01	0.1
C69	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	-
C70-72	0.5	0.7	0.7	0.3	0.5	0.4	0.7	1.1	0.9	1.7	4.4	4.3	6.6	8.1	7.9	7.9	1.3	1.8	0.11	2.8
C73	-	-	-	-	-	-	-	0.1	0.1	0.1	0.5	0.5	0.7	1.5	2.8	2.8	0.2	0.2	0.05	0.3
C74	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.3	0.5	-	0.0	0.0	0.01	-
C77	-	-	-	-	-	-	-	0.1	0.1	0.6	0.3	1.9	0.7	3.9	3.7	3.3	0.3	0.4	0.06	0.5
C78	-	-	-	0.1	-	-	-	-	0.1	0.2	-	0.3	1.4	0.9	1.4	1.9	0.1	0.2	0.04	0.3
C79	-	-	-	-	-	-	-	-	0.1	0.1	-	0.2	0.5	0.3	-	1.4	0.0	0.1	0.02	0.1
C81	-	0.1	0.1	0.1	0.1	0.2	0.1	0.2	0.2	0.1	0.2	0.9	1.8	1.8	2.3	3.7	0.3	0.4	0.05	0.5
C82-85,C96	0.2	0.5	0.2	0.2	0.2	0.3	0.8	0.9	1.6	1.6	3.0	3.8	5.9	9.8	12.5	18.6	1.3	1.9	0.12	2.5
C90	-	0.1	-	-	-	-	-	-	0.3	0.5	1.0	1.9	3.4	8.4	11.1	9.8	0.6	1.0	0.09	1.0
C91	1.1	1.1	1.1	0.5	0.5	0.4	0.2	0.4	0.3	0.7	1.1	1.4	1.8	2.4	3.7	6.0	0.8	1.0	0.08	0.9
C92-94	0.4	0.2	0.7	0.7	0.7	0.6	0.9	1.0	1.5	1.2	2.1	1.9	4.8	6.0	9.2	15.3	1.3	1.6	0.11	1.9
C95	0.4	0.1	0.5	0.3	0.2	0.2	0.1	0.1	0.1	0.3	0.7	0.9	0.7	2.4	1.8	3.3	0.3	0.5	0.06	0.4
O&U	0.1	0.1	0.2	0.0	0.0	0.3	0.4	0.8	1.6	1.6	3.7	8.1	10.6	16.4	21.7	33.0	1.8	2.9	0.15	3.8
All	4.0	3.7	4.1	3.5	3.8	3.9	6.2	12.6	21.9	39.4	77.1	125.0	196.9	306.8	419.1	603.9	34.4	53.4	0.66	68.3

TABLE: MUM-8(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: 2001-2003 - Females
Mumbai

ICD-10	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
C00	-	-	-	-	-	-	-	-	0.1	0.1	-	-	0.5	0.9	0.4	0.4	0.1	0.1	0.03	0.1
C01-02	-	0.1	-	-	0.1	-	0.1	0.2	0.6	1.0	1.5	1.0	2.6	4.1	4.9	6.4	0.5	0.7	0.07	1.1
C03-06	-	-	-	-	-	-	0.1	0.6	1.1	1.4	2.4	3.9	5.4	6.1	8.4	10.0	0.9	1.2	0.10	2.2
C07-8	-	-	-	-	-	-	0.1	-	-	0.3	-	-	0.2	0.3	0.4	1.6	0.1	0.1	0.03	0.1
C09	-	-	-	-	-	-	-	-	-	0.1	0.6	0.2	0.5	0.3	0.4	0.8	0.1	0.1	0.03	0.2
C10	-	-	-	-	-	-	-	-	-	0.2	0.3	1.4	0.7	0.3	0.9	0.4	0.1	0.1	0.04	0.4
C11	-	-	-	-	0.1	0.1	0.1	-	0.2	-	0.1	0.2	0.7	0.3	0.9	1.6	0.1	0.1	0.03	0.2
C12-13	-	-	-	-	-	0.1	0.1	0.1	0.4	0.1	0.3	1.0	1.2	1.2	1.3	3.6	0.2	0.3	0.05	0.4
C14	-	-	-	-	-	0.1	0.1	0.1	-	0.2	0.6	0.4	0.7	2.3	2.7	2.8	0.2	0.3	0.05	0.3
