

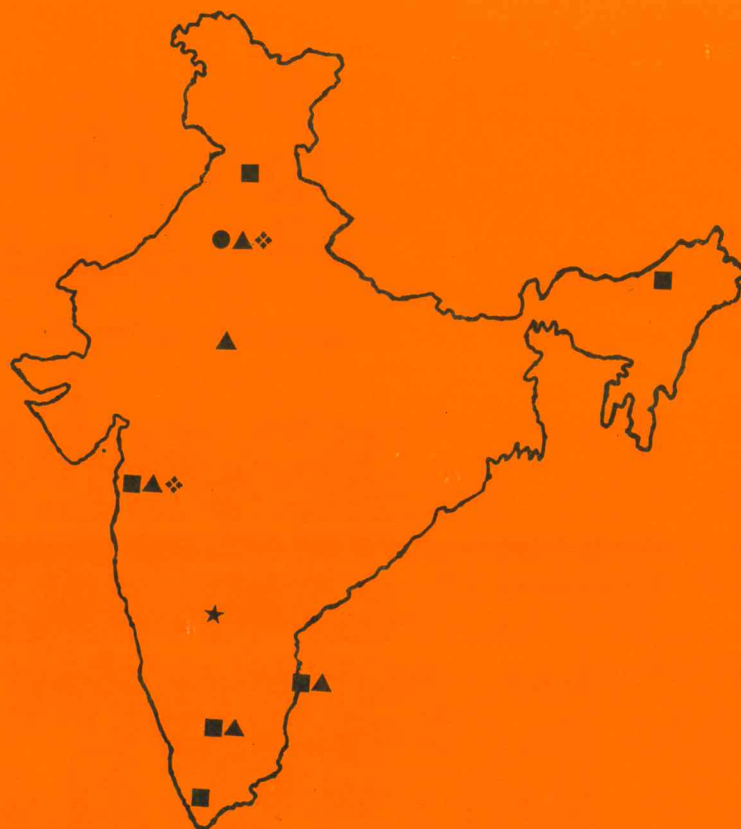
NATIONAL CANCER REGISTRY PROGRAMME

BIENNIAL REPORT

1988 - 1989

AN EPIDEMIOLOGICAL STUDY

NCRP
1988-1989
R1022



INDIAN COUNCIL OF MEDICAL RESEARCH
NEW DELHI

NATIONAL CANCER REGISTRY PROGRAMME

BIENNIAL REPORT

POPULATION-BASED CANCER REGISTRIES

1988 - 1989

AN EPIDEMIOLOGICAL STUDY

Programme Director

USHA K. LUTHRA

Prepared by

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NCRP Scientific Publication



INDIAN COUNCIL OF MEDICAL RESEARCH

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National Cancer Registry Programme,
Indian Council of Medical Research,
July, 1992.

The population for Bangalore, Bombay, Madras, Bhopal, Delhi & Barshi has been estimated, based on 1981 and 1991 censuses by exponential rate growth method. The incidence rates for all the registry centres have been computed with these estimates. The population estimates have been prepared in consultation with the International Institute for Population Sciences (Dr. P.C. Saxena).

Incidence rates, in this publication, have been revised based on intercensal population estimates on 1981 and 1991 censuses.

Incidence rates published in NCRP reports (1982 through 1987) were based on postcensal population estimates on 1971 and 1981 censuses. Earlier published rates may thus slightly differ with the figures reported in this publication.

The PBCRs have updated their data for earlier years. Numbers of incident cases by age (five year age-groups), sex and site (ICD.9) presented in this report are the updated figures, as per the data sent by the registries. These updated figures may slightly differ with earlier published NCRP reports.

Population-based cancer registries provided individual core data. Quality control checks, tabulations and statistical analysis were completed at Technical Wing, Delhi (Mr. D. K. Jain, Assistant Director, ICMR).

The publications of NCRP are intended to contribute to the dissemination of authoritative information on cancer incidence by age (5 year age-groups), sex and site (ICD.9).

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PREFACE

It gives me great pleasure to introduce the seventh Biennial Report of the National Cancer Registry Programme (NCRP) for the years 1988 - 1989.

As would be recalled, the NCRP was initiated in 1981-1982 by the ICMR by augmenting the population-based cancer registry at Bombay, establishing two new population-based cancer registries (PBCRs) at Bangalore and Madras and three hospital cancer registries (HCRs) one each at Chandigarh, Dibrugarh and Trivandrum. It was soon realised that for assessment of patient care including spread of disease prior to treatment, modalities of treatment and follow-up details for survival studies there was a need for a larger cancer patient data base. The ICMR thus decided to add three more HCRs at Bangalore, Bombay and Madras in 1984. Later on three more PBCRs specifically one at Delhi in 1986 and a special registry in Bhopal, following the worst chemical disaster, in 1986 and a rural registry at Barshi in Maharashtra in 1987 were added in the NCRP network in order to have a larger coverage of the population. As of present, the coverage of NCRP for urban population in the country is 12.8% and that of rural population is 0.06%. Total population coverage is 3.3%. Future expansion of NCRP on urban & rural PBCRs depends on availability of resources both financial and human.

The principal objectives of NCRP are : (i) to generate authentic data on the magnitude of cancer problem; (ii) to undertake epidemiological investigations and advice control measures; and (iii) promote human resource development in cancer epidemiology.

Operational Wing at ICMR HQs in Delhi and Technical Wing (Bombay and Delhi) have been coordinating the functioning of NCRP since its inception. Work of the NCRP is being regularly reviewed and monitored by a National Steering Committee and International Experts (W.H.O. Consultants). We are grateful for their advice and contributions in the working of NCRP.

The NCRP is a rich resource to the researchers, yielding information on the types of cancer in different population groups. The registry can be used for following up tobacco users, industrial workers, occupational groups and other cohorts of individuals with specific exposures, and is a useful source for case-control studies. Once these registries collect data on long term basis, examination of time trends, particularly when done for birth cohorts, can provide unequalled insight into the likely size of the burden of a given site of cancer for many years to come.

During the eight year period i.e., 1982-1989, the six PBCRs have provided the incidence rates by age, sex and site (ICD.9); the most common forms of cancers in men and women. Annual numbers of cases and incidence rates provide the magnitude of the cancer problem in India and are most useful indicators if successful preventive measures are to be achieved in the control of cancer.

The NCRP has grown in size and content over the years, it was felt that in alternate years, the annual review meetings should concentrate on detailed presentation and technical discussions of consolidated reports of the PBCRs (or HCRs) with limited presentation on HCRs (or PBCRs). The current report focuses on PBCRs and includes incidence data and their rates for six PBCRs. During the year 1989, the six PBCRs registered a total of 12781 new cancer cases. Cases registered by individual registries were as follows : Bangalore -2739, Bombay - 6821, Madras - 3221, Delhi - 6205, Bhopal - 526 and Barshi - 179. The age-adjusted incidence rates, for all types of cancers were 112.2, 130.4 and 118.5 per 100,000 males and 124.7, 120.4, and 135.0 per 100,000 females in Bangalore, Bombay and Madras respectively. The incidence rates for other PBCRs were : Delhi (Male: 118.8, Female: 140.7), Bhopal (Male: 106.2, Female: 100.1) and Barshi (rural) (Male: 57.6, Female: 52.2). No significant change in incidence rates of cancers at various sites over the years has been observed by the registries.

All the registries have now been automated. The technical work including data transmission to the technical wings is carried out with the help of computers. Quality control measures of the registries data form an integral part of the NCRP in order to ensure the reliability of the data on incidence of cancer. The inclusion of a wider range of computerised validity checks such as for duplicates, sex v/s site (ICD.9), site v/s histology, date of diagnosis, extent of disease, residence status and on other variables, has facilitated cleaning of the data.

Recently decennial population census (March 1, 1991) was conducted by the Registrar General & Census Commissioner of India. Provisional figures by sex, released by the Census Department for the PBCRs areas, have been used for estimating the population.

The data generated by the NCRP has been useful in formulating and monitoring of the National Cancer Control Programme (NCCP) and preparing strategies for cancer control. The ICMR has also initiated epidemiological case control studies on cancers of the stomach, oesophagus, and pharynx in order to study the etiology of these cancers.

The incidence data of Bangalore, Bombay and Madras registries for the year 1982 appeared in Cancer Incidence in Five Continents, Volume V, 1987. The incidence data of these registries for the years 1983 - 1987 have also been accepted for publication in Volume VI of this monograph.

The NCRP is a long term activity and the ICMR has continued to make adequate financial provision for this activity. India is known for diversity of its populations and in order to widen coverage of populations over time, the ICMR Scientific Advisory Board (SAB) in 1988 decided a deescalating funding policy and to shift financial responsibilities in a phased manner to State authorities. This policy will also help involvement of States indirectly taking it as their own programme and subsequently will help in the working of the activities of the State Cancer Control Board (SCCB). Technical co-ordination between NCRP and registries would also continue so that qualitative data will be available to researchers and health administrators.

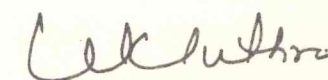
Accordingly, a new registry is given full assistance by ICMR for the first five years of its operation with a reduction of 25% every five years ensuring that the local authorities will bear full financial responsibility at the end of 20 years under continuing technical supervision by ICMR. Registries which have already completed five years of operation have willingly accepted these financial responsibilities. ICMR is thus able to utilize resources to bring new registries under its network and strengthen its activities in cancer epidemiology.

The Scientific Advisory Board (SAB) of the Council has quoted this deescalating strategy as a step in the right direction. This however needs close monitoring both from the point of view of scientific and financial performance. In 1989-90, the ICMR had decided to subject its major research programmes to Performance Evaluation by outside experts. Two such programmes of the Council i.e. (i) National Cancer Registry Programme (NCRP) of NCD division and (ii) Human Resource Research Centres (HRRC) of HRDR division have undergone such an evaluation.

In view of above, on-site performance of the NCRP was conducted by Drs. N.C.Mishra, P.C.Gupta, and P.S.S. Sundar Rao during the year 1989-90. The committee had visited and evaluated seven (out of twelve) cancer registries (PBCRs & HCRs). The PBCRs visited were Bangalore, Bombay, and Madras and HCRs Bangalore, Bombay, Madras and Trivandrum respectively. In their performance evaluation report, the committee is largely satisfied with the functioning of the registries.

Dr. C. S. Muir (IARC) and Dr. M. Hakama (Finland) who were the WHO consultants have opined in their report of November, 1990 that the NCRP is unique in that it comprises several population-based and hospital-based cancer registries throughout India, following common procedures and monitored by a technical wing. This programme is an essential indicator of the magnitude and site pattern of the cancer problem in India, of the success of cancer control and forms a basis for high quality scientific research.

I sincerely thank all the principal investigators and registry staff for their support in the working of NCRP and operational and technical wings staff for their coordination. I also thank the steering committee members and W.H.O. consultants for their painstaking efforts in improving the quality of working of the registries.



USHA K. LUTHRA
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"Epidemiology is the simplest and most direct method of studying the causes of disease in humans, and many major contributions have been made by studies that have demanded nothing more than ability to count, to think logically, and have an imaginative idea."

— SIR RICHARD DOLL

1. INTRODUCTION

This is the 7th consolidated biennial report of the National Cancer Registry Programme (Population-Based Cancer Registries-PBCRs). It includes incident cancer cases registered during the year 1988-1989 by the PBCRs at Bangalore, Bombay and Madras. These PBCRs registered a total of 12781 new cancer cases during 1989. In earlier years, they had contributed 12610 cases in 1988, 12095 cases in 1987, 11596 cases in 1986, 11199 cases in 1985, 10540 cases in 1984, 10179 cases in 1983 and 10096 cases in 1982.

This report also includes the data of Bhopal, Delhi and Barshi (rural) registries. Bhopal had registered 486 cases in 1988 and 526 cases in 1989; Delhi had registered 5854 cases in 1988 and 6205 cases in 1989. Barshi had recorded 172 cases in 1988 and 179 cases in 1989.

1.1 FORMAT OF THE REPORT

This consolidated report presents the recent data on cancer incidence of Bangalore, Bombay, Madras, Delhi, Bhopal and Barshi. The emphasis in this report is on cancer incidence during the year 1989. Analysis of data by method of diagnosis, indices of reliability, sources of registration is also included. Trends of cancer with time for Bangalore, Bombay and Madras registries over eight year period (i.e. 1982 through 1989) are studied in section 2.10.

1.2 POPULATION ESTIMATES

Population at risk has been estimated for the year 1989 (as on 1st July), by using the exponential rate growth for registry centres i.e., Bangalore, Bombay, Madras, Bhopal, and Delhi based on 1981 and 1991 (provisional) censuses. Barshi population has been estimated from 1971 and 1981 census figures. Details of intercensal/ postcensal population estimates are given in Appendix (II).

1.3 UTILITY OF THE REGISTRIES DATA UNDER NCRP

Under NCRP, a cancer registry can be defined as an organisation for the collection, storage, analysis & interpretation of data on persons with cancer. A hospital based registry undertakes these tasks within the confines of a hospital or a group of hospitals. A population-based registry is concerned with all newly diagnosed cases of cancer occurring in a population of well defined composition and size.

NCRP is an essential part of the National Cancer Control Programme. Its data can be used in a wide variety of areas of cancer control ranging from etiological research, through primary and secondary prevention to health-care planning and patient care, so benefiting both the individual and society. All registries possess the potential for developing and supporting research programmes using the information which they collect.

1.4 CODING MANUAL

The coding manual for PBCR was prepared by the technical wing (Delhi) and was later revised in consultation with the registries' staff. The registries are collecting and coding the information on cancer patients as per the rules framed therein.

1.5 USE OF COMPUTER

The ICMR has provided a micro-computer (MS-DOS compatible) to Bangalore, Bombay, Madras, Delhi and Bhopal registries. Barshi registry uses Tata Memorial Centre computer for data entry. All the PBCRs had entered their data on floppy disks and it was sent to technical wing (Delhi) for quality control checks and analysis. There were minimum data entry errors. The data was efficiently entered as per the data input programme designs, suggested in the PBCR coding manual. The processing and analysis of data on computer has infact reduced, upto a large extent, clerical and technical errors.

1.6 QUALITY CONTROL CHECKS

Quality control checks of incidence and mortality data of the registries form an integral part of the technical wing. Initially the data is checked for inconsistencies in data entry. Thereafter checks on duplicate entries are carried out. Inconsistency checks by sex and site (ICD.9), age, religion, method of diagnosis, date of diagnosis, histology, date of death, etc. are done.

References :

1. The Role of Registry in Cancer Control by D. M. Parkin, G.Wagner & C. S. Muir. IARC Scientific Publication No. 66, IARC, LYON, 1985.
2. Cancer Registration : Principles and Methods. Edited by O. M. Jensen, D. M. Parkin, R. MacLennan, C. S. Muir & R.G. Skeet. IARC Scientific Publications No. 95, IARC, LYON, 1991.

2. CANCER INCIDENCE

The magnitude of cancer problem in a community can be studied through incidence rates. The incidence rates serve many useful purposes. Attempt has been made in this section to study the age incidence by sex and site of all types of cancer and for selected sites in Bangalore, Bombay, Madras, Delhi, Bhopal & Barshi.

A comparison of incidence rates of Indian registries has been attempted with other registers reported from other countries in Cancer Incidence in Five Continents (volume V) so as to place the cancer problem in India in perspective. While it is difficult to assess correctly the comparative values of published statistics, the data from various sources reveal marked variations in risk by site and type of cancer. Comparability depends on a number of factors such as the validity of the reported figures, the quality of medical care available, and the techniques used in collecting and collating the available information on diagnosis and treatment. Wherever the methods of data collection are generally similar, a comparison of findings can be useful.

2.1 POPULATION-AT-RISK AND AREA COVERED

The population-at-risk and area covered by the six population-based registries under the NCRP network is given in Table 2.1.

TABLE 2.1 : POPULATION-AT-RISK AND AREA COVERED

REGISTRY	AREA *	POPULATION (millions) #		
		MALE	FEMALE	TOTAL
Bangalore@	191.2	2.03	1.83	3.86
Bombay@	603.0	5.25	4.25	9.50
Madras@	170.0	1.92	1.78	3.70
Delhi@	540.8	4.30	3.56	7.86
Bhopal@	284.9	0.52	0.46	0.98
Barshi\$	3713.4	0.20	0.20	0.40

* Square Kilometers # Estimates as on July 1, 1989 \$ Rural @ Urban

2.2 CANCER DATA

The incidence data is based on cancer cases diagnosed during the year 1989. Table 2.2 presents the incident cases of cancer by the registries.

TABLE 2.2 : INCIDENT CASES OF CANCER REGISTERED BY THE REGISTRIES, 1989.

REGISTRY	MALE	FEMALE	TOTAL
Bangalore	1334	1405	2739
Bombay	3698	3123	6821
Madras	1509	1712	3221
Delhi	3052	3153	6205
Bhopal	283	243	526
Barshi	90	89	179

2.3 DIAGNOSTIC CRITERIA

The diagnostic criterias used to diagnose cancer, during the year 1989, by the PBCRs, for men and women, for all sites (ICD.9 : 140-208) and all ages are presented in Table 2.3.

TABLE 2.3 : METHODS OF DIAGNOSIS (MOST VALID BASIS OF DIAGNOSIS) OF CANCER (%), 1989

METHOD OF DIAGNOSIS	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
Microscopic Verification	74.7	76.1	74.9	59.5	68.6	83.8
X-ray	2.9	3.1	4.3	1.2	13.1	2.8
Clinical Only	7.9	10.7	11.6	28.3	13.0	8.9
Others	0.3	1.6	4.1	0.03	2.1	0.0
DCO #	14.2	8.5	5.1	10.9	3.2	4.5
TOTAL %	100.00	100.00	100.00	100.00	100.00	100.00
n	2739	6821	3221	6205	526	179

DCO - Death Certificate Only.

2.4 Indices of reliability

In the assessment of reliability of cancer registration, for PBCRs, there are currently three commonly used numerical indices (Cancer Incidence in Five Continents, Vol. V, IARC, 1987) for comparing the registered data on incident cases :

(1) Microscopic verification of diagnosis (MV)

The proportion of cancer cases registered which had microscopic verification of diagnosis.

(2) Death certificate only (DCO)

The proportion of cases registered for which no information is available other than a statement on the death certificate that the deceased died from or with cancer.

(3) Mortality / Incidence ratio (M/I)

It is obvious that if the number of deaths from cancer exceeds the numbers registered then registration is incomplete, unless the incidence of that site of cancer is declining at a very rapid rate. Thus examination of the ratio of mortality to morbidity by site and age may give some indication as to the completeness of registration.

Tables 2.4a & 2.4b give the indices of reliability, for all sites and all ages, during the year 1989, for all the PBCRs. Table 2.4c presents indices of reliability for Connecticut, Oxford and Miyagi for comparison.

TABLE 2.4a : INDICES OF RELIABILITY. YEAR : 1989
SITE : ALL SITES (ICD.9 : 140-208). AGE : ALL AGES

DESCRIPTION	BANGALORE		BOMBAY		MADRAS	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Incident Cases (Total) (I)	1334	1405	3698	3123	1509	1712
Microscopically Verified (MV)	962	1085	2842	2346	1094	1318
Death Certificate Only (DCO)	227	161	274	312	77	86
Cancer Deaths (Total) (M)	400	316	1879	1596	519	379
MV (%)	72.1	77.2	76.9	75.1	72.5	77.0
DCO (%)	17.0	11.5	7.4	10.1	5.1	5.0
(M/I) (%)	30.0	22.5	50.8	51.0	34.4	22.1

TABLE 2.4b : INDICES OF RELIABILITY. YEAR : 1989
SITE : ALL SITES (ICD.9 : 140-208). AGE : ALL AGES

DESCRIPTION	DELHI		BHOPAL		BARSHI	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Incident Cases (Total) (I)	3052	3153	283	243	90	89
Microscopically Verified (MV)	1809	1885	192	169	73	77
Death Certificate Only (DCO)	383	295	10	7	5	3
Total Cancer Deaths (M)	707	560	85	56	70	58
MV (%)	59.3	59.8	67.8	69.6	81.1	86.5
DCO (%)	12.6	9.4	3.5	2.9	5.5	3.4
(M/I) (%)	23.2	17.8	30.0	23.0	77.8	65.2

TABLE 2.4c : INDICES OF RELIABILITY YEAR : 1978-1982
SITE : ALL SITES (ICD.9 : 140-208). AGE : ALL AGES

DESCRIPTION	CONNECTICUT (USA)+		OXFORD (U.K.)		MIYAGI (JAPAN)	
	MALE	FEMALE	MALE	FEMALE	MALE	FEMALE
Total Incident Cases (I)	29811	30590	17334	16655	9552	7936
Microscopically Verified (MV)	27128	28449	13694	13657	6400	5476
Death Certificate Only (DCO)	298	306	0	0	1433	1190
Total Cancer Deaths (M)	15800	14377	10747	9436	6400	4762
MV (%)	91.0	93.0	79.0	82.0	67.0	69.0
DCO (%)	1.0	1.0	0.0	0.0	15.0	15.0
(M/I) (%)	53.0	47.0	62.0	57.0	67.0	60.0

+ For White Population (All sites but 173).

Source : Cancer Incidence in Five Continents, Volume V, 1987.

2.5 SOURCES OF REGISTRATION

There is no legislation in India concerning registration and notification of disease cancer either at the Centre or at State level. The Indian Council of Medical Research, however, has set up a network of population-based cancer registries - Bangalore, Bombay, Madras, Delhi, Bhopal and Barshi (rural) under National Cancer Registry Programme. These registries collect information on cancer patients with the co-operation of local medical institutions. The various sources of information can be classified into following categories :

- Medical and health institutions providing service to the community, such as hospitals-government & private, clinics, dispensaries, maternal & child health centres, local health units, diagnostic laboratories- radiological and pathological, medical care programmes-employees state insurance schemes and the like.

These sources provide information on admissions to hospitals and other medical institutions or services, and diagnostic returns of the disease cancer for which treatment was provided or recommended, their duration and outcome. Staff members (i.e. social investigators of the registry) personally visit the wards of the cooperating hospitals and medical institutions regularly. Efforts are made to interview cancer patients and suspects. The record files maintained by the various departments of the hospitals - those of pathology, haematology, radiology and the various specialised surgical and medical wards - are also examined.

The requisite details obtained for each patient, are cross checked with the information collected from various departments of the hospitals, to ensure completeness of their records. Full information on every cancer patient, as per the NCRP core proforma, registered at each and every hospital is thus obtained, irrespective of whether or not the patient is subsequently treated at the particular hospital. Additional information is obtained every time a cancer patient is re-admitted or re-examined at the base institution.

(ii) Vital Statistics Division of the Department of Public Health of Municipal Corporation.

Death certificates maintained by the Vital Statistics Division particularly in the registration areas of Bangalore, Bombay, Madras, Delhi and Bhopal are scrutinised. Copies are made of all death certificates which mention cancer or tumour as the underlying cause of death. These death certificates are then matched against the registered cases in the registries files. Every cancer death not traceable to an entry in their files is marked as "unmatched death - DCO" and the date of death is then taken as the date of first diagnosis, and is so registered in the corresponding year's data files.

Barshi registry had made efforts to collect the data in the rural areas by following the similar methodology as that of urban centres.

Tabulation by sources of registration

Tables AI (Appendix I), analyse the sources of registration of incident cases of cancer by year of diagnosis, for the six registries.

BANGALORE : This centre had identified 185 institutions for collection of data on cancer patients in their registration area. Table AI.1 lists the major sources of registration. Kidwai Memorial Institute of Oncology where registry is located had contributed maximum number of cases i.e. 56.5% in 1982 out of 2137 cases, 62.4% in 1983 out of 2128 cases, 63.3% in 1984 out of 2144 cases, 71.2% in 1985 out of 2123 cases, 64.4% in 1986 out of 2217 cases, 64.7% in 1987 out of 2322 cases, 64.8% out of 2718 cases and 60.8% out of 2739 cases. Cases registered through death certificate only were 10.0% in 1982, 13.0% in 1983, 15.3% in 1984, 10.0% in 1985, 10.5% in 1986, 14.1% in 1987, 11.6% in 1988 and 14.2% in 1989. Contributions from other institutions are low, vary between 18% and 33.5%, during the years 1982 to 1989.

BOMBAY : The sources identified by the Bombay Cancer Registry were 168 institutions. Table AI.2 lists 32 main sources of registration of cancer cases. Tata Memorial Hospital continues to be the main source where 50.7% out of 5654 in 1982, 52.9% out of 5621 in 1983, 41.5% out of 5959 in 1984, 37.8% out of 6424 in 1985, 37.8% out of 6459 in 1986, 37.1% out of 6566 in 1987, 37.5% out of 6675 in 1988 and 34.3% out of 6821 in 1989 cancer cases were registered. Cancer cases registered through death certificates were 10.7% in 1982, 10.1% in 1983, 9.6% in 1984, 9.0% in 1985, 8.9% in 1986, 8.6% in 1987, 8.3% in 1988 and 8.6% in 1989.

MADRAS : Cancer Institute had identified 92 institutions for cancer notification. The main contributing institutions are listed in Table AI.3. Only about 13.8% to 19.8% cancer cases were registered, during the years 1982 to 1989, from Cancer Institute where the registry is located; the rest of the cases come from other institutions, mainly government and general hospitals. Cases registered through death certificates vary between 5.4% and 10.5% from 1982 to 1989.

BHOPAL : The institutions identified for cancer registration by the registry were 49 (Table AI.4). Total cases registered during 1989 were 526. Out of 526 cases, 51.9% were from Hamidia hospital, 13.3% from Sultania Zanana hospital, 6.1% from Kasturba hospital, 1.3% from Cancer hospital (Indore), 4.0% from Sajjad hospital, 7.0% from Tata Memorial Hospital (Bombay), death certificates 3.6% and remaining from other sources.

DELHI : This centre had identified 35 centres for cancer registration. 5854 cases were registered in 1988 and 6205 cases in 1989 from these sources (Table AI.5). Major sources of registrations were Safdarjung hospital (20.2% in 1988, 25.0% in 1989), All India Institute of Medical Sciences (21.6% in 1988, 16.0% in 1989), Maulana Azad Medical College (17.7% in 1988, 13.8% in 1989), Ram Manohar Lohia (5.4% in 1988, 5.0% in 1989) and death certificates (14.0% in 1988, 10.9% in 1989) and remaining from other hospitals.

BARSHI : This rural registry, during the years 1988 and 1989 had registered 172 and 179 cases respectively from 49 identified sources. Out of 172 cases in 1988, 48.3% from Barshi cancer hospital, 12.8% were registered through camps, 7.0% from Wadia hospital, 12.2% through death records and remaining from other sources. While in 1989, 62.2% were registered from Barshi cancer hospital and rest from other sources (Table AI.6).

2.6 CANCER INCIDENCE

The National Cancer Registry Programme is providing information on the incidence of cancer through the registry network. The population-based cancer registries have provided incidence rates for different types of cancers which are of vital importance to understand the size of the problem.

Age specific incidence rate

Comparison between the incidence of a disease in different places and at different times is always difficult, particularly if the disease is one that requires a high standard of medical care before it can be diagnosed and which varies sharply in incidence with age. In these circumstances, comparisons can lead to conclusions that are highly misleading, unless the limitations of the figures are appreciated. In the case of cancer, these limitations are well known (CIF V, 1987).

Men : All sites

There is a great deal of similarity in the age specific incidence curves in all the PBCRs, except Barshi centre where the ASRs are consistently lower for the ages 40 years and above than that of urban centres (figure 2.6).

Women : All sites

Apparently there is a similarity in the age specific incidence curves in all the urban PBCRs. Like males, the Barshi ASRs in females are lower for the ages 35 years and above than the urban women (figure 2.6).

Age-adjusted incidence rate

The annual age-adjusted (World population) incidence rates, for all types of cancers, during the year 1989, were 112.2, 130.4 and 118.5 per 100,000 males and 124.7, 120.4, and 135.0 per 100,000 females in Bangalore, Bombay and Madras respectively. The incidence rates for other areas were : Delhi (Male : 118.8, Female : 140.7 per 100,000), Bhopal (Male : 106.2, Female : 100.1 per 100,000) and Barshi (rural) (Male : 57.6, Female 52.2 per 100,000) (Table 2.6).

TABLE 2.6 : CRUDE, AGE-ADJUSTED AND TRUNCATED CANCER INCIDENCE RATES PER 100,000 PERSONS, 1989.

REGISTRY	MALES			FEMALES		
	CR	AAR	TCR	CR	AAR	TCR
URBAN						
BANGALORE	65.6	112.2	181.0	76.7	124.7	278.6
BOMBAY	70.4	130.4	201.4	73.4	120.4	233.6
MADRAS	78.7	118.5	216.5	95.9	135.0	316.9
DELHI	70.9	118.8	201.6	88.6	140.7	315.5
BHOPAL	54.3	106.2	188.8	52.4	100.1	219.7
RURAL						
BARSHI	44.1	57.6	108.8	44.5	52.2	120.4

CR - crude rate
AAR - age-adjusted rate (world population)
TCR - truncated rate (35-64 years) (world population)

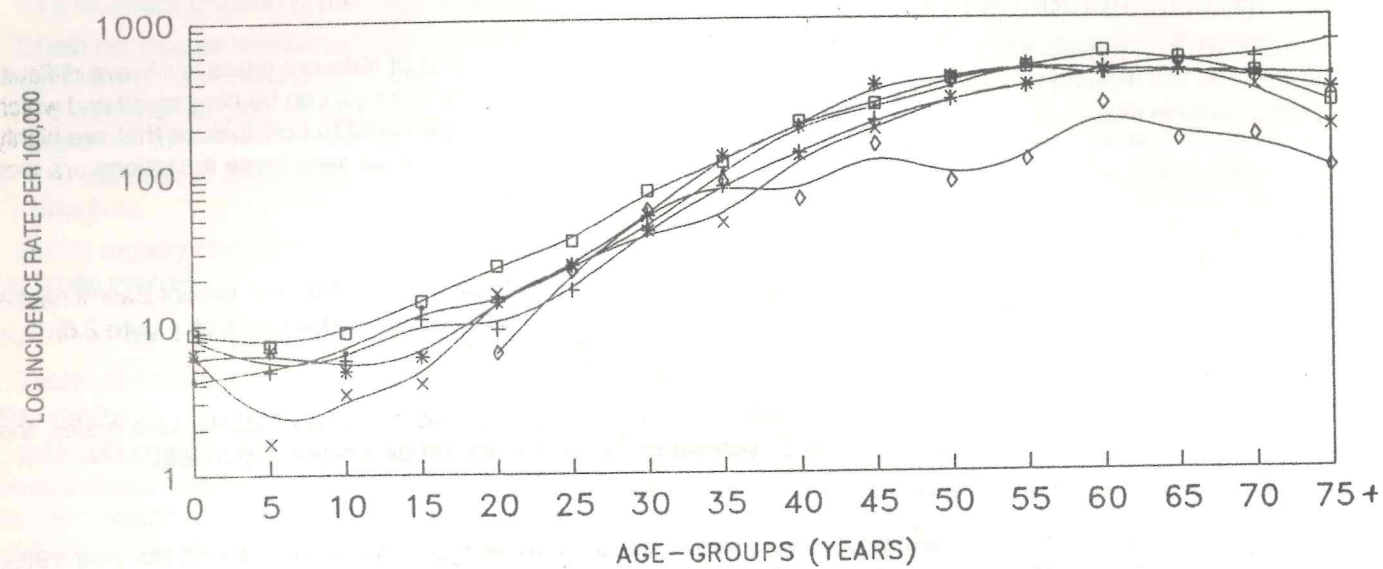
The age-adjusted incidence rates per 100,000 in Barshi registry (rural) were 57.6 in males and 52.2 in females respectively. Thus it appears that cancer incidence rates may be lower in rural areas of Barshi in comparison to urban centres.

Over all age-adjusted rates, in urban centres, among males, for Bombay (130.4) are higher than Bangalore (112.2), Madras (118.5), Delhi (118.8), and Bhopal (106.2). In comparison with other registries, the Connecticut registry exhibits age adjusted rates more than double those of Indian registries (Table 2.61).

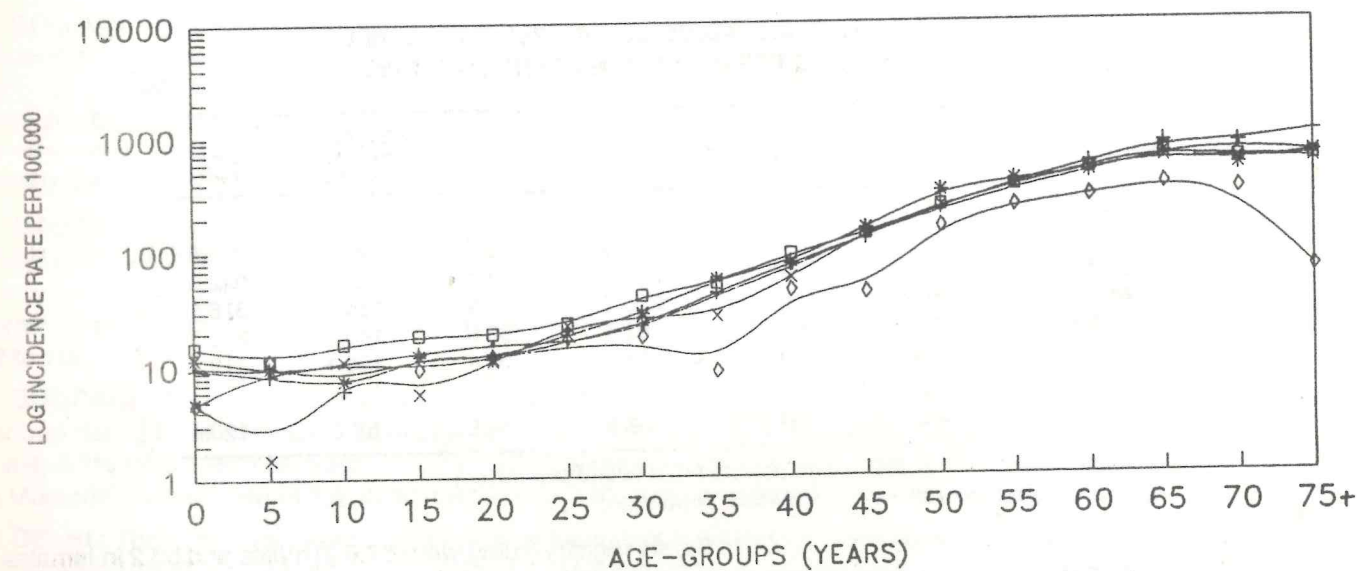
On the other hand, female age adjusted rates, in urban areas of Delhi (140.7) are higher than Bangalore (124.7), Bombay (120.4), Madras (135.0) and Bhopal (100.1). The AAR, for females, in Indian registries, are lower than the Cali (Colombia), Connecticut, Oxford, Finland and Japan rates (Table 2.61).

FIG. 2.6 : AGE SPECIFIC INCIDENCE RATE IN 1989
ALL SITES CANCER (ICD.9 : 140-208)

MALES



FEMALES



REGISTRY

- | | | |
|-------------|------------|------------|
| — BANGALORE | —+— BOMBAY | —*— MADRAS |
| —□— DELHI | —x— BHOPAL | —◇— BARSHI |

SOURCE : NCRP DATA

TABLE 2.61 : INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR),
TRUNCATED (TR) INCIDENCE RATE PER 100,000 PERSONS.
ALL SITES CANCER (ICD9.:140-208)
MALES

YEAR STUDIED	REGISTRY	AAR*	TR*
1978-82	USA (CONNECTICUT) WHITE	318.1	353.1
	BLACK	381.1	533.8
1979-82	UK (BIRMINGHAM)	235.1	267.3
1979-82	UK (OXFORD)	245.3	256.2
1977-81	FINLAND	256.2	282.2
1977-81	COLUMBIA (CALI)	209.9	219.1
1978-81	JAPAN (MIYAGI)	215.1	265.7
1978-82	SINGAPORE (INDIAN)	153.7	165.1
1989	INDIA		
	BOMBAY	130.4	201.4
	DELHI	118.8	201.6
	MADRAS	118.5	216.5
	BANGALORE	112.2	181.0
	BHOPAL	106.2	188.8
	BARSHI	57.6	108.8

FEMALES

YEAR STUDIED	REGISTRY	AAR*	TR*
1977-81	COLUMBIA (CALI)	220.8	313.7
1978-82	USA (CONNECTICUT) WHITE	263.0	403.4
	BLACK	240.4	402.2
1979-82	UK (BIRMINGHAM)	188.8	299.2
1979-82	UK (OXFORD)	203.7	313.5
1977-81	FINLAND	175.4	259.0
1978-81	JAPAN (MIYAGI)	144.8	216.2
1978-82	SINGAPORE (INDIAN)	171.2	271.8
1989	INDIA		
	DELHI	140.7	315.5
	MADRAS	135.0	316.9
	BANGALORE	124.7	278.6
	BOMBAY	120.4	233.6
	BHOPAL	100.1	219.7
	BARSHI	52.2	120.4

* World Population

Source : Cancer Incidence In Five Continents, Vol. V, 1987. NCRP Data, 1989.

Truncated Incidence Rate

The truncated incidence rate (TR : 35-64 years) is most useful for comparison of registries data. Most of the cancer cases (more than 60%) in the Indian registries are in these age groups and majority of the affected patients in these age groups usually come to hospital for treatment thus providing reliable information for registration purposes. Perhaps it also reduces the problems of unknown ages in older ages and of under registration.

TABLE 2.62 : TRUNCATED (35-64 YEARS) (WORLD POPULATION)
INCIDENCE RATES, PER 100,000 PERSONS, 1989

M A L E S

SITE (ICD.9)	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
Lip, Oral Cavity & Pharynx (140-149)	37.1	51.7	47.5	37.7	78.5	25.8
Tongue (141)	10.2	11.8	12.0	14.3	30.1	4.3
Mouth (143-145)	5.6	12.1	15.3	7.9	17.6	4.1
Oropharynx (146)	3.3	6.0	3.5	6.5	9.4	0.0
Hypopharynx (148)	11.3	16.4	12.7	4.6	15.6	11.4
Gastro-intestinal (150-159)	54.8	50.2	71.8	38.9	47.2	37.4
Oesophagus (150)	14.3	17.3	19.6	10.7	13.4	10.4
Stomach (151)	16.3	9.5	32.6	6.2	8.5	3.9
Colon (153)	4.8	3.6	3.9	4.1	2.4	1.9
Rectum (154)	6.6	5.9	6.2	5.4	7.1	8.4
Liver (155)	7.2	5.0	9.2	4.2	5.2	8.5
Gall Bladder (156)	0.8	3.0	1.1	3.4	4.6	0.0
Pancreas (157)	1.8	3.4	3.4	3.4	6.0	0.0
Respiratory (160-165)	22.9	42.7	34.4	45.1	32.9	8.0
Larynx (161)	8.3	15.6	8.9	19.7	5.3	4.1
Trachea, Bronchus and Lung (162)	13.2	24.7	23.2	23.3	24.5	3.9
Genital Tract (185-187)	8.9	8.3	10.7	9.0	8.9	18.4
Prostate (185)	3.6	4.8	3.1	4.3	8.9	6.1
Penis (186)	1.1	1.3	2.1	1.0	0.0	0.0
Penis Etc. (187)	4.2	2.2	5.5	3.7	0.0	12.3
ALL SITES (140-208)	181.0	201.4	216.5	201.6	188.8	108.8

F E M A L E S

SITE (ICD.9)	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
Lip, Oral Cavity & Pharynx (140-149)	30.2	17.1	31.6	13.2	29.3	2.0
Tongue (141)	0.9	3.6	4.1	3.1	4.5	0.0
Mouth (143-145)	24.2	7.8	16.7	6.0	19.1	2.0
Gastro-intestinal (150-159)	47.0	43.1	44.2	43.6	28.9	9.6
Oesophagus (150)	20.8	15.8	16.1	10.0	11.1	2.0
Stomach (151)	8.4	6.1	17.4	5.0	3.0	4.1
Colon (153)	4.8	3.7	2.0	4.0	5.1	1.5
Rectum (154)	4.8	5.0	4.3	4.0	0.0	0.0
Liver (155)	2.7	2.4	1.5	2.1	1.3	0.0
Gall Bladder (156)	1.5	4.8	0.8	14.7	7.4	0.0
Pancreas (157)	2.3	3.1	1.7	2.0	1.0	2.0
Respiratory (160-165)	7.8	9.1	6.7	9.5	9.1	0.0
Larynx (161)	1.6	1.8	0.5	4.0	0.0	0.0
Trachea, Bronchus And Lung (162)	4.1	5.3	4.5	4.5	6.3	0.0
Breast (174)	54.8	56.1	61.8	70.0	53.6	19.4
Genital Tract (179-184)	86.2	70.0	137.3	110.2	80.9	71.7
Uterine Cervix (180)	65.9	47.7	113.1	76.9	56.8	66.7
Body Uterus (182)	5.0	4.9	3.7	5.6	9.4	0.0
Ovary (183)	11.4	15.1	14.9	21.1	13.2	3.0
ALL SITES (140-208)	278.6	233.6	316.9	315.5	219.7	120.4

Truncated incidence rates, for males and females, are compared in Table 2.61 for Indian registries as well as for selected countries, taken from the Cancer Incidence in Five Continents, Vol V. Truncated rates show that there is some variation in the cancer incidence rates in males and females in these age groups in the Indian registries. This suggests a possibility of differential under registration in the six registries to account for differences in the truncated rates.

Truncated rates in males, were higher in Madras (216.5) than other centres : Bangalore (181.0), Bombay (201.4), Delhi (201.6) and Bhopal (188.8). In females, truncated rates were higher in Madras (316.9) & Delhi (315.5) in comparison to other registers : Bangalore (278.6), Bombay (233.6), and Bhopal (219.7). Thus female truncated rates were higher than males in all the urban registry centres.

Truncated incidence rates for gastrointestinal cancers, in women, are higher than lip, oral cavity & pharynx cancers in all the registry centres (Table 2.62). However, in men, TR for gastrointestinal cancers are higher only in Bangalore, Madras and Delhi centres (Table 2.62).

Thus most commonly encountered cancers are those related to tobacco usage in males (oral cavity & pharynx, lung and oesophagus), while among females, the commonest cancers are of uterine cervix, breast and oral cavity & pharynx, in all the PBCRs.

2.7 CUMULATIVE INCIDENCE RATE

Age specific cancer incidence rates (ASRs) are now available in different areas where population-based registries were established. The ASRs have thus made possible to compute life-time cumulative cancer incidence rates in India.

The cumulative incidence rate is simply a summary measure of the experience of a population over a longer time span or age-interval. It is obtained by summing up the annual age- specific incidences for each year in the defined age interval.

The cumulative incidence rate between birth to age 64 (0-64) years of age is, five times the sum of the age-specific incidence rates calculated over five year age groups; since age- specific incidence rates are usually computed for 5-year age intervals. The cumulative incidence is more conveniently expressed per hundred (per cent) than per hundred thousand. The cumulative incidence is a directly standardised incidence rate and a good approximation to the actuarial or cumulative risk (Day, 1976).

TABLE 2.7 CUMULATIVE RISK (%) (0-64 YEARS)

REGISTRY	YEAR STUDIED	CUMULATIVE RISK (%)		ONE IN HOW MANY PEOPLE WILL GET CANCER IN THEIR LIFE TIME	
		MALE	FEMALE	MALE	FEMALE
BANGALORE	1989	6.41	9.08	16	11
BOMBAY	1989	7.08	7.79	14	13
MADRAS	1989	7.48	10.10	13	10
DELHI	1989	7.25	10.51	14	10
BHOPAL	1989	6.65	7.43	15	13
BARSHI	1989	4.00	4.15	25	24
U.S.A (Connecticut)*	1978-82	15.21	16.49	7	6
U. K. (Oxford)*	1979-82	13.15	14.10	8	7

* Source : Cancer Incidence in Five Continents. Vol. V, 1987. NCRP Data, 1989.

One reason for interest in the cumulative incidence rate is that it has a useful probabilistic interpretation. Another advantage is that as a form of direct age-standardisation, the arbitrariness in choosing a standard population is removed, and the computations of cumulative incidence rates are easier.

The age cumulative incidence rates (0-64 years) are calculated for all sites (ICD.9 : 140-208) and also for selected sites. Table 2.7 presents the age cumulative incidence rates, for all sites. On an average one out of 10 to 16 people in metropolitan cities of India get cancer in their life time (0-64 years). No essential difference in life time

cancer incidence rate was observed in each registry. While in Barshi (rural), on an average one out of 24 to 25 persons get cancer in their life time. While in Connecticut (USA) and in United kingdom (Oxford), on an average one out of 6 to 8 persons get cancer (0-64 years).

2.8 MOST COMMON FORMS OF CANCERS

The most common forms of cancers observed in men and women in Bangalore, Bombay, Madras, Delhi, Bhopal and Barshi areas are presented in Table 2.8.

TABLE 2.8 : MOST COMMON FORMS OF CANCERS (1989) - MALES

RANK	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
1.	Stomach (9.5)*	Trachea, Bronchus & Lung (14.6)	Stomach (16.5)	Trachea, Bronchus & Lung (11.9)*	Trachea, Bronchus & Lung (14.1)	Oesophagus (6.7)
2.	Oesophagus (9.4)	Oesophagus (11.5)	Trachea, Bronchus & Lung (13.5)	Larynx (8.6)	Tongue (13.2)	Penis (5.1)
3.	Trachea, Bronchus & Lung (8.6)	Larynx (8.8)	Oesophagus (10.2)	Tongue (7.7)	Mouth (10.4)	Rectum (4.7)
4.	Prostate (7.1)	Hypopharynx (8.2)	Mouth (7.3)	Oesophagus (6.4)	Hypopharynx (8.4)	Hypopharynx (3.5)
5.	Hypopharynx (5.9)	Stomach (7.0)	Hypopharynx (6.5)	Prostate (6.3)	Oesophagus (7.7)	Mouth (3.4)
6.	Tongue (4.7)	Prostate (6.9)	Larynx (5.5)	Uri. Bladder (5.6)	Prostate (5.6)	Skin, other (2.7)
7.	Rectum (4.3)	Tongue (6.5)	Tongue (5.3)	Lymphoma (5.1)	Rectum (5.5)	Liver (2.6)
8.	Larynx (4.1)	Mouth (5.8)	Rectum (4.5)	Brain (3.4)	Stomach (3.7)	Stomach (3.4)

FEMALES

RANK	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
1.	Cervix Uteri (26.4)*	Breast (26.1)	Cervix Uteri (43.5)	Cervix Uteri (30.1)*	Cervix Uteri (24.3)	Cervix Uteri (26.2)
2.	Breast (22.3)	Cervix Uteri (19.4)	Breast (24.6)	Breast (28.3)	Breast (21.9)	Breast (6.8)
3.	Mouth (11.1)	Oesophagus (8.2)	Mouth (8.2)	Ovary (8.7)	Mouth (6.8)	Bone (2.4)
4.	Oesophagus (10.2)	Ovary (7.0)	Oesophagus (7.7)	Gall Bladder (6.6)	Ovary (6.2)	Skin, other (2.3)
5.	Ovary (4.7)	Mouth (3.9)	Stomach (7.1)	Oesophagus (4.6)	Oesophagus (5.2)	Rectum (1.7)
6.	Stomach (4.3)	Trachea, Bronchus & Lung (3.7)	Ovary (6.0)	Brain (2.6)	Body Uterus (4.2)	Oesophagus (1.4)
7.	Thyroid Gland (3.2)	Stomach (3.4)	Hypopharynx (2.7)	Body Uterus (2.5)	Trachea, Bronchus & Lung (3.2)	Lymphoma (1.4)
8.	Colon (2.3)	Rectum (2.6)	Rectum (2.6)	Stomach (2.4)	Colon (2.1)	
				Lymphoma (2.4)	Thyroid Gland (2.1)	

* Age-adjusted (world population) cancer incidence rate, per 100,000 persons.

2.9 SOME OBSERVATIONS ON SELECTED CANCER SITES

2.9.1 Lip, Oral Cavity and Pharynx (ICD.9 : 140-149)

Malignant tumours of the lip, oral cavity and pharynx are the most common site group of cancers in the Indian registries i.e., Bangalore, Bombay, Madras, Delhi, Bhopal and Barshi (Table 2.9.1).

The total incidence of the lip, oral cavity and pharynx cancers disguise very large differences in the individual sites in the Indian registries. The tongue (mainly base tongue), mouth, oropharynx and hypopharynx are the predominant sites in this group.

There is also a marked variation in the incidence of lip, oral cavity and pharynx cancer in different countries. Indian registries display much higher age adjusted and truncated rates than those reported by other registries in Cancer Incidence in Five Continents (Vol. V, 1987). Although this grouping includes cancers of quite distinct etiology (e.g. cancers of the oral cavity, nasopharynx and hypopharynx). The global picture is dominated by the incidence of oral cancer in Southern Asia and of oral cavity plus nasopharynx cancer in South-Eastern Asia.

Oral cancer is one of the 10 most common cancers in the world. In India, Bangladesh, Pakistan and Srilanka, it is the most common and accounts for about a third of all cancers. More than 100,000 new cases occur every year in south and South-East Asia, with poor prospect of survival (Bull. WHO, 1984).

TABLE 2.9.1 : LIP, ORAL CAVITY AND PHARYNX (ICD 9:140-149) MALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
140-149	Lip, Oral Cavity & Pharynx	17.5	26.8	23.6	19.4	38.8	10.8
140	Lip	0.4	0.3	0.6	0.5	0.2	0.0
141	Tongue	4.7	6.5	5.3	7.7	13.2	2.1
142	Salivary Glands	0.8	0.4	0.4	0.8	0.5	0.5
143-145	Mouth	3.0	5.8	7.3	3.7	10.4	3.4
146	Oropharynx	1.9	3.2	1.9	3.2	3.8	0.0
147	Nasopharynx	0.6	0.6	0.6	0.6	0.0	0.0
148	Hypopharynx	5.9	8.2	6.5	2.3	8.4	3.5
149	Pharynx Etc.	0.2	1.8	1.0	0.6	2.3	1.3

FEMALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
140-149	Lip, Oral Cavity & Pharynx	14.9	9.5	14.7	6.4	10.4	1.1
140	Lip	0.1	0.2	0.3	0.3	0.0	0.0
141	Tongue	1.0	1.9	2.1	1.3	1.4	0.0
142	Salivary Glands	0.5	0.3	0.2	0.5	0.0	0.0
143-145	Mouth	11.1	3.9	8.2	2.5	6.8	0.6
146	Oropharynx	0.5	0.6	0.4	1.0	0.5	0.0
147	Nasopharynx	0.4	0.2	0.3	0.2	0.5	0.0
148	Hypopharynx	1.2	1.5	2.7	0.6	0.8	0.5
149	Pharynx Etc.	0.1	0.9	0.5	0.0	0.4	0.0

* Age-adjusted (world population) cancer incidence rate, per 100,000 persons.

Relative risk of oral cancer in people with various tobacco habits, as well as the frequency of those habits, based on retrospective case control studies in India and Srilanka are noteworthy. There is a wide variation in frequencies and risks in different regions, but certain conclusions stand out. Approximately, 90% of oral cancers in south and south-east Asia can be attributed to tobacco chewing and smoking habits (Bull. WHO, 1984).

Case-control studies conducted in different parts of India have demonstrated that cancers of the oral cavity and pharynx are associated to a wide variety of tobacco chewing (pan chewing and betel nut with tobacco, lime and other ingredients) and smoking habits prevalent among men and women. These associations are statistically significant. Although it is difficult to obtain precise estimates of the risk for oral cancer associated with specific substance, it is clear that almost all of the risk is due to smoking of tobacco and the chewing of quids of various kinds. Notani et al. (1989) estimated the attributable risks associated with these habits as 61% for oral cancer (81% for males, 36% for females) and 79% for cancers of the pharynx and larynx (90% for males, 30% for females).

The most obvious and efficacious measure of control for oral cancer in India would be the elimination of chewing and smoking habits. Intervention studies carried out in some parts of India show that leukoplakia, a possible precursor of oral cancer, does regress rapidly after cessation of betel chewing (Mehta et al., 1982). Education programmes which reduced the prevalence of chewing and smoking tobacco also seem to have had an effect in reducing rates of leukoplakia (Gupta et al., 1990).

TABLE 2.9.1b : COMPARISON OF LIFE TIME CUMULATIVE CANCER INCIDENCE RATES (0-64 YEARS), 1989.
LIP, ORAL CAVITY AND PHARYNX (ICD-9 : 140-149)

REGISTRY	CUMULATIVE RISK (%)		ONE IN HOW MANY PEOPLE WILL GET CANCER IN THEIR LIFE TIME	
	MALE	FEMALES	MALE	FEMALE
BANGALORE	1.2	0.8	83	125
BOMBAY	1.8	0.6	56	167
MADRAS	1.6	1.1	62	91
DELHI	1.3	0.5	77	200
BHOPAL	2.8	1.0	36	100
BARSHI	0.9	0.1	111	1000

2.9.2 DIGESTIVE ORGANS AND PERITONEUM (ICD9 :150-159)

In the digestive system, the oesophagus and stomach are the most frequently affected sites in the Indian registries (Table 2.9.2).

TABLE 2.9.2 : DIGESTIVE ORGANS AND PERITONEUM (ICD 9:150-159) - 1989.

(a) MALES*							
ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
150-159	Digestive Organs & Peritoneum	33.0	35.5	37.0	22.3	25.4	18.6
150	Oesophagus	9.4	11.5	10.2	6.4	7.7	6.7
151	Stomach	9.5	7.0	16.5	3.4	3.7	1.2
152	Small Intestine	0.0	0.5	0.1	0.2	0.0	0.0
153	Colon	2.7	4.0	2.0	2.0	1.4	2.0
154	Rectum	4.3	3.9	4.5	3.0	5.5	4.0
155	Liver	3.2	3.5	1.9	2.2	2.1	2.6
156	Gall Baldder	0.5	1.6	0.3	1.9	2.6	0.0
157	Pancreas	1.7	2.5	1.4	2.3	2.4	0.0
158	Retroperitoneum	0.9	0.3	0.1	0.3	0.0	2.1
159	Other	0.8	0.7	0.0	0.6	0.0	0.0

* Age-adjusted (World Population) Incidence Rate, Per 100,000 Persons.

(b) FEMALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
150-159	Digestive Organs & Peritoneum	22.8	23.9	20.2	20.6	15.5	5.5
150	Oesophagus	10.2	8.2	7.7	4.6	5.2	1.4
151	Stomach	4.3	3.4	7.1	2.4	1.1	1.3
152	Small Intestine	0.0	0.3	0.0	0.2	0.0	0.0
153	Colon	2.3	2.4	0.8	2.0	2.1	0.5
154	Rectum	2.2	2.6	2.6	1.8	0.0	1.7
155	Liver	1.0	1.8	0.6	1.1	1.1	0.0
156	Gall Bladder	0.8	2.3	0.6	6.6	5.2	0.0
157	Pancreas	1.0	1.8	0.7	1.3	0.8	0.6
158	Retroperitoneum	0.5	0.6	0.1	0.3	0.0	0.0
159	Other	0.5	0.5	0.0	0.3	0.0	0.0

* Age-adjusted (world Population) Incidence Rate, Per 100,000 Persons.

2.9.2.1 Cancer of the Oesophagus (ICD.9 : 150)

Oesophageal cancer is characterised by an extreme diversity of rates throughout the world. There are usually more cases among males than females (Table 2.9.2.1).

It is interesting to observe that the cancer of the oesophagus in India mainly occur in the persons who are 30 years and above and age-specific incidence rates vary between 1 and 75 per 100,000. In 1989, age-adjusted incidence rates of cancer of the oesophagus in males are Bangalore (9.4), Bombay (11.5), Madras (10.2), Delhi (6.4), Bhopal (7.7) and Barshi (6.7). While in females, the rates are lower than males, except Bangalore (10.2); in other centres rates are Bombay (8.2), Madras (7.7), Delhi (4.6), Bhopal (5.2) and Barshi (1.4).

One of the prominent epidemiologic characteristics of the oesophageal cancer is the great variability in sex ratios reported in different geographical regions of the world. The typical pattern of male preponderance has been noted by several registries. The sex ratios in urban areas in India vary between (M/F = 0.9 : 1) and (M/F = 1.5 : 1). In Barshi rural population the sex ratio is (M/F = 5.6 : 1).

TABLE 2.9.2.1 : INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) AND TRUNCATED TR (35-64 YEARS) INCIDENCE RATE PER 100,000 PERSONS.
OESOPHAGUS CANCER (ICD.9 : 150)
(a) MALES

YEAR STUDIED	REGISTRY	AAR*	TR*
1978-82	CHINA (SHANGHAI)	20.8	21.0
1978-82	SINGAPORE (CHINESE)	13.5	13.9
1978-81	JAPAN (MIYAGI)	13.3	14.5
1978-82	USA (CONNECTICUT) WHITE BLACK	5.1	6.2
		24.0	47.8
1979-82	UK (OXFORD)	3.6	2.8
1977-81	FINLAND	3.7	3.4
1989	INDIA		
	BOMBAY	11.5	17.3
	MADRAS	10.2	19.6
	BANGALORE	9.4	14.3
	BHOPAL	7.7	13.4
	DELHI	6.4	10.7
	BARSHI	6.7	10.4

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YEAR STUDIED	REGISTRY	AAR*	TR*
1978-82	CHINA (SHANGHAI)	8.9	9.7
1978-82	SINGAPORE (CHINESE)	3.5	4.1
1978-81	JAPAN (MIYAGI)	3.1	2.5
1977-81	FINLAND	2.4	1.8
1979-82	UK (OXFORD)	2.9	3.6
1978-82	USA (CONNECTICUT) WHITE	1.5	1.9
	BLACK	6.0	11.8
1989	INDIA		
	BANGALORE	10.2	20.8
	BOMBAY	8.2	15.8
	MADRAS	7.7	16.1
	BHOPAL	5.2	11.1
	DELHI	4.6	10.0
	BARSHI	1.4	2.0

* World Population

Source : Cancer Incidence In Five Continents, Vol. V, 1987. NCRP Data, 1989

In Bombay, where oesophageal cancer is almost as common as in men as in women, drinking of the local alcoholic brews and smoking of bidis & cigarettes are associated with particularly high risks in men, but chewing of tobacco quids, smoking and drinking explain only a small fraction of the incidence in women (Jussawalla & Deshpande, 1971). Notani et al. (1989) estimated that 34% of oesophageal cancer in India is related to tobacco use, although the percentages for males (50%) and females (13%) are very different.

2.9.2.2. Cancer of the Stomach (ICD.9 : 151)

In 1980, stomach cancer was estimated to be the single most common form of cancer in the world, accounting for some 670 000 new cases per year (10.5% of all cancers) (Parkin et al., 1988). It is probably now the second most common cancer, after lung cancer. The highest incidence rates occur in Japan (Males - 79.6; Females - 36.0 per 100,000) and lowest rates in Kuwait (Males - 3.7, Females - 1.6) (Table 2.9.2.2).

Age-adjusted incidence rates of stomach cancer in India are low. In 1989, the rates in men in Madras (16.5) is more than Bangalore (9.5), Bombay (7.0), Bhopal (3.7), Delhi (3.4) and Barshi (1.2). Thus stomach cancer, in men, in Madras is frequent where the incidence is almost 1.5 times than Bangalore, double that in Bombay and over three times as frequent as in Delhi and Bhopal. The female incidence rates are lower than males : Madras (7.1), Bangalore (4.3), Bombay (3.4), Delhi (2.4), Bhopal (1.1) and Barshi (1.3).

The incidence and mortality rates in males are approximately double those for females in both high-risk and low-risk countries.

The most remarkable feature of the epidemiology of gastric cancer is the universal decline in its incidence and mortality. The decline is about 2-4% per year, but there is a lot of variation between different countries. Rates are falling more rapidly for females than for males.

Christopher et al (1986) have indicated that, between 1950 and 1979, the Scandinavian countries, Switzerland and the USA exhibited the greatest percent decrease (65% - 73%) in their gastric cancer mortality rates. Western European countries showed the next greatest percent decrease (59% - 62%), followed by Australia (56%). The countries that demonstrated the smallest percent change in gastric cancer mortality over the 29-year period were Japan and Italy (44%), and Northern Ireland (41%). The authors conclude that the major etiologic influences in gastric cancer are environmental rather than genetic.

Data from cancer registries indicate that the temporal changes in the incidence of gastric cancer in Norway (Munoz & Asvall, 1971) and Japan (Hanai et al., 1982) are due largely to the disappearance of the 'intestinal' type

of gastric cancer as opposed to the 'diffuse' type.

Case-control and cohort studies in a wide variety of populations have shown increased risk associated with more frequent use of starchy foods (such as corn, wheat, rice, potatoes, and beans), smoked, salted and fried foods, and a decreased risk associated with the more frequent intake of green leafy vegetables, citrus fruits and dairy products (Hirayama, 1980).

TABLE 2.9.2.2 : INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) AND TRUNCATED (TR) (35-64 YEARS) INCIDENCE RATE PER 100,000. STOMACH CANCER (ICD-9 : 151)

M A L E S

YEAR STUDIED	REGISTRY	AAR*	TR*
1978-81	JAPAN (MIYAGI)	79.6	111.8
1977-81	FINLAND	24.6	25.7
1979-82	UK (OXFORD)	20.2	22.5
1978-82	USA (CONNECTICUT) WHITE	10.8	11.5
	BLACK	19.4	22.0
1979-82	KUWAIT : KUWAITIS	3.7	4.1
1989	INDIA		
	MADRAS	16.5	32.6
	BANGALORE	9.5	16.3
	BOMBAY	7.0	9.5
	BHOPAL	3.7	8.5
	DELHI	3.4	6.2
	BARSHI	1.2	3.9

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YEAR STUDIED	REGISTRY	AAR*	TR*
1978-81	JAPAN (MIYAGI)	36.0	50.5
1977-81	FINLAND	12.9	13.7
1979-82	UK (OXFORD)	7.8	6.8
1978-82	USA (CONNECTICUT) WHITE	4.3	4.5
	BLACK	9.1	11.3
1979-82	KUWAIT : KUWAITIS	1.6	2.0
1989	INDIA		
	MADRAS	7.1	17.4
	BANGALORE	4.3	8.4
	BOMBAY	3.4	6.1
	DELHI	2.4	5.0
	BHOPAL	1.1	3.0
	BARSHI	1.3	4.1

* World Population

Source : Cancer Incidence In Five Continents, Vol. V, 1987. NCRP Data, 1989

2.9.3 RESPIRATORY AND INTRATHORACIC ORGANS (ICD 9 : 160-165)

In the respiratory and intrathoracic organs, cancers of the larynx and trachea, bronchus and lung are the most affected sites (Table 2.9.3).

TABLE 2.9.3a : RESPIRATORY AND INTRATHORACIC ORGANS (ICD 9:160-165) - 1989.
MALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
160-165	Respiratory & Intrathoracic	13.7	25.1	17.6	21.3	19.0	3.3
160	Nasal Etc.	0.3	1.4	0.6	0.5	1.6	0.0
161	Larynx	4.1	8.8	5.5	8.6	2.9	1.3
162	Trachea, Bronchus & Lung	8.6	14.6	11.1	11.9	14.1	2.0
163	Pleura	0.6	0.2	0.2	0.2	0.4	0.0
164	Thymus etc.	0.1	0.1	0.2	0.1	0.0	0.0
165	Other	0.0	0.0	0.0	0.0	0.0	0.0

FEMALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
160-165	Respiratory & Intrathoracic	3.3	6.3	2.8	4.6	4.6	0.0
160	Nasal etc.	0.4	1.0	0.8	0.4	0.4	0.0
161	Larynx	0.7	1.3	0.3	1.8	0.5	0.0
162	Trachea, Bronchus & Lung	1.6	3.7	1.7	2.2	3.2	0.0
163	Pleura	0.5	0.2	0.0	0.2	0.5	0.0
164	Thymus etc.	0.1	0.1	0.0	0.0	0.0	0.0
165	Other	0.0	0.0	0.0	0.0	0.0	0.0

* Age-adjusted (World Population) Incidence Rate, Per 100,000 Persons

2.9.3.1 Cancer of the Larynx (ICD.9 : 161)

The age-adjusted incidence rate of laryngeal cancer in Indian material is high in men than women. Among men, the highest incidence rates are in Bombay (8.8 per 100,000) and Delhi (8.6 per 100,000), during the period 1989.

TABLE 2.9.3.1 : INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) AND TRUNCATED (TR) (35-64 YEARS) INCIDENCE RATE PER 100,000.
LARYNX CANCER (ICD-9 : 161)
(a) MALES

YEAR STUDIED	REGISTRY	AAR*	TR*
1978	BRAZIL (SAO PAULO)	17.8	27.6
1978-82	USA (CONNECTICUT) BLACK	12.6	24.8
	WHITE	7.7	12.4
1977-81	FINLAND	4.5	7.1
1979-82	UK (OXFORD)	4.2	5.8
1978-82	SWEDEN	2.8	4.1
1989	INDIA		
	BOMBAY	8.8	15.6
	DELHI	8.6	19.7
	MADRAS	5.5	8.9
	BANGALORE	4.1	8.3
	BHOPAL	2.9	5.3
	BARSHI	1.3	4.1

(b) FEMALES

YEAR STUDIED	REGISTRY	AAR*	TR*
1978-82	USA (CONNECTICUT) BLACK	2.7	4.4
	WHITE	1.7	3.0
1978	BRAZIL (SAO PAULO)	1.3	2.8
1979-82	UK (OXFORD)	0.5	0.8
1977-81	FINLAND	0.3	0.7
1978-82	SWEDEN	0.3	0.7
1989	INDIA		
	DELHI	1.8	4.0
	BOMBAY	1.3	1.8
	BANGALORE	0.7	1.6
	BHOPAL	0.5	0.0
	MADRAS	0.3	0.5
	BARSHI	0.0	0.0

* World Population

Source : Cancer Incidence In Five Continents, Vol. V, 1987. NCRP Data, 1989

The rates in other centres are : Bangalore (4.1), Madras (5.5), Bhopal (2.9) and Barshi (1.3). While in females, laryngeal cancer age-adjusted incidence rates are very low in all the centres (vary between 0.0 and 1.8 per 100,000).

International comparisons are done in Table 2.9.3.1 for selected countries. The highest incidence rate of laryngeal cancer world wide have been reported from Sao Paulo (Brazil) in males (Males - 17.8 and Females- 1.3 per 100,000) and the lowest rate reported for European populatins in Sweden (Males - 2.8, Females - 0.3).

Jayant et al. (1977) estimated the proportion of cases of laryngeal cancer in Bombay that could be attributed to chewing tobacco quid and/or smoking. The attributable risk for these two exposures combined was 78%; 28% of the cases occurred in chewers who were nonsmokers, 38% in smokers who did not chew and 34% in cases who admitted to both habits. The smokers mostly smoked bidis and the chewers used pan with betel nut, tobacco and lime. Only 11% of the cases were nonchewers and nonsmokers compared to 46% of the controls.

2.9.3.2 Cancer of the Trachea, Bronchus & Lung (ICD.9 : 162)

Cancer of the lung is of epidemiological interest because of the wide spread geographical and racial variations observed and steadily increasing incidence and mortality noted in the West. This increase has so far been noticed particularly in men, but recently women have also begun to present a similar rising trend.

Age-adjusted and truncated incidence rates of lung cancer are much lower in India than the corresponding rates reported world wide by other countries in Cancer Incidence in Five Continents (Vol.V, 1987). Age-adjusted incidence is higher in the male population : Bombay (14.6), Bhopal (14.1), Delhi (11.9), Madras (11.1), and Bangalore (8.6). Lung cancer is in the first rank in Bombay, Delhi and Bhopal, but it is not in the first eight ranking sites in the Barshi. While in Indian women, incidence is low (ranges between 1.7 and 3.7 per 100,000).

The highest rates for cancer of the bronchus and trachea in people of European stock are 100.4 in males in western Scotland and 33.3 among white females in San Francisco (Bay Area); the lowest rates are found in Iceland in males (24.7) and in Doubs, France, in females (2.8), indicating a potential for prevention of 75% in males in western Scotland, and 92% in females in San Francisco (Tomatis et al., 1990). The overall incidence of the disease is much higher in the industrialised countries.

A large number of epidemiological studies in the West has shown that there is a progressive and absolute risk in its incidence which has occurred over the past few decades and that it is clearly linked to cigarette smoking and environmental pollution.

The association of cigarette smoking with lung cancer has now been universally accepted. The U.S. Surgeon General's Advisory Committee concluded that cigarette smoking is causally related to lung cancer in men and that its effect far outweighs all other probable etiological factors. The risk increases with the duration of smoking habit

and the number of cigarettes smoked daily. A heavy smoker (more than 50 cigarette per day) runs a 20 times higher risk of developing lung cancer, than a non- smoker. The increasing incidence of lung cancer in women in the West is clearly linked with the steep increase registered in cigarette smoking by women during the sixties.

Many specific occupations and occupational exposures have been associated with elevated risks for lung cancer, and in a number of cases the link has been clearly established to be causal. Clearly identified occupational lung carcinogens are asbestos, coal-tars and soots, arsenic and arsenic compounds, nickel compounds, mustard gas and radon. Increased risk for lung cancer have also been found to be causally associated with occupational exposure in aluminium production, in coal gasification and coal production, in iron and steel founding etc. (IARC, 1987).

TABLE 2.9.3.2 : INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) TRUNCATED (TR)(35-64 YEARS) INCIDENCE RATE PER 100,000. TRACHEA, BRONCHUS & LUNG (ICD.9 : 162) M A L E S

YEAR STUDIED	REGISTRY	AAR*	TR*
1979-82	UK (WEST SCOTLAND)	100.4	120.7
1977-81	FINLAND	74.2	93.2
1979-82	UK (OXFORD)	68.8	68.1
1978-82	USA (BAY AREA) WHITE	65.8	84.0
1978-82	USA (CONNECTICUT) WHITE	64.3	81.1
	BLACK	89.8	140.1
1977-81	COLUMBIA (CALI)	19.5	25.5
1989	INDIA		
	BOMBAY	14.6	24.7
	BHOPAL	14.1	24.5
	DELHI	11.9	23.3
	MADRAS	11.1	23.2
	BANGALORE	8.6	13.2
	BARSHI	2.0	3.9

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YEAR STUDIED	REGISTRY	AAR*	TR*
1978-82	USA (BAY AREA) WHITE	33.3	54.4
1979-82	UK (WEST SCOTLAND)	28.6	46.3
1978-82	USA (CONNECTICUT) WHITE	25.3	41.5
	BLACK	21.9	41.1
1979-82	UK (OXFORD)	19.5	25.6
1977-81	FINLAND	7.0	10.0
1972-76	COLUMBIA (CALI)	5.4	9.5
1989	INDIA		
	BOMBAY	3.7	5.3
	BHOPAL	3.2	6.3
	DELHI	2.2	4.5
	MADRAS	1.7	4.5
	BANGALORE	1.6	4.1
	BARSHI	0.0	0.0

* World Population

Source : Cancer Incidence In Five Continents, Vol. V, 1987.

2.9.4 BONE, CONNECTIVE TISSUE, SKIN AND BREAST (ICD9:170-175)

In this group, female breast cancer is the leading site of cancer in all the registry centres (Table 2.9.4).

TABLE 2.9.4a : BONE, CONNECTIVE TISSUE, SKIN AND BREAST (ICD 9:170-175) - 1989. M A L E S*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
170-175	Bone, Connective Tissue, Skin and Breast	4.2	4.2	5.1	5.0	2.1	3.7
170	Bone	1.3	0.8	0.9	1.2	0.6	0.0
171	Connective Tissue	0.6	1.5	1.0	1.5	0.8	1.0
172	Skin, Melanoma	0.1	0.3	0.3	0.2	0.0	0.0
173	Skin, Other	2.0	1.3	2.2	1.4	0.7	2.7
175	Breast	0.2	0.3	0.7	0.7	0.0	0.0

* Age-adjusted (World Population) Incidence Rate, Per 100,000 Persons.

TABLE 2.9.4b : BONE, CONNECTIVE TISSUE, SKIN AND BREAST (ICD 9:170-174) - 1989 F E M A L E S*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
170-175	Bone, Connective Tissue, Skin and Breast	25.2	29.2	26.8	33.0	24.2	12.1
170	Bone	0.9	0.7	0.6	1.2	1.1	2.4
171	Connective Tissue	0.3	0.9	0.7	1.7	0.5	0.6
172	Skin, Melanoma	0.1	0.3	0.2	0.2	0.0	0.0
173	Skin, Other	1.6	1.2	0.7	1.6	0.7	2.3
174	Breast	22.3	26.1	24.6	28.3	21.9	6.8

* Age-adjusted (World Population) Incidence Rate, Per 100,000 Persons

2.9.4.1 Cancer of the Female Breast (ICD.9 : 174)

Cancer of the female breast is one of the leading sites in Bangalore, Bombay, Madras, Delhi and Bhopal. The age specific incidence rates for breast cancer are not very different from one another in the urban registries. The ASRs in Barshi women are low than urban women (figure 2.9.4.1).

The breast is the second most frequent site of cancer in Bangalore, Madras, Delhi, Bhopal and Barshi and a leading site in Bombay women. A comparison with other registries shows that the age-adjusted and truncated rates are relatively low in India. The age-adjusted rates vary between 21.9 and 28.3 per 100,000 in urban registries while in Barshi the rates are one fourth of the urban areas. The age-adjusted rates for female breast cancer in Delhi (28.3) & Bombay (26.1) are higher compare to Bangalore (22.3), Madras (24.6), Bhopal (21.9) and Barshi (6.8), during the year 1989.

Increase in age-specific incidence rate until 50 years has been observed in all the countries (Cancer Incidence in Five Continents, Vol. V). Similar trend is also seen in the Indian registries.

The age-adjusted rate in Bombay for breast cancer has slightly increased over the last 20 years. However, no cohort effect has been observed in the breast cancer incidence rates (Jayant, 1986).

Breast cancer is the third most common cancer in the world, after cancers of the lung and stomach. There were an estimated 572 000 (9%) new cases in 1980 of the global cancer burden. This incidence is particularly striking because breast cancer occurs almost exclusively in women, among whom it ranks first, comprising 18.4% of all cancers. This percentage varies considerably around the world : in the high risk areas, such as North America and western Europe, breast cancer accounts for one in four female cancers, while in low-risk areas such as China and Japan, it accounts for only one in 8 to one in 16 (Parkin et al., 1988).

The highest recorded incidence rates are seen in Hawaiian women (93.9 per 100 000), and in US white women (70-90 per 100 000). Incidence rates are high (age-adjusted rates of 60-90 per 100 000) in most industrialised countries. In North America, the cumulative incidence of breast cancer in white women up to age 74 years is 7-9%, which suggest that if current patterns were maintained, one in every 11-14 women would develop breast cancer during her life. In India, the cumulative incidence of breast cancer up to age 64 years is 1-2%, thus one out of 43-58 women would develop breast cancer during her life.

The most clearly established risk factors for breast cancer are reproductive, including age at first birth, parity, age at menarche and age at menopause. Two studies provide attributable risk of 17% of breast cancer in relation to age 25 years and over at the time of first full-term pregnancy (MacMahon et al. 1970; Henderson et al., 1974).

Epidemiological studies conducted in high risk areas of USA and other western Europe has indicated familial history, early menarche, late first pregnancy, high fat diet and obesity as the high risk factors. Thus marked variations noted in the incidence of breast cancer in women in different countries are probably due to a variety of causes, including endocrine, dietary and environmental.

TABLE 2.9.4.1 : INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) AND TRUNCATED (TR) (35-64 YEARS) INCIDENCE RATE PER 100,000. FEMALE BREAST CANCER (ICD.9 : 174)

YEAR STUDIED	REGISTRY	AAR*	TR*
1978-82	USA (HAWAIIAN)	93.9	168.6
1978-82	USA (CONNECTICUT) WHITE	77.8	142.1
	BLACK	61.3	123.2
1979-82	UK (OXFORD)	61.3	120.1
1979-82	UK (BIRMINGHAM)	55.0	106.1
1977-81	FINLAND	44.7	85.6
1977-81	COLUMBIA (CALI)	34.8	61.4
1978-81	JAPAN (MIYAGI URBAN)	25.0	55.2
1989	INDIA		
	DELHI	28.3	70.0
	BOMBAY	26.1	56.1
	MADRAS	24.6	61.8
	BANGALORE	22.3	54.8
	BHOPAL	21.9	53.6
	BARSHI	6.8	19.4

* World Population

Source : Cancer Incidence In Five Continents, Vol. V, 1987 NCRP Data, 1989.