C15	-	-	-	-	0.1	0.2	0.5	0.7	1.7	3.2	4.9	7.2	10.9	18.6	29.6	30.4	2.4	3.1	0.16	4.2
C16	0.1	-	-	-	0.1	0.1	0.1	0.4	1.4	1.3	1.6	4.8	4.7	6.1	11.9	10.0	1.0	1.3	0.10	2.1
C17	-	-	0.1	-	0.1	-	-	0.1	0.1	0.1	0.1	-	-	0.3	1.3	2.0	0.1	0.1	0.03	0.1
C18	-	0.1	-	0.1	-	-	0.3	0.4	0.3	0.8	3.3	3.1	3.8	5.5	8.0	18.8	1.0	1.3	0.10	1.7
C19-20	-	-	-	0.3	0.2	0.2	0.2	0.7	0.7	1.3	1.5	2.1	2.6	4.6	7.1	6.8	0.7	0.9	0.08	1.4
C21	-	-	-	-	-	-	-	-	-	-	-	0.4	-	0.3	0.9	0.4	0.0	0.1	0.02	0.1
C22	0.1	-	-	-	0.1	0.1	0.3	0.7	1.0	1.9	1.2	4.8	6.4	10.5	14.1	21.2	1.4	1.8	0.12	2.3
C23-24	-	-	-	-	-	0.1	0.1	0.9	0.7	2.0	1.5	3.5	4.7	8.4	5.7	12.0	1.0	1.2	0.10	2.0
C25	-	-	-	-	-	0.1	0.1	0.5	0.4	0.8	2.2	2.5	3.8	7.5	13.7	18.0	1.0	1.3	0.10	1.5
C30-31	-	-	0.1	-	0.1	-	-	0.1	-	0.3	0.1	-	1.2	0.3	0.9	1.2	0.1	0.1	0.03	0.3
C32	-	-	-	-	-	-	0.1	0.1	0.2	0.4	0.6	1.9	2.1	2.3	4.9	7.2	0.4	0.5	0.07	0.7
C33-34	0.1	-	0.1	-	0.1	0.2	0.6	0.9	1.5	3.9	4.2	9.1	11.8	11.6	18.6	21.2	2.0	2.6	0.15	4.6
C37-38	-	-	0.1	-	-	-	-	-	0.1	0.1	0.1	0.2	0.5	-	0.9	-	0.1	0.1	0.02	0.2
C40-41	0.1	0.1	0.2	0.3	0.1	0.1	0.2	0.1	-	0.3	0.3	1.0	2.1	2.0	2.7	5.2	0.4	0.5	0.06	0.5
C43	-	-	-	-	-	-	-	-	-	0.2	0.1	0.4	0.2	0.3	-	1.2	0.1	0.1	0.03	0.2
C44	-	-	0.1	-	-	-	0.1	0.1	0.1	-	0.1	0.4	0.2	0.3	0.4	3.2	0.1	0.1	0.03	0.1
C45	-	-	-	-	-	-	0.1	-	-	-	-	0.2	-	-	-	-	0.0	0.0	0.01	0.0
C46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C47 + C49	0.1	-	0.1	0.2	0.2	0.1	0.1	0.1	0.3	0.4	0.3	0.2	1.2	-	0.4	1.6	0.2	0.2	0.04	0.4
C50	0.1	-	-	0.1	0.1	0.9	2.3	4.9	10.7	19.6	25.7	34.0	29.5	36.9	36.7	70.8	7.6	9.4	0.27	19.2
C51	-	-	-	-	-	-	-	-	-	0.1	0.1	-	-	-	0.9	0.8	0.0	0.0	0.02	0.0
C52	-	-	-	-	-	-	-	0.1	0.2	0.4	0.4	0.8	0.2	0.9	0.4	1.2	0.1	0.2	0.04	0.4
C53	-	-	-	-	-	0.2	0.4	2.1	4.7	7.1	10.6	12.8	16.5	18.9	22.1	24.8	3.2	4.1	0.18	8.2
C54	-	-	-	-	-	-	-	0.1	0.1	0.2	1.0	1.0	1.7	2.9	4.0	2.0	0.3	0.4	0.06	0.6
C55	-	-	-	-	-	0.1	0.1	0.5	0.7	2.1	2.1	3.5	4.0	6.1	10.6	6.8	0.9	1.1	0.10	2.0
C56	0.1	-	0.1	0.2	0.3	0.3	0.4	0.8	3.1	4.2	7.3	8.9	9.9	14.5	20.3	16.4	2.3	2.9	0.15	5.2