TABLE 2.9.4.2 : COMPARISON OF LIFE TIME CUMULATIVE CANCER INCIDENCE RATES (0-64 YEARS), 1989. FEMALE BREAST CANCER

YEAR STUDIED	REGISTRY	CUMULATIVE RISK (%)	ONE IN HOW MANY WOMEN WILL GET CANCER IN THEIR LIFE TIME
1989	BANGALORE	1.78	56
1989	BOMBAY	1.84	54
1989	MADRAS	1.97	51
1989	BHOPAL	1.71	58
1989	BARSHI	0.60	167
1979-82	OXFORD (UK)	4.60	22
1978-81	MIYAGI (JAPAN)	1.80	56
1978-82	CONNECTICUT (USA)	5.50	18

Source : Cancer Incidence In Five Continents, Volume V, 1987. NCRP Data, 1989.

2.9.5 GENITOURINARY ORGANS (ICD 9: 179-189)

This site group consist of cancers of female genital tract, male genital tract and urinary organs.

2.9.5a FEMALE GENITAL TRACT (ICD 9 : 179-184)

In this group, cancer of the uterine cervix is the leading site in all the registry centres (Table 2.9.5a), followed by cancer of the ovary.

TABLE 2.9.5a : AGE ADJUSTED INCIDENCE RATE* OF FEMALE GENITAL TRACT CANCERS (ICD.9:179-184) PER 100,000, 1989.

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
179	Uterus Uns.	0.6	1.5	0.4	1.2	0.5	0.0
180	Uterine Cervix	26.4	19.4	43.5	30.1	24.3	26.2
181	Placenta	0.0	0.1	0.2	0.2	0.3	0.0
182	Body Uterus	2.0	2.2	1.9	2.5	4.2	0.0
183	Ovary	4.7	7.0	6.0	8.7	6.2	0.9
184	Vagina	1.4	1.7	2.0	1.5	0.5	1.3
179-184	Genital Tract (F)	35.1	31.9	54.0	44.2	36.0	28.4

*World Population

2.9.5.1 Cancer of the Uterine Cervix (ICD.9 : 180)

Cancer of the uterine cervix is the commonest malignancy seen in Bangalore, Bombay, Madras, Delhi, Bhopal and Barshi and accounts for about one-third of the total female cancers recorded in Madras, about one-fifth in Bangalore, about one-sixth in Bombay, about one-fourth in Delhi & Bhopal and about one-half in Barshi. Madras incidence rates (43.5 per 100,000) are the highest than all other Indian registries : Delhi (30.1), Bangalore (26.4), Barshi (26.2), Bhopal (24.3) and Bombay (19.4).

The age-specific incidence rates in Madras are higher than the corresponding rates in other areas for every age group (figure 2.9.5.1). The cumulative incidence up to 64 years of age in India of uterine cervix cancer is 2-4%, while in white women in Connecticut and Oxford is only 0.5%-0.7%.

The age-adjusted and truncated incidence rates for the uterine cervix cancer are compared for selected countries as reported in the Cancer incidence in Five Continents (Vol.V). Madras rates (43.5 per 100,000) are next to Columbia (Cali) (48.2 per 100,000). Corresponding rates in Connecticut : White (6.8) and Black (14.7), Oxford (9.1) and Finland (5.5) are much lower than the Indian rates (Table 2.9.5.1).

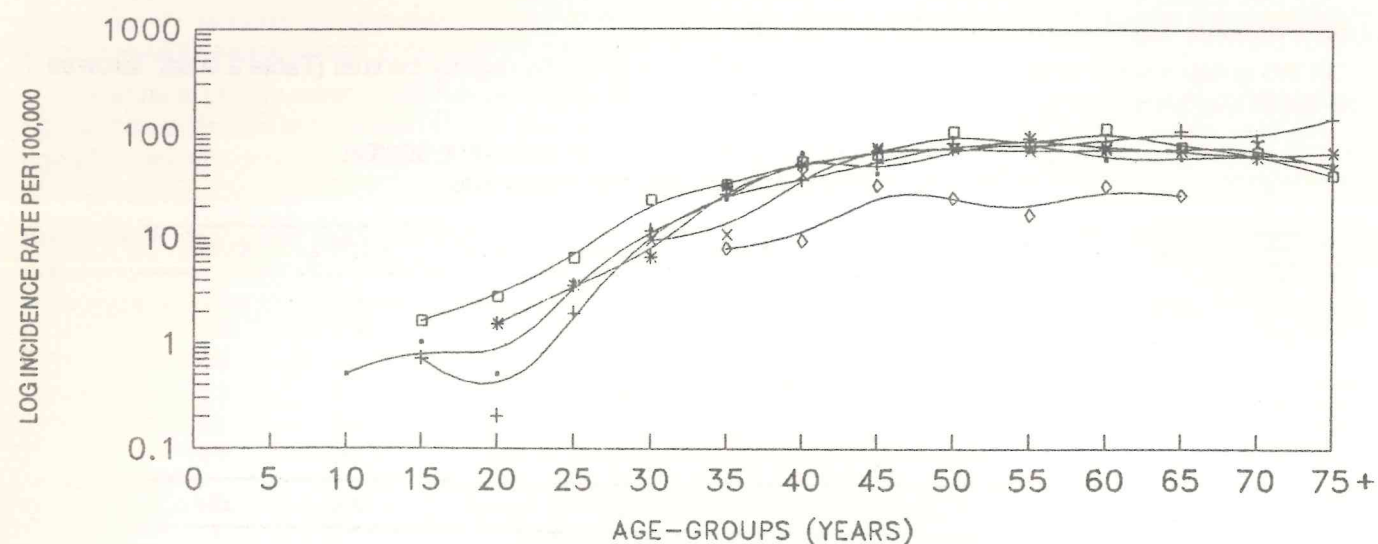
The age-adjusted rates of cervical cancer in Bombay has decreased over the last 20 years. Jayant (1986) indicates that the incidence of cervical cancer is lower in successively later born cohorts. Age at marriage is an important factor in the etiology of cancer, and it is plausible that the decrease in cervical cancer has resulted from the increase in age at marriage of women over the last 20 years in Bombay City.

Globally, cervical cancer is the second most common cancer among women. In 1980, there were an estimated 465 000 new cases, accounting for 15% of all cancers diagnosed in women. About 20% of these cases occur in the developed countries and 80% in developing countries (Parkin et al., 1988)

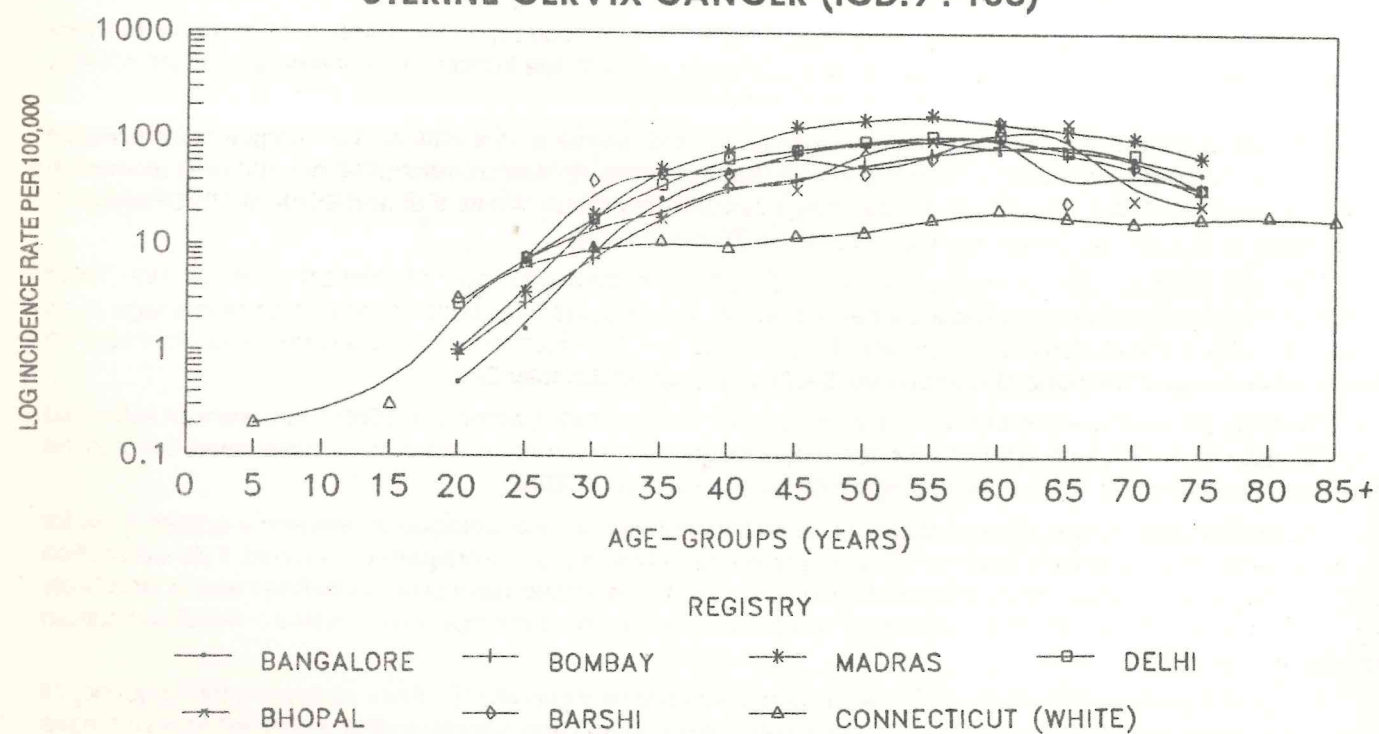
Epidemiological studies of cervical cancer have demonstrated a clear association between a women's risk for contracting the disease and the number of sexual partners she has, or her current partner, has had. This association strongly suggests that a sexually transmitted agent is involved. The viruses have been considered as the most likely agents. The viruses that most commonly infect the uterine cervix are herpes simplex virus-type 2 (HSV-2) and human papilloma virus (HPV).

Numerous case-control studies have been conducted in several geographic areas comparing the frequency of HSV-2 antibodies in women with cervical cancer and in control women and in most studies antibodies to HSV-2 have been found more frequently among cases than among controls. Armstrong et al. (1986) suggested an association

**FIG. 2.9.4.1 : AGE SPECIFIC INCIDENCE RATE IN 1989
FEMALE BREAST CANCER (ICD.9 : 174)**



**FIG. 2.9.5.1 : AGE SPECIFIC INCIDENCE RATE IN 1989
UTERINE CERVIX CANCER (ICD.9 : 180)**



SOURCE : NCRP DATA, 1989. CIF V, 1987

between HSV-2 infection and the current increase in the frequency of cervical intraepithelial neoplasia (CIN) among young women in Australia.

Many of the risk factors for cancer of the uterine cervix appear to be the inverse of those for cancer of the breast. The disease is more frequent in married than in single women (Ernster et al., 1979), particularly in those who first married at an early age, and increase in frequency with parity. The two major risk factors appear to be young age at first coitus and multiple sexual partners (Rotkin, 1973).

In a study in India, a women's risk of cervical cancer is considered to be related to her sexual behaviour. Her male partners sexual background is also an important factor. 137 husbands of cases (mild, moderate, severe dysplasia and CIS) and 174 control husbands were studied. 37.2% cases and 23.6% controls gave the history of premarital sexual contacts (odds ratio 1.9). Promiscuity was associated with the risk of developing dysplasia (odds ratio 6.8) (ICPO, 1990-91).

**TABLE 2.9.5.1 : INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) AND TRUNCATED (TR)
(35-64 YEARS) INCIDENCE RATE PER 100,000.
UTERINE CERVIX CANCER (ICD.9 : 180)**

YEAR STUDIED	REGISTRY	AAR *	TR *
1978-82	USA (CONNECTICUT) WHITE	6.8	12.7
	BLACK	14.7	27.7
1979-82	UK (OXFORD)	9.1	17.4
1979-82	UK (BIRMINGHAM)	12.3	24.8
1977-81	FINLAND	5.5	9.6
1977-81	COLUMBIA (CALI)	48.2	84.7
1989	INDIA		
	MADRAS	43.5	113.1
	DELHI	30.1	76.9
	BANGALORE	26.4	65.9
	BARSHI	26.2	66.7
	BHOPAL	24.3	56.8
	BOMBAY	19.4	47.7

* World Population

Source : Cancer Incidence In Five Continents, Vol. V, 1987. NCRP Data, 1989.

**TABLE 2.9.5.1a : COMPARISON OF LIFE TIME CUMULATIVE CANCER INCIDENCE RATES (0-64 YEARS), 1989.
UTERINE CERVIX CANCER**

YEAR STUDIED	REGISTRY	CUMULATIVE RISK (%)	ONE IN HOW MANY WOMEN WILL GET CANCER IN THEIR LIFE TIME
1989	BANGALORE	2.10	48
1989	BOMBAY	1.58	63
1989	MADRAS	3.61	28
1989	DELHI	2.52	40
1989	BHOPAL	1.97	51
1989	BARSHI	2.32	43
1978-82	CONNECTICUT (USA)	0.50	200
1979-82	OXFORD (UK)	0.70	143
1978-81	MIYAGI (JAPAN)	0.70	143

Source : Cancer Incidence In Five Continents, Volume V, 1987. NCRP Data, 1989.

2.9.5b MALE GENITAL TRACT (ICD 9 : 185-187)

Of all malignant neoplasms recorded in males, cancer of the male genital organs (prostate, testis, penis & other) accounts for only 5.8% and 13.3% of total cancer cases.

The age-adjusted incidence rate of male genital cancers (vary between 6.3 and 9.5 per 100,000) are considerably lower than the female genital cancers (vary between 28.4 and 54.0 per 100,000), in all the registry centres (Table 2.9.5b).

Prostate Cancer

Cancer of the prostate is predominantly a disease of the elderly male. The age-adjusted incidence rate is higher in Bangalore (7.1 per 100,000) than Bombay (6.9), Delhi (6.3), Bhopal (5.6), Madras (3.6) and Barshi (1.9), whereas in Connecticut (USA), its incidence has been reported to be as high as 46.8 and 72.3 per 100,000 respectively in white and black males. This striking difference in incidence is attributed in a large measure to the high proportion of older men who are relatively more prone to develop prostatic cancer.

Testis Cancer

The age-adjusted incidence rate of testicular cancer is very low in the Indian material. The incidence vary between 0.1 and 1.1 per 100,000. No specific geographical or racial variations in incidence have so far been reported. The highest incidence rate has been reported from Denmark (7.8 per 100,000) and in Maori's (New Zealand) (7.9 per 100,000).

Penile Cancer

In Indian registries, carcinoma of the penis accounts for about 1% to 2% in Bangalore, Bombay, Madras & Delhi, and in Bhopal 1%, of all male cancers. In Barshi, it accounts for 9% of all male cancers. The age-adjusted incidence rate vary between 0.6 and 5.1 per 100,000 in Bangalore (1.8), Bombay (1.6), Madras (2.8), Delhi (1.7), Bhopal (0.6) and Barshi (5.1) centres. In Barshi, penile cancer is at second rank. The highest incidence of penile cancer has been reported from Recife, Brazil (8.3 per 100,000).

TABLE 2.9.5b : AGE ADJUSTED INCIDENCE RATE* OF MALE GENITAL TRACT CANCERS (ICD.9:185-187) IN INDIAN REGISTRIES PER 100,000 (1989).

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
185	Prostate	7.1	6.9	3.6	6.3	5.6	1.9
186	Testis	0.6	0.9	1.1	0.7	0.1	0.8
187	Penis etc.	1.8	1.6	2.8	1.7	0.6	5.1
185-187	Genital Tract (M)	9.5	9.4	7.5	8.7	6.3	7.8

* World Population

2.9.5c URINARY ORGANS (ICD 9 : 188-189)

TABLE 2.9.5c : AGE ADJUSTED INCIDENCE RATE* OF CANCERS OF URINARY ORGANS (ICD.9:188-189) IN INDIAN REGISTRIES PER 100,000 (1989).

REGISTRY	MALE		FEMALE	
	URINARY BLADDER (188)@	KIDNEY (189)@	URINARY BLADDER (188)@	KIDNEY (189)@
BANGALORE	2.7	1.1	0.8	0.4
BOMBAY	4.2	1.4	1.3	0.8
MADRAS	0.9	0.3	1.1	0.7
DELHI	5.5	1.8	1.0	1.4
BHOPAL	0.6	0.7	0.0	0.0
BARSHI	0.8	0.4	0.0	0.0

* World Population @ ICD-9 Classification

Cancer of the urinary bladder is linked, etiologically, with exposure to industrial pollutants. In India the bladder cancer is moderately common in males than females. However, Delhi registry observes, in males, higher incidence (5.5 per 100,000) than Bombay (4.2) & Bangalore (2.2); in other places the incidence is less than one per 100,000 (Table 2.9.5c).

Cancer of the kidney is relatively an uncommon disease in India, accounting for only about 1% to 2% of all the malignancies in males and less than 1% of all cancers in females. The age-adjusted incidence rate vary between less than 1 and 2 per 100,000 population, in males and females (Table 2.9.5c).

2.9.6 OTHER AND UNSPECIFIED SITES (ICD 9 : 190-199)

This site group is most heterogeneous and the age adjusted incidence rate, in the six registries, vary between 6.6 and 19.6 per 100,000 males and 3.1 & 19.5 per 100,000 females.

TABLE 2.9.6 : OTHER AND UNSPECIFIED SITE (ICD 9:190-199) - 1989.
MALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
190-199	Other and Unspecified Sites	19.6	13.4	13.5	18.7	8.5	6.6
190	Eye	0.2	0.4	0.3	0.2	0.2	0.0
191	Brain	3.8	3.0	1.8	3.4	3.2	0.0
192	Other Ns	0.2	0.1	0.0	0.1	0.0	0.0
193	Thyroid Gland	0.9	0.7	0.9	0.8	0.3	0.5
194	Other Endo Gi	0.1	0.2	0.1	0.3	0.0	0.0
195	Ill Defined	1.1	0.3	0.9	1.8	0.0	0.7
196	Sec. Lymph Nodes	1.9	3.5	2.0	0.0	1.3	1.9
197	Sec. Resp & Digst	1.7	2.6	3.3	0.4	2.8	1.4
198	Sec. Other Sites	0.7	1.5	0.9	0.1	0.7	0.0
199	Uns. Sites	9.0	1.1	3.3	11.6	0.0	2.1

FEMALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
190-199	Other and Unspecified Sites	15.0	10.2	10.3	19.5	7.1	3.1
190	Eye	0.0	0.2	0.6	0.4	0.0	0.0
191	Brain	1.7	2.2	0.8	2.6	1.6	0.0
192	Other Ns	0.0	0.1	0.0	0.1	0.0	0.0
193	Thyroid Gland	3.2	2.0	1.1	2.2	2.1	0.0
194	Other Endo Gi	0.1	0.1	0.1	0.1	0.0	0.0
195	Ill Defined	0.7	0.5	0.4	1.5	0.0	1.3
196	Sec. Lymph Nodes	0.6	1.3	0.6	0.0	0.2	0.7
197	Sec. Resp & Digst	0.8	1.9	2.4	0.5	2.2	0.0
198	Sec. Other Sites	0.5	1.2	0.5	0.0	1.0	0.0
199	Uns. Sites	7.4	0.7	3.8	12.1	0.0	1.1

* Age-adjusted (World Population) Incidence Rate, Per 100,000 Persons.

2.9.7 LYMPHATIC AND HAEMATOPOIETIC TISSUE (ICD 9 : 200-209)

The age-adjusted incidence rate of this site group is higher in males than females. The AAR, in males, in different registries are as follows : Bangalore (10.8), Bombay (10.5), Madras (9.5), Delhi (15.7), Bhopal (4.7) and Barshi (5.6). While in females the rates are : Bangalore (7.0), Bombay (7.2), Madras (4.5), Delhi (10.1), Bhopal (2.3) and Barshi (2.0) (Table 2.9.7).

TABLE 2.9.7 : LYMPHATIC AND HAEMATOPOIETIC TISSUE (ICD 9:200-209) - 1989.
MALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
200-209	Lymphatic & Haematopoietic Tissue	10.8	10.5	9.5	15.7	4.7	5.6
200	Lymphosarcoma Etc.	0.4	1.3	0.6	0.0	0.0	0.7
201	Hodgkin's Sisease	2.4	1.2	1.7	1.6	1.5	1.0
202	Other Lymphoid Etc.	2.7	2.7	3.3	5.1	0.5	1.2
203	Multiple Myeloma	0.6	1.3	0.5	2.7	0.3	0.0
204	Leukaemia, Lymphoid	1.6	1.6	1.5	2.5	1.5	0.8
205	Leukaemia, Myeloid	2.3	1.9	1.4	2.5	0.7	1.9
206	Leukaemia, Monocytic	0.1	0.0	0.2	0.0	0.0	0.0
207	Leukaemia, Oth. Type	0.0	0.2	0.0	0.0	0.0	0.0
208	Leukaemia, Uns.	0.7	0.3	0.3	1.3	0.2	0.0

FEMALES*

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS	DELHI	BHOPAL	BARSHI
200-209	Lymphatic & Haematopoietic Tissue	7.0	7.2	4.5	10.1	2.3	2.0
200	Lymphosarcoma Etc.	0.2	0.9	0.3	0.0	0.0	0.6
201	Hodgkin's Sisease	0.7	0.7	0.7	1.0	0.2	0.0
202	Other Lymphoid Etc.	1.9	2.1	1.5	2.4	0.5	1.4
203	Multiple Myeloma	0.7	0.6	0.2	2.1	0.5	0.0
204	Leukaemia, Lymphoid	0.6	1.1	0.5	1.4	0.6	0.0
205	Leukaemia, Myeloid	2.0	1.3	0.9	2.0	0.5	0.0
206	Leukaemia, Monocytic	0.0	0.0	0.2	0.1	0.0	0.0
207	Leukaemia, Oth. Type	0.0	0.1	0.0	0.0	0.0	0.0
208	Leukaemia, Uns	0.9	0.4	0.2	1.1	0.0	0.0

* Age-adjusted (World Population) Incidence Rate, Per 100,000 Persons.

2.10 TRENDS OF CANCER WITH TIME

Epidemiology is an important tool which can be employed to investigate a disease through variations observed with passage of time, and its relationship to the environmental and other factors. Such a study can help to identify a number of carcinogenic agents present in the environment, both at the personal and general levels and can lead to the identification of suspect carcinogens what can lead to it being prevented from entering the environment through appropriate action. Such a study can also provide the necessary guide lines for determining the degree of risk for any group of people is exposed to, so that such high risk groups can then be kept under surveillance (MacMahon, 1970).

Trends in the risk of cancer with time in defined populations are of particular interest since they imply changes in exposure to environmental factors. Changes due to variation in genetic susceptibility in a population would be seen only if there were widespread migration of individuals in or out of region; changes that are the result of genetic variation between generations within a stable population would be relatively small and occur very slowly (Tomatis et al., 1990).

Age-adjusted cancer incidence rates provide a summary index that is dependent of age, so that temporal changes in age-adjusted incidence rates provide an overview of the magnitude of increase or decrease of cancer for the population as a whole. An attempt has been made in this section to study the trends in cancer incidence in Bangalore, Bombay and Madras over eight year period (i.e. 1982 through 1989).

The time trend analysis for cancer at all sites, various sites by sex is given in Tables 2.10.1 through 2.10.6 for Bangalore, Bombay and Madras registries. Time trend analysis did not reveal any significant increase or decrease in age-adjusted cancer incidence at various sites, at all sites by sex in Bangalore, Bombay and Madras.

TABLE 2.10 : COMPARISON OF INCIDENCE RATES - CRUDE (CR), AGE- ADJUSTED (AAR) & TRUNCATED (35-64 YEARS) (TR), PER 100,000 PERSONS, BETWEEN REGISTRIES.
ALL SITES (ICD.9 : 140-208). YEARS : 1982 - 1989.

REGISTRIES	YEAR	MALES				FEMALES			
		CASES	CR	AAR*	TR**	CASES	CR	AAR*	TR**
BANGALORE @	1982	969	60.1	100.2	178.2	1168	80.9	129.0	287.0
	1983	916	55.0	92.5	155.7	1086	72.7	116.2	262.2
	1984	932	54.1	90.6	161.7	1089	70.4	116.3	253.6
	1985	1029	57.8	98.7	164.8	1066	66.7	108.7	239.1
	1986	1056	57.4	97.0	170.5	1180	71.3	115.9	260.5
	1987	1193	62.7	110.7	177.4	1355	79.2	129.5	286.8
	1988	1287	65.5	114.6	186.2	1431	80.8	132.3	296.9
	1989	1334	65.6	112.2	181.0	1405	76.7	124.7	278.6
BOMBAY @	1982	3128	66.7	119.9	190.3	2526	69.4	111.2	216.9
	1983	3125	65.6	116.5	188.1	2496	67.1	106.3	211.4
	1984	3244	67.0	123.9	187.8	2715	71.3	113.8	229.0
	1985	3470	70.5	129.5	197.8	2954	75.9	122.9	246.8
	1986	3484	69.6	128.5	192.6	2975	74.8	120.9	238.8
	1987	3570	70.2	130.4	196.8	2996	73.6	118.8	234.2
	1988	3578	69.2	129.6	198.8	3097	74.5	122.7	236.5
	1989	3698	70.4	130.4	201.4	3123	73.4	120.4	233.6
MADRAS @	1982	998	57.8	81.6	153.1	1307	81.0	108.1	259.6
	1983	1098	62.6	88.7	177.1	1458	89.1	121.9	291.6
	1984	1104	62.0	87.6	170.9	1456	87.7	120.0	280.5
	1985	1131	62.6	92.2	164.2	1549	91.9	128.3	300.9
	1986	1234	67.3	101.3	184.1	1667	97.5	135.7	321.4
	1987	1311	70.4	104.4	195.5	1670	96.3	133.4	310.5
	1988	1586	83.9	125.2	229.9	1631	92.7	129.7	309.2
	1989	1509	78.7	118.5	216.5	1712	95.9	135.0	316.9
DELHI @	1988	2947	71.1	116.8	201.7	2907	85.0	133.5	295.0
	1989	3052	70.9	118.8	201.6	3153	88.6	140.7	315.5
BHOPAL @	1988	253	50.8	98.1	187.3	233	52.7	98.7	217.5
	1989	283	54.3	106.2	188.8	243	52.4	100.1	219.7
BARSHI \$	1988	87	42.9	55.4	88.3	85	42.9	52.2	119.1
	1989	90	44.1	57.6	108.8	89	44.5	52.2	120.4

* World Population

@ Urban

** (35-64 Years : World Population)

\$ Rural

TABLE 2.10.1 : TRENDS IN AGE-ADJUSTED (WORLD POPULATION) CANCER INCIDENCE RATES

BANGALORE*

SEX : MALES YEAR : 1982-1989

ICD9	SITE	YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
140	Lip	0.2	0.0	0.0	0.0	0.1	0.0	0.1	0.4
141	Tongue	4.5	4.0	3.0	2.6	2.8	4.5	2.9	4.7
142	Salivary Gland	0.4	0.4	0.0	0.3	0.4	0.5	0.7	0.8
143-145	Mouth	4.0	4.9	3.6	4.5	3.1	5.4	3.4	3.0
146	Oropharynx	2.2	2.0	2.3	1.3	1.9	1.9	2.5	1.9
147	Nasopharynx	0.9	0.4	0.7	0.7	0.4	0.3	0.2	0.6
148	Hypopharynx	4.9	6.0	6.6	6.0	5.2	7.5	7.3	5.9
149	Pharynx Uns	0.4	0.4	0.8	0.7	0.3	0.7	0.6	0.2
150	Oesophagus	8.4	6.3	8.2	7.3	7.6	11.1	9.9	9.4
151	Stomach	11.0	10.9	10.5	12.1	9.9	9.3	13.6	9.5
152	Small Intestine	0.0	0.2	0.0	0.1	0.4	0.0	0.2	0.0
153	Colon	2.0	2.0	2.4	2.6	2.4	2.1	2.6	2.7
154	Rectum	3.0	2.3	2.3	3.4	3.5	3.4	3.6	4.3
155	Liver	4.0	1.5	3.7	3.6	2.8	3.4	2.8	3.2
156	Gallbladder	0.0	0.3	0.2	0.3	0.7	0.7	0.4	0.5
157	Pancreas	0.7	1.2	0.7	0.7	0.8	1.4	2.3	1.7
158	Peritoneum	1.0	1.0	0.5	1.1	0.5	0.7	0.7	0.9
160	Nose Etc	0.2	0.2	0.5	0.8	0.6	0.9	0.6	0.3
161	Larynx	4.5	4.9	4.0	3.7	4.1	4.8	4.4	4.1
162	Lung	5.3	8.8	9.2	11.8	10.0	10.8	11.7	8.6
163	Pleura	0.7	0.4	0.2	0.5	0.5	0.3	0.5	0.6
164	Other Thoracic	0.4	0.2	0.2	0.2	0.1	0.2	0.1	0.1
170	Bone	1.0	1.6	1.1	1.1	0.5	0.5	1.3	1.3
171	Connective Tissue	1.5	1.2	1.3	0.8	0.3	1.6	0.6	0.6
172	Skin Melanoma	0.5	0.7	0.0	0.0	0.5	0.1	0.0	0.1
173	Skin Other	2.7	0.9	1.7	0.9	1.4	1.4	2.5	2.0
175	Breast	0.3	0.6	0.3	0.3	0.5	0.5	0.4	0.2
185	Prostate	4.1	3.2	4.2	5.6	5.0	5.5	4.9	7.1
186	Testis	0.7	0.3	0.9	0.7	1.0	0.7	0.3	0.6
187	Penis Etc	2.3	2.8	2.0	2.3	1.0	1.4	2.2	1.8
188	Bladder	3.3	4.5	2.9	2.8	3.0	3.1	3.3	2.7
189	Kidney	1.2	0.8	1.0	1.8	1.9	1.5	0.6	1.1
190	Eye	0.7	0.1	0.1	0.2	0.3	0.1	0.1	0.2
191-192	Brain-Ns	1.8	2.6	1.1	1.7	3.0	2.2	3.5	4.0
193	Thyroid Gland	0.9	0.4	0.4	1.1	1.7	0.6	1.2	0.9
194	Endocrine Other	0.2	0.4	0.1	0.0	0.0	0.1	0.0	0.1
201	Hodgkins Disease	1.5	1.4	1.0	1.4	1.6	1.5	1.2	2.4
200-202	Non-Hodg Lymphoma	3.1	3.1	3.4	2.9	3.2	1.7	4.2	3.1
203	Mult Myeloma	0.7	0.5	1.1	0.8	1.0	0.9	0.3	0.6
204	Leuk Lymphoid	0.9	0.7	1.1	1.0	1.2	0.8	1.2	1.6
205	Leuk Myeloid	1.0	1.0	1.2	0.8	1.0	1.5	0.9	2.3
206	Leuk Monocytic	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.1
207	Leuk Other	0.0	0.3	0.1	0.3	0.0	0.0	0.0	0.0
208	Leuk Uns	0.6	0.5	0.4	0.3	0.5	0.5	0.2	0.7
	Primary Unk	12.5	6.6	5.5	7.6	10.4	14.3	14.7	15.2
ALL SITES		100.2	92.5	90.6	98.7	97.0	110.7	114.6	112.2

* Incidence Rate Per 100,000

TABLE 2.10.2 : TRENDS IN AGE-ADJUSTED (WORLD POPULATION) CANCER INCIDENCE RATES

BANGALORE*

SEX : FEMALES YEAR : 1982-1989

ICD9	SITE	YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
140	Lip	0.1	0.1	0.3	0.1	0.1	0.1	0.2	0.1
141	Tongue	1.1	1.4	1.0	1.2	0.8	1.1	1.2	1.0
142	Salivary Gland	0.2	0.5	0.6	0.2	0.3	0.9	0.2	0.5
143-145	Mouth	13.4	9.6	10.2	9.2	10.4	8.9	11.2	11.1
146	Oropharynx	0.4	0.4	0.3	0.2	0.4	0.1	0.5	0.5
147	Nasopharynx	0.1	0.5	0.3	0.0	0.1	0.1	0.3	0.4
148	Hypopharynx	1.3	1.7	1.6	1.2	0.6	1.2	1.5	1.2
149	Pharynx Uns	0.3	0.4	0.0	0.6	0.5	0.2	0.3	0.1
150	Oesophagus	7.1	7.3	9.5	7.2	10.1	9.8	8.1	10.2
151	Stomach	6.0	6.0	5.7	7.0	4.7	5.2	6.3	4.3
152	Small Intestine	0.1	0.2	0.4	0.3	0.1	0.1	0.1	0.0
153	Colon	1.5	1.1	1.2	1.5	2.2	2.6	2.4	2.3
154	Rectum	2.6	1.9	2.8	2.5	3.2	3.0	3.6	2.2
155	Liver	1.4	1.2	0.6	0.8	0.9	1.1	1.5	1.0
156	Gallbladder	0.0	0.6	0.3	0.4	0.2	0.8	0.7	0.8
157	Pancreas	0.4	0.4	0.3	1.3	0.5	1.0	0.7	1.0
158	Peritoneum	1.6	0.7	0.7	0.1	0.7	0.2	0.7	0.5
160	Nose Etc	0.7	0.4	0.1	0.7	0.7	0.2	0.5	0.4
161	Larynx	1.3	0.8	0.6	0.9	0.7	0.6	0.5	0.7
162	LUNG	1.4	1.7	2.2	1.7	1.4	2.3	1.5	1.6
163	Pleura	0.4	0.4	0.4	0.4	0.3	0.3	0.2	0.5
164	Other Thoracic	0.1	0.0	0.0	0.1	0.0	0.1	0.1	0.1
170	Bone	1.2	0.4	1.3	0.2	0.6	0.7	0.8	0.9
171	Connective Tissue	1.1	0.7	0.9	0.7	0.8	1.0	0.5	0.3
172	Skin Melanoma	0.5	0.4	0.4	0.3	0.2	0.1	0.2	0.1
173	Skin Other	1.9	2.4	2.1	1.2	1.3	0.7	2.5	1.6
174	Breast	17.3	17.6	18.5	17.8	15.9	20.9	20.4	22.3
179	Uterus Uns	0.2	0.2	1.0	0.4	0.5	0.8	0.1	0.6
180	Cervix Uteri	35.6	33.7	31.0	29.5	28.7	32.4	32.2	26.4
181	Placenta	0.2	0.2	0.0	0.2	0.4	0.1	0.0	0.0
182	Corpus Uteri	1.8	2.2	1.6	1.0	1.3	2.0	0.9	2.0
183	Ovary etc	5.0	4.3	5.5	3.1	5.3	5.9	4.7	4.7
184	Other Fem Genital	2.3	1.2	1.2	0.8	1.5	1.5	1.9	1.4
188	Bladder	0.7	0.4	0.5	0.6	0.2	0.7	0.8	0.8
189	Kidney	1.7	0.9	0.4	0.6	0.8	1.1	0.5	0.4
190	Eye	0.3	0.2	0.0	0.2	0.1	0.2	0.4	0.0
191-192	Brain-Ns	1.2	1.0	1.1	1.6	1.4	1.8	1.3	1.7
193	Thyroid Gland	2.5	2.7	3.4	3.1	1.7	3.0	3.4	3.2
194	Endocrine Other	0.0	0.2	0.1	0.0	0.0	0.1	0.1	0.1
201	Hodgkins Disease	0.4	0.3	0.3	0.9	0.4	0.7	1.0	0.7
200-202	Non-hodg Lymphoma	1.4	1.6	1.7	1.0	2.5	2.0	1.3	2.1
203	Mult Myeloma	0.2	0.1	0.7	0.6	0.6	1.0	0.5	0.7
204	Leuk Lymphoid	0.5	0.3	0.5	0.8	0.6	0.4	0.5	0.6
205	Leuk Myeloid	0.9	1.0	0.9	1.4	1.3	1.5	2.1	2.0
206	Leuk Monocytic	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207	Leuk Other	0.0	0.3	0.0	0.0	0.0	0.1	0.1	0.0
208	Leuk Uns	0.3	0.7	0.1	0.0	0.3	0.4	0.6	0.9
	Primary Unk	10.0	6.1	3.9	5.1	10.5	10.4	12.9	10.5
ALL SITES		129.0	116.2	116.3	108.7	115.9	129.5	132.3	124.7

* Incidence Rate Per 100,000

TABLE 2.10.3 :TRENDS IN AGE-ADJUSTED (WORLD POPULATION) CANCER INCIDENCE RATES

BOMBAY*

SEX : MALES YEAR : 1982-1989

ICD9	SITE	YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
140	Lip	0.3	0.4	0.3	0.3	0.4	0.3	0.2	0.3
141	Tongue	7.1	7.2	7.8	7.9	7.8	6.3	5.9	6.5
142	Salivary Gland	0.6	0.5	0.4	0.4	0.5	0.5	0.5	0.4
143-145	Mouth	5.7	5.9	5.0	6.9	5.9	5.6	6.1	5.8
146	Oropharynx	3.3	2.7	3.8	3.6	2.7	3.3	3.5	3.2
147	Nasopharynx	0.9	1.1	0.5	0.7	0.8	0.5	0.6	0.6
148	Hypopharynx	9.5	7.7	8.6	8.1	8.0	8.3	9.4	8.2
149	Pharynx Uns	2.6	2.3	1.6	2.4	2.6	2.1	1.8	1.8
150	Oesophagus	11.2	9.9	12.1	11.6	11.4	11.8	11.4	11.5
151	Stomach	7.4	7.4	7.1	7.3	7.9	6.8	7.7	7.0
152	Small Intestine	0.2	0.2	0.3	0.2	0.5	0.2	0.2	0.5
153	Colon	2.5	2.9	2.5	2.6	3.5	4.5	3.0	4.0
154	Rectum	4.0	3.1	3.5	3.2	2.9	3.2	3.3	3.9
155	Liver	3.8	3.3	3.3	3.3	3.7	3.2	3.5	3.5
156	Gallbladder	0.7	0.6	1.1	1.2	1.0	1.1	1.2	1.6
157	Pancreas	2.2	1.7	2.2	3.2	2.7	2.6	2.3	2.5
158	Peritoneum	0.5	0.1	0.2	0.3	0.3	0.4	0.6	0.3
160	Nose etc	1.1	0.8	1.1	1.0	0.9	1.1	0.7	1.4
161	Larynx	7.0	8.9	8.1	7.8	9.8	9.9	8.1	8.8
162	Lung	13.7	14.7	13.4	14.2	13.1	14.8	14.0	14.6
163	Pleura	0.1	0.0	0.1	0.3	0.5	0.5	0.5	0.2
164	Other Thoracic	0.1	0.0	0.1	0.1	0.1	0.2	0.1	0.1
170	Bone	0.9	0.8	0.9	0.9	0.9	0.9	0.8	0.8
171	Connective Tissue	1.0	1.2	1.8	1.1	1.4	1.3	1.3	1.5
172	Skin Melanoma	0.3	0.2	0.4	0.3	0.2	0.1	0.5	0.3
173	Skin Other	1.9	1.6	1.4	2.6	2.1	1.9	2.0	1.3
175	Breast	0.2	0.1	0.5	0.3	0.3	0.6	0.4	0.3
185	Prostate	5.4	5.7	6.9	8.3	6.1	7.3	8.2	6.9
186	Testis	0.8	1.0	1.1	0.9	1.1	1.0	0.9	0.9
187	Penis etc	2.2	1.7	2.1	1.7	2.2	2.0	2.0	1.6
188	Bladder	3.4	3.1	4.0	3.2	3.8	4.1	4.5	4.2
189	Kidney	1.1	1.5	1.5	1.1	1.5	1.5	1.6	1.4
190	Eye	0.2	0.5	0.2	0.3	0.2	0.3	0.1	0.4
191-192	Brain-Ns	1.8	1.8	2.8	2.7	2.0	2.6	2.8	3.1
193	Thyroid Gland	0.6	0.9	0.8	0.6	1.0	0.7	0.7	0.7
194	Endocrine Other	0.1	0.1	0.1	0.1	0.2	0.2	0.3	0.2
201	Hodgkins Disease	1.1	1.3	1.0	1.4	1.2	1.0	1.1	1.2
200-202	Non-hodg Lymphoma	2.6	3.4	3.3	4.1	3.6	4.4	3.1	4.0
203	Mult Myeloma	1.2	0.9	0.7	0.9	0.8	0.9	0.8	1.3
204	Leuk Lymphoid	1.7	1.1	2.2	1.7	1.5	1.4	1.7	1.6
205	Leuk Myeloid	1.5	1.4	2.1	1.9	1.9	1.7	1.7	1.9
206	Leuk Monocytic	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207	Leuk Other	0.0	0.1	0.0	0.0	0.0	0.1	0.1	0.2
208	Leuk Uns	0.4	0.5	0.6	0.5	0.5	0.6	0.4	0.3
	Primary Unk	6.6	6.8	6.8	8.5	8.9	9.0	10.0	9.7
ALL SITES		119.9	116.5	123.9	129.5	128.5	130.4	129.6	130.4