C57	0.1	-	-	-	0.1	0.1	0.2	0.2	0.6	1.5	1.6	2.9	5.2	4.1	6.6	7.6	0.8	1.0	0.09	1.8
C58	-	-	-	-	0.1	-	-	-	-	-	-	-	-	-	-	-	0.0	0.0	0.00	-
C64	0.1	0.1	-	-	-	0.1	0.1	0.1	-	0.3	0.9	0.8	0.9	1.2	1.3	4.4	0.2	0.3	0.05	0.5
C65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
C66	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	-	-	0.0	0.0	0.01	0.0
C67	0.1	-	-	-	-	-	-	0.1	0.2	0.2	0.6	0.6	2.1	1.5	0.9	8.8	0.3	0.4	0.06	0.5
C68	-	-	-	-	-	-	-	-	-	0.1	-	-	-	-	0.9	-	0.0	0.0	0.01	0.0
C69	0.3	0.1	-	-	-	0.1	0.1	0.1	-	-	-	-	-	-	0.4	-	0.1	0.1	0.02	0.0
C70-72	0.3	0.5	0.2	0.4	0.5	0.4	0.4	0.5	1.1	1.2	3.6	3.7	2.6	6.1	8.4	5.6	1.1	1.3	0.10	1.9
C73	-	-	-	-	-	0.1	-	0.1	-	-	0.7	0.6	0.9	2.3	1.8	5.6	0.2	0.3	0.05	0.4
C74	0.1	-	0.1	-	-	-	-	-	-	-	-	-	0.2	-	-	-	0.0	0.0	0.01	0.0
C77	0.1	-	-	-	-	-	0.1	0.1	0.2	0.3	0.1	0.6	0.7	0.9	0.9	2.0	0.2	0.2	0.04	0.3
C78	-	-	-	-	-	-	-	-	0.1	0.4	0.3	0.8	0.9	0.3	1.8	1.6	0.1	0.2	0.04	0.4
C79	-	-	-	0.1	-	-	-	-	-	-	0.1	-	0.2	0.6	0.9	-	0.0	0.1	0.02	0.1
C81	-	0.1	-	0.2	0.1	0.1	-	0.1	0.2	0.1	0.4	0.2	0.7	1.2	0.9	2.0	0.2	0.2	0.04	0.3
C82-85,C96	0.1	0.1	0.2	0.1	0.1	0.4	0.5	0.7	0.9	1.1	1.8	2.9	5.2	5.8	9.3	16.4	1.1	1.4	0.10	1.8
C90	-	-	-	-	-	-	0.1	0.1	0.2	0.3	0.7	2.5	2.6	4.1	4.0	4.4	0.4	0.6	0.07	0.9
C91	0.5	0.9	0.7	0.4	0.3	0.2	0.1	0.3	0.4	0.1	-	1.0	1.2	1.2	0.9	3.6	0.5	0.6	0.06	0.4
C92-94	0.3	0.3	0.4	0.8	0.4	0.5	0.9	1.4	2.0	1.1	1.2	2.7	2.8	2.6	3.5	6.8	1.0	1.1	0.09	1.8
C95	0.6	0.5	0.2	0.4	0.1	0.1	0.3	0.1	0.4	0.3	0.4	0.4	1.9	2.0	0.9	4.0	0.4	0.5	0.06	0.5
O&U	0.1	0.1	0.1	0.4	-	0.3	0.9	0.2	1.5	2.7	3.1	4.8	8.0	8.4	12.4	20.8	1.6	2.0	0.13	3.0
All	3.2	2.9	2.7	3.8	3.2	5.1	10.2	19.7	37.9	64.4	91.4	136.1	167.3	217.1	293.1	406.6	37.1	47.1	0.61	77.5

TABLE MUM-9(a): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003:
Males - Mumbai

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.03	0.03	0.03	0.03
C01-02	Tongue	0.3	0.3	0.52	0.52
C03-06	Mouth	0.51	0.5	0.81	0.81
C07-8	Salivary Gland	0.04	0.04	0.06	0.06
C09	Tonsil	0.06	0.06	0.13	0.13
C10	Oth. Oropharynx	0.04	0.04	0.09	0.09