* Incidence Rate Per 100,000

TABLE 2.10.4 :TRENDS IN AGE-ADJUSTED (WORLD POPULATION) CANCER INCIDENCE RATES

BOMBAY*

SEX : FEMALES YEAR : 1982-1989

ICD9	SITE	YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
140	Lip	0.1	0.4	0.2	0.2	0.3	0.3	0.3	0.2
141	Tongue	2.9	2.4	2.0	2.5	3.2	2.5	2.2	1.9
142	Salivary Gland	0.7	0.3	0.4	0.3	0.5	0.3	0.3	0.3
143-145	Mouth	4.5	4.2	3.9	4.4	4.5	4.4	4.7	3.9
146	Oropharynx	0.5	0.7	0.3	1.0	0.6	0.7	0.6	0.6
147	Nasopharynx	0.5	0.4	0.2	0.2	0.3	0.1	0.3	0.2
148	Hypopharynx	2.1	1.3	2.0	2.6	1.9	1.8	2.2	1.5
149	Pharynx Uns	0.4	0.5	0.9	0.7	0.5	0.9	0.6	0.9
150	Oesophagus	8.4	7.4	8.4	8.9	8.3	8.8	8.0	8.2
151	Stomach	5.4	3.7	3.9	4.2	4.9	4.8	4.3	3.4
152	Small Intestine	0.5	0.3	0.3	0.2	0.2	0.2	0.3	0.3
153	Colon	2.3	2.7	2.8	2.5	2.4	2.8	2.7	2.4
154	Rectum	2.4	2.3	2.3	2.5	2.6	2.8	2.3	2.6
155	Liver	2.7	1.5	1.4	2.2	2.5	1.7	1.9	1.8
156	Gallbladder	1.0	1.6	1.4	1.9	1.5	2.0	2.1	2.3
157	Pancreas	1.4	1.3	1.2	1.9	1.1	2.0	1.9	1.8
158	Peritoneum	0.2	0.3	0.5	0.6	0.5	0.4	0.3	0.6
160	Nose Etc	0.8	0.6	1.0	0.9	0.9	0.7	0.3	1.0
161	Larynx	1.2	2.0	1.3	1.4	1.6	1.6	1.5	1.3
162	Lung	3.3	3.2	4.1	2.7	2.0	2.9	3.6	3.7
163	Pleura	0.1	0.0	0.0	0.3	0.4	0.1	0.2	0.2
164	Other Thoracic	0.1	0.0	0.0	0.1	0.1	0.0	0.1	0.1
170	Bone	0.7	0.8	0.9	0.6	0.8	0.6	0.6	0.7
171	Connective Tissue	1.0	0.8	0.7	1.1	0.7	0.6	0.9	0.9
172	Skin Melanoma	0.1	0.0	0.2	0.5	0.2	0.1	0.2	0.3
173	Skin Other	1.3	0.9	1.2	2.0	1.6	1.7	1.1	1.2
174	Breast	21.4	21.6	23.6	26.4	26.7	24.2	25.0	26.1
179	Uterus Uns	1.5	1.2	1.2	1.4	1.7	1.1	1.3	1.5
180	Cervix Uteri	18.5	18.5	19.6	19.3	19.9	19.1	21.0	19.4
181	Placenta	0.3	0.2	0.2	0.3	0.1	0.2	0.2	0.1
182	Corpus Uteri	2.1	2.2	2.1	2.0	2.7	2.4	2.2	2.2
183	Ovary etc	5.9	6.3	6.2	6.7	6.0	7.3	7.6	7.0
184	Other Fem Genital	1.6	1.2	1.4	1.1	1.2	1.7	1.6	1.7
188	Bladder	0.7	1.0	0.9	1.3	0.9	0.7	1.3	1.3
189	Kidney	0.5	0.7	0.7	0.8	0.7	0.6	0.7	0.8
190	Eye	0.2	0.3	0.1	0.1	0.1	0.3	0.4	0.2
191-192	Brain-Ns	1.3	1.2	1.5	1.7	1.6	2.3	1.7	2.3
193	Thyroid Gland	1.5	1.3	1.4	1.5	1.8	1.7	2.0	2.0
194	Endocrine Other	0.0	0.1	0.2	0.2	0.1	0.0	0.1	0.1
201	Hodgkins Disease	0.6	0.5	0.7	0.7	0.3	0.6	0.5	0.7
200-202	Non-hodg Lymphoma	1.8	2.0	2.4	2.0	2.3	2.8	2.6	3.0
203	Mult Myeloma	0.6	0.8	1.0	1.1	0.8	0.8	0.8	0.6
204	Leuk Lymphoid	1.0	0.7	0.8	0.9	1.3	0.9	1.1	1.1
205	Leuk Myeloid	1.4	1.3	1.7	1.4	1.4	1.5	1.4	1.3
206	Leuk Monocytic	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
207	Leuk Other	0.1	0.0	0.1	0.0	0.0	0.0	0.0	0.1
208	Leuk Uns	0.4	0.5	0.3	0.4	0.4	0.3	0.5	0.4
	Primary Unk	4.9	4.8	6.7	7.1	6.7	5.4	6.9	6.1
ALL SITES		111.2	106.3	113.8	122.9	120.9	118.8	122.7	120.4

* Incidence Rate Per 100,000

TABLE 2.10.5 :TRENDS IN AGE-ADJUSTED (WORLD POPULATION) CANCER INCIDENCE RATES
MADRAS*
SEX : MALES YEAR : 1982-1989

ICD9	SITE	YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
140	Lip	0.4	0.2	0.1	0.5	0.1	0.5	0.5	0.6
141	Tongue	3.8	3.5	4.0	5.5	5.0	5.1	8.2	5.3
142	Salivary Gland	0.3	0.8	0.7	0.7	0.4	0.7	0.9	0.4
143-145	Mouth	6.7	6.1	5.6	6.7	7.4	8.1	9.8	7.3
146	Oropharynx	1.8	1.7	1.4	1.1	2.0	2.2	2.9	1.9
147	Nasopharynx	0.7	0.6	0.9	0.8	0.8	0.4	1.4	0.6
148	Hypopharynx	3.7	5.4	4.2	3.8	5.9	6.6	7.8	6.5
149	Pharynx Uns	0.6	1.0	0.4	0.4	1.2	0.9	1.2	1.0
150	Oesophagus	6.3	6.1	7.6	7.7	7.2	9.5	10.4	10.2
151	Stomach	12.1	14.2	13.8	15.7	17.1	14.3	15.1	16.5
152	Small Intestine	0.3	0.5	0.2	0.1	0.0	0.2	0.2	0.1
153	Colon	1.5	2.1	0.7	1.7	1.7	1.3	1.9	2.0
154	Rectum	2.7	2.1	2.6	2.1	2.6	2.5	3.7	4.5
155	Liver	1.7	1.6	2.5	3.1	2.1	2.4	3.9	1.9
156	Gallbladder	0.1	0.4	0.3	0.4	0.3	0.9	0.5	0.3
157	Pancreas	1.0	1.0	1.1	0.9	1.2	1.5	1.0	1.4
158	Peritoneum	0.7	0.3	0.5	0.4	0.4	0.3	0.3	0.1
160	Nose Etc	0.6	1.1	0.7	0.7	1.2	0.6	1.6	0.6
161	Larynx	4.2	3.9	4.8	4.6	4.3	4.6	5.5	5.5
162	Lung	5.1	7.3	8.5	8.0	9.9	8.8	11.4	11.1
163	Pleura	0.0	0.1	0.0	0.2	0.1	0.1	0.4	0.2
164	Other Thoracic	0.0	0.1	0.0	0.1	0.2	0.1	0.0	0.2
170	Bone	0.9	1.1	1.0	0.7	0.1	0.7	1.4	0.9
171	Connective Tissue	0.6	1.1	1.1	0.6	0.9	0.9	1.5	1.0
172	Skin Melanoma	0.2	0.6	0.3	0.2	0.3	0.4	0.1	0.3
173	Skin Other	0.9	1.0	1.3	1.7	1.4	1.4	1.5	2.2
175	Breast	0.3	0.4	0.3	0.1	0.5	0.1	0.1	0.7
185	Prostate	2.8	2.1	1.3	1.5	3.1	2.6	2.9	3.6
186	Testis	0.6	0.3	0.5	0.9	0.8	0.5	0.7	1.1
187	Penis etc	2.9	3.7	3.0	1.9	2.5	2.6	4.0	2.8
188	Bladder	1.8	0.8	1.9	1.4	1.8	3.0	2.3	3.8
189	Kidney	1.7	0.7	0.6	0.9	1.7	1.5	0.4	0.9
190	Eye	0.5	0.4	0.1	0.3	0.6	0.4	0.9	0.3
191-192	Brain-Ns	1.3	2.3	2.8	1.7	2.1	2.4	2.7	1.8
193	Thyroid Gland	0.7	0.9	0.5	0.8	0.6	0.7	0.8	0.9
194	Endocrine Other	0.2	0.0	0.1	0.3	0.0	0.1	0.2	0.1
201	Hodgkins Disease	2.3	1.8	1.3	1.4	1.7	1.7	1.6	1.7
200-202	Non-hodg Lymphoma	2.3	1.8	2.0	3.2	2.7	3.4	3.5	3.9
203	Mult Myeloma	0.4	0.5	0.8	1.0	0.6	0.5	0.9	0.5
204	Leuk Lymphoid	1.2	1.0	1.3	1.4	1.1	1.0	1.4	1.5
205	Leuk Myeloid	1.4	0.9	1.1	1.1	1.2	1.4	0.9	1.4
206	Leuk Monocytic	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.2
207	Leuk Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208	Leuk Uns	0.6	0.5	0.2	0.3	0.1	0.6	0.2	0.3
	Primary Unk	3.4	6.1	5.5	5.4	6.4	6.6	8.5	10.4
ALL SITES		81.6	88.7	87.6	92.2	101.3	104.4	125.2	118.5

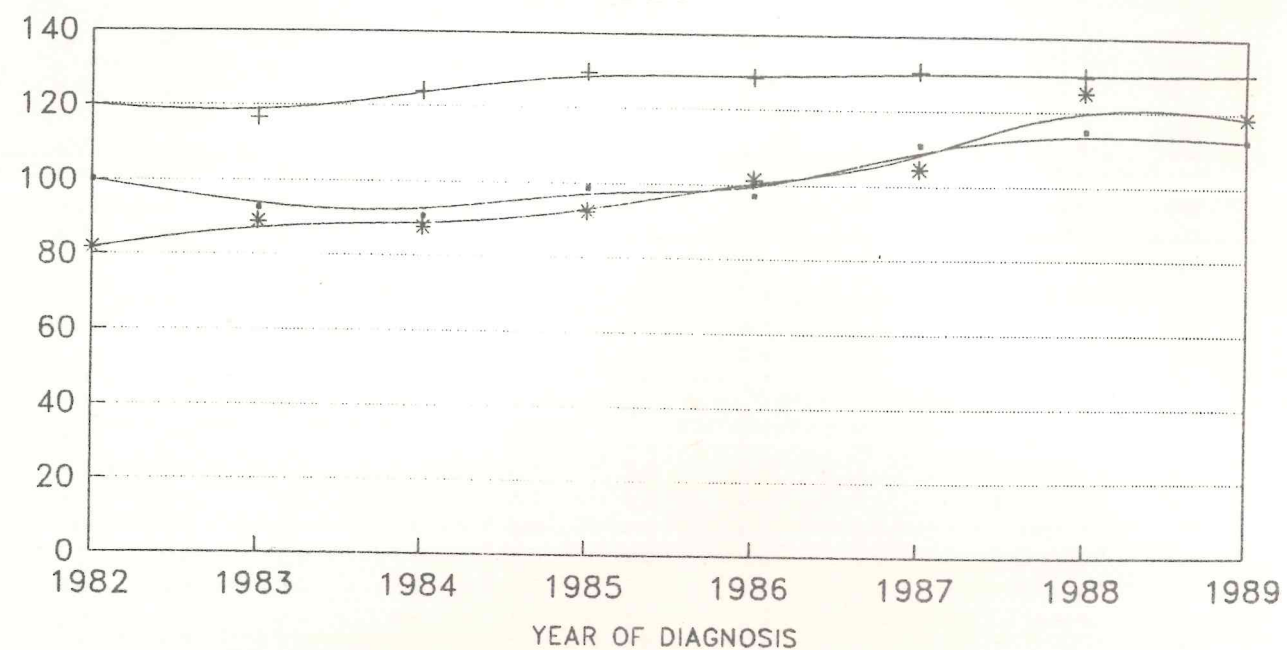
* Incidence Rate Per 100,000

TABLE 2.10.6 : TRENDS IN AGE-ADJUSTED (WORLD POPULATION) CANCER INCIDENCE RATES
MADRAS*
SEX : FEMALES YEAR : 1982-1989

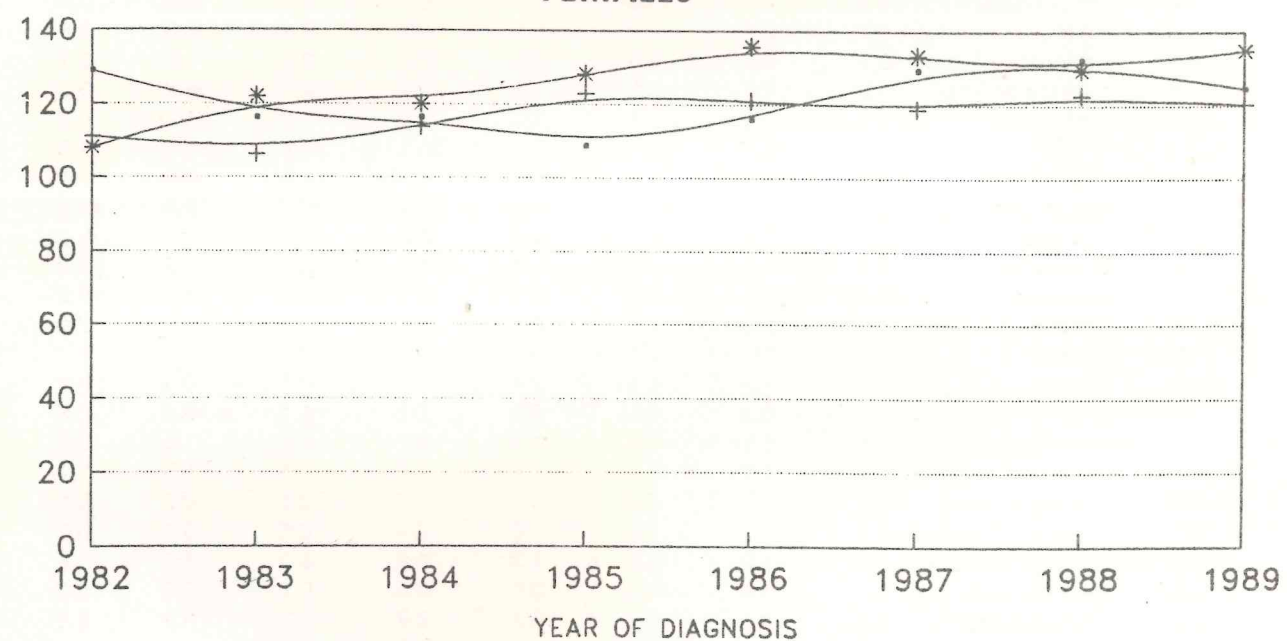
ICD9	SITE	YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
140	Lip	0.3	0.6	0.1	0.3	0.2	0.3	0.3	0.3
141	Tongue	1.7	1.5	1.1	1.8	1.1	1.6	1.2	2.1
142	Salivary Gland	0.2	0.4	0.5	0.4	0.4	0.9	0.4	0.2
143-145	Mouth	8.6	8.4	7.4	7.7	8.8	9.3	8.6	8.2
146	Oropharynx	0.8	0.3	0.3	0.3	0.7	0.4	0.5	0.4
147	Nasopharynx	0.2	0.3	0.4	0.4	0.4	0.3	0.3	0.3
148	Hypopharynx	1.1	1.8	1.4	2.5	2.2	1.8	2.8	2.7
149	Pharynx Uns	0.1	0.3	0.4	0.3	0.4	0.3	0.1	0.5
150	Oesophagus	3.3	5.8	5.9	5.6	7.6	6.3	7.2	7.7
151	Stomach	5.9	6.4	6.0	6.7	7.4	7.0	6.9	7.1
152	Small Intestine	0.1	0.2	0.1	0.2	0.1	0.1	0.0	0.0
153	Colon	0.5	1.5	1.9	1.4	1.2	1.6	1.3	0.8
154	Rectum	1.3	1.0	2.3	2.2	1.8	2.4	1.9	2.6
155	Liver	0.6	0.7	0.6	1.0	1.0	0.6	0.7	0.6
156	Gallbladder	0.2	0.4	0.6	0.5	0.5	0.5	0.2	0.6
157	Pancreas	0.3	0.3	0.4	0.5	0.7	1.5	0.8	0.7
158	Peritoneum	0.2	0.2	0.4	0.5	0.1	0.3	0.2	0.1
160	Nose Etc	0.3	0.4	0.9	0.1	0.7	0.6	1.0	0.8
161	Larynx	0.5	0.4	0.6	0.5	0.8	0.6	0.9	0.3
162	Lung	1.1	1.4	0.9	1.7	1.5	1.4	1.2	1.7
163	Pleura	0.0	0.0	0.1	0.2	0.0	0.0	0.1	0.0
164	Other Thoracic	0.1	0.0	0.0	0.1	0.0	0.0	0.0	0.0
170	Bone	0.7	0.7	1.0	0.8	0.6	0.4	0.5	0.6
171	Connective Tissue	0.9	0.8	0.8	0.5	0.6	0.8	1.1	0.7
172	Skin Melanoma	0.0	0.5	0.3	0.4	0.2	0.2	0.2	0.2
173	Skin Other	0.7	0.6	0.9	1.3	1.0	1.6	1.2	0.7
174	Breast	18.8	18.7	19.2	19.5	20.9	20.8	24.6	24.6
179	Uterus Uns	0.6	1.2	1.1	0.8	0.9	1.1	0.4	0.4
180	Cervix Uteri	41.6	44.8	43.3	48.5	52.6	46.2	41.5	43.5
181	Placenta	0.4	0.5	0.3	0.4	0.3	0.1	0.1	0.2
182	Corpus Uteri	1.4	1.0	1.6	1.8	1.5	2.4	2.7	1.9
183	Ovary etc	4.1	4.6	6.0	5.7	6.0	5.9	4.8	6.0
184	Other Fem Genital	1.8	2.0	2.1	2.1	1.8	3.1	1.8	2.0
188	Bladder	0.9	0.8	0.7	0.8	0.4	0.5	0.7	1.1
189	Kidney	0.4	1.3	0.5	0.6	0.1	0.6	0.4	0.7
190	Eye	0.4	0.3	0.3	0.2	0.6	0.4	0.1	0.6
191-192	Brain-Ns	0.8	1.1	1.6	1.0	0.7	1.7	1.0	0.8
193	Thyroid Gland	1.4	1.7	1.4	1.8	2.5	1.3	1.6	1.1
194	Endocrine Other	0.1	0.2	0.0	0.0	0.0	0.0	0.0	0.1
201	Hodgkins Disease	0.5	0.7	0.6	1.0	0.4	0.6	0.5	0.7
200-202	Non-hodg Lymphoma	1.0	1.2	0.8	1.3	1.8	0.9	1.7	1.8
203	Mult Myeloma	0.1	0.4	0.2	0.2	0.6	0.7	0.8	0.2
204	Leuk Lymphoid	0.3	0.5	0.5	0.9	0.7	0.7	0.7	0.5
205	Leuk Myeloid	0.3	0.6	0.8	1.1	1.2	1.1	0.7	0.9
206	Leuk Monocytic	0.1	0.2	0.1	0.0	0.0	0.0	0.0	0.2
207	Leuk Other	0.0	0.1	0.0	0.1	0.0	0.0	0.0	0.0
208	Leuk Uns	0.4	0.3	0.3	0.1	0.0	0.3	0.1	0.2
	Primary Unk	2.8	5.0	3.5	2.6	2.8	4.0	5.9	7.7
ALL SITES		108.1	121.9	120.0	128.3	135.7	133.4	129.7	135.0

* Incidence Rate Per 100,000

TIME TRENDS IN INCIDENCE RATE*
ALL SITES CANCER (ICD.9 : 140-208)
MALES



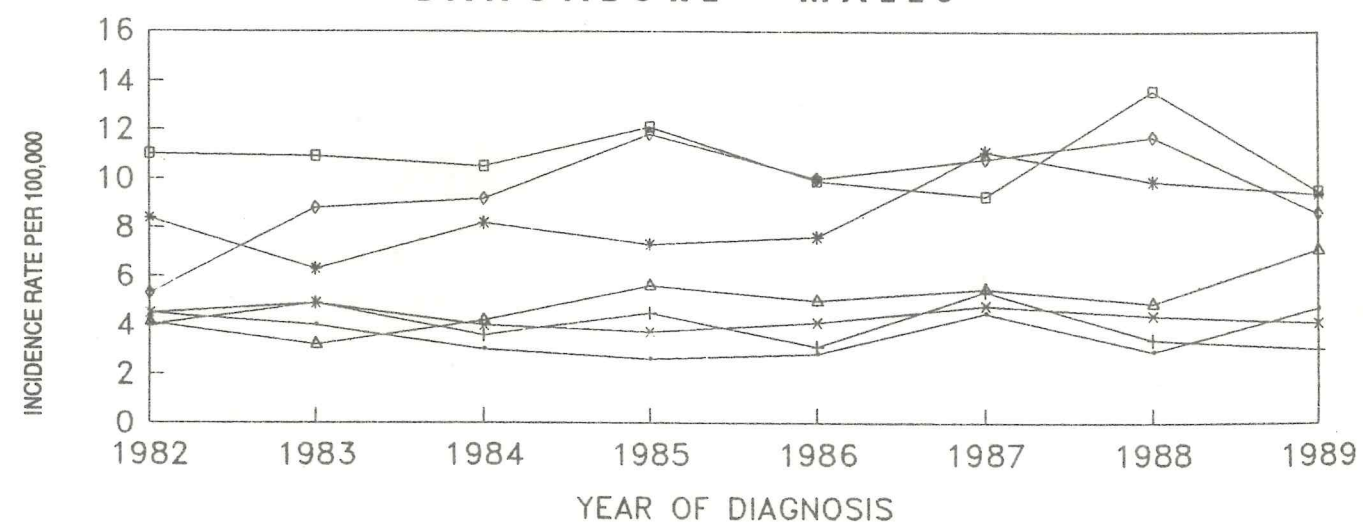
FEMALES



REGISTRY

—•— BANGALORE —+— BOMBAY —*— MADRAS
* AGE-ADJUSTED (WORLD POPULATION)

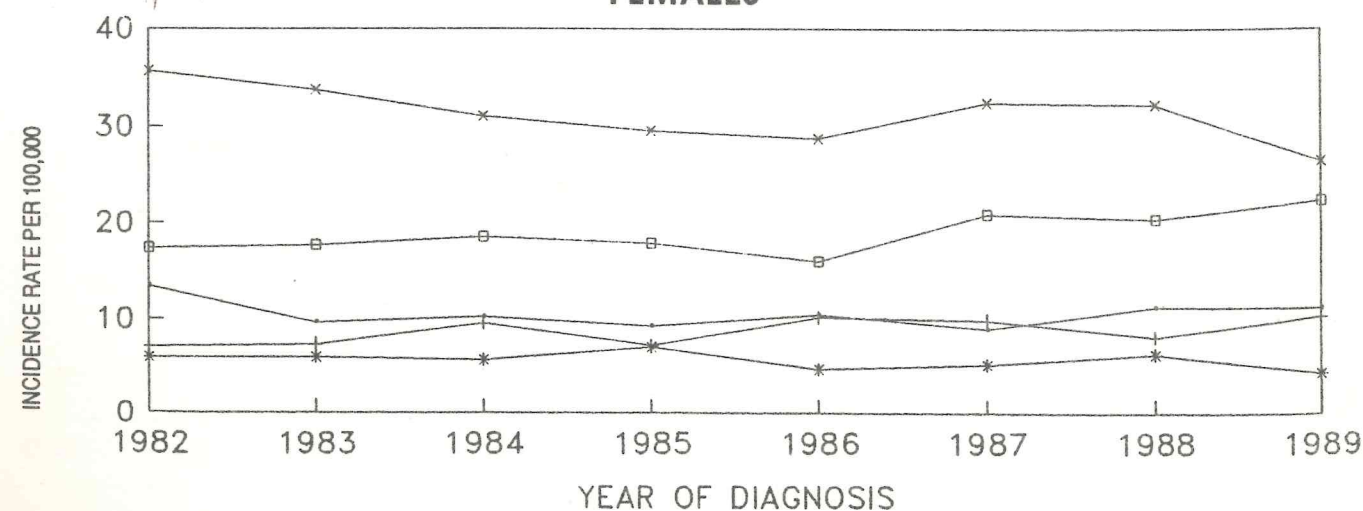
TIME TRENDS IN AGE ADJUSTED INCIDENCE RATES OF CANCER
1982 - 1989
BANGALORE — MALES



CANCER SITE

—•— TONGUE —+— MOUTH —*— OESOPHAGUS —□— STOMACH
—x— LARYNX —◇— LUNG —△— PROSTATE

FEMALES

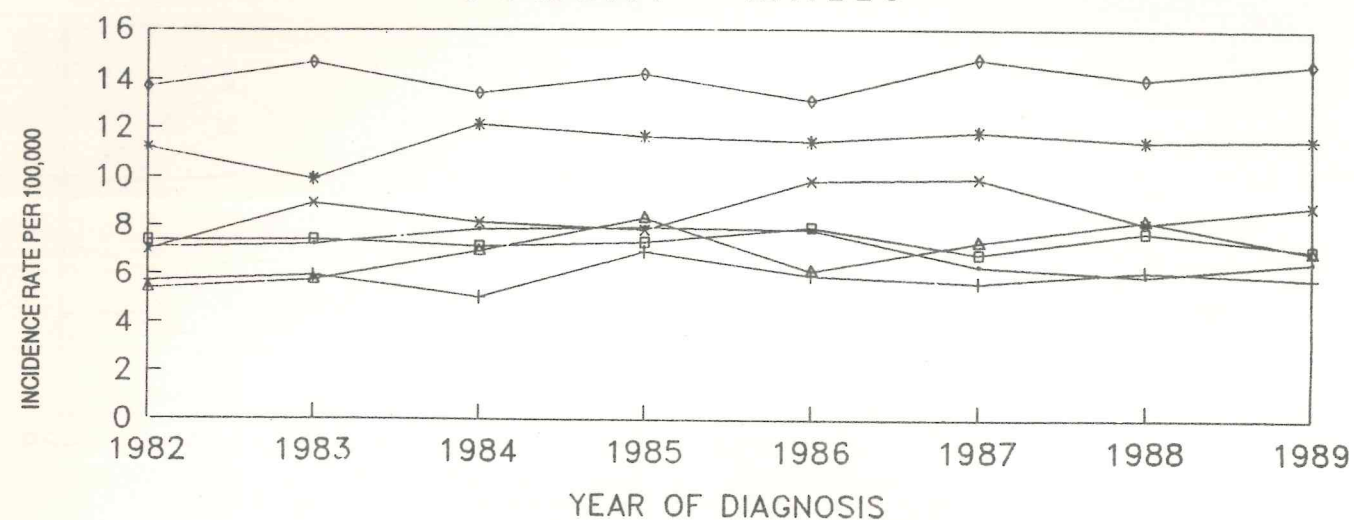


CANCER SITE

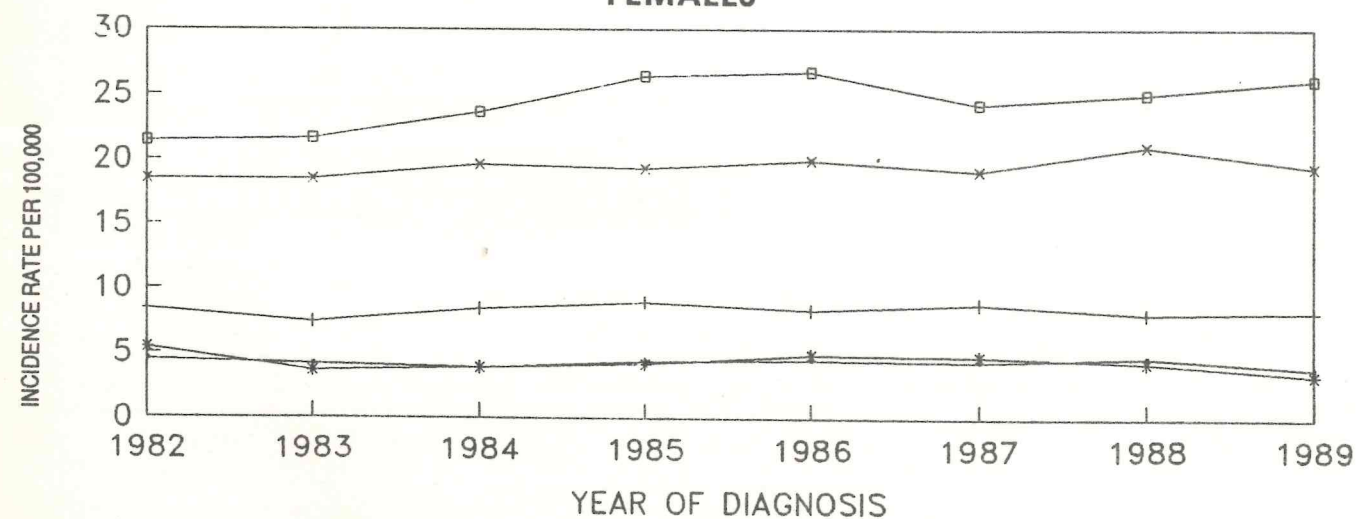
—•— MOUTH —+— OESOPHAGUS —*— STOMACH
—□— BREAST —x— UTERINE CERVIX
* WORLD POPULATION

SOURCE : NCRP DATA : 1982-1989

TIME TRENDS IN AGE ADJUSTED INCIDENCE RATES OF CANCER
1982 - 1989
BOMBAY — MALES



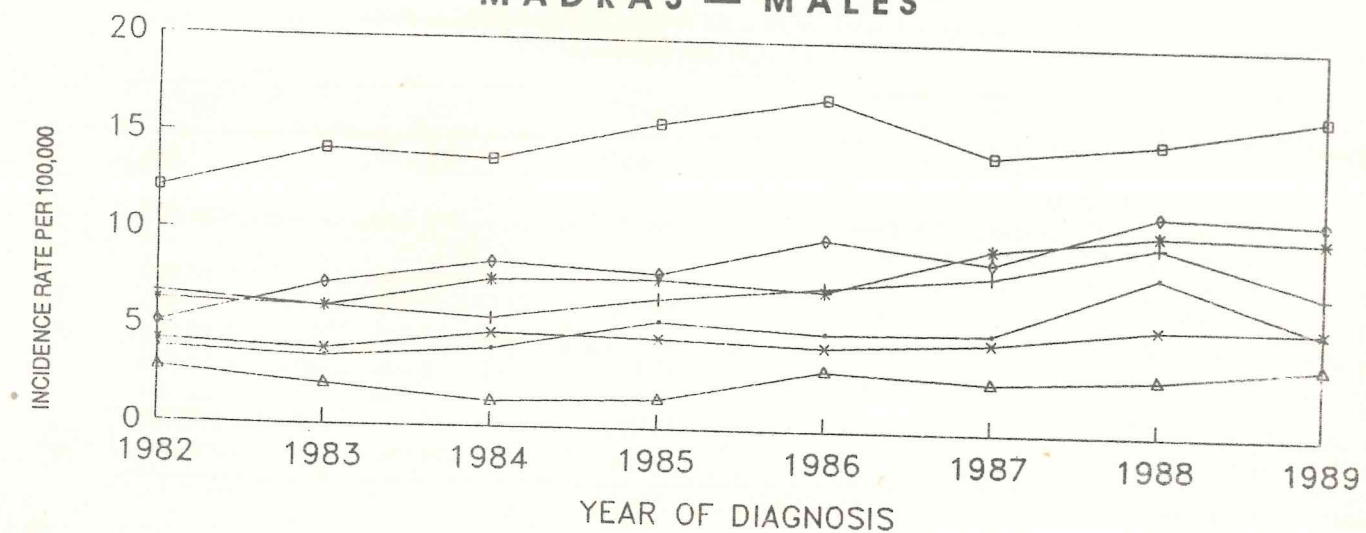
FEMALES



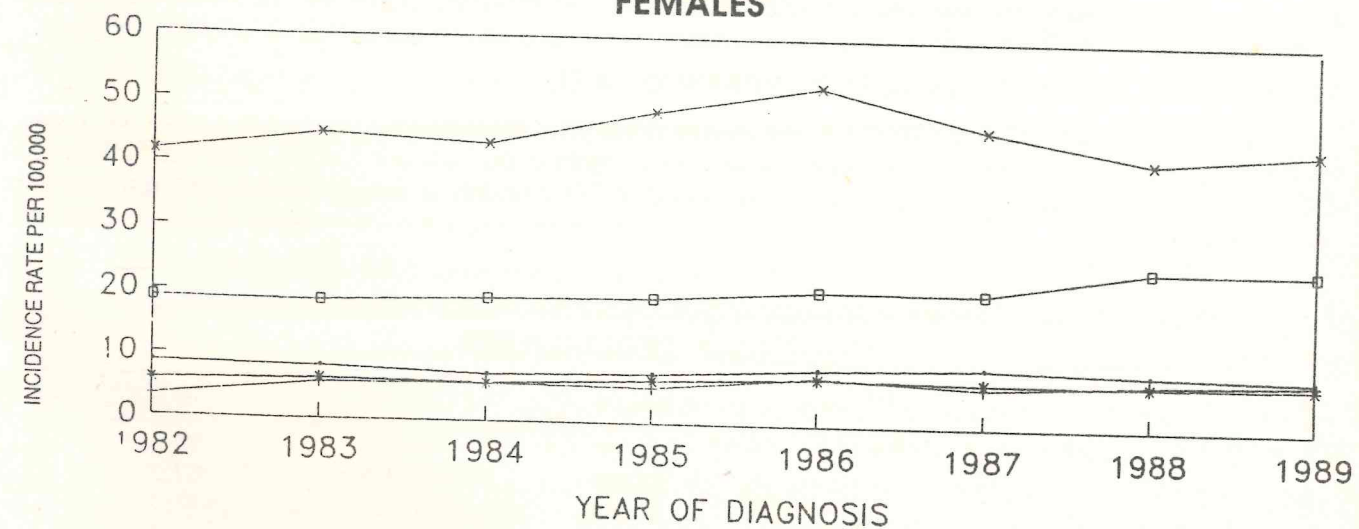
* WORLD POPULATION

SOURCE : NCRP DATA : 1982-1989

TIME TRENDS IN AGE ADJUSTED INCIDENCE RATES OF CANCER
1982 - 1989
MADRAS — MALES



FEMALES



* WORLD POPULATION

SOURCE : NCRP DATA : 1982-1989

2.11 BURDEN OF TOBACCO RELATED CANCERS IN INDIA

NCRP has provided incidence rates of cancer in Bangalore, Bombay and Madras areas for eight years (1982-1989). Based on these figures, the burden of tobacco related cancers in India has been estimated.

TABLE 2.11 : BURDEN OF TOBACCO RELATED CANCERS IN INDIA,
ESTIMATES FOR 1992 (AS ON JULY 1)

	MALES	FEMALES	TOTAL
Total Population (millions)*	450	412	862
Crude Rate Per 100,000	70	80	—
Number Of New Cancer Cases Per Year	315,000	329,600	644,600
New Cases Related To Tobacco Habits Per Year :			
Mouth	36,200	27,000	63,200
Pharynx & Larynx	49,200	10,600	59,800
Oesophagus	23,700	16,500	40,200
Lung	27,800	5,100	32,900
Others	15,000	7,200	22,000
Total - Tobacco Habits	151,900	66,400	218,300
Related Cancers	(48.2%)	(20.1%)	(33.8%)

* As on July 1, 1992

Estimates are shown separately for males and females for commonly affected sites namely, mouth, pharynx & larynx, oesophagus and lung (Table 2.11). Some other sites related to smoking habits known from the experience of the west such as bladder, pancreas etc. are taken as others. Although stomach and uterine cervix cancers are appear to be associated with the bidi and cigarette smoking, but they are not taken into account. It is also possible that tobacco chewing and bidi smoking may show risks for cancers not studied so far. From these considerations, the present estimate of tobacco related cancers is a conservative one (Sanghvi, 1989).

In India, cancer morbidity cases related to tobacco habits, per year, are 151,900 (48.2%) in men and 66,400 (20.1%) in women with an overall estimate of 218,300 (33.8%) for the two sexes. Of 218,300, 74.7% cancers related to tobacco were found in mouth, pharynx & larynx and oesophagus; lung cancer accounted for only 15% of cases.

2.12 INCIDENT CASES OF CANCER BY YEAR 2001 A.D.

Incident cases of cancer by year 2001 A.D. (as on July 1) has been estimated as given in the Table 2.12. These estimates are based on averages of crude incidence rates for Bangalore, Bombay and Madras registries for the year 1989. India's population was projected, by sex, for the year 2001 A.D. (as on July 1), using 1981 and 1991 (provisional) censuses and applying the exponential rate of growth. The present estimates of cancer cases may be considered as a conservative one.

TABLE 2.12 : ESTIMATED NUMBER OF INCIDENT CANCER CASES FOR SELECTED SITES, ALL AGES, BY
THE YEAR 2001 A.D. (AS ON JULY 1), IN INDIA *

SITE (ICD.9)	MALES	FEMALES	TOTAL
Lip, Oral Cavity (140-145)	39,000	31,000	70,000
Pharynx & Larynx (146-149,161)	53,000	14,000	67,000
Oesophagus (150)	31,000	26,000	57,000
Stomach (151)	35,000	16,000	51,000
Lung (162)	34,000	7,000	41,000
Breast (174)	—	80,000	80,000
Cervix Uteri (180)	—	100,000	100,000
Others	201,000	139,000	340,000
TOTAL	393,000	413,000	806,000

*Estimates are based on crude cancer incidence rates for Bangalore, Bombay, Madras and Delhi.

Source : NCRP Data, 1989.

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3. CANCER MORTALITY

3.1 DEATH CERTIFICATES

The population-based cancer registries - Bangalore, Bombay and Madras - screen all the death certificates maintained by the Vital Statistics Division of the Municipal Corporation in their registration areas. In addition to this, registries send reply paid post cards (letters) to the patients enquiring about their well being. In case the patient is dead, his or her relative returns the post card to the registry informing that the patient had expired on a particular date, month and year.

The death records for a specific year are usually available at the end of the year. Copies are made of all the death certificates which mention "cancer" or "tumour" as the underlying cause of death. These death certificates are classified as per residence criteria. A deceased person who had resided in the registration area prior to his death, minimum for a period of one year, is considered to be a resident in the study area. If the duration of residence is less than one year and/or residence address of the deceased is not local, the person is classified as "non-resident"; if the residential address is local but the duration of stay is not known in the registration area, then the deceased residence is considered as "residence not known". Only those deceased persons who are proved to be residents are considered for the computation of mortality rates. Non-residents and residence status not known are excluded from the analysis for obvious reasons. Deceased persons of unknown residence category are also checked with the voters list in order to ascertain their residence status. All the copied death certificates are coded as per ICD.9 for underlying cause of death in order to classify cancer deaths.

Delhi and Bhopal registries collect information on all cancer deaths in their registration areas from the institutions i.e. hospitals and births & deaths registration unit of the municipal corporation. While Barshi records information on all cancer deaths from village death records and municipal death records and also by home visits.

The death certificates have certain essential uses. Under the National Cancer Registry Programme, the death certificates are useful to provide information about persons with cancer who were not registered and/or missed by the registries during their life time. Thus the death certificates provide an important check on the completeness of registration. All the death certificates copied by the registries are then matched against the registered cases in the registries files. Every cancer death not traceable to an entry in a registry file is labelled as an "unmatched death - DCO" and date of death is then taken as the date of first diagnosis, and is so registered in the corresponding year's data file. The matched death certificates can also be used for survival analysis. However, the ideal thing would be to match all deaths irrespective of stated cause of death, so that the death of any registered patient could be recorded. But for reasons of economy the Indian regis tries copy only those certificates on which cancer is mentioned.

An attempt has been made in this section to study the cancer mortality in all the PBCRs.

3.2 MORTALITY DATA

In Tables 3.2a and 3.2b, data on total cancer deaths reported during the years 1982 - 1989, in the registration areas, is given. Table 3.2c presents the analysis of resident cancer deaths by sex for Bangalore, Bombay, Madras, Delhi, Bhopal and Barshi centres.

The death certificate system in Bombay seems to be fairly good. No dead body can be disposed of without a death certificate from a competent authority and all deaths have to be certified by the registered medical practitioner as per the law. In Bombay, approximately 4.0% deaths are attributable per year to cancer.

Delhi, Bhopal and Barshi registries have also made efforts to collect information on cancer deaths.

The death certification system in Bangalore and Madras does not seem to be satisfactory. The data on cancer deaths reported by the Bangalore and Madras registries appear to be under-registered and incomplete. Similar is the case in Delhi, Bhopal, and Barshi.

3.3 MORTALITY RATE

The cancer mortality rate is the number of deaths with cancer given as the underlying cause of death occurring during the year in a specified population, expressed as a number per 100,000 of that population.

In addition to the number of cases tabulated by age groups, sex and site (ICD.9), various summary statistics have been calculated to assist in comparisons between registries : (i) crude rate of mortality (CMR); (ii) age-specific

mortality rate (ASMR); (iii) age-adjusted mortality rate (AAMR) (age-adjusted to world population); (iv) age-truncated (35-64 years) mortality rate (TMR) (age-adjusted to world population)

A comparison of crude , age adjusted (world population) and truncated (35-64 years : world popuation) mortality rates over a eight year period i.e., 1982 - 1989, among Indian registries, for all sites (ICD.9 : 140-208) has been done Table 3.3.

TABLE 3.2a : TOTAL CANCER DEATHS REPORTED . YEARS : 1982 - 1989
BANGALORE

YEAR OF DEATH	RESIDENT DEATHS		
	MATCHED#	UNMATCHED	TOTAL
1982	123	214	337
1983	178	175	353
1984	193	149	342
1985	257	203	460
1986	378	213	591
1987	436	312	748
1988	453	316	769
1989	328	388	716

BOMBAY

YEAR OF DEATH	RESIDENT DEATHS			NR	NK	TOTAL
	MATCHED#	UNMATCHED	TOTAL			
1982	2312	602	2914	745	344	4003
1983	2177	568	2745	688	649	4080
1984	2343	574	2922	988	433	4343
1985	2463	577	3040	817	431	4288
1986	2604	578	3182	768	471	4421
1987	2713	563	3276	699	522	4499
1988	2849	557	3406	685	495	4586
1989	2889	586	3475	745	544	4764

MADRAS

YEAR OF DEATH	RESIDENT DEATHS		
	MATCHED#	UNMATCHED	TOTAL
1982	236	241	477
1983	409	157	566
1984	338	245	583
1985	538	209	747
1986	537	197	734
1987	687	164	851
1988	604	179	783
1989	735	163	898

RESIDENT - residing in the registration area minimum for a period of one year prior to death.

MATCHED - matched with morbidity records.

UNMATCHED - remained unmatched with morbidity records.

NR - Non resident deaths in the registration area.

NK - Residence Status Not Known - duration of stay in the registration area is not known.

TABLE 3.2b : TOTAL CANCER DEATHS REPORTED . YEARS : 1988-1989

DELHI

YEAR OF DEATH	RESIDENT DEATHS			NR	NK	TOTAL
	MATCHED#	UNMATCHED	TOTAL			
1988	442	821	1263	453	10	1726
1989	589	678	1267	385	10	1662

BHOPAL

YEAR OF DEATH	RESIDENT DEATHS		
	MATCHED#	UNMATCHED	TOTAL
1988	133	23	156
1989	124	17	141

BARSHI

YEAR OF DEATH	RESIDENT DEATHS		
	MATCHED#	UNMATCHED	TOTAL
1988	93	22	115
1989	120	8	128

RESIDENT - residing in the registration area minimum for a period of one year prior to death.

MATCHED - matched with morbidity records.

UNMATCHED - remained unmatched with morbidity records.

NR - Non resident deaths in the registration area.

NK - Residence Status Not Known - duration of stay in the registration area is not known.

3.4 FATALITY RATE

The mortality rate expresses the frequency with which members of a general population die of cancer while the case fatality rate expresses the frequency with which affected individuals die of cancer. Fatality rate is expressed in percent. Fatality rate is also expressed as fatality ratio.

Fatality rate or fatality ratio is defined as the number of deaths from a disease recorded during a defined period divided by the number of new cases of that disease recorded during the same period (or related period). The fatality rate measures the degree of disease fatality.

In Bombay, the case fatality rate - ratio of mortality to incidence rates - for all sites, is stable during the eight year period under study; the fatality is about 55% (vary between 55.5% and 58.9%) in men and 50% in women (vary between 49.0% and 59.3%).

In contrast, Bangalore and Madras the fatality rates are lower than Bombay and also are not stable which clearly reflect that the mortality data is incomplete. In Madras, the fatality rate vary between 26.8% & 34.4% in men and 14.4% and 24.1% in women. Bangalore data show even lower fatality rate than Madras; in men the fatality rate vary between 22% & 34% while in women, it vary between 12% and 25% (Table 3.4).

TABLE 3.2c : RESIDENT CANCER DEATHS
YEAR : 1982 - 1989 (BETWEEN JANUARY 1 AND DECEMBER 31)

REGISTRY	YEAR	MALES	FEMALES	TOTAL
BANGALORE	1982	190	147	337
	1983	207	146	353
	1984	214	128	342
	1985	273	187	460
	1986	308	283	591
	1987	407	341	748
	1988	416	353	769
	1989	400	316	716
BOMBAY	1982	1665	1249	2914
	1983	1588	1157	2745
	1984	1711	1211	2922
	1985	1705	1335	3040
	1986	1743	1439	3182
	1987	1822	1454	3276
	1988	1847	1559	3406
	1989	1879	1596	3475
MADRAS	1982	294	183	477
	1983	308	258	566
	1984	338	245	583
	1985	381	366	747
	1986	397	337	734
	1987	454	397	851
	1988	438	345	783
	1989	519	379	898
DELHI	1988	734	529	1263
	1989	707	560	1267
BHOPAL	1988	100	56	156
	1989	85	56	141
BARSHI	1988	56	59	115
	1989	70	58	128

TABLE 3.3 : COMPARISON OF CANCER MORTALITY RATES - CRUDE (CMR),
AGE-ADJUSTED (AAMR) & TRUNCATED (TMR), PER 100,000 PERSONS, IN
INDIAN REGISTRIES, 1982-1989.

SITES : ALL SITES (ICD.9 : 140 - 208).

REGISTRIES	YEAR	MALES			FEMALES		
		CMR	AAMR*	TMR**	CMR	AAMR*	TMR**
BANGALORE	1982	11.8	19.7	33.5	10.2	16.7	33.4
	1983	12.4	20.8	37.2	9.8	15.4	31.8
	1984	12.4	20.2	41.8	8.3	13.8	30.2
	1985	15.3	26.4	42.9	11.7	19.5	39.0
	1986	16.7	29.2	49.9	17.1	28.0	61.6
	1987	21.4	37.4	58.5	19.9	32.3	73.7
	1988	21.2	37.1	59.8	19.9	33.1	70.0
	1989	19.7	35.1	54.4	17.2	29.1	56.5
BOMBAY	1982	35.5	70.6	94.5	34.3	60.6	103.1
	1983	33.3	66.5	90.5	31.1	53.7	88.4
	1984	35.3	70.7	90.9	31.8	56.1	94.1
	1985	34.6	71.8	95.6	34.3	60.2	99.8
	1986	34.8	71.6	90.6	36.2	64.1	101.7
	1987	35.8	74.4	94.1	35.7	63.2	109.7
	1988	35.7	74.6	95.0	37.5	66.8	110.3
	1989	35.8	73.5	96.0	37.5	67.7	107.5
MADRAS	1982	17.0	24.6	46.5	11.3	15.6	37.4
	1983	17.6	23.7	52.9	15.8	21.7	49.5
	1984	19.0	27.8	51.6	14.8	20.9	45.3
	1985	21.1	31.5	57.8	21.7	30.8	65.7
	1986	21.6	32.7	61.9	19.7	28.1	65.4
	1987	24.4	35.9	70.7	22.9	32.2	72.6
	1988	23.2	34.7	67.5	19.6	26.9	59.1
	1989	27.1	41.6	76.0	21.2	30.2	71.5
DELHI	1988	17.7	31.4	48.4	15.5	25.8	52.4
	1989	16.4	29.3	48.6	15.7	27.0	54.8
BHOPAL	1988	20.1	41.2	64.7	12.7	24.6	50.4
	1989	16.3	34.2	58.5	12.1	23.9	49.4
BARSHI	1988	27.6	36.2	49.9	29.8	36.4	78.9
	1989	34.3	44.7	76.0	29.0	33.7	62.8

* World Population

** (35-64 Years) (World Population)

TABLE 3.4 : COMPARISON OF AGE-ADJUSTED INCIDENCE RATE, MORTALITY RATE,
PER 100,000 PERSONS AND FATALITY RATE (%), IN INDIAN REGISTRIES.
SITE : ALL SITES (ICD.9 : 140 - 208). YEARS : 1982 - 1989.

REGISTRIES	YEAR	MALES			FEMALES		
		IR	MR	FR	IR	MR	FR
BANGALORE	1982	100.2	19.7	19.7	129.0	16.7	12.9
	1983	92.5	20.8	22.5	116.2	15.4	13.2
	1984	90.6	20.2	22.3	116.3	13.8	11.9
	1985	98.7	26.4	26.7	108.7	19.5	17.9
	1986	97.0	29.2	30.1	115.9	28.0	24.2
	1987	110.7	37.4	33.8	129.5	32.3	24.9
	1988	114.6	37.1	32.4	132.3	33.1	25.0
	1989	112.2	35.1	31.3	124.7	29.1	23.3
BOMBAY	1982	119.9	70.6	58.9	111.2	60.6	54.5
	1983	116.5	66.5	57.1	106.3	53.7	50.5
	1984	123.9	70.7	57.1	113.8	56.1	49.3
	1985	129.5	71.8	55.4	122.9	60.2	49.0
	1986	128.5	71.6	55.7	120.9	64.1	53.0
	1987	130.4	74.4	57.1	118.8	63.2	53.2
	1988	129.6	74.6	57.6	122.7	66.8	54.4
	1989	130.4	73.5	56.4	120.4	67.7	56.2
MADRAS	1982	81.6	24.6	30.1	108.1	15.6	14.4
	1983	88.7	23.7	26.7	121.9	21.7	17.8
	1984	87.6	27.8	31.7	120.0	20.9	17.4
	1985	92.2	31.5	34.2	128.3	30.8	24.0
	1986	101.3	32.7	32.3	135.7	28.1	20.7
	1987	104.4	35.9	34.4	133.4	32.2	24.1
	1988	125.2	34.7	27.7	129.7	26.9	20.7
	1989	118.5	41.6	35.1	135.0	30.2	22.4
DELHI	1988	116.8	31.4	26.9	133.5	25.8	19.3
	1989	118.8	29.3	24.7	140.7	27.0	19.2
BHOPAL	1987	91.2	49.6	54.3	88.2	20.4	23.2
	1988	98.1	41.2	42.0	98.7	24.6	24.9
	1989	106.2	34.2	32.2	100.1	23.9	23.9
BARSHI	1988	55.4	36.2	65.3	52.2	36.4	69.7
	1989	57.6	44.7	77.6	52.2	33.7	64.6

IR - Incidence Rate
MR - Mortality Rate
FR - Fatality Rate (MR/IR x 100)

APPENDIX (I)

TABLE AI.1 : SOURCES OF REGISTRATION OF INCIDENT CASES OF CANCER.
YEAR : 1982 - 1989

BANGALORE (%)

INST. CODE	HOSPITAL	YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
1	KMIO	56.5	62.4	63.3	71.2	64.4	64.7	64.8	60.8
2	BAPTIST	0.8	0.6	1.1	0.4	0.7	0.7	0.8	0.3
4	BOW & LADY CUR	1.5	1.3	1.4	1.6	1.9	1.0	1.9	1.6
8	ESI	1.0	0.6	0.8	0.4	0.4	0.1	0.0	0.0
11	IND TEL	0.1	0.1	0.5	0.1	0.4	0.1	0.1	0.3
12	K C GENERAL	0.3	0.5	0.5	0.7	0.7	0.5	0.2	0.3
14	NIMHANS	0.8	0.9	0.5	0.4	0.7	0.2	0.7	0.8
15	SINDHI CHA	0.2	0.4	0.3	0.5	0.8	0.2	0.5	0.2
16	ST JOHNS MED C	1.8	2.8	3.4	3.2	4.7	4.2	4.5	3.2
17	ST MARTHAS	1.7	2.3	2.3	1.6	1.8	1.4	1.2	2.0
18	ST PHILOMINA	0.6	1.7	1.5	2.4	1.8	1.3	2.2	2.4
20	VICTORIA	15.0	7.0	5.8	3.7	7.1	7.8	6.2	6.0
89	REPUBLIC NH	1.4	1.5	0.7	1.2	0.8	0.8	1.1	1.2
199	BMC (DCO)	10.0	13.0	15.3	10.0	10.5	14.1	11.6	14.2
	OTHERS	8.3	4.9	2.6	2.7	3.3	2.9	4.2	6.7
TOTAL %		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
CASES		2137	2128	2144	2123	2217	2322	2718	2739

TABLE AI.2 : SOURCES OF REGISTRATION OF INCIDENT CASES OF CANCER.
YEAR : 1982 - 1989

INST. CODE	HOSPITAL	BOMBAY (%)							
		YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
1	TATA MEMORIAL	50.7	52.9	41.5	37.8	37.8	37.1	37.5	34.3
2	KING EDWARD MEM	4.0	3.7	4.3	4.8	5.1	5.2	5.8	6.5
3	J J	2.8	2.6	3.1	4.1	3.6	3.8	2.9	3.1
4	M G M	1.1	0.9	0.9	1.0	1.0	1.2	1.0	0.8
5	B Y L NAIR	3.2	3.7	3.5	4.1	4.1	4.3	3.4	3.5
6	L T M G SION	2.3	2.7	2.6	2.7	2.7	2.7	3.0	3.3
7	E N T	0.7	0.3	0.8	1.0	0.9	0.9	0.8	0.7
8	GRANT MED C	1.2	1.0	1.0	1.2	0.9	1.0	0.8	0.8
9	HARKISHAN DAS NH	2.3	1.7	2.5	2.2	1.7	2.3	2.3	2.2
10	ST GEORGES	1.2	1.1	1.1	1.1	1.2	1.1	1.1	0.9
11	WESTERN RLY	0.2	0.2	0.2	0.2	0.4	0.4	0.2	0.3
12	PARSEE GEN H	0.9	0.6	0.8	0.7	0.8	0.7	0.6	0.6
13	R N COOPER	1.2	1.2	1.4	1.2	1.7	1.2	1.3	1.6
14	CAMMA & ALBESS	0.2	0.3	0.3	0.3	0.2	0.4	0.4	0.5
15	RAJAWADI	1.2	1.3	1.5	1.5	0.9	0.9	1.1	1.2
19	NANAVATI	4.3	3.8	3.8	4.9	4.0	4.4	3.8	4.4
21	JASLOK	1.8	2.1	2.1	2.6	2.3	2.2	2.3	2.4
23	BOM PORT TRUST	0.4	0.3	0.4	0.6	0.4	0.6	0.5	0.5
24	SHUSHRUSHA	0.7	0.5	0.8	0.6	0.9	1.2	0.8	1.1
27	SAIFEE	0.3	0.4	0.4	0.5	0.4	0.8	0.9	0.7
28	BHATIA	0.5	0.6	0.7	0.7	0.8	0.5	0.5	0.4
29	MASINA	0.5	0.5	0.6	0.6	0.6	0.6	0.5	0.9
52	HOLY SPIRIT	0.2	0.4	0.3	0.4	0.5	0.3	0.9	0.5
53	ISMALI GEN H	0.3	0.4	0.5	0.4	0.6	0.8	0.4	0.7
64	MUN GEN H	0.5	0.8	0.7	0.5	0.8	0.5	0.7	0.4
90	BOMBAY H	0.4	0.1	7.3	7.6	6.8	5.3	5.7	5.4
92	BREACH CANDY	0.0	1.1	1.6	1.4	1.6	1.3	1.4	1.5
101	BARC	0.0	0.0	0.2	0.2	0.2	0.4	0.2	0.1
103	BHARTIYA AROGYA	0.0	0.0	0.3	0.2	0.3	0.3	0.2	0.3
115	M G H MALAD	0.0	0.0	0.1	0.3	0.1	0.2	0.1	0.3
200	BMC (DCO)	10.7	10.1	9.6	9.0	8.9	8.6	8.3	8.6
	OTHERS	6.2	4.7	5.1	5.6	7.3	8.8	10.6	8.4
TOTAL % CASES		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		5654	5621	5959	6424	6459	6566	6675	6821

TABLE AI.3 : SOURCES OF REGISTRATION OF INCIDENT CASES OF CANCER.
YEAR : 1982 - 1989

INST. CODE	HOSPITAL	MADRAS (%)							
		YEAR OF DIAGNOSIS							
		1982	1983	1984	1985	1986	1987	1988	1989
1	CR RES INST	0.4	0.9	0.4	1.0	0.3	0.3	0.2	0.0
2	GOVT DENTAL	0.8	0.8	1.1	1.1	0.7	0.4	0.4	1.0
3	ESI	1.0	0.8	0.9	0.8	0.6	1.1	0.8	0.7
4	GENERAL H	29.3	31.0	28.0	22.1	26.1	29.8	34.0	23.9
5	GOVT I CHILD	1.7	1.3	0.7	1.9	0.3	0.9	0.6	1.1
6	GOVT KILP MCH	2.0	1.6	2.6	2.9	1.8	2.4	2.1	2.7
7	GOVT K GANDHI	2.7	3.9	3.6	3.0	2.5	2.4	1.9	1.8
9	MAS PORT TRUST	0.7	0.3	0.9	0.5	0.3	0.6	0.1	0.2
10	SOUTHERN RLY	1.4	1.0	1.1	0.8	0.8	1.6	1.6	1.8
11	GOVT ROYAPETAH	3.6	6.1	6.5	10.1	9.0	7.0	6.4	6.5
12	GOVT RSRM	2.5	2.2	3.1	3.1	2.7	2.2	0.9	1.1
13	GOVT STANLEY	10.9	9.1	10.0	8.4	8.4	9.7	7.1	9.2
14	GOVT W & CHILD	10.8	10.7	10.0	12.0	11.1	8.2	7.1	8.3
17	CANCER INST	13.8	14.6	14.8	14.7	16.1	15.2	19.2	19.8
18	CSI RAINY	0.3	0.7	0.9	1.0	1.0	1.2	0.9	1.4
20	KALYANI GEN H	0.3	0.2	0.4	0.4	0.8	0.3	0.5	0.1
28	VOL HEALTH SCH	0.4	1.0	1.3	1.3	0.7	1.1	0.9	1.2
32	VIJAYA	1.0	1.2	1.0	0.5	0.0	0.1	0.7	0.6
33	MMC (DCO)	10.5	6.1	7.5	7.8	6.8	5.4	5.5	5.1
52	BATULLAH H	0.0	0.0	0.1	0.5	0.5	1.0	0.0	0.1
60	PR RAD INST & CH	1.5	1.1	2.0	1.6	1.7	1.5	2.0	1.8
67	SEETHAPATHY NH	0.0	0.4	0.4	0.4	0.6	0.2	0.3	0.1
74	DR V SRINIVAS	0.4	0.9	0.5	0.2	0.1	0.2	0.1	0.0
	OTHERS	4.0	4.1	2.3	3.9	7.1	6.3	6.7	11.5
TOTAL % CASES		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
		2305	2556	2560	2680	2901	2981	3217	3221

TABLE AI.4 : SOURCES OF REGISTRATION OF INCIDENT CASES OF CANCER.
YEAR : 1988 - 1989

INST. CODE	HOSPITAL	BHOPAL (%)	
		YEAR OF DIAGNOSIS	
		1988	1989
1	HAMIDIA	51.4	51.9
2	SULTANIA ZANANA	9.7	13.3
3	INDORE CH	3.7	1.3
4	KASTURBA	8.0	6.1
5	SAJJAD	3.7	4.0
21	TMH (BOMBAY)	5.8	7.0
22	GWALIOR CH	0.8	0.0
	DEATHS (DCO)	4.7	3.6
	OTHERS	12.2	12.8
TOTAL % CASES		100.0	100.0
		486	526

TABLE AI.5 : SOURCES OF REGISTRATION OF INCIDENT CASES OF CANCER.

YEAR : 1988 - 1989

DELHI (%)

INST. CODE	HOSPITAL	YEAR OF DIAGNOSIS	
		1988	1989
1&2	IRCH & AIIMS	21.6	16.0
3	SAFDARJUNG	20.2	25.0
6	UCMS/GTB	2.0	2.0
7	MAMC/LNJP	17.7	13.8
8	G B PANT	0.4	3.3
9	LHMC	1.4	2.3
10	COMMAND H	0.2	0.4
12	MOOL CHAND	0.7	0.8
13	HOLY FAMILY	0.9	0.5
14	GANGA RAM	3.9	5.7
15	BATRA	3.8	5.6
16	ST STEPHEN	0.8	0.5
18	RAM MANOHAR LOHIA	5.4	5.0
19	HINDU RAO	1.1	0.9
20	ESI	1.4	1.9
21	TIRATH RAM	0.2	0.3
24	TMH BOMBAY	1.5	1.8
98	HOSPITAL DEATHS (DCO)	14.0	10.9
99	OTHERS	2.8	3.3
TOTAL	% CASES	100.0 5854	100.0 6205

TABLE AI.6 : SOURCES OF REGISTRATION OF INCIDENT CASES OF CANCER.

YEAR : 1988-1989

BARSHI (%)

INST. CODE	HOSPITAL	YEAR OF DIAGNOSIS	
		1988	1989
1	CAMP	12.8	1.7
2	BARSHI C H	48.3	62.0
3	HIREMATH	1.2	1.1
10	CIVIL H & V M MED C	2.3	3.9
11	N W WADIA	7.0	1.7
12	SIDDHESHWAR	3.5	2.2
40	TMH (BOMBAY)	4.7	2.2
	DEATHS (DCO)	12.2	4.4
	OTHERS	8.0	20.8
TOTAL	% CASES	100.0 172	100.0 179

APPENDIX (II)

POPULATION ESTIMATES

The intercensal population estimates for five urban registry centres (Bangalore, Bombay, Madras, Delhi & Bhopal) have been computed by using the exponential rate growth method, based on 1981 and 1991 (provisional) censuses. Total population for 1991 (as on March 1) is available for male and female; population by 5-year age groups is not available. Exponential growth rate was computed for male and female totals. This rate was applied to 1981 census, by age and sex, for computing intercensal estimates (as on July 1) for the years 1982-1989.

BANGALORE

The Bangalore registry registers cancer cases from Bangalore Urban Agglomeration (U.A.); the area is about 191.2 square kilometers.

The Bangalore U.A. population for 1971, 1981 and 1991 censuses is as follows :

Sex	1971* (April, 1)	1981 (March, 1)	1991 (March, 1)
Male	900477	1541397	2147978
Female	787406	1380354	1938570
Totals	1687883	2921751	4086548

* Adjusted to 1981 census areas. The 1981 census includes in the Bangalore U.A. expanded areas due to urban population growth. These areas were not in 1971 census. Therefore it was necessary to adjust the population of 1971 for 1981 areas.

Bangalore U.A. population at risk by 5-year age groups & sex is estimated by using the exponential rate growth method, based on 1981 and 1991 (provisional) censuses, for the years 1982 to 1989 (as on July 1). Population estimates could not be adjusted for migrants as the population of migrants is not available.

BOMBAY

The Bombay registry registers cancer cases from Greater Bombay, covering an area of 603 square kilometers.

The Greater Bombay population for the years 1971, 1981 and 1991 (provisional) is as follows :

Sex	1971 (April, 1)	1981 (March, 1)	1991 (March, 1)
Male	3478378	4652646	5449057
Female	2492197	3590789	4460490
Totals	5966575	8243435	9909547

The population for 1982 to 1989 (as on 1st July) by age and sex was estimated by exponential rate growth method.

Migration to Greater Bombay (duration of residence less than one year). The population of migrants enumerated in 1961 and 1981 censuses is as follows :

Sex	1961	1971*	1981	1991*
Male	124067	90857	67002	51013
Female	81185	67703	56679	47802
Totals	205252	158560	123681	98815

* 1961 and 1981 censuses have enumerated and published migrants population by duration of residence less than one year, by age and sex. The 1971 census has not published migrants by duration of residence. Similarly 1991 census has not released migrants population. Therefore 1971 and 1991 migrants were estimated by age and sex by linear rate growth from 1961 & 1981 censuses.

The population at risk for Greater Bombay for the years 1982 to 1989 (as on July 1) by age and sex was adjusted

by subtracting the migrants whose duration of residence in Greater Bombay was less than one year.

MADRAS

Madras registry collects cancer cases from Madras City (Madras District). It covers an area of 170 square kilometers.

Madras City population for the years 1971, 1981 and 1991 (provisional) censuses is as follows :

	1971 *	1981	1991
Sex	(April,1)	(March,1)	(March,1)
Male	1354325	1694107	1966408
Female	1224951	1582515	1828620
Totals	2579276	3276622	3795028

* Adjusted to 1981 census areas. In 1981 census, ten towns and three villages of Saidapet Taluk of Chengalpattu District were transferred to Madras District (City). In 1971 census these areas were not included. Thus 1971 census population was adjusted for these areas.

Population at risk for Madras city for the years 1982 to 1989 (as on 1st July) was estimated by the exponential rate growth method, based on 1981 and 1991 (provisional) censuses.

Migrant population to Madras city (by duration of residence less than one year) is not available from the census department by age and sex, for 1971, 1981 and 1991 censuses. Thus population at risk could not be adjusted for the migrants.

BHOPAL

Bhopal registry collects cancer cases from the Bhopal Urban Agglomeration (U.A.). The area is about 284.90 square kilometers.

Bhopal U. A. population for the years 1971, 1981 and 1991 (provisional) censuses is as follows :

	1971 *	1981	1991
Sex	(April,1)	(March,1)	(March,1)
Male	211273	358907	561582
Female	173586	312111	502080
Totals	384859	671018	1063662

* Adjusted to 1981 census areas. The 1981 census includes the population of 21 areas which were merged in Bhopal city (M.C.) due to extension of corporation limits. These areas earlier were not included in the 1971 census. Thus it was necessary to adjust the 1971 census population for 1981 census areas.

The population at risk for Bhopal U. A. was estimated for 1986 to 1989 (as on 1st July) by age and sex by the exponential rate growth method.

Population of migrants (duration of residence is less than one year) by age and sex for Bhopal U.A. for 1971, 1981, and 1991 censuses is not published. Thus the population at risk has not been adjusted for the migrants.

DELHI

Delhi registry covers the areas of the Municipal Corporation of Delhi, New Delhi Municipal Committee and Delhi Cantonment Board Municipal Corporation for collecting cancer cases. The total area is 540.78 square kilometers.

The Delhi population for 1971, 1981 and 1991 (provisional) censuses is as follows :

	1971	1981	1991
Sex	(April,1)	(March,1)	(March,1)
Male	2257515	3440081	4574263
Female	1808183	2780325	3800925
Totals	4065698	6220406	8375188

Population at risk for 1988 and 1989 (as on 1st July) by age and sex was estimated by exponential rate growth method.

Population of migrants (duration of residence less than one year) to Delhi by age and sex for 1971, 1981 and 1991 censuses is not published. Thus the population at risk could not be adjusted for the migrants.

BARSHI (RURAL)

Principal Investigator (Mrs. K. Jayant) has made efforts to estimate the population by age and sex using the following methodology :

(1) Population by sex for each village is available for 1971 and 1981 censuses.

(2) The age, sex distribution for the tehsils covered are not separately available. The census department has given data for the rural areas of districts based on a 20% area sample in 1971 and 1981. Assuming the age, sex distribution in the rural areas of each tehsil in 1971 and 1981 to be similar to that in the rural areas of the corresponding district, exponential growth rates in each age, sex group were obtained and the required registry population has been estimated.

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1. Census of India 1971. Series 10, Madhya Pradesh, Part II, B(i) Economic Tables, pages 210-211.
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DELHI

1. Census of India 1971. Table C- IV, Single year age returns. Appendix : Distribution of persons by 5 - year age groups, pages, 209-210. Directorate of Census Operations, Delhi.
2. Census of India 1981 Delhi. Table C-5, Single age returns, pages 634-635.

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1. Census of India 1971. Series 11, Maharashtra, Part II, Table C (ii), pages 155-158.
2. Census of India 1981. Series 12, Maharashtra, Part IV A, Table C 6, page 500.

APPENDIX (III)

COMPUTATION OF INCIDENCE RATES

1. Crude Cancer Incidence Rate

Crude cancer incidence rate generally is calculated on an annual basis, for a Calendar year (1 January - 31 December). To calculate the sex and site (ICD.9) specific crude cancer incidence rate per 100 000 per year :

$$\text{Crude Cancer incidence Rate (CR)} = \frac{\text{Number of cancer cases (by sex \& site) which occurred among the population of a given geographic area during a given year}}{\text{Mid-year total population of the given geographic area during the same year, by sex}} \times 100\,000$$

2. Age-specific Cancer Incidence Rate

Cancer incidence rates specific to age, sex and site (ICD.9) are calculated in a manner similar to crude incidence rate. To calculate the age, sex and site specific incidence rate of cancer :

Specific incidence rates for cancer among males /females for ages 0-4, 5-9, 10-14,.....,70-74,75+ and for a site (ICD.9) per 100 000 per year

$$\text{Age-specific incidence Rate (ASR)} = \frac{\text{Number of cancer cases which occurred among the population of a given geographic area during a given year for a specific age, sex and site (ICD.9)}}{\text{Mid-year total population of the given geographic area during the same year, by sex and age}} \times 100\,000$$

3. Age-adjusted Incidence Rate (World Population)

The age-adjusted incidence rate is a summary measure. It is derived generally by adjusting to the standard world population age structure (as given in Table AIII.1), using number of persons for the individual 5-year age groups. It provides a widely used measure of comparison between different populations.

Age-adjustment is a statistical method which corrects for the changing age distribution of the population and allows comparisons to be made in the adjusted rates between different population sub-groups over time. To calculate the sex and site specific age-adjusted incidence rate of cancer:

Specific age-adjusted incidence rates for cancer among males /females for a site (ICD.9) per 100 000 per year

$$\text{Age-adjusted Rate (AAR)} = \frac{\sum_{i=0}^{i=75+} (\text{ASR})_i \times (\text{Number of persons in the standard world population})_i}{100\,000}$$

4. Truncated Age-adjusted Incidence Rate (World Population)

Truncated age-adjusted incidence rate is also a summary measure. It is computed in a manner similar to age-adjusted incidence rate except that it is calculated for ages 35-64 years only.

Specific truncated age-adjusted incidence rates for cancer among males /females for a site (ICD.9) per 100 000 per year

$$\text{Truncated Age-adjusted Rate (TR)} = \frac{\sum_{i=35}^{i=64} (\text{ASR})_i \times (\text{Number of persons in the standard world population})_i}{100\,000}$$

5. Cumulative Rate

The cumulative rate is a summary measure of the experience of a population over a longer time span or age-interval. It is obtained by summing up the annual age-specific incidence rates for each year in the defined age interval.

The cumulative rates have been computed for children aged 0-14, for young adults aged 15-34, for mature adults aged 35-69 and life time cumulative rates for ages 0-64 years or 0-74 years.

The cumulative rate between birth to age 74 (0-74) years, inclusive, for specific sex and site (ICD.9), is computed as follows :

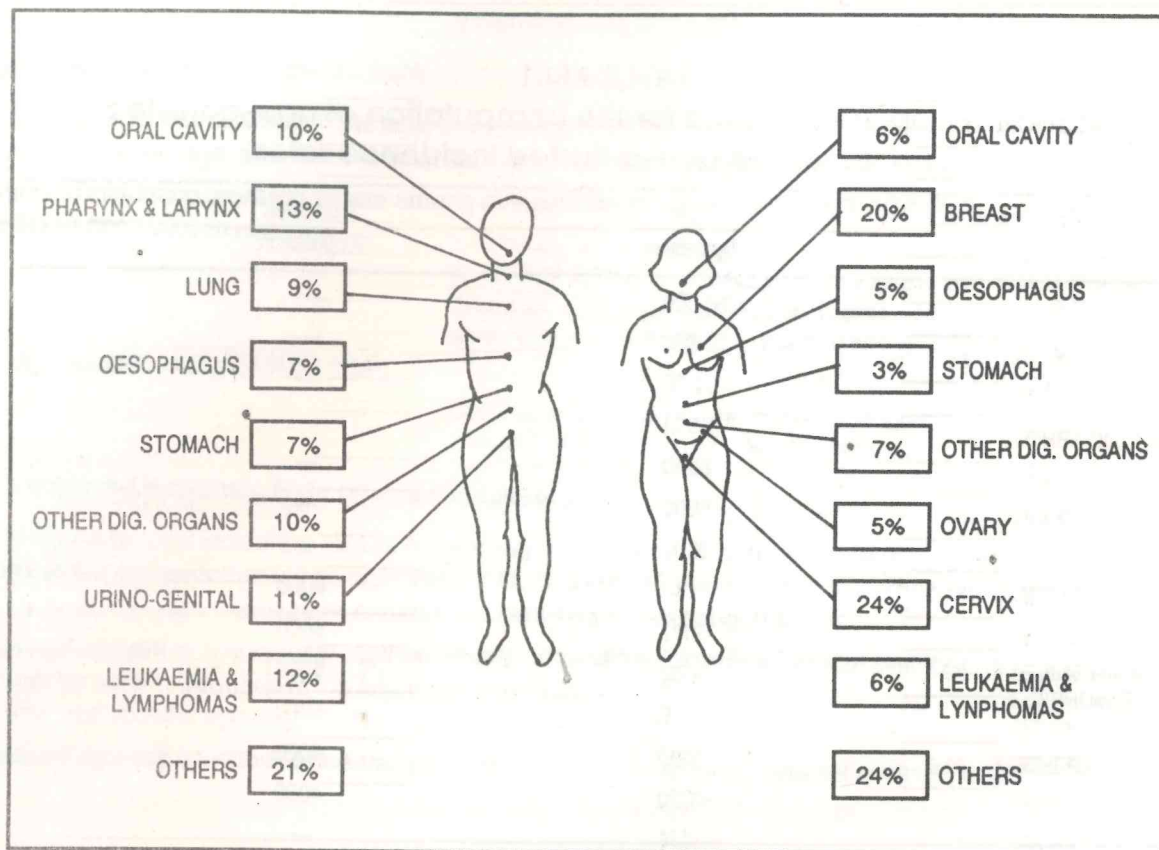
$$\text{Cumulative rate} = \frac{5 \times \sum_{i=0}^{i=74} (\text{ASR})_i \times 100}{100\,000}$$

TABLE AIII.1
Standard populations used for the computation of age-adjusted and truncated age-adjusted incidence rates

Age-Group (Years)	World Population	Truncated Population
0-4	12 000	—
5-9	10 000	—
10-14	9000	—
15-19	9000	—
20-24	8000	—
25-29	8000	—
30-34	6000	—
35-39	6000	6000
40-44	6000	6000
45-49	6000	6000
50-54	5000	5000
55-59	4000	4000
60-64	4000	4000
65-69	3000	—
70-74	2000	—
75+	2000	—
Total	100 000	31 000

SOURCE : CANCER INCIDENCE IN FIVE CONTINENTS, VOLUME V, 1987.