C11	Nasopharynx	0.03	0.03	0.05	0.05
C12-13	Hypopharynx	0.18	0.18	0.46	0.45
C14	Pharynx Unspecified	0.04	0.04	0.08	0.08
C15	Oesophagus	0.31	0.31	0.74	0.74
C16	Stomach	0.24	0.24	0.5	0.5
C17	Small Intestine	0.02	0.02	0.04	0.04
C18	Colon	0.15	0.15	0.32	0.31
C19-20	Rectum	0.16	0.16	0.31	0.31
C21	Anus & Anal Canal	0.02	0.02	0.03	0.03
C22	Liver	0.19	0.19	0.53	0.53
C23-24	Gallbladder etc.	0.09	0.09	0.21	0.21
C25	Pancreas	0.11	0.11	0.25	0.25
C30-31	Nose, Sinuses etc.	0.03	0.03	0.06	0.06
C32	Larynx	0.3	0.3	0.78	0.78
C33-34	Lung etc.	0.45	0.45	1.13	1.13
C37-38	Other Thoracic Organs	0.02	0.02	0.02	0.02
C40-41	Bone	0.06	0.06	0.1	0.1
C43	Melanoma of Skin	0.01	0.01	0.03	0.03
C44	Other Skin	0.07	0.07	0.13	0.13
C45	Mesothelioma	0	0	0	0
C46	Kaposi Sarcoma	0	0	0	0
C47+C49	Conn. & Soft Tissue	0.07	0.07	0.12	0.12
C50	Breast	0.02	0.02	0.04	0.04
C60	Penis	0.06	0.06	0.1	0.1
C61	Prostate	0.16	0.16	0.71	0.71
C62	Testis	0.04	0.04	0.05	0.05
C63	Other Male Genital	0	0	0	0
C64	Kidney etc.	0.13	0.13	0.25	0.25
C65	Renal Pelvis	-	-	-	-
C66	Ureter	0	0	0	0
C67	Bladder	0.17	0.17	0.43	0.42
C68	Uns.Urinary Organs	0	0	0	0
C69	Eye	0.01	0.01	0.01	0.01
C70-72	Brain, Nervous System	0.24	0.24	0.4	0.4
C73	Thyroid	0.05	0.05	0.08	0.08
C74	Adrenal Gland	0.01	0.01	0.01	0.01
C77	Sec Lymph Nodes	0.1	0.1	0.18	0.18
C78	Sec Resp & Digestive	0.07	0.07	0.14	0.14
C79	Sec Others	0.03	0.03	0.07	0.07
C81	Hodgkins Disease	0.06	0.06	0.09	0.09
C82-85,C96	NHL	0.23	0.23	0.46	0.46
C90	Multiple Myeloma	0.08	0.08	0.23	0.23
C91	Lymphoid Leuk.	0.08	0.08	0.12	0.12
C92-94	Myeloid Leukaemia	0.13	0.13	0.21	0.21
C95	Leukaemia Uns	0.03	0.03	0.05	0.05
O&U	Other and Uns	0.1	0.1	0.24	0.24
	All Sites	5.35	5.21	11.44	10.81

TABLE MUM-9(b): Cumulative Rate (Cu.Rate%) & Cumulative Risk (Cu. Risk) of Individual Sites (ICD-10) Based on Age Specific Rates (from 0-64 Years and from 0-74 Years) 2001-2003: Females - Mumbai

ICD-10	Site	0 - 64 Years		0 - 74 Years	
		Cu. Rate %	Cu. Risk	Cu. Rate%	Cu. Risk
C00	Lip	0.02	0.02	0.03	0.03
C01-02	Tongue	0.13	0.13	0.21	0.21
C03-06	Mouth	0.26	0.26	0.42	0.42
C07-8	Salivary Gland	0.03	0.03	0.04	0.04
C09	Tonsil	0.01	0.01	0.02	0.02
C10	Oth. Oropharynx	0.01	0.01	0.02	0.02
C11	Nasopharynx	0.01	0.01	0.02	0.02
C12-13	Hypopharynx	0.06	0.06	0.09	0.09
C14	Pharynx Unspecified	0.01	0.01	0.02	0.02
C15	Oesophagus	0.25	0.25	0.55	0.55
C16	Stomach	0.12	0.12	0.24	0.24
C17	Small Intestine	0.01	0.01	0.02	0.02
C18	Colon	0.12	0.12	0.23	0.23
C19-20	Rectum	0.11	0.11	0.24	0.24
C21	Anus & Anal Canal	0.01	0.01	0.03	0.03
C22	Liver	0.09	0.09	0.21	0.21
C23-24	Gallbladder etc.	0.15	0.15	0.24	0.24
C25	Pancreas	0.07	0.07	0.19	0.19
C30-31	Nose, Sinuses etc.	0.03	0.03	0.06	0.06
C32	Larynx	0.04	0.04	0.07	0.07
C33-34	Lung etc.	0.2	0.2	0.39	0.39
C37-38	Other Thoracic Organs	0.02	0.02	0.03	0.03
C40-41	Bone	0.05	0.05	0.06	0.06
C43	Melanoma of Skin	0.02	0.02	0.03	0.03
C44	Other Skin	0.04	0.04	0.09	0.09
C45	Mesothelioma	0	0	0	0
C46	Kaposi Sarcoma	-	-	-	-
C47 + C49	Conn. & Soft Tissue	0.06	0.06	0.09	0.09
C50	Breast	2.06	2.04	3.05	3
C51	Vulva	0.02	0.02	0.03	0.03
C52	Vagina	0.04	0.04	0.07	0.07
C53	Cervix Uteri	1.01	1	1.47	1.46
C54	Corpus Uteri	0.19	0.19	0.36	0.35
C55	Uterus Unspecified	0.05	0.05	0.11	0.11
C56	Ovary etc.	0.5	0.5	0.82	0.81
C57	Other Female Genital	0.01	0.01	0.02	0.02
C58	Placenta	0	0	0	0
C64	Kidney etc.	0.06	0.06	0.09	0.09
C65	Renal Pelvis	0	0	0	0
C66	Ureter	0	0	0	0
C67	Bladder	0.05	0.05	0.1	0.1
C68	Uns.Urinary Organs	-	-	-	-
C69	Eye	0.01	0.01	0.01	0.01
C70-72	Brain, Nervous System	0.17	0.17	0.26	0.26
C73	Thyroid	0.1	0.1	0.15	0.15
C74	Adrenal Gland	0.01	0.01	0.01	0.01
C77	Sec Lymph Nodes	0.05	0.05	0.07	0.07
C78	Sec Resp & Digestive	0.06	0.06	0.11	0.11
C79	Sec Others	0.04	0.04	0.07	0.07
C81	Hodgkins Disease	0.03	0.03	0.05	0.05
C82-85,C96	NHL	0.18	0.18	0.32	0.32
C90	Multiple Myeloma	0.06	0.06	0.11	0.11
C91	Lymphoid Leuk.	0.06	0.06	0.08	0.08
C92-94	Myeloid Leukaemia	0.1	0.1	0.14	0.14
C95	Leukaemia Uns	0.04	0.04	0.05	0.05
O&U	Other and Uns	0.08	0.08	0.16	0.16
	All Sites	6.9	6.67	11.4	10.78