CANCER INCIDENCE BY SITE AND SEX



(Estimates based on crude incidence rates for Bangalore, Bombay, Madras and Delhi, 1989)

4. INDIVIDUAL REGISTRY DATA FOR 1988 AND 1989

NATIONAL CANCER REGISTRY PROGRAMME

POPULATION-BASED CANCER REGISTRY

BANGALORE

BOMBAY

MADRAS

DELHI

BHOPAL

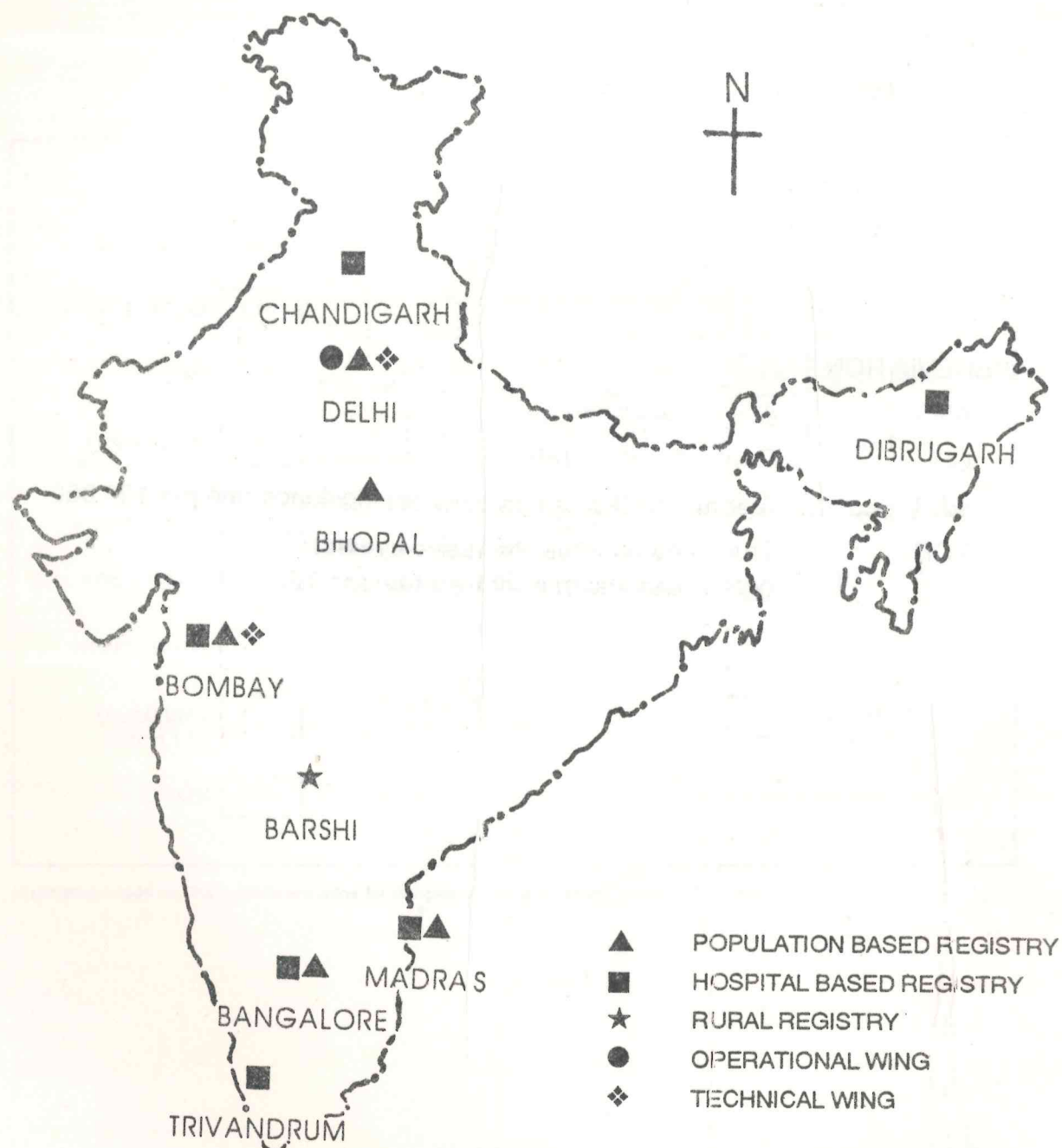
BARSHI

ABBREVIATIONS

ANS	:	Age not specified
CR	:	Crude incidence rate
AAR	:	Age-adjusted (world population) incidence rate per 100,000
TCR	:	Truncated age-adjusted (35-64 years) (world population) incidence rate per 100,000

NATIONAL CANCER REGISTRY PROGRAMME

(Indian Council of Medical Research)



NATIONAL CANCER REGISTRY PROGRAMME

The National Cancer Registry Programme (NCRP) was established in 1981-82 by the Indian Council of Medical Research (ICMR) to provide information for the National Cancer Control Programme in India. A need therefore was recognised for organisation of cancer registries in different regions of the country and strengthening the existing cancer registry at Bombay. The principal objectives of NCRP are (1) to generate authentic data on the magnitude of the cancer problem, (2) to undertake epidemiological investigations and advice control measures and (3) to develop human resources for research in cancer epidemiology.

The original network of NCRP consisted of three population-based cancer registries at Bangalore, Bombay and Madras and three hospital cancer registries in Chandigarh, Dibrugarh and Trivandrum. Later on, hospital cancer registries at Bangalore, Bombay and Madras were strengthened. The network was subsequently expanded by addition of three population-based cancer registries—one each at Delhi and Bhopal and a rural registry at Barshi (Maharashtra). The data provided by these three additional PBCRs is also reported in this volume.

The Coordinating Unit (Operational Wing (Delhi) and Technical Wing (Bombay and Delhi) has been co-ordinating the functioning of NCRP. There is a National Steering Committee which is evaluating the NCRP since its inception. The World Health Organisation has been assisting the NCRP by providing short term consultants. They give their technical advice to the co-ordinating unit and the registries. Review meetings for NCRP are held every year in different parts of the country where Registry Chiefs, staff of the registries, and of Operational and Technical Wings, Steering Committee members and WHO consultants are present and registries data and results are discussed. Training programmes are also organised along with the Annual Review Meetings for upgrading of the skills of the registry personnels.

The National Cancer Registry Programme is a long term activity. Thus the ICMR has continued to make adequate financial provision for these activities. India is known for diversity of its populations and in order to widen coverage of populations overtime, the Scientific Advisory Board (March, 1988) of ICMR decided a deescalating funding policy and to shift financial responsibilities in a phased manner to local authorities keeping technical co-ordination under its control. Accordingly, a new registry was given full assistance by ICMR for the first five years of its operation with a reduction of 25% every five years ensuring that the local authorities will fill-up this gap. It is stipulated that local authorities will bear full financial responsibility at the end of 20 years under continuing technical supervision by ICMR. Registries which have already completed five years of operation have willingly accepted financial responsibilities.

Map of India shows the location of these 12 registries, six PBCRs and six HCRs, operational and technical wings.

Separate core proformas are in use since January 1, 1984 for PBCRs and HCRs for collecting data uniformly on cancer patients.

Cancer registry operation in India is active in the sense that registry staff regularly have to go to original sources and often have to interview cancer patients to elicit the desired information.

Cases are registered from the main cancer hospital, other general hospitals, and private

nursing homes. Death certificates are also scrutinised. The information for each individual case has to be collected on a core proforma. Each registry is required to register a cancer patient in its registration area of coverage, resident in the area, and copy all death certificates on which cancer is mentioned of residents dying within or outside the area. The population-based registries use a common definition of "resident" of their areas for registration purposes—persons who have been living in the defined area for one year or more.

The registries are required to report all malignant neoplasms coded to ICD-9 (topography) and ICD-O (morphology). They are also required to collect information about the extent of disease, diagnostic procedures, the treatment at the first reporting institution and the date and cause of death. Each registry is required to consolidate all data concerning an individual cancer case, eliminating duplicate information, into one record. These records are entered into MSDOS compatible floppy disks. One set of floppy disks are transmitted to Technical Wings for quality control checks, statistical analysis and technical report preparation.

Most of the technical work is being carried out at the Technical Wings (Delhi and Bombay) on computers. Quality control measures of the registries data form an integral part of the NCRP in order to ensure the reliability of the data on incidence of cancer. They include internal consistency checks as well as personal visits by senior staff of Technical Wings and include random independent checks with the original sources.

Periodic visits are made by the Steering Committee members, senior staff of the operational and technical wings for mid-term review of the working of the different registries.

In order to improve the estimate of the denominator-populations, an expert from the International Institute of Population Sciences was consulted.

The NCRP has provided data on the size of the cancer problem in India. This has led the Government of India to launch a National Cancer Control Programme in 1984. The NCRP will be evaluating the impact of this control programme in course of time.

BANGALORE

The Bangalore population-based cancer registry was established at the Kidwai Memorial Institute of Oncology (KMIO) in the year 1981 as a joint programme with the Indian Council of Medical Research, and regular compilation of data began from January 1, 1982.

Bangalore, an urban agglomerate, is the capital of Karnataka State in the South of India, occupying an area of 191.2 square kilometers. It is situated at latitude 12°58'N and longitude 77°38'E. It has an altitude of 914.4 meters above sea level. Estimated population of Bangalore, as on July 1 1989, is 3.86 million persons (males : 2.03 millions, females : 1.83 millions).

Most of the educational and medical services have been concentrated in this area for a number of years. With 185 hospitals and nursing homes and 1285 general practitioners, the city has better medical facilities than the other regions. The KMIO was established in 1973 by the Karnataka State Government. It has 190 beds for cancer patients only and provides cobalt-60 teletherapy treatment. Most of the cancer patients in Bangalore are diagnosed and confirmed pathologically at KMIO.

The data are essentially provided by the KMIO; clinically diagnosed and other confirmed cases are also obtained from various other hospitals and nursing homes in the city. Additional information for cancer cases is provided by ten corporation units including one main unit for death certificates.

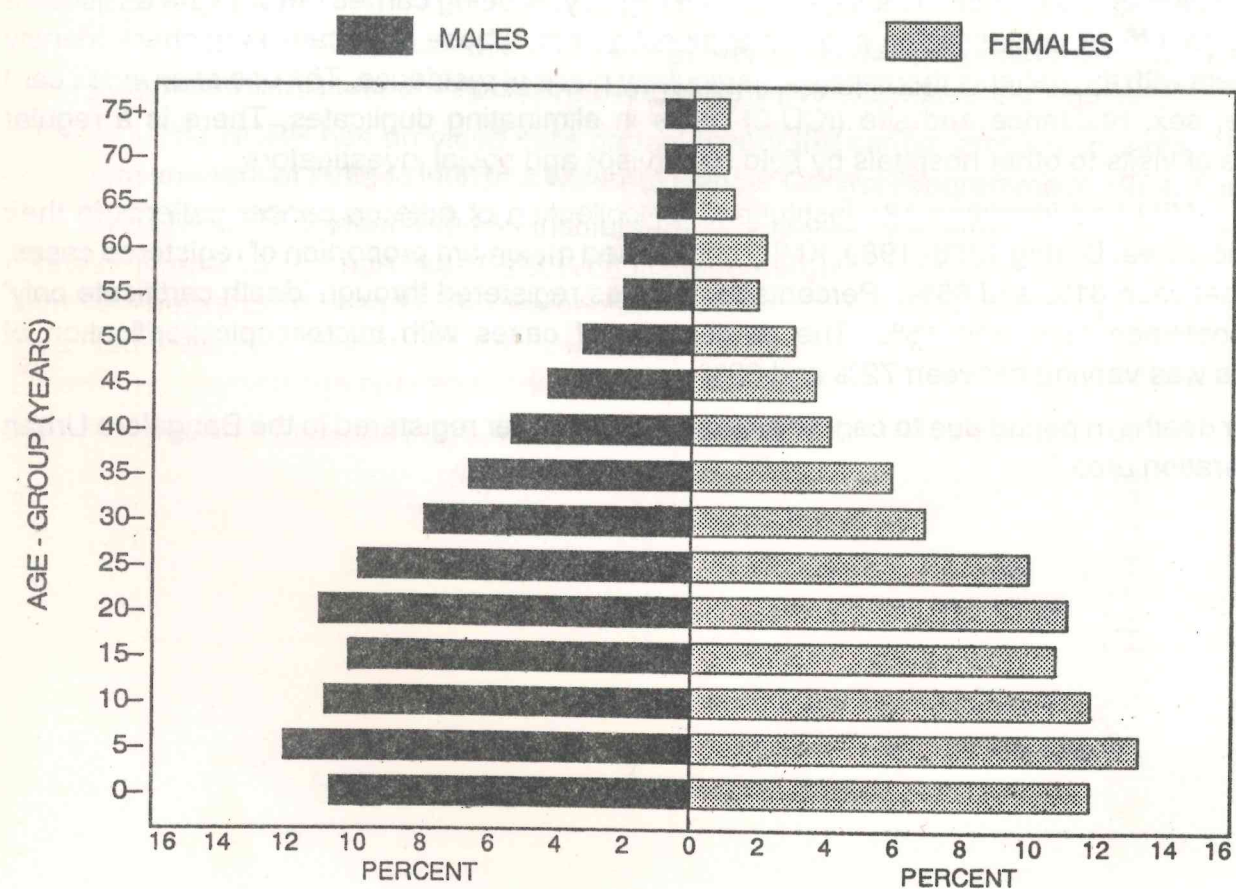
Collection of data, since the inception of the registry, is being carried out with the assistance of a medical officer, a statistician and social investigators, whose main task is to check identity parameters with the patients themselves, particularly place of residence. The use of an index card by name, sex, residence and site (ICD-9) helps in eliminating duplicates. There is a regular timetable of visits to other hospitals by field supervisor and social investigators.

The KMIO had identified 185 institutions for collection of data on cancer patients in their registration area. During 1988-1989, KMIO contributed maximum proportion of registered cases, varying between 61% and 65%. Percentage of cases registered through 'death certificate only' varying between 10% and 15%. The percentage of cases with microscopic verification of diagnosis was varying between 72% and 82%.

The deaths in period due to cancer are seem to be under registered in the Bangalore Urban Agglomeration area.

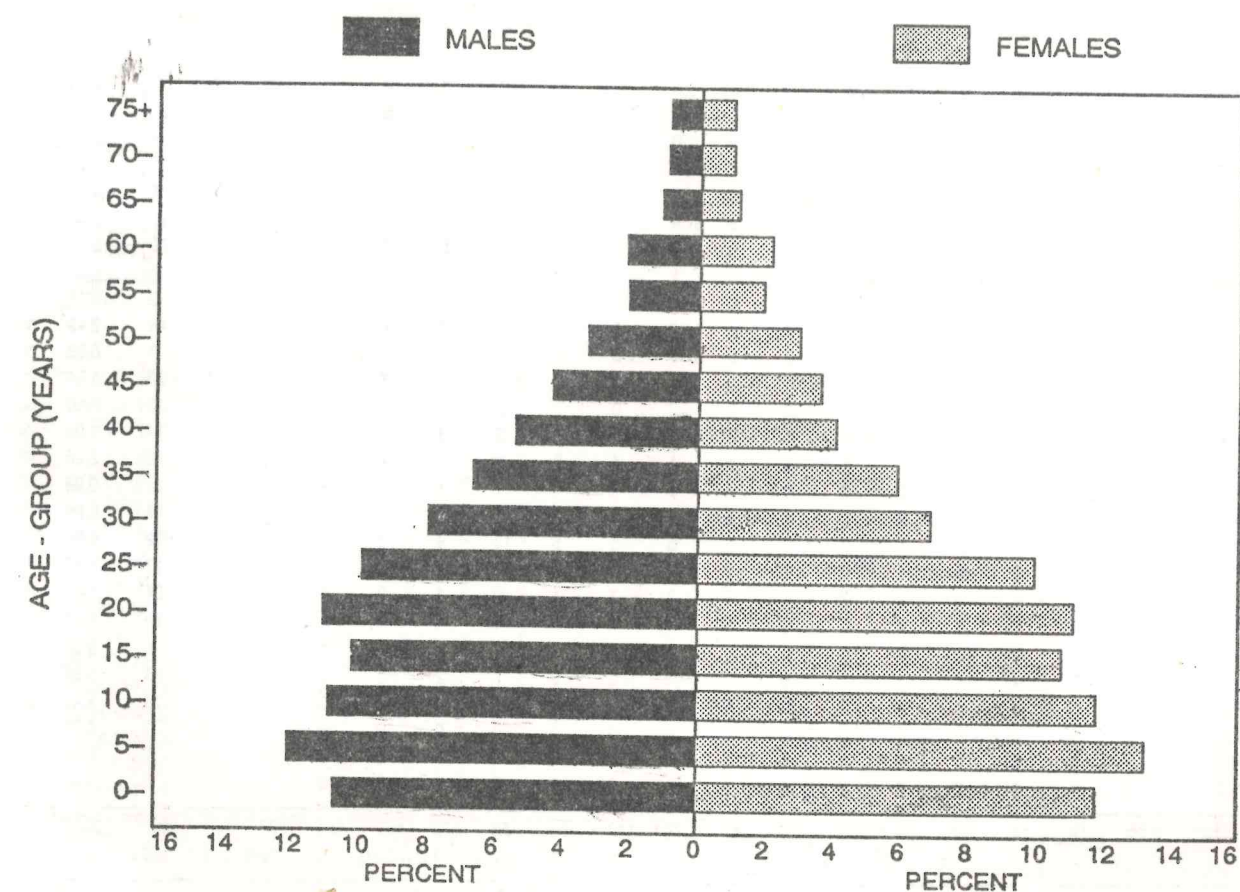
ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1988 IN BANGALORE
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	211015.0	10.73	208947.0	11.80	419962.0	11.24
5-9	238271.0	12.12	234693.0	13.25	472964.0	12.66
10-14	214727.0	10.92	209906.0	11.85	424633.0	11.36
15-19	201454.0	10.25	190815.0	10.78	392269.0	10.50
20-24	218112.0	11.09	197703.0	11.17	415815.0	11.13
25-29	195505.0	9.94	177109.0	10.00	372614.0	9.97
30-34	157087.0	7.99	122473.0	6.92	279560.0	7.48
35-39	131760.0	6.70	105573.0	5.96	237333.0	6.35
40-44	106618.0	5.42	73138.0	4.13	179756.0	4.81
45-49	85734.0	4.36	64849.0	3.66	150583.0	4.03
50-54	64940.0	3.30	54053.0	3.05	118993.0	3.18
55-59	41564.0	2.11	34724.0	1.96	76288.0	2.04
60-64	41058.0	2.09	38889.0	2.20	79947.0	2.14
65-69	21993.0	1.12	21605.0	1.22	43598.0	1.17
70-74	17807.0	0.91	17745.0	1.00	35552.0	0.95
75 +	18428.0	0.94	18503.0	1.04	36931.0	0.99
TOTAL	1966073.0	100.00	1770725.0	100.00	3736798.0	100.00



ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1989 IN BANGALORE
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	218135.0	10.73	216165.0	11.80	434300.0	11.24
5-9	246310.0	12.12	242800.0	13.25	489110.0	12.66
10-14	221972.0	10.92	217157.0	11.85	439129.0	11.36
15-19	208251.0	10.25	197406.0	10.78	405657.0	10.50
20-24	225471.0	11.09	204533.0	11.17	430004.0	11.13
25-29	202101.0	9.94	183227.0	10.00	385328.0	9.97
30-34	162387.0	7.99	126704.0	6.92	289091.0	7.48
35-39	136206.0	6.70	109220.0	5.96	245426.0	6.35
40-44	110215.0	5.42	75665.0	4.13	185880.0	4.81
45-49	88627.0	4.36	67090.0	3.66	155717.0	4.03
50-54	67131.0	3.30	55920.0	3.05	123051.0	3.18
55-59	42966.0	2.11	35923.0	1.96	78889.0	2.04
60-64	42443.0	2.09	40232.0	2.20	82675.0	2.14
65-69	22735.0	1.12	22352.0	1.22	45087.0	1.17
70-74	18408.0	0.91	18358.0	1.00	36766.0	0.95
75 +	19050.0	0.94	19142.0	1.04	38192.0	0.99
TOTAL	2032408.0	100.00	1831894.0	100.00	3864302.0	100.00



POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Males Year : 1988
NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.08
141 TONGUE	0	0	0	0	0	0	0	2	1	6	7	4	2	4	2	4	0	32	2.49
142 SALIVARY G	0	0	0	0	0	0	0	0	0	0	5	0	0	2	0	0	0	7	0.54
143 GUM	0	0	0	0	0	0	1	0	1	0	2	1	3	0	1	2	0	11	0.85
144 FLOOR OF M	0	0	0	1	0	0	0	0	1	2	0	1	2	0	0	0	0	7	0.54
145 OTHER MOUT	0	0	1	0	0	1	0	1	5	2	4	2	3	1	2	2	0	24	1.86
146 OROPHARYNX	0	0	0	0	0	1	0	0	1	2	5	5	5	4	2	1	0	26	2.02
147 NASOPHARYN	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	3	0.23
148 HYPOPHARYN	0	0	0	0	0	0	2	3	2	5	9	9	19	12	8	6	0	75	5.83
149 PHARYNX ET	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	2	0	6	0.47
150 OESOPHAGUS	0	0	0	0	2	0	1	1	4	5	22	18	10	18	8	13	0	102	7.93
151 STOMACH	0	0	0	0	0	2	6	4	7	18	18	19	21	21	16	14	0	146	11.34
152 SMALL INTE	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	3	0.23
153 COLON	0	1	0	0	3	1	1	1	5	4	1	2	3	6	3	0	0	31	2.41
154 RECTUM	0	0	0	0	0	1	2	2	1	2	5	5	0	7	6	6	0	37	2.87
155 LIVER	0	0	0	0	0	0	2	2	3	1	6	5	6	2	1	4	0	32	2.49
156 GALL BALDD	0	0	0	0	0	0	0	1	0	1	0	1	1	1	0	0	0	5	0.39
157 PANCREAS	0	0	0	0	0	0	0	1	2	1	3	3	3	6	0	4	0	23	1.79
158 RETROPERIT	1	0	0	1	0	1	0	0	1	0	5	0	0	1	0	0	0	10	0.78
159 OTHER DIS	0	0	0	0	0	0	0	1	3	0	0	3	3	1	0	1	0	12	0.93
160 NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	2	0	6	0.47
161 LARYNX	0	0	0	0	0	1	0	1	0	5	4	7	9	7	6	4	0	44	3.42
162 LUNG	0	0	0	0	0	0	0	1	5	10	12	17	23	22	18	8	0	116	9.01
163 PLEURA	0	0	0	0	0	0	0	0	0	0	2	1	0	1	1	0	0	5	0.39
164 THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.08
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	1	1	4	3	3	0	0	0	1	2	0	1	1	1	2	0	20	1.55
171 CONNECTIVE	0	0	1	0	0	1	0	1	1	0	0	0	2	1	1	0	0	8	0.62
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173 SKIN OTHER	0	0	0	0	0	0	0	1	3	5	2	5	5	5	0	1	0	27	2.10
175 BREAST MAL	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	4	0.31
185 PROSTATE	0	0	0	0	0	0	0	0	0	1	1	1	6	5	7	24	0	45	3.50
186 TESTIS	2	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	6	0.47
187 PENIS ETC	0	0	0	0	0	0	2	2	4	3	1	5	1	3	2	3	0	26	2.02
188 URI BLADDE	0	0	0	0	0	0	1	3	4	4	3	9	5	3	2	4	1	39	3.03
189 KIDNEY	1	0	0	0	0	0	0	0	1	5	0	0	0	1	0	0	0	8	0.62
190 EYE	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.16
191 BRAIN	4	2	1	1	0	1	2	4	6	1	6	4	2	4	3	3	0	44	3.42
192 NERVOUS SY	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.08
193 THYROID GL	0	0	0	0	0	0	2	0	1	3	0	1	0	3	1	2	0	13	1.01
194 OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195 ILL DEF SI	0	1	0	0	3	0	1	0	1	1	1	2	3	0	0	1	0	14	1.09
196 SEC LYMPH	2	0	0	0	0	0	1	0	1	4	3	2	8	2	3	3	0	29	2.25
197 SEC RES ET	1	1	0	0	0	0	0	1	0	1	1	1	2	0	3	1	0	12	0.93
198 SEC OTHER	0	0	0	0	0	0	1	0	2	1	4	1	0	1	0	1	0	11	0.85
199 PRIM UNK	1	1	0	2	1	2	3	3	5	5	6	13	9	13	12	12	0	88	6.84
200 LYMPHOSARC	0	0	0	0	1	0	2	1	0	2	3	3	1	2	2	0	0	17	1.32
201 HODGKINS D	0	1	3	3	2	2	1	5	2	3	1	0	1	0	0	0	0	24	1.86
202 OTH LYMPHO	2	1	1	1	4	0	0	3	1	3	3	3	4	3	1	5	0	35	2.72
203 MULT MYELO	0	0	0	0	0	0	0	0	2	0	1	0	0	0	1	0	0	4	0.31
204 LEUK LYMPH	5	6	4	4	1	1	0	0	1	0	0	0	2	0	0	0	0	24	1.86
205 LEUK MYELO	2	0	2	1	2	2	2	1	2	2	2	0	0	0	0	0	0	18	1.40
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH S	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.08
208 LEUK UNS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	2	0.16
TOTAL	22	16	14	19	24	23	35	47	79	111	153	156	170	167	113	137	1	1287	100.00
%	1.7	1.2	1.1	1.5	1.9	1.8	2.7	3.7	6.1	8.6	11.9	12.1	13.2	13.0	8.8	10.6	0.1	100.0	

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Females Year : 1988
NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	0.14
141 TONGUE	0	0	0	0	0	0	1	0	1	1	1	1	1	3	1	1	0	11	0.77
142 SALIVARY G	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	3	0.21
143 GUM	0	0	0	0	0	0	0	0	1	2	2	1	4	4	2	0	0	16	1.12
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145 OTHER MOUT	0	0	0	0	0	0	3	6	11	11	14	10	14	12	7	6	0	94	6.57
146 OROPHARYNX	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	4	0.28
147 NASOPHARYN	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	4	0.28
148 HYPOPHARYN	0	0	0	0	0	1	1	1	2	2	2	0	3	3	1	0	0	16	1.12
149 PHARYNX ET	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3	0.21
150 OESOPHAGUS	0	0	0	0	1	0	0	5	6	9	11	11	10	11	8	7	0	79	5.52
151 STOMACH	0	0	0	0	1	1	3	4	6	8	6	10	8	9	2	6	0	64	4.47
152 SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.07
153 COLON	0	0	0	0	0	1	0	1	3	3	4	5	1	2	2	2	0	24	1.68
154 RECTUM	0	0	0	0	0	1	1	5	2	5	5	8	5	3	1	2	0	38	2.66
155 LIVER	0	0	0	0	0	1	0	1	1	2	2	3	1	1	2	1	0	15	1.05
156 GALL BALDD	0	0	0	0	0	0	0	1	2	1	1	1	0	0	0	2	0	8	0.56
157 PANCREAS	0	0	0	0	0	0	0	0	0	0	0	3	2	0	0	0	0	7	0.49
158 RETROPERIT	0	0	1	0	0	0	2	1	1	0	2	0	1	1	0	0	0	9	0.63
159 OTHER DIS	0	0	0	0	1	0	2	0	1	0	0	1	4	0	1	0	0	10	0.70
160 NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	1	0	2	2	0	0	5	0.35
161 LARYNX	0	0	0	0	0	0	0	0	2	1	1	0	0	1	0	0	1	6	0.42
162 LUNG	0	0	0	0	1	1	0	0	2	1	3	1	3	1	2	1	0	16	1.12
163 PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0.14
164 THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.07
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	2	0	4	2	2	0	0	1	1	0	0	1	0	1	0	0	14	0.98
171 CONNECTIVE	0	1	0	0	0	0	0	1	2	1	2	0	0	0	0	0	0	7	0.49
172 SKIN MELAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	0.14
173 SKIN OTHER	0	0	0	0	0	0	0	0	3	4	1	4	2	3	1	7	1	26	1.82

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.1	0.1	0.0
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.9	7.0	10.8	9.6	4.9	18.2	11.2	21.7	1.6	2.9	5.4
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.7	0.0	0.0	9.1	0.0	0.0	0.4	0.7	1.2
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	0.0	3.1	2.4	7.3	0.0	5.6	10.9	0.6	1.0	1.9
144 FLOOR OF	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.9	2.3	0.0	2.4	4.9	0.0	0.0	0.0	0.4	0.5	1.6
145 OTHER MO	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.8	4.7	2.3	6.2	4.8	7.3	4.5	11.2	10.9	1.2	1.9	4.1
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.9	2.3	7.7	12.0	12.2	18.2	11.2	5.4	1.3	2.5	5.0
147 NASOPHAR	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.3	1.9	5.8	13.9	21.7	46.3	54.6	44.9	32.6	3.8	7.3	12.9
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.9	4.5	0.0	10.9	0.3	0.6	0.9
150 OESOPHAG	0.0	0.0	0.0	0.0	0.9	0.0	0.6	0.8	3.8	5.8	33.9	43.3	24.4	81.8	44.9	70.5	5.2	9.9	16.2
151 STOMACH	0.0	0.0	0.0	0.0	0.0	1.0	3.8	3.0	6.6	21.0	27.7	45.7	51.1	95.5	89.9	76.0	7.4	13.6	22.9
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.2	1.5	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5
153 COLON	0.0	0.4	0.0	0.0	1.4	0.5	0.6	0.8	4.7	4.7	1.5	4.8	7.3	27.3	16.8	0.0	1.6	2.6	3.8
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.5	1.3	1.5	0.9	2.3	7.7	12.0	0.0	31.8	33.7	32.6	1.9	3.6	3.7
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.5	2.8	1.2	9.2	12.0	14.6	9.1	5.6	21.7	1.6	2.8	6.0
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	0.0	2.4	4.5	0.0	0.0	0.3	0.4	1.0	1.0
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.9	1.2	4.6	7.2	7.3	27.3	0.0	21.7	1.2	2.3	3.4
158 RETROPER	0.5	0.0	0.0	0.5	0.0	0.5	0.0	0.0	0.9	0.0	7.7	0.0	0.0	4.5	0.0	0.0	0.5	0.7	1.4
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.8	0.0	0.0	7.2	7.3	4.5	0.0	5.4	0.6	1.0	2.6
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.9	4.5	0.0	10.9	0.3	0.6	0.9
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	5.8	6.2	16.8	21.9	31.8	33.7	21.7	2.2	4.4	7.3
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.7	11.7	18.5	40.9	56.0	100.0	101.1	43.4			

ICD-9	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140	LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	5.4	0.1	0.2	0.4
141	TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.4	1.5	1.9	2.9	2.6	13.9	5.6	5.4	0.6	1.2	1.6
142	SALIVARY	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	1.9	0.0	2.6	0.0	0.0	0.0	0.2	0.2	0.6
143	GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	3.1	3.7	2.9	10.3	18.5	11.3	0.0	0.9	1.8	3.2
144	FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145	OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	2.4	5.7	15.0	17.0	25.9	28.8	36.0	55.5	39.4	32.4	5.3	9.4	19.8
146	OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.5	0.0	0.0	0.0	9.3	0.0	0.0	0.2	0.5	0.6
147	NASOPHAR	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	0.0	0.0	2.9	2.6	0.0	0.0	0.0	0.2	0.3	0.7
148	HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.9	2.7	3.1	3.7	0.0	7.7	13.9	5.6	0.0	0.9	1.5	2.9
149	PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.9	0.0	0.0	5.6	0.0	0.2	0.3	0.7
150	OESOPHAG	0.0	0.0	0.0	0.0	0.5	0.0	0.0	4.7	8.2	13.9	20.4	31.7	25.7	50.9	45.1	37.8	4.5	8.1	15.9
151	STOMACH	0.0	0.0	0.0	0.0	0.5	0.6	2.4	3.8	8.2	12.3	11.1	28.8	20.6	41.7	11.3	32.4	3.6	6.3	12.9
152	SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.1	0.1	0.0
153	COLON	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	4.1	4.6	7.4	14.4	2.6	9.3	11.3	10.8	1.4	2.4	5.3
154	RECTUM	0.0	0.0	0.0	0.0	0.0	0.6	0.8	4.7	2.7	7.7	9.3	23.0	12.9	13.9	5.6	10.8	2.1	3.6	9.1
155	LIVER	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	1.4	3.1	3.7	8.6	2.6	4.6	11.3	5.4	0.8	1.5	3.1
156	GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.7	1.5	1.9	2.9	0.0	0.0	0.0	10.8	0.5	0.7	1.7
157	PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.6	3.7	0.0	5.1	0.0	0.0	0.0	0.4	0.7	2.2
158	RETROPER	0.0	0.0	0.5	0.0	0.0	0.0	1.6	0.9	1.4	0.0	3.7	0.0	2.6	4.6	0.0	0.0	0.5	0.7	1.4
159	OTHER DI	0.0	0.0	0.0	0.0	0.5	0.0	1.6	0.0	1.4	0.0	0.0	2.9	10.3	0.0	5.6	0.0	0.6	0.9	2.0
160	NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	5.8	5.1	0.0	0.0	0.0	0.3	0.5	1.7
161	LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.4	1.5	0.0	0.0	2.6	0.0	0.0	5.4	0.3	0.5	1.3
162	LUNG	0.0	0.0	0.0	0.0	0														

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Males Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.00	0.00	0.00
141	TONGUE	0.00	0.00	0.26	0.17	0.32
142	SALIVARY GLANDS	0.00	0.00	0.08	0.04	0.08
143	GUM	0.00	0.00	0.07	0.07	0.10
144	FLOOR OF MOUTH	0.00	0.00	0.05	0.06	0.06
145	OTHER MOUTH	0.00	0.00	0.15	0.14	0.21
146	OROPHARYNX	0.00	0.00	0.27	0.18	0.33
147	NASOPHARYNX	0.00	0.01	0.01	0.01	0.01
148	HYPOPHARYNX	0.00	0.01	0.73	0.46	0.96
149	PHARYNX ETC	0.00	0.00	0.06	0.04	0.06
150	OESOPHAGUS	0.00	0.01	0.96	0.57	1.19
151	STOMACH	0.00	0.02	1.25	0.80	1.71
152	SMALL INTESTINE	0.00	0.00	0.01	0.02	0.02
153	COLON	0.00	0.01	0.25	0.13	0.35
154	RECTUM	0.00	0.01	0.28	0.13	0.46
155	LIVER	0.00	0.01	0.25	0.21	0.29
156	GALL BALDDER	0.00	0.00	0.06	0.03	0.06
157	PANCREAS	0.00	0.00	0.25	0.11	0.25
158	RETROPERITONEUM	0.00	0.01	0.07	0.05	0.07
159	OTHER DIS SYS	0.00	0.00	0.11	0.09	0.11
160	NASAL CAVITY	0.00	0.00	0.06	0.04	0.06
161	LARYNX	0.00	0.00	0.42	0.26	0.59
162	LUNG	0.00	0.00	1.16	0.66	1.65
163	PLEURA	0.00	0.00	0.05	0.03	0.08
164	THYMUS	0.00	0.00	0.02	0.00	0.02
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.02	0.06	0.06	0.11
171	CONNECTIVE TISS	0.00	0.00	0.06	0.04	0.09
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.00	0.30	0.18	0.30
175	BREAST MALE	0.00	0.00	0.05	0.03	0.05
185	PROSTATE	0.00	0.00	0.21	0.10	0.41
186	TESTIS	0.00	0.01	0.00	0.02	0.02
187	PENIS ETC	0.00	0.01	0.19	0.13	0.25
188	URI BLADDER	0.00	0.00	0.31	0.25	0.37
189	KIDNEY	0.00	0.00	0.06	0.04	0.06
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.02	0.01	0.26	0.20	0.37
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.01
193	THYROID GLAND	0.00	0.01	0.10	0.04	0.14
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.01	0.08	0.09	0.09
196	SEC LYMPH NODES	0.00	0.00	0.22	0.18	0.31
197	SEC RES ETC	0.00	0.00	0.05	0.06	0.14
198	SEC OTHER	0.00	0.00	0.08	0.06	0.08
199	PRIM UNK	0.00	0.02	0.67	0.40	1.03
200	LYMPHOSARCOMA	0.00	0.01	0.13	0.10	0.20
201	HODGKINS DIS	0.01	0.02	0.07	0.10	0.10
202	OTH LYMPHOMA	0.01	0.01	0.21	0.16	0.26
203	MULT MYELOMA	0.00	0.00	0.02	0.02	0.05
204	LEUK LYMPHATIC	0.03	0.01	0.03	0.08	0.08
205	LEUK MYELOID	0.01	0.02	0.04	0.07	0.07
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.00	0.00	0.00
ALL SITES		0.12	0.27	9.62	6.49	12.45

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Females Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.01	0.01	0.01
141	TONGUE	0.00	0.00	0.12	0.06	0.15
142	SALIVARY GLANDS	0.00	0.00	0.02	0.02	0.02
143	GUM	0.00	0.00	0.20	0.11	0.26
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.01	0.92	0.65	1.12
146	OROPHARYNX	0.00	0.00	0.06	0.01	0.06
147	NASOPHARYNX	0.00	0.01	0.03	0.03	0.03
148	HYPOPHARYNX	0.00	0.01	0.16	0.10	0.20
149	PHARYNX ETC	0.00	0.00	0.02	0.02	0.05
150	OESOPHAGUS	0.00	0.00	0.77	0.52	1.00
151	STOMACH	0.00	0.02	0.63	0.44	0.70
152	SMALL INTESTINE	0.00	0.00	0.02	0.00	0.02
153	COLON	0.00	0.00	0.22	0.17	0.28
154	RECTUM	0.00	0.01	0.37	0.31	0.41
155	LIVER	0.00	0.00	0.12	0.10	0.18
156	GALL BALDDER	0.00	0.00	0.05	0.05	0.05
157	PANCREAS	0.00	0.00	0.07	0.07	0.07
158	RETROPERITONEUM	0.00	0.01	0.07	0.05	0.08
159	OTHER DIS SYS	0.00	0.01	0.07	0.08	0.11
160	NASAL CAVITY	0.00	0.00	0.06	0.06	0.06
161	LARYNX	0.00	0.00	0.04	0.04	0.04
162	LUNG	0.00	0.01	0.13	0.11	0.19
163	PLEURA	0.00	0.00	0.03	0.03	0.03
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.02	0.03	0.05	0.08
171	CONNECTIVE TISS	0.00	0.00	0.04	0.05	0.05
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.03
173	SKIN OTHER	0.00	0.00	0.18	0.15	0.37
174	BREAST FEM	0.00	0.08	1.79	1.61	2.25
179	UTERINE UNS	0.00	0.00	0.01	0.01	0.01
180	CERVIX UTERI	0.00	0.09	3.15	2.68	3.49
181	PLACENTA	0.00	0.00	0.00	0.00	0.00
182	BODY UTERUS	0.00	0.01	0.09	0.05	0.13
183	OVARY	0.00	0.04	0.41	0.40	0.48
184	VAGINA	0.00	0.01	0.13	0.12	0.28
188	URI BLADDER	0.00	0.00	0.08	0.08	0.08
189	KIDNEY	0.00	0.00	0.03	0.03	0.06
190	EYE	0.01	0.00	0.00	0.01	0.04
191	BRAIN	0.01	0.01	0.07	0.09	0.09
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.01
193	THYROID GLAND	0.00	0.02	0.28	0.25	0.38
194	OTH ENDO GLANDS	0.00	0.00	0.01	0.01	0.01
195	ILL DEF SITES	0.00	0.01	0.09	0.05	0.10
196	SEC LYMPH NODES	0.00	0.01	0.06	0.07	0.10
197	SEC RES ETC	0.00	0.01	0.07	0.05	0.10
198	SEC OTHER	0.00	0.00	0.10	0.08	0.10
199	PRIM UNK	0.00	0.03	0.77	0.69	0.92
200	LYMPHOSARCOMA	0.00	0.00	0.04	0.02	0.04
201	HODGKINS DIS	0.00	0.02	0.05	0.07	0.09
202	OTH LYMPHOMA	0.00	0.01	0.04	0.05	0.08
203	MULT MYELOMA	0.00	0.00	0.07	0.05	0.07
204	LEUK LYMPHATIC	0.01	0.00	0.03	0.02	0.04
205	LEUK MYELOID	0.01	0.02	0.19	0.21	0.21
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.01	0.01	0.01
208	LEUK UNS	0.00	0.00	0.06	0.05	0.07
ALL SITES		0.08	0.47	11.44	9.65	13.46

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Males Year : 1988
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
141	TONGUE	29	90.63	0	0.00	3	9.38	0	0.00	0	0.00	32	100.00
142	SALIVARY GLANDS	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
143	GUM	10	90.91	0	0.00	0	0.00	0	0.00	1	9.09	11	100.00
144	FLOOR OF MOUTH	5	71.43	0	0.00	2	28.57	0	0.00	0	0.00	7	100.00
145	OTHER MOUTH	21	87.50	0	0.00	3	12.50	0	0.00	0	0.00	24	100.00
146	OROPHARYNX	26	100.00	0	0.00	0	0.00	0	0.00	0	0.00	26	100.00
147	NASOPHARYNX	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
148	HYPOPHARYNX	64	85.33	1	1.33	10	13.33	0	0.00	0	0.00	75	100.00
149	PHARYNX ETC	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
150	OESOPHAGUS	73	71.57	16	15.69	5	4.90	0	0.00	8	7.84	102	100.00
151	STOMACH	101	69.18	6	4.11	18	12.33	4	2.74	17	11.64	146	100.00
152	SMALL INTESTINE	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
153	COLON	23	74.19	2	6.45	4	12.90	0	0.00	2	6.45	31	100.00
154	RECTUM	30	81.08	2	5.41	4	10.81	0	0.00	1	2.70	37	100.00
155	LIVER	21	65.63	0	0.00	2	6.25	0	0.00	9	28.13	32	100.00
156	GALL BLADDER	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
157	PANCREAS	7	30.43	4	17.39	2	8.70	0	0.00	10	43.48	23	100.00
158	RETROPERITONEUM	8	80.00	1	10.00	0	0.00	0	0.00	1	10.00	10	100.00
159	OTHER DIS SYS	9	75.00	0	0.00	0	0.00	0	0.00	3	25.00	12	100.00
160	NASAL CAVITY	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
161	LARYNX	35	79.55	0	0.00	4	9.09	0	0.00	5	11.36	44	100.00
162	LUNG	78	67.24	14	12.07	10	8.62	1	0.86	13	11.21	116	100.00
163	PLEURA	4	80.00	1	20.00	0	0.00	0	0.00	0	0.00	5	100.00
164	THYMUS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	18	90.00	1	5.00	0	0.00	0	0.00	1	5.00	20	100.00
171	CONNECTIVE TISS	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	25	92.59	0	0.00	1	3.70	0	0.00	1	3.70	27	100.00
175	BREAST MALE	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
185	PROSTATE	37	82.22	0	0.00	6	13.33	0	0.00	2	4.44	45	100.00
186	TESTIS	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
187	PENIS ETC	24	92.31	0	0.00	0	0.00	1	3.85	1	3.85	26	100.00
188	URI BLADDER	32	82.05	2	5.13	4	10.26	0	0.00	1	2.56	39	100.00
189	KIDNEY	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
190	EYE	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
191	BRAIN	38	86.36	3	6.82	0	0.00	0	0.00	3	6.82	44	100.00
192	NERVOUS SYSTEM	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
193	THYROID GLAND	12	92.31	0	0.00	1	7.69	0	0.00	0	0.00	13	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	11	78.57	0	0.00	2	14.29	0	0.00	1	7.14	14	100.00
196	SEC LYMPH NODES	29	100.00	0	0.00	0	0.00	0	0.00	0	0.00	29	100.00
197	SEC RES ETC	11	91.67	1	8.33	0	0.00	0	0.00	0	0.00	12	100.00
198	SEC OTHER	7	63.64	3	27.27	1	9.09	0	0.00	0	0.00	11	100.00
199	PRIM UNK	1	1.14	0	0.00	5	5.68	0	0.00	82	93.18	88	100.00
200	LYMPHOSARCOMA	17	100.00	0	0.00	0	0.00	0	0.00	0	0.00	17	100.00
201	HODGKINS DIS	22	91.67	0	0.00	0	0.00	0	0.00	2	8.33	24	100.00
202	OTH LYMPHOMA	31	88.57	0	0.00	0	0.00	0	0.00	4	11.43	35	100.00
203	MULT MYELOMA	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
204	LEUK LYMPHATIC	22	91.67	0	0.00	1	4.17	0	0.00	1	4.17	24	100.00
205	LEUK MYELOID	16	88.89	0	0.00	0	0.00	0	0.00	2	11.11	18	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
208	LEUK UNS	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00	2	100.00
ALL SITES TOTALS		960		57		90		6		174		1287	
%		74.59		4.43		6.99		0.47		13.52		100.00	

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Female Year : 1988
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
141	TONGUE	11	100.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
142	SALIVARY GLANDS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
143	GUM	16	100.00	0	0.00	0	0.00	0	0.00	0	0.00	16	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	82	87.23	0	0.00	11	11.70	0	0.00	1	1.06	94	100.00
146	OROPHARYNX	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
147	NASOPHARYNX	3	75.00	1	25.00	0	0.00	0	0.00	0	0.00	4	100.00
148	HYPOPHARYNX	12	75.00	0	0.00	4	25.00	0	0.00	0	0.00	16	100.00
149	PHARYNX ETC	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
150	OESOPHAGUS	57	72.15	11	13.92	4	5.06	1	1.27	6	7.59	79	100.00
151	STOMACH	44	68.75	4	6.25	5	7.81	1	1.56	10	15.63	64	100.00
152	SMALL INTESTINE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
153	COLON	19	79.17	0	0.00	4	16.67	0	0.00	1	4.17	24	100.00
154	RECTUM	34	89.47	0	0.00	3	7.89	0	0.00	1	2.63	38	100.00
155	LIVER	9	60.00	0	0.00	1	6.67	0	0.00	5	33.33	15	100.00
156	GALL BALDDER	6	75.00	0	0.00	0	0.00	0	0.00	2	25.00	8	100.00
157	PANCREAS	4	57.14	0	0.00	2	28.57	1	14.29	0	0.00	7	100.00
158	RETROPERITONEUM	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
159	OTHER DIS SYS	6	60.00	0	0.00	1	10.00	0	0.00	3	30.00	10	100.00
160	NASAL CAVITY	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
161	LARYNX	5	83.33	0	0.00	0	0.00	0	0.00	1	16.67	6	100.00
162	LUNG	12	75.00	1	6.25	1	6.25	0	0.00	2	12.50	16	100.00
163	PLEURA	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
164	THYMUS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	14	100.00	0	0.00	0	0.00	0	0.00	0	0.00	14	100.00
171	CONNECTIVE TISS	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
172	SKIN MELANOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
173	SKIN OTHER	24	92.31	1	3.85	1	3.85	0	0.00	0	0.00	26	100.00
174	BREAST FEM	204	89.47	1	0.44	15	6.58	2	0.88	6	2.63	228	100.00
179	UTERINE UNS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
180	CERVIX UTERI	321	92.77	0	0.00	16	4.62	2	0.58	7	2.02	346	100.00
181	PLACENTA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
182	BODY UTERUS	9	90.00	0	0.00	0	0.00	0	0.00	1	10.00	10	100.00
183	OVARY	48	84.21	2	3.51	4	7.02	0	0.00	3	5.26	57	100.00
184	VAGINA	19	100.00	0	0.00	0	0.00	0	0.00	0	0.00	19	100.00
188	URI BLADDER	7	77.78	0	0.00	1	11.11	0	0.00	1	11.11	9	100.00
189	KIDNEY	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
190	EYE	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
191	BRAIN	15	88.24	0	0.00	0	0.00	0	0.00	2	11.76	17	100.00
192	NERVOUS SYSTEM	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
193	THYROID GLAND	32	84.21	1	2.63	4	10.53	0	0.00	1	2.63	38	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
195	ILL DEF SITES	7	77.78	1	11.11	0	0.00	0	0.00	1	11.11	9	100.00
196	SEC LYMPH NODES	11	100.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
197	SEC RES ETC	7	70.00	0	0.00	2	20.00	0	0.00	1	10.00	10	100.00
198	SEC OTHER	7	70.00	3	30.00	0	0.00	0	0.00	0	0.00	10	100.00
199	PRIM UNK	4	4.60	0	0.00	1	1.15	0	0.00	82	94.25	87	100.00
200	LYMPHOSARCOMA	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
201	HODGKINS DIS	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	100.00
202	OTH LYMPHOMA	11	100.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
203	MULT MYELOMA	4	80.00	0	0.00	0	0.00	0	0.00	1	20.00	5	100.00
204	LEUK LYMPHATIC	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
205	LEUK MYELOID	25	100.00	0	0.00	0	0.00	0	0.00	0	0.00	25	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
208	LEUK UNS	4	57.14	0	0.00	0	0.00	0	0.00	3	42.86	7	100.00
ALL SITES TOTALS		1173		26		83		7		142		1431	
%		81.97		1.82		5.80		0.49		9.92		100.00	

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Males Year : 1989
NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	1	0	4	0.30
141 TONGUE	0	0	0	0	0	1	0	0	4	6	10	7	12	7	1	5	0	53	3.97
142 SALIVARY G	0	0	0	1	0	2	1	0	0	0	2	2	1	1	0	1	0	11	0.82
143 GUM	0	0	0	0	1	0	0	0	0	1	0	1	1	1	2	0	0	7	0.52
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	3	0.22
145 OTHER MOUT	0	0	0	0	0	0	0	1	2	4	4	1	6	2	2	2	0	24	1.80
146 OROPHARYNX	0	0	0	0	0	1	0	0	3	4	4	2	1	4	2	1	0	22	1.65
147 NASOPHARYN	0	0	0	1	2	0	1	0	2	1	1	1	0	0	0	1	0	10	0.75
148 HYPOPHARYN	0	0	0	0	0	0	0	1	3	4	8	12	14	9	7	4	0	62	4.65
149 PHARYNX ET	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	0	0	4	0.30
150 OESOPHAGUS	0	0	0	0	0	0	0	4	7	9	11	9	17	14	20	9	0	100	7.50
151 STOMACH	0	0	0	0	0	0	3	3	4	9	11	13	22	18	11	7	0	101	7.57
152 SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153 COLON	0	0	0	0	0	2	1	1	2	3	4	7	2	4	2	3	0	31	2.32
154 RECTUM	0	0	0	0	2	1	5	5	4	8	2	9	1	5	3	9	0	54	4.05
155 LIVER	1	0	1	0	0	1	1	3	3	3	8	7	5	4	3	0	0	40	3.00
156 GALL BALDD	0	0	0	0	0	0	0	1	0	2	1	0	0	0	0	2	0	6	0.45
157 PANCREAS	0	0	0	0	0	0	0	0	0	0	1	2	3	4	3	3	0	16	1.20
158 RETROPERIT	1	1	0	0	1	0	0	0	1	1	2	2	1	0	1	1	0	12	0.90
159 OTHER DIS	0	0	0	0	0	0	1	0	1	2	0	2	0	3	0	0	0	9	0.67
160 NASAL CAVI	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	1	0	5	0.37
161 LARYNX	0	0	0	0	1	1	0	0	2	3	5	6	14	5	5	2	0	44	3.30
162 LUNG	1	0	0	0	0	0	1	1	1	5	14	13	15	13	17	8	0	89	6.67
163 PLEURA	0	0	0	0	0	0	0	0	0	1	1	0	0	1	2	1	0	6	0.45
164 THYMUS	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	2	0.15
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	1	0	5	1	1	0	2	0	1	0	1	2	0	3	2	0	19	1.42
171 CONNECTIVE	0	0	1	1	2	0	1	2	0	1	0	0	0	1	1	0	0	10	0.75
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.07
173 SKIN OTHER	0	0	0	0	1	0	2	3	2	5	1	2	5	3	0	2	0	26	1.95
175 BREAST MAL	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	3	0.22
185 PROSTATE	0	0	0	0	0	0	0	0	0	2	2	1	8	16	19	17	1	66	4.95
186 TESTIS	1	0	0	1	1	2	1	1	4	0	1	0	0	0	0	0	0	12	0.90
187 PENIS ETC	0	0	1	0	0	3	0	4	4	3	3	1	4	0	3	0	0	26	1.95
188 URI BLADDE	0	0	0	0	0	0	1	1	2	1	0	3	3	5	5	6	0	27	2.02
189 KIDNEY	2	0	1	0	0	1	0	0	0	1	3	1	3	0	1	1	0	14	1.05
190 EYE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0.15
191 BRAIN	1	5	5	3	4	2	5	0	2	5	9	5	3	3	2	3	0	57	4.27
192 NERVOUS SY	0	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	3	0.22
193 THYROID GL	0	0	0	0	1	2	2	2	1	0	4	0	1	0	1	1	0	15	1.12
194 OTH ENDO G	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0.15
195 ILL DEF SI	2	0	0	1	2	1	0	0	1	3	1	0	2	1	1	1	0	16	1.20
196 SEC LYMPH	0	0	0	0	0	0	2	1	1	2	2	4	3	3	0	4	0	22	1.65
197 SEC RES ET	0	0	0	0	0	0	0	0	2	1	2	1	4	4	1	3	0	18	1.35
198 SEC OTHER	0	1	0	0	0	0	0	0	0	0	0	0	2	1	1	2	0	7	0.52
199 PRIM UNK	1	0	2	2	1	3	1	5	8	10	11	12	19	6	12	14	0	107	8.02
200 LYMPHOSARC	0	0	0	0	0	0	0	0	2	0	0	0	0	2	0	0	1	5	0.37
201 HODGKINS D	2	5	3	2	2	0	1	4	2	2	8	3	3	0	1	2	0	38	2.85
202 OTH LYMPHO	0	2	2	3	5	4	1	3	2	5	2	2	3	4	1	2	0	41	3.07
203 MULT MYELO	0	0	0	0	0	0	0	0	0	1	0	2	1	2	0	0	0	6	0.45
204 LEUK LYMPH	6	4	5	1	2	0	1	1	2	0	1	1	1	1	2	0	0	28	2.10
205 LEUK MYELO	2	1	3	4	2	1	1	5	1	3	2	4	1	2	1	2	0	35	2.62
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.07
207 LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208 LEUK UNS	2	1	0	1	2	1	0	0	0	1	2	1	0	0	0	1	0	12	0.90
TOTAL	22	22	24	27	35	32	34	55	75	117	143	142	189	150	139	126	2	1334	100.00
%	1.6	1.6	1.8	2.0	2.6	2.4	2.5	4.1	5.6	8.8	10.7	10.6	14.2	11.2	10.4	9.4	0.1	100.0	

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Females Year : 1989
NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.07
141 TONGUE	0	0	0	0	0	1	0	1	0	0	0	1	1	3	1	2	0	10	0.71
142 SALIVARY G	0	1	0	0	0	0	1	0	0	0	3	0	0	0	0	1	0	6	0.43
143 GUM	0	0	0	0	0	0	0	0	1	2	4	6	6	2	3	3	0	27	1.92
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	4	0.28
145 OTHER MOUT	0	0	0	0	0	1	2	5	10	8	15	8	14	8	4	8	1	84	5.98
146 OROPHARYNX	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	2	0	5	0.36
147 NASOPHARYN	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	1	0	5	0.36
148 HYPOPHARYN	0	0	0	0	0	0	0	1	0	1	0	2	4	1	1	2	0	12	0.85
149 PHARYNX ET	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	2	0.14
150 OESOPHAGUS	0	0	0	0	2	1	0	6	7	15	11	13	18	8	16	8	0	105	7.47
151 STOMACH	0	0	0	0	0	4	1	6	6	2	5	6	5	4	5	4	0	48	3.42
152 SMALL INTE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.07
153 COLON	0	0	0	1	0	1	0	3	0	3	6	2	3	2	2	2	0	25	1.78
154 RECTUM	0	0	0	0	0	1	2	1	2	3	5	4	1	2	0	3	0	24	1.71
155 LIVER	0	0	0	1	1	0	0	1	0	2	1	1	4	0	0	1	0	12	0.85
156 GALL BALDD	0	0	0	0	0	0	0	0	0	2	1	1	1	0	2	1	0	8	0.57
157 PANCREAS	0	0	0	0	0	0	0	1	1	1	1	1	3	0	1	2	0	11	0.78
158 RETROPERIT	0	0	0	0	0	0	1	0	0	1	0	2	0	1	0	0	0	5	0.36
159 OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	4	0.28
160 NASAL CAVI	0	0	0	0	0	0	1	0	0	0	0	2	1	0	0	0	0	4	0.28
161 LARYNX	0	0	0	0	0	0	0	0	1	1	0	3	0	1	0	1	0	7	0.50
162 LUNG	0	0	0	0	0	2	1	1	2	2	5	2	2	0	1	1	0	19	1.35
163 PLEURA	0	0	1	0	0	0	0	0	0	0	1	0	2	1	0	0	0	5	0.36
164 THYMUS	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.07
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	1	1	4	0	0	1	0	1	4	2	0	0	0	0	0	0	14	1.00
171 CONNECTIVE	0	0	0	1	0	0	1	0	0	0	2	0	0	0	0	0	0	4	0.28
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.07
173 SKIN OTHER	0	0	0	1	2	0	0	0	3	2	2	3	1	2	2	0	0	18	1.28
174 BREAST FEM	0	0	1	2	1	7	15	25	49	28	39	31	23	13	12	10	0	256	18.22
179 UTERINE UN	0	0	0	0	0	1	1	1	0	1	0	0	2	1	0	0	0	7	0.50
180 CERVIX UTE	0	0	0	0	1	3	12	30	36	50	50	36	30	22	12	9	0	291	20.71
181 PLACENTA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.07
182 BODY UTERU	0	0	0	0	0	0	0	2	1	4	5	4	1	2	0	2	1	22	1.57
183 OVARY	0	0	0	1	1	2	2	5	6	4	9	11	4	7	0	0	0	52	3.70
184 VAGINA	0	0	0	0	0	1	0	0	1	2	1	3	2	0	3	1	0	14	1.00
188 URI BLADDE	0	0	0	0	0	0	0	0	0	2	0	4	0	1	0	0	0	7	0.50
189 KIDNEY	0	0	0	0	0	0	1	0	2	0	0	0	1	0	1	0	0	5	0.36
190 EYE	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.07
191 BRAIN	1	1	4	3	4	3	2	0	3	2	1	1	2	0	1	0	0	28	1.99
192 NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193 THYROID GL	0	0	1	2	5	8	8	1	5	4	4	1	2	2	0	4	0	47	3.35
194 OTH ENDO G	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0.14
195 ILL DEF SI	1	0	0	1	0	1	1	0	0	2	1	1	0	0	0	1	0	9	0.64
196 SEC LYMPH	0	0	0	0	0	0	0	0	1	2	0	0	1	0	2	0	0	6	0.43
197 SEC RES ET	0	0	0	0	0	0	0	1	0	0	1	0	2	1	2	1	0	8	0.57
198 SEC OTHER	0	0	1	0	0	0	0	1	2	1	1	0	1	0	0	0	0	7	0.50
199 PRIM UNK	0	1	1	2	2	1	0	6	6	11	7	16	11	6	3	7	0	80	5.69
200 LYMPHOSARC	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	3	0.21
201 HODGKINS D	0	1	1	0	1	0	0	2	2	0	0	3	0	0	0	0	0	10	0.71
202 OTH LYMPHO	1	2	2	3	1	1	0	1	1	4	1	3	3	2	0	0	0	25	1.78
203 MULT MYELO	0	0	0	0	0	0	0	1	1	1	0	2	0	2	0	0	0	7	0.50
204 LEUK LYMPH	3	3	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	9	0.64
205 LEUK MYELO	0	1	1	1	3	2	0	2	1	3	6	3	2	0	1	0	0	26	1.85
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208 LEUK UNS	2	0	0	1	0	0	0	0	0	1	1	2	1	1	1	0	0	10	0.71
TOTAL	9	12	14	25	27	43	54	106	152	171	194	180	159	100	79	78	2	1405	100.00
%	0.6	0.9	1.0	1.8	1.9	3.1	3.8	7.5	10.8	12.2	13.8	12.8	11.3	7.1	5.6	5.6	0.1	100.0	

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Males Year : 1989
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	4.7	0.0	0.0	5.2	0.2	0.4	0.8
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	3.6	6.8	14.9	16.3	28.3	30.8	5.4	26.2	2.6	4.7	10.2
142 SALIVARY	0.0	0.0	0.0	0.5	0.0	1.0	0.6	0.0	0.0	0.0	3.0	4.7	2.4	4.4	0.0	5.2	0.5	0.8	1.4
143 GUM	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.1	0.0	2.3	2.4	4.4	10.9	0.0	0.3	0.6	0.8
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.4	0.0	5.2	0.1	0.3	0.3
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	4.5	6.0	2.3	14.1	8.8	10.9	10.5	1.2	2.1	4.5
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	2.7	4.5	6.0	4.7	2.4	17.6	10.9	5.2	1.1	1.9	3.3
147 NASOPHAR	0.0	0.0	0.0	0.5	0.9	0.0	0.6	0.0	1.8	1.1	1.5	2.3	0.0	0.0	0.0	5.2	0.5	0.6	1.1
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.7	4.5	11.9	27.9	33.0	39.6	38.0	21.0	3.1	5.9	11.3
149 PHARYNX	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	2.3	1.5	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.7
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	6.4	10.2	16.4	20.9	40.1	61.6	108.6	47.2	4.9	9.4	14.3
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.2	3.6	10.2	16.4	30.3	51.8	79.2	59.8	36.7	5.0	9.5	16.3
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153 COLON	0.0	0.0	0.0	0.0	0.0	1.0	0.6	0.7	1.8	3.4	6.0	16.3	4.7	17.6	10.9	15.7	1.5	2.7	4.8
154 RECTUM	0.0	0.0	0.0	0.0	0.9	0.5	3.1	3.7	3.6	9.0	3.0	20.9	2.4	22.0	16.3	47.2	2.7	4.3	6.6
155 LIVER	0.5	0.0	0.5	0.0	0.0	0.5	0.6	2.2	2.7	3.4	11.9	16.3	11.8	17.6	16.3	0.0	2.0	3.2	7.2
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	2.3	1.5	0.0	0.0	0.0	0.0	10.5	0.3	0.5	0.8
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.7	7.1	17.6	16.3	15.7	0.8	1.7	1.8
158 RETROPER	0.5	0.4	0.0	0.0	0.4	0.0	0.0	0.0	0.9	1.1	3.0	4.7	2.4	0.0	5.4	5.2	0.6	0.9	1.8
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	2.3	0.0	4.7	0.0	13.2	0.0	0.0	0.4	0.8	1.2
160 NASAL CA	0.0	0.4	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.1	0.0	2.3	0.0	0.0	0.0	5.2	0.2	0.3	0.5
161 LARYNX	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	1.8	3.4	7.4	14.0	33.0	22.0	27.2	10.5	2.2	4.1	8.3
162 LUNG	0.5	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.9	5.6	20.9	30.3	35.3	57.2	92.4	42.0	4.4	8.6	13.2
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	0.0	0.0	4.4	10.9	5.2	0.3	0.6	0.5	0.5
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	0.1	0.4
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.4	0.0	2.4	0.4	0.5	0.0	1.5	0.0	1.1	0.0	2.3	4.7	0.0	16.3	10.5	0.9	1.3	1.4
171 CONNECTI	0.0	0.0	0.5	0.5	0.9	0.0	0.6	1.5	0.0	1.1	0.0	0.0	4.4	5.4	0.0	0.5	0.6	0.5	0.5
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.1	0.3	0.3
173 SKIN OTH	0.0	0.0	0.0	0.0	0.4	0.0	1.2	2.2	1.8	5.6	1.5	4.7	11.8	13.2	0.0	10.5	1.3	2.0	4.2
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	5.4	0.0	0.1	0.2	0.2
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	3.0	2.3	18.8	70.4	103.2	89.2	3.2	7.1	3.6
186 TESTIS	0.5	0.0	0.0	0.5	0.4	1.0	0.6	0.7	3.6	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.6	0.6	1.1
187 PENIS ET	0.0	0.0	0.5	0.0	0.0	1.5	0.0	2.9	3.6	3.4	4.5	2.3	9.4	0.0	16.3	0.0	1.3	1.8	4.2
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.8	1.1	0.0	7.0	7.1	22.0	27.2	31.5	1.3	2.7	2.5
189 KIDNEY	0.9	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.0	1.1	4.5	2.3	7.1	0.0	5.4	5.2	0.7	1.1	2.2
190 EYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	5.4	0.0	0.1	0.2	0.3
191 BRAIN	0.5	2.0	2.3	1.4	1.8	1.0	3.1	0.0	1.8	5.6	13.4	11.6	7.1	13.2	10.9	15.7	2.8	3.8	6.0
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	5.4	0.1	0.2	0.3
193 THYROID	0.0	0.0	0.0	0.0	0.4	1.0	1.2	1.5	0.9	0.0	6.0	0.0	2.4	0.0	5.4	5.2	0.7	0.9	1.7
194 OTH ENDO	0.0	0.0	0.0	0.5	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
195 ILL DEF	0.9	0.0	0.0	0.5	0.9	0.5	0.0	0.0	0.9	3.4	1.5	0.0	4.7	4.4	5.4	5.2	0.8	1.1	1.7
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.7	0.9	2.3	3.0	9.3	7.1	13.2	0.0	21.0	1.1	1.9	3.3
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.1	3.0	2.3	9.4	17.6	5.4	15.7	0.9	1.7	2.6
198 SEC OTH	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.4	5.4	10.5	0.3	0.7	0.6
199 PRIM UNK	0.5	0.0	0.9	1.0	0.4	1.5	0.6	3.7	7.3	11.3	16.4	27.9	44.8	26.4	65.2	73.5	5.3	9.0	16.3
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	8.8	0.0	0.0	0.2	0.4	0.4
201 HODGKINS	0.9	2.0	1.4	1.0	0.9	0.0	0.6	2.9	1.8	2.3	8.9	7.0	7.1	0.0	5.4	10.5	1.9	2.4	4.6
202 OTH LYMP	0.0	0.8	0.9	1.4	2.2	2.0	0.6	2.2	1.8	5.6	3.0	4.7	7.1	17.6	5.4	10.5	2.0	2.7	3.9
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	4.7	2.4	8.8	0.0	0.0	0.3	0.6	1.1
204 LEUK LYM	2.8	1.6	2.3	0.5	0.9	0.0	0.6	0.7	1.8	0.0	1.5	2.3	2.4	4.4	10.9	0.0	1.4	1.6	1.3
205 LEUK MYE	0.9	0.4	1.4	1.9	0.9	0.5	0.6	3.7	0.9	3.4	3.0	9.3	2.4	8.8	5.4	10.5	1.7	2.3	3.5
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.2	0.0	0.1	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.9	0.4	0.0	0.5	0.9	0.5	0.0	0.0	0.0	1.1	3.0	2.3	0.0	0.0	0.0	5.2	0.6	0.7	1.0
TOTAL	10.1	8.9	10.8	13.0	15.5	15.8	20.9	40.4	68.0	132.0	213.0	330.5	445.3	659.8	755.1	661.4	65.6	112.2	181.0

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Females Year : 1989
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.9	0.0	0.0	0.0	2.8	2.5	13.4	5.4	10.4	0.5	1.0	0.9
142 SALIVARY	0.0	0.4	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	5.4	0.0	0.0	0.0	0.0	5.2	0.3	0.5	0.9
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.0	7.2	16.7	14.9	8.9	16.3	15.7	1.5	2.8	6.1
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.5	4.5	0.0	5.2	0.2	0.4	0.7
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.5	1.6	4.6	13.2	11.9	26.8	22.3	34.8	35.8	21.8	41.8	4.6	7.9	17.4
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.5	4.5	0.0	10.4	0.3	0.5	0.6
147 NASOPHAR	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.9	0.0	0.0	0.0	0.0	2.5	4.5	0.0	5.2	0.3	0.4	0.5
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.5	0.0	5.6	9.9	4.5	5.4	10.4	0.7	1.2	2.5
149 PHARYNX	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.1	0.1	0.3
150 OESOPHAG	0.0	0.0	0.0	0.0	1.0	0.5	0.0	5.5	9.3	22.4	19.7	36.2	44.7	35.8	87.2	41.8	5.7	10.2	20.8
151 STOMACH	0.0	0.0	0.0	0.0	0.0	2.2	0.8	5.5	7.9	3.0	8.9	16.7	12.4	17.9	27.2	20.9	2.6	4.3	8.4
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
153 COLON	0.0	0.0	0.0	0.5	0.0	0.5	0.0	2.7	0.0	4.5	10.7	5.6	7.5	8.9	10.9	10.4	1.4	2.3	4.8
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.5	1.6	0.9	2.6	4.5	8.9	11.1	2.5	8.9	0.0	15.7	1.3	2.2	4.8
155 LIVER	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.9	0.0	3.0	1.8	2.8	9.9	0.0	0.0	5.2	0.7	1.0	2.7
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	1.8	2.8	2.5	0.0	10.9	5.2	0.4	0.8	1.5
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.3	1.5	1.8	2.8	7.5	0.0	5.4	10.4	0.6	1.0	2.3
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.5	0.0	5.6	0.0	4.5	0.0	0.0	0.3	0.5	1.0
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.8	2.5	4.5	5.4	0.0	0.2	0.5	0.7
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	5.6	2.5	0.0	0.0	0.0	0.2	0.4	1.0
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.5	0.0	8.4	0.0	4.5	0.0	5.2	0.4	0.7	1.6
162 LUNG	0.0	0.0	0.0	0.0	0.0	1.1	0.8	0.9	2.6	3.0	8.9	5.6	5.0	0.0	5.4	5.2	1.0	1.6	4.1
163 PLEURA	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	5.0	4.5	0.0	0.0	0.3	0.5	0.9
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.4	0.5	2.0	0.0	0.0	0.8	0.0	1.3	6.0	3.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171 CONNECTI	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.0	0.0	0.8	0.9	2.0
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6
173 SKIN OTH	0.0	0.0	0.0	0.5	1.0	0.0	0.0	0.0	4.0	3.0	3.6	8.4	2.5	8.9	10.9	0.0	1.0	1.6	3.3
174 BREAST F	0.0	0.0	0.5	1.0	0.5	3.8	11.8	22.9	64.8	41.7	69.7	86.3	57.2	58.2	65.4	52.2	14.0	22.3	54.8
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.9	0.0	1.5	0.0	5.0	4.5	0.0	0.0	0.0	0.4	0.6	1.1
180 CERVIX U	0.0	0.0	0.0	0.0	0.5	1.6	9.5	27.5	47.6	74.5	89.4	100.2	74.6	98.4	65.4	47.0	15.9	26.4	65.9
181 PLACENTA	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.3	6.0	8.9	11.1	2.5	8.9	0.0	10.4	1.2	2.0	5.0
183 OVARY	0.0	0.0	0.0	0.5	0.5	1.1	1.6	4.6	7.9	6.0	16.1	30.6	9.9	31.3	0.0	0.0	2.8	4.7	11.4
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.3	3.0	1.8	8.4	5.0	0.0	16.3	5.2	0.8	1.4	2.8
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	11.1	0.0	4.5	0.0	0.0	0.4	0.8	2.0
189 KIDNEY	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.6	0.0	0.0	0.0	2.5	0.0	5.4	0.0	0.3	0.4	0.8
190 EYE	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
191 BRAIN	0.5	0.4	1.8	1.5	2.0	1.6	1.6	0.0	4.0	3.0	1.8	2.8	5.0	0.0	5.4	0.0	0.0	1.5	2.6
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193 THYROID	0.0	0.0	0.5	1.0	2.4	4.4	6.3	0.9	6.6	6.0	7.2	2.8	5.0	8.9	0.0	20.9	2.6	3.2	4.8
194 OTH ENDO	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
195 ILL DEF	0.5	0.0	0.0	0.5	0.0	0.5	0.8	0.0	0.0	3.0	1.8	2.8	0.0	0.0	0.0	5.2	0.5	0.7	1.2
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.0	0.0	0.0	2.5	0.0	10.9	0.0	0.3	0.6	1.2
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.8	0.0	5.0	4.5	10.9	5.2	0.4	0.8	1.1
198 SEC OTH	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.9	2.6	1.5	1.8	0.0	2.5	8.0	0.0	0.0	0.4	0.5	1.6
199 PRIM UNK	0.0	0.4	0.5	1.0	1.0	0.5	0.0	5.5	7.9	16.4	12.5	44.5	27.3	26.8	16.3	36.6	4.4	7.4	17.1
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.5	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.4	0.0	0.2	0.2	0.0
201 HODGKINS	0.0	0.4	0.5	0.0	0.5	0.0	0.0	1.8	2.6	0.0	0.0	8.4	0.0	0.0	0.0	0.0	0.5	0.7	1.9
202 OTH LYMP	0.5	0.8	0.9	1.5	0.5	0.5	0.0	0.9	1.3	6.0	1.8	8.4	7.5	8.9	0.0	0.0	1.4	1.9	3.9
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.3	1.5	0.0	5.6	0.0	8.9	0.0	0.0	0.4	0.7	1.4
204 LEUK LYM	1.4	1.2	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	5.4	0.0	0.5	0.6	0.0	0.0
205 LEUK MYE	0.0	0.4	0.5	0.5	1.5	1.1	0.0	1.8	1.3	4.5	10.7	8.4	5.0	0.0	5.4	0.0	1.4	2.0	4.9
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.9	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.5	1.8	5.6	2.5	4.5	5.4	0.0	0.5	0.9	1.6
TOTAL	4.2	4.9	6.4	12.7	13.2	23.5	42.6	97.1	200.9	254.9	346.9	501.1	395.2	447.4	430.3	407.5	76.7	124.7	278.6

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Males Year : 1989
CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.03	0.03	0.03
141	TONGUE	0.00	0.00	0.50	0.35	0.53
142	SALIVARY GLANDS	0.00	0.01	0.07	0.06	0.08
143	GUM	0.00	0.00	0.05	0.03	0.11
144	FLOOR OF MOUTH	0.00	0.00	0.03	0.01	0.03
145	OTHER MOUTH	0.00	0.00	0.19	0.15	0.25
146	OROPHARYNX	0.00	0.00	0.19	0.10	0.25
147	NASOPHARYNX	0.00	0.01	0.03	0.04	0.04
148	HYPOPHARYNX	0.00	0.00	0.60	0.40	0.79
149	PHARYNX ETC	0.00	0.00	0.02	0.02	0.02
150	OESOPHAGUS	0.00	0.00	0.79	0.48	1.33
151	STOMACH	0.00	0.01	0.96	0.58	1.27
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.01	0.25	0.17	0.31
154	RECTUM	0.00	0.02	0.32	0.24	0.43
155	LIVER	0.00	0.01	0.33	0.25	0.42
156	GALL BALDDER	0.00	0.00	0.02	0.02	0.02
157	PANCREAS	0.00	0.00	0.15	0.07	0.24
158	RETROPERITONEUM	0.00	0.00	0.06	0.07	0.09
159	OTHER DIS SYS	0.00	0.00	0.11	0.04	0.11
160	NASAL CAVITY	0.00	0.00	0.02	0.02	0.02
161	LARYNX	0.00	0.00	0.41	0.30	0.55
162	LUNG	0.00	0.00	0.75	0.47	1.21
163	PLEURA	0.00	0.00	0.04	0.01	0.09
164	THYMUS	0.00	0.00	0.02	0.02	0.02
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.02	0.05	0.07	0.15
171	CONNECTIVE TISS	0.00	0.01	0.03	0.03	0.07
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.01
173	SKIN OTHER	0.00	0.01	0.20	0.15	0.21
175	BREAST MALE	0.00	0.00	0.01	0.01	0.04
185	PROSTATE	0.00	0.00	0.48	0.13	1.00
186	TESTIS	0.00	0.01	0.03	0.04	0.04
187	PENIS ETC	0.00	0.01	0.13	0.14	0.22
188	URI BLADDER	0.00	0.00	0.20	0.09	0.34
189	KIDNEY	0.01	0.00	0.07	0.08	0.11
190	EYE	0.00	0.00	0.01	0.01	0.04
191	BRAIN	0.02	0.04	0.26	0.26	0.38
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.04
193	THYROID GLAND	0.00	0.01	0.05	0.07	0.09
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.01	0.07	0.07	0.12
196	SEC LYMPH NODES	0.00	0.01	0.18	0.12	0.19
197	SEC RES ETC	0.00	0.00	0.18	0.09	0.20
198	SEC OTHER	0.00	0.00	0.05	0.03	0.07
199	PRIM UNK	0.01	0.02	0.69	0.58	1.03
200	LYMPHOSARCOMA	0.00	0.00	0.05	0.01	0.05
201	HODGKINS DIS	0.02	0.01	0.15	0.18	0.21
202	OTH LYMPHOMA	0.01	0.03	0.21	0.16	0.28
203	MULT MYELOMA	0.00	0.00	0.08	0.04	0.08
204	LEUK LYMPHATIC	0.03	0.01	0.07	0.09	0.16
205	LEUK MYELOID	0.01	0.02	0.16	0.15	0.22
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.01	0.01	0.03	0.05	0.05
ALL SITES		0.15	0.33	9.01	6.41	12.38

POPULATION-BASED CANCER REGISTRY BANGALORE Sex : Females Year : 1989
CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.01	0.01	0.01
141	TONGUE	0.00	0.00	0.10	0.03	0.13
142	SALIVARY GLANDS	0.00	0.00	0.03	0.03	0.03
143	GUM	0.00	0.00	0.26	0.22	0.34
144	FLOOR OF MOUTH	0.00	0.00	0.05	0.03	0.05
145	OTHER MOUTH	0.00	0.01	0.74	0.58	0.86
146	OROPHARYNX	0.00	0.00	0.04	0.02	0.04
147	NASOPHARYNX	0.00	0.00	0.04	0.02	0.04
148	HYPOPHARYNX	0.00	0.00	0.11	0.09	0.14
149	PHARYNX ETC	0.00	0.00	0.01	0.01	0.01
150	OESOPHAGUS	0.00	0.01	0.86	0.69	1.30
151	STOMACH	0.00	0.01	0.36	0.29	0.51
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.01	0.20	0.16	0.26
154	RECTUM	0.00	0.01	0.20	0.16	0.21
155	LIVER	0.00	0.00	0.09	0.10	0.10
156	GALL BALDDER	0.00	0.00	0.05	0.05	0.10
157	PANCREAS	0.00	0.00	0.08	0.08	0.11
158	RETROPERITONEUM	0.00	0.00	0.06	0.04	0.06
159	OTHER DIS SYS	0.00	0.00	0.05	0.03	0.08
160	NASAL CAVITY	0.00	0.00	0.04	0.04	0.04
161	LARYNX	0.00	0.00	0.08	0.06	0.08
162	LUNG	0.00	0.01	0.13	0.14	0.17
163	PLEURA	0.00	0.00	0.06	0.04	0.06
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.01	0.05	0.07	0.07
171	CONNECTIVE TISS	0.00	0.01	0.02	0.02	0.02
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.01
173	SKIN OTHER	0.00	0.01	0.15	0.11	0.21
174	BREAST FEM	0.00	0.09	1.98	1.78	2.39
179	UTERINE UNS	0.00	0.01	0.06	0.04	0.07
180	CERVIX UTERI	0.00	0.06	2.53	2.10	2.90
181	PLACENTA	0.00	0.00	0.00	0.00	0.00
182	BODY UTERUS	0.00	0.00	0.20	0.16	0.20
183	OVARY	0.00	0.02	0.53	0.39	0.55
184	VAGINA	0.00	0.00	0.10	0.10	0.18
188	URI BLADDER	0.00	0.00	0.09	0.07	0.09
189	KIDNEY	0.00	0.00	0.03	0.03	0.06
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.01	0.03	0.08	0.13	0.16
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.07	0.19	0.21	0.26
194	OTH ENDO GLANDS	0.00	0.00	0.01	0.01	0.01
195	ILL DEF SITES	0.00	0.01	0.04	0.05	0.05
196	SEC LYMPH NODES	0.00	0.00	0.03	0.03	0.09
197	SEC RES ETC	0.00	0.00	0.06	0.04	0.12
198	SEC OTHER	0.00	0.00	0.05	0.05	0.05
199	PRIM UNK	0.00	0.01	0.70	0.59	0.80
200	LYMPHOSARCOMA	0.00	0.01	0.00	0.01	0.03
201	HODGKINS DIS	0.00	0.00	0.06	0.07	0.07
202	OTH LYMPHOMA	0.01	0.01	0.17	0.15	0.20
203	MULT MYELOMA	0.00	0.00	0.09	0.05	0.09
204	LEUK LYMPHATIC	0.01	0.00	0.02	0.02	0.07
205	LEUK MYELOID	0.00	0.02	0.16	0.18	0.21
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.08	0.06	0.11
ALL SITES		0.08	0.46	10.61	9.08	12.51

POPULATION-BASED CANCER REGISTRY BANGALORE *Sex : Male* *Year : 1989*
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

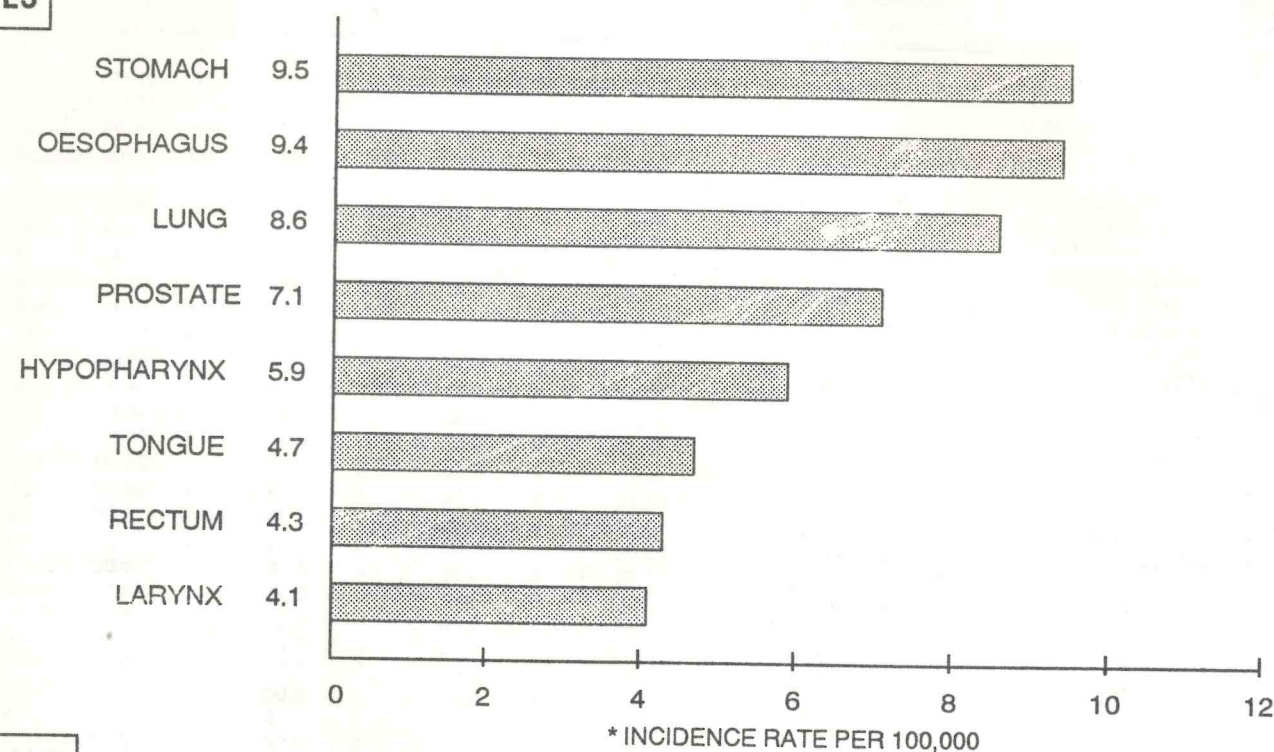
ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
141	TONGUE	49	92.45	0	0.00	4	7.55	0	0.00	0	0.00	53	100.00
142	SALIVARY GLANDS	9	81.82	0	0.00	1	9.09	0	0.00	1	9.09	11	100.00
143	GUM	6	85.71	0	0.00	0	0.00	0	0.00	1	14.29	7	100.00
144	FLOOR OF MOUTH	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
145	OTHER MOUTH	22	91.67	0	0.00	2	8.33	0	0.00	0	0.00	24	100.00
146	OROPHARYNX	19	86.36	0	0.00	3	13.64	0	0.00	0	0.00	22	100.00
147	NASOPHARYNX	8	80.00	0	0.00	1	10.00	0	0.00	1	10.00	10	100.00
148	HYPOPHARYNX	49	79.03	0	0.00	10	16.13	0	0.00	3	4.84	62	100.00
149	PHARYNX ETC	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
150	OESOPHAGUS	71	71.00	12	12.00	10	10.00	0	0.00	7	7.00	100	100.00
151	STOMACH	64	63.37	5	4.95	16	15.84	1	0.99	15	14.85	101	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	25	80.65	0	0.00	3	9.68	0	0.00	3	9.68	31	100.00
154	RECTUM	42	77.78	0	0.00	5	9.26	1	1.85	6	11.11	54	100.00
155	LIVER	28	70.00	2	5.00	2	5.00	0	0.00	8	20.00	40	100.00
156	GALL BLADDER	3	50.00	0	0.00	0	0.00	0	0.00	3	50.00	6	100.00
157	PANCREAS	7	43.75	3	18.75	3	18.75	0	0.00	3	18.75	16	100.00
158	RETROPERITONEUM	10	83.33	0	0.00	0	0.00	0	0.00	2	16.67	12	100.00
159	OTHER DIS SYS	7	77.78	0	0.00	1	11.11	0	0.00	1	11.11	9	100.00
160	NASAL CAVITY	4	80.00	0	0.00	0	0.00	1	20.00	0	0.00	5	100.00
161	LARYNX	31	70.45	0	0.00	13	29.55	0	0.00	0	0.00	44	100.00
162	LUNG	57	64.04	9	10.11	6	6.74	0	0.00	17	19.10	89	100.00
163	PLEURA	5	83.33	0	0.00	0	0.00	0	0.00	1	16.67	6	100.00
164	THYMUS	0	0.00	1	50.00	0	0.00	0	0.00	1	50.00	2	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	16	84.21	3	15.79	0	0.00	0	0.00	0	0.00	19	100.00
171	CONNECTIVE TISS	9	90.00	0	0.00	0	0.00	0	0.00	1	10.00	10	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
173	SKIN OTHER	24	92.31	0	0.00	0	0.00	0	0.00	2	7.69	26	100.00
175	BREAST MALE	2	66.67	0	0.00	0	0.00	0	0.00	1	33.33	3	100.00
185	PROSTATE	50	75.76	0	0.00	9	13.64	0	0.00	7	10.61	66	100.00
186	TESTIS	12	100.00	0	0.00	0	0.00	0	0.00	0	0.00	12	100.00
187	PENIS ETC	25	96.15	0	0.00	1	3.85	0	0.00	0	0.00	26	100.00
188	URI BLADDER	20	74.07	2	7.41	2	7.41	1	3.70	2	7.41	27	100.00
189	KIDNEY	12	85.71	0	0.00	1	7.14	0	0.00	1	7.14	14	100.00
190	EYE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
191	BRAIN	47	82.46	1	1.75	0	0.00	0	0.00	9	15.79	57	100.00
192	NERVOUS SYSTEM	1	33.33	0	0.00	0	0.00	0	0.00	2	66.67	3	100.00
193	THYROID GLAND	15	100.00	0	0.00	0	0.00	0	0.00	0	0.00	15	100.00
194	OTH ENDO GLANDS	1	50.00	1	50.00	0	0.00	0	0.00	0	0.00	2	100.00
195	ILL DEF SITES	16	100.00	0	0.00	0	0.00	0	0.00	0	0.00	16	100.00
196	SEC LYMPH NODES	22	100.00	0	0.00	0	0.00	0	0.00	0	0.00	22	100.00
197	SEC RES ETC	14	77.78	1	5.56	2	11.11	0	0.00	1	5.56	18	100.00
198	SEC OTHER	5	71.43	0	0.00	2	28.57	0	0.00	0	0.00	7	100.00
199	PRIM UNK	4	3.74	0	0.00	0	0.00	0	0.00	103	96.26	107	100.00
200	LYMPHOSARCOMA	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
201	HODGKINS DIS	35	92.11	0	0.00	0	0.00	0	0.00	3	7.89	38	100.00
202	OTH LYMPHOMA	37	90.24	0	0.00	1	2.44	0	0.00	3	7.32	41	100.00
203	MULT MYELOMA	4	66.67	1	16.67	0	0.00	0	0.00	1	16.67	6	100.00
204	LEUK LYMPHATIC	23	82.14	0	0.00	0	0.00	0	0.00	5	17.86	28	100.00
205	LEUK MYELOID	29	82.86	0	0.00	0	0.00	0	0.00	6	17.14	35	100.00
206	LEUK MONOCYTIC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	6	50.00	0	0.00	0	0.00	0	0.00	6	50.00	12	100.00
ALL SITES TOTALS		962		41		100		4		227		1334	
%		72.11		3.07		7.50		0.30		17.02		100.00	

POPULATION-BASED CANCER REGISTRY BANGALORE *Sex : Female* *Year : 1989*
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

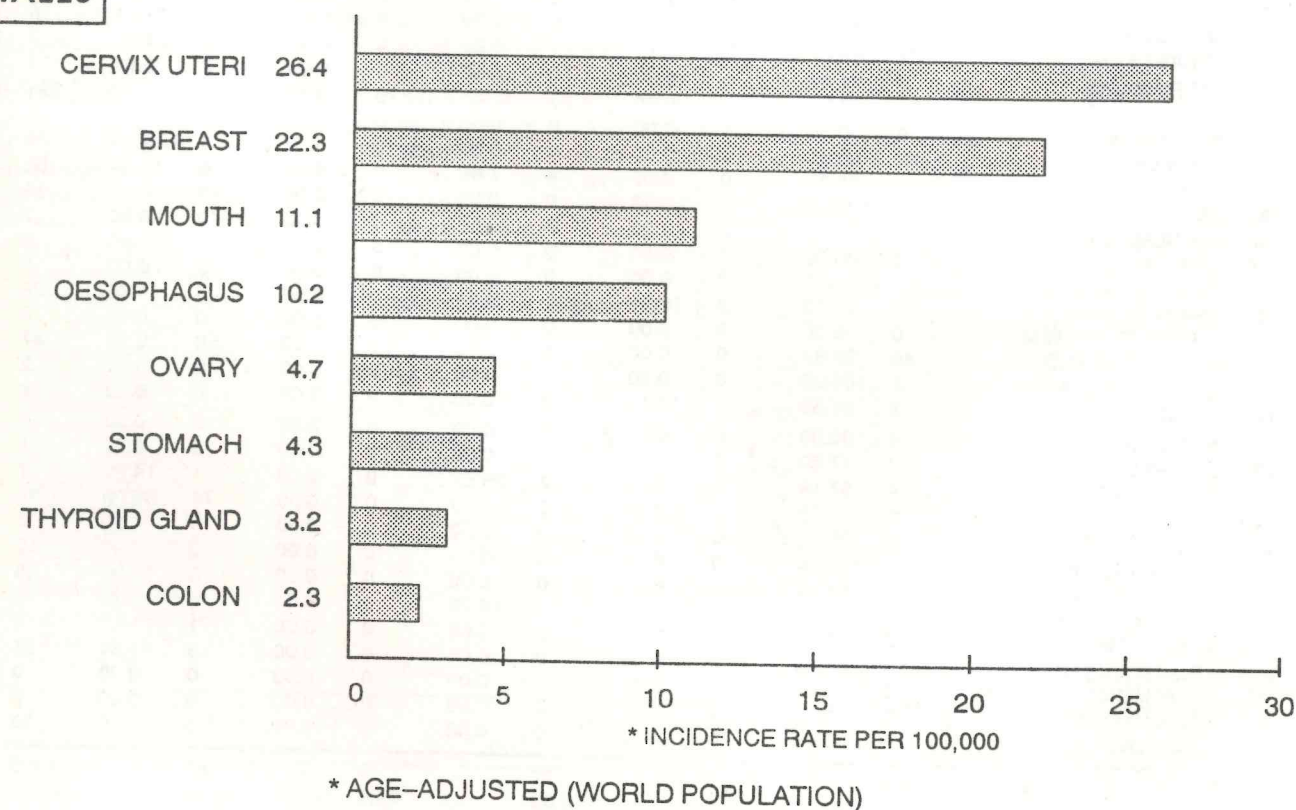
ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
141	TONGUE	8	80.00	0	0.00	0	0.00	0	0.00	2	20.00	10	100.00
142	SALIVARY GLANDS	5	83.33	0	0.00	0	0.00	0	0.00	1	16.67	6	100.00
143	GUM	24	88.89	1	3.70	2	7.41	0	0.00	0	0.00	27	100.00
144	FLOOR OF MOUTH	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
145	OTHER MOUTH	68	80.95	3	3.57	9	10.71	0	0.00	4	4.76	84	100.00
146	OROPHARYNX	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
147	NASOPHARYNX	3	60.00	0	0.00	2	40.00	0	0.00	0	0.00	5	100.00
148	HYPOPHARYNX	7	58.33	1	8.33	3	25.00	0	0.00	1	8.33	12	100.00
149	PHARYNX ETC	1	50.00	0	0.00	0	0.00	0	0.00	1	50.00	2	100.00
150	OESOPHAGUS	75	71.43	12	11.43	12	11.43	2	1.90	4	3.81	105	100.00
151	STOMACH	27	56.25	4	8.33	11	22.92	0	0.00	6	12.50	48	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
153	COLON	19	76.00	0	0.00	4	16.00	1	4.00	1	4.00	25	100.00
154	RECTUM	17	70.83	0	0.00	3	12.50	0	0.00	4	16.67	24	100.00
155	LIVER	4	33.33	0	0.00	2	16.67	0	0.00	6	50.00	12	100.00
156	GALL BALDDER	5	62.50	0	0.00	1	12.50	0	0.00	2	25.00	8	100.00
157	PANCREAS	4	36.36	2	18.18	1	9.09	0	0.00	4	36.36	11	100.00
158	RETROPERITONEUM	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
159	OTHER DIS SYS	2	50.00	1	25.00	1	25.00	0	0.00	0	0.00	4	100.00
160	NASAL CAVITY	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
161	LARYNX	6	85.71	0	0.00	0	0.00	0	0.00	1	14.29	7	100.00
162	LUNG	13	68.42	2	10.53	1	5.26	0	0.00	3	15.79	19	100.00
163	PLEURA	4	80.00	0	0.00	0	0.00	0	0.00	1	20.00	5	100.00
164	THYMUS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	12	85.71	1	7.14	0	0.00	0	0.00	1	7.14	14	100.00
171	CONNECTIVE TISS	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
172	SKIN MELANOMA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
173	SKIN OTHER	16	88.89	0	0.00	0	0.00	0	0.00	2	11.11	18	100.00
174	BREAST FEM	227	88.67	3	1.17	21	8.20	0	0.00	5	1.95	256	100.00
179	UTERINE UNS	5	71.43	0	0.00	0	0.00	0	0.00	2	28.57	7	100.00
180	CERVIX UTERI	253	86.94	0	0.00	33	11.34	0	0.00	5	1.72	291	100.00
181	PLACENTA	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
182	BODY UTERUS	21	95.45	0	0.00	0	0.00	0	0.00	1	4.55	22	100.00
183	OVARY	42	80.77	0	0.00	4	7.69	0	0.00	6	11.54	52	100.00
184	VAGINA	14	100.00	0	0.00	0	0.00	0	0.00	0	0.00	14	100.00
188	URI BLADDER	5	71.43	0	0.00	2	28.57	0	0.00	0	0.00	7	100.00
189	KIDNEY	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
190	EYE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
191	BRAIN	20	71.43	3	10.71	0	0.00	0	0.00	5	17.86	28	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	46	97.87	0	0.00	1	2.13	0	0.00	0	0.00	47	100.00
194	OTH ENDO GLANDS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
195	ILL DEF SITES	8	88.89	1	11.11	0	0.00	0	0.00	0	0.00	9	100.00
196	SEC LYMPH NODES	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
197	SEC RES ETC	7	87.50	1	12.50	0	0.00	0	0.00	0	0.00	8	100.00
198	SEC OTHER	4	57.14	0	0.00	2	28.57	0	0.00	1	14.29	7	100.00
199	PRIM UNK	1	1.25	3	3.75	0	0.00	0	0.00	76	95.00	80	100.00
200	LYMPHOSARCOMA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
201	HODGKINS DIS	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
202	OTH LYMPHOMA	21	84.00	1	4.00	0	0.00	0	0.00	3	12.00	25	100.00
203	MULT MYELOMA	5	71.43	0	0.00	1	14.29	0	0.00	1	14.29	7	100.00
204	LEUK LYMPHATIC	8	88.89	0	0.00	0	0.00	0	0.00	1	11.11	9	100.00
205	LEUK MYELOID	23	88.46	0	0.00	0	0.00	0	0.00	3	11.54	26	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	4	40.00	0	0.00	0	0.00	0	0.00	6	60.00	10	100.00
ALL SITESTOTALS		1085		39		117		3		161		1405	
%		77.22		2.78		8.33		0.21		11.46		100.00	

BANGALORE - 1989 MOST COMMON FORMS OF CANCERS

MALES



FEMALES



BOMBAY

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 on cancer from a precisely defined urban population (Greater Bombay). The actual compilation of data could only begin in 1964. Until then, no continuing activity on registration of cancer cases in a population had been undertaken anywhere in India. Initially the registry started in collaboration with and received financial support upto 1975 from the Biometry Branch of the National Cancer Institute of the Department of Health in Bethesda, USA. During the 1976-80, the registry received financial support from the Department of Science and Technology, Government of India, New Delhi and Indian Cancer Society. Since 1981-82, the registry is funded by the Indian Council of Medical Research, New Delhi.

Information is obtained on all cancer patients registered in 168 government hospitals / institutions and private hospitals / nursing homes in Bombay which are under the care of specialists i.e., surgeons, physicians, pathologists, radiologists and gynaecologists. The majority of hospitals in Bombay are maintained by the municipal corporation and state government, which are responsible for the organisation of public health and medical services in the city. The major source of data is the Tata Memorial Centre which is a postgraduate university teaching centre for cancer research. The city has four medical colleges. The diagnosis and treatment of cancer is centralised in certain hospitals in Bombay. Major cancer surgery is undertaken in all the major hospitals, and in some private nursing homes in the city. Facility for cobalt (60) therapy are available in three hospitals while ortho-voltage deep X-ray therapy is available in ten hospitals in the city.

General medical practitioners are not contacted individually as, according to local practice, only specialists assume charge of cancer patients in the private hospitals and nursing homes of Greater Bombay, and even those few not admitted for hospital care, are at one stage or another referred to specialists by the general practitioners.

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

With the sole exception of the Tata Memorial Hospital for cancer at Bombay, hospital out-patient records are not included in the registry files, because of a paucity of clinical details and lack of specific information on the residential status of patients attending these clinics.

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

No patient is followed up directly by the Registry staff.

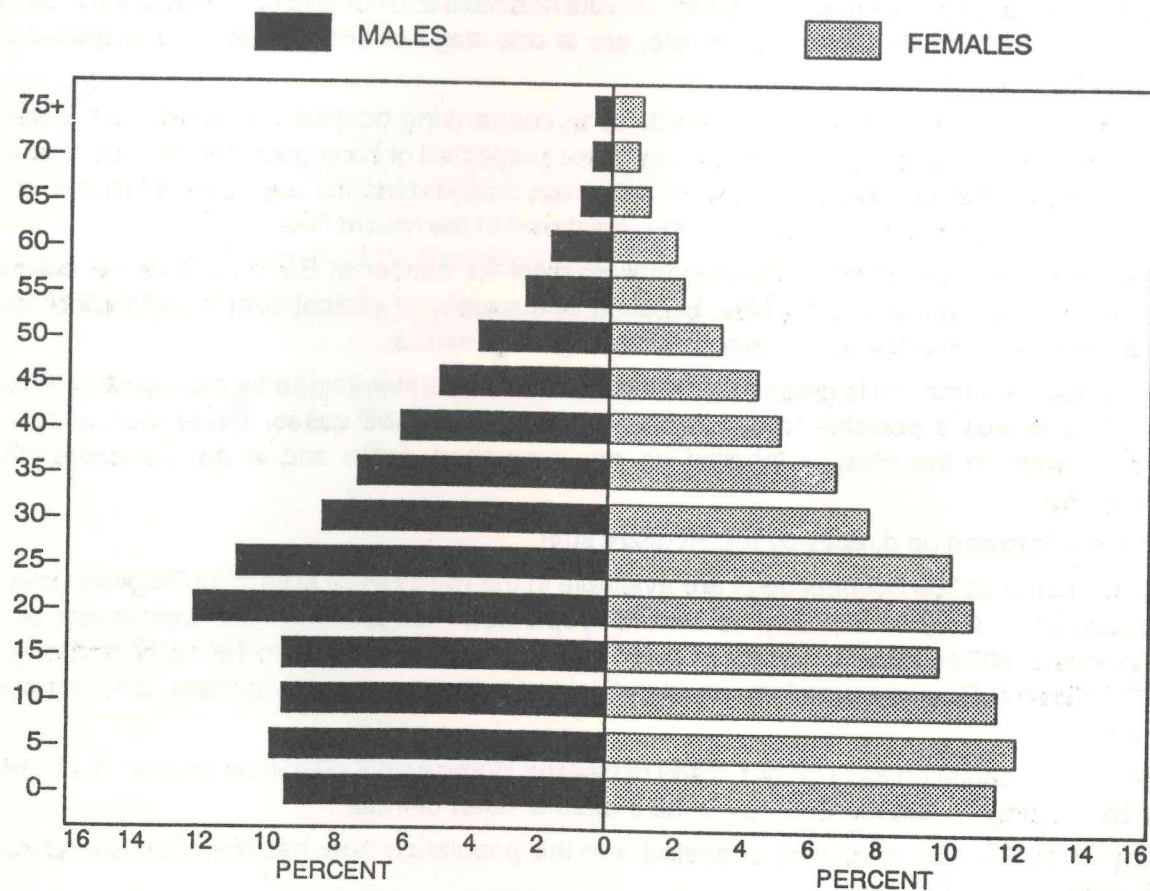
A total number of 20789 hospital beds are available in the registration area. The Registry covers the resident population of Greater Bombay, a densely populated metropolis on the west coast of India, occupying an area of 603 square kilometers, situated between latitudes 18° 54' to 19° 16' N, and longitudes 70° 47' to 73° E. Greater Bombay is, in fact, an island, joined to the mainland by bridges, and has a warm, humid climate.

The estimated population as on July 1, 1989 of Greater Bombay is 9.50 million (males : 5.25 millions, females : 4.25 millions). In fact the Bombay is the industrial heart of India.

Immigration to Bombay continues unabated and the population now has the sizeable numbers of people from every State in the Union.

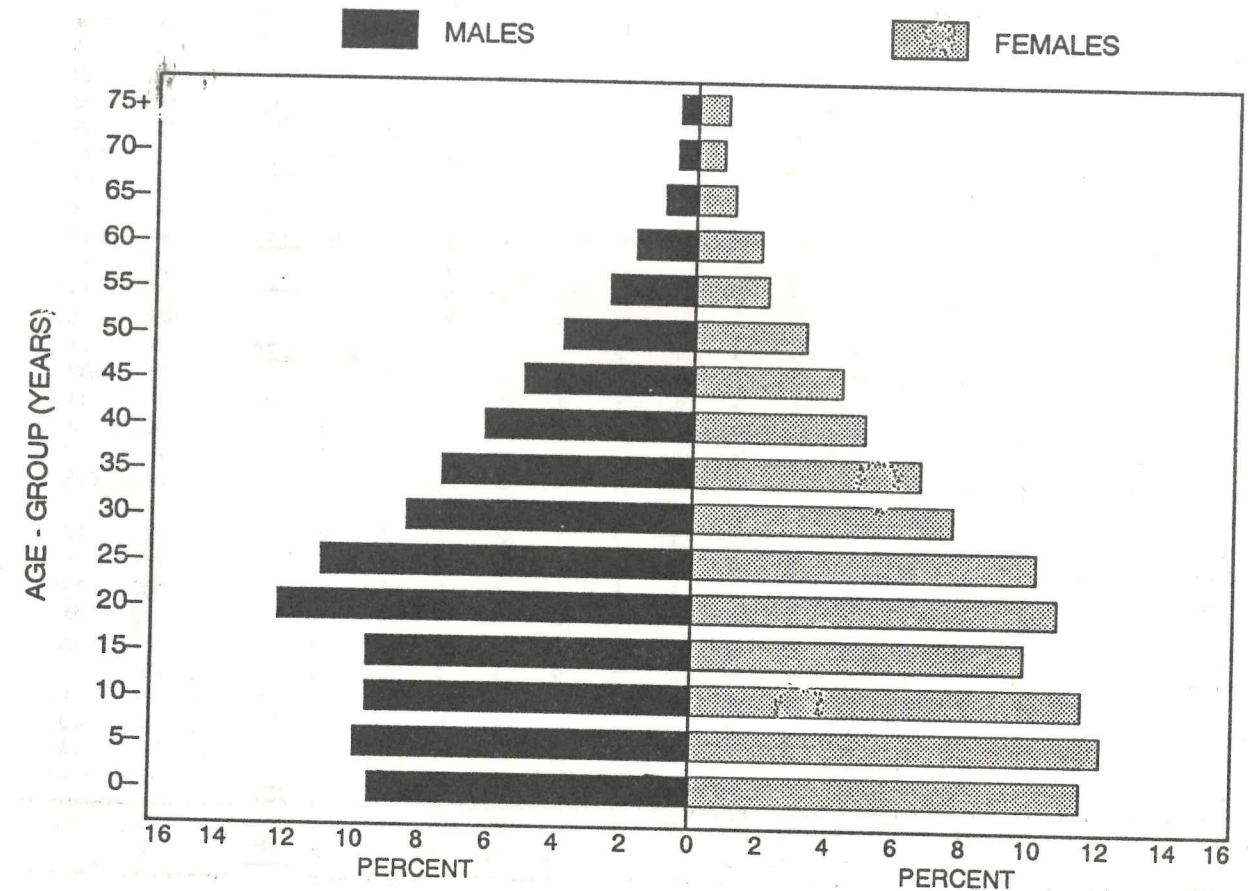
ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1988 IN BOMBAY
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	492321.0	9.53	480087.0	11.54	972408.0	10.42
5-9	516343.0	9.99	504957.0	12.14	1021300.0	10.95
10-14	498810.0	9.65	472822.0	11.37	971632.0	10.42
15-19	499404.0	9.66	407751.0	9.80	907155.0	9.73
20-24	634296.0	12.27	449640.0	10.81	1083936.0	11.62
25-29	569058.0	11.01	422832.0	10.17	991890.0	10.63
30-34	440423.0	8.52	320363.0	7.70	760786.0	8.16
35-39	387368.0	7.49	279906.0	6.73	667274.0	7.15
40-44	321786.0	6.23	211659.0	5.09	533445.0	5.72
45-49	263594.0	5.10	182376.0	4.38	445970.0	4.78
50-54	203860.0	3.94	136925.0	3.29	340785.0	3.65
55-59	134108.0	2.59	89535.0	2.15	223643.0	2.40
60-64	93327.0	1.81	79739.0	1.92	173066.0	1.86
65-69	50606.0	0.98	48410.0	1.16	99016.0	1.06
70-74	32709.0	0.63	34531.0	0.83	67240.0	0.72
75+	30517.0	0.59	37891.0	0.91	68408.0	0.73
TOTAL	5168530.0	100.00	4159424.0	100.00	9327954.0	100.00



ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1989 IN BOMBAY
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	500520.0	9.53	490955.0	11.54	991475.0	10.43
5-9	524738.0	9.99	516191.0	12.14	1040929.0	10.95
10-14	506966.0	9.65	483326.0	11.37	990292.0	10.42
15-19	507787.0	9.67	416992.0	9.81	924779.0	9.73
20-24	644847.0	12.28	459812.0	10.81	1104659.0	11.62
25-29	578454.0	11.01	432342.0	10.17	1010796.0	10.63
30-34	447584.0	8.52	327488.0	7.70	775072.0	8.15
35-39	393626.0	7.49	286102.0	6.73	679728.0	7.15
40-44	326978.0	6.22	216344.0	5.09	543322.0	5.72
45-49	267830.0	5.10	186426.0	4.38	454256.0	4.78
50-54	207138.0	3.94	139972.0	3.29	347110.0	3.65
55-59	136260.0	2.59	91525.0	2.15	227785.0	2.40
60-64	94858.0	1.81	81549.0	1.92	176407.0	1.86
65-69	51430.0	0.98	49500.0	1.16	100930.0	1.06
70-74	33242.0	0.63	35309.0	0.83	68551.0	0.72
75+	31014.0	0.59	38747.0	0.91	69761.0	0.73
TOTAL	5253272.0	100.00	4252580.0	100.00	9505852.0	100.00



POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Males

Year : 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	1	0	1	0	2	2	0	0	1	0	7	0.20
141 TONGUE	0	0	0	0	0	2	4	14	11	25	26	21	31	17	10	9	0	170	4.75
142 SALIVARY G	0	0	0	0	0	1	1	1	1	2	3	0	2	3	1	0	0	15	0.42
143 GUM	0	0	0	1	0	0	4	1	7	8	12	13	4	3	2	1	0	56	1.57
144 FLOOR OF M	0	0	0	0	0	0	1	4	0	3	5	2	0	0	0	1	0	16	0.45
145 OTHER MOUT	0	0	0	1	0	1	3	9	12	22	25	21	13	14	6	3	1	131	3.66
146 OROPHARYNX	0	0	0	0	0	1	2	6	6	16	13	13	12	14	8	6	0	97	2.71
147 NASOPHARYN	0	0	2	2	2	0	0	2	1	3	2	2	2	2	0	1	0	21	0.59
148 HYPOPHARYN	0	0	0	0	0	3	4	10	17	28	37	39	54	32	19	12	1	256	7.15
149 PHARYNX ET	0	0	0	0	0	0	0	2	5	6	8	6	6	7	2	5	0	47	1.31
150 OESOPHAGUS	0	0	0	0	1	1	2	5	15	26	36	47	46	32	28	38	0	277	7.74
151 STOMACH	0	0	0	0	1	4	1	7	13	15	27	31	34	24	18	21	0	196	5.48
152 SMALL INTE	0	0	0	0	0	0	1	1	2	1	0	0	1	0	0	1	0	7	0.20
153 COLON	0	0	0	1	3	5	4	4	7	6	10	10	12	5	8	10	0	85	2.38
154 RECTUM	0	0	0	0	1	4	1	4	6	6	17	18	9	11	7	8	0	92	2.57
155 LIVER	1	1	1	1	1	2	2	4	8	5	15	13	13	9	14	5	1	96	2.68
156 GALL BLADD	0	0	0	0	0	1	3	1	1	5	4	6	4	3	1	5	0	34	0.95
157 PANCREAS	0	0	0	0	0	0	1	4	6	4	5	7	11	12	3	5	0	58	1.62
158 RETROPERIT	0	0	0	0	0	1	0	4	2	1	2	3	1	2	2	0	0	18	0.50
159 OTHER DIS	0	0	0	0	0	0	0	0	1	1	1	0	0	2	2	1	0	8	0.22
160 NASAL CAVI	0	0	0	0	0	1	0	4	2	3	3	5	3	2	0	1	0	24	0.67
161 LARYNX	0	0	0	0	0	0	2	2	9	20	19	31	38	35	18	18	0	192	5.37
162 LUNG	0	0	1	1	0	2	5	9	16	31	44	54	78	58	29	23	0	351	9.81
163 PLEURA	0	0	1	0	0	0	1	0	2	1	1	0	2	1	2	2	0	13	0.36
164 THYMUS	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0	0	4	0.11
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	1	4	3	5	6	2	2	1	2	2	1	1	1	3	0	0	0	34	0.95
171 CONNECTIVE	3	0	4	0	0	1	5	2	4	5	4	6	4	4	1	1	0	44	1.23
172 SKIN MELAN	0	0	0	0	1	2	0	0	0	0	1	2	2	2	1	2	0	13	0.36
173 SKIN OTHER	0	1	0	2	1	1	1	3	5	3	5	7	6	4	6	8	0	53	1.48
175 BREAST MAL	0	0	0	0	0	0	0	0	0	3	3	3	3	0	0	1	0	13	0.36
185 PROSTATE	0	0	0	0	1	0	0	0	0	4	4	11	23	25	35	47	0	150	4.19
186 TESTIS	2	0	0	5	4	7	13	6	2	4	3	0	0	1	2	0	0	49	1.37
187 PENIS ETC	0	0	0	0	0	3	1	5	2	9	9	3	8	4	7	4	0	55	1.54
188 URI BLADDE	0	0	0	0	0	1	2	3	5	11	14	8	14	14	13	19	0	104	2.91
189 KIDNEY	6	2	0	0	0	0	2	3	2	2	9	11	4	5	2	2	1	51	1.43
190 EYE	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.14
191 BRAIN	3	7	9	6	5	5	6	10	9	9	10	6	7	5	7	1	0	105	2.93
192 NERVOUS SY	0	0	0	0	3	1	0	0	0	0	1	0	0	0	0	0	0	5	0.14
193 THYROID GL	0	0	1	0	0	1	3	2	1	2	2	3	1	3	2	1	0	22	0.61
194 OTH ENDO G	6	2	1	0	1	0	0	1	0	1	2	0	0	0	0	0	0	14	0.39
195 ILL DEF SI	0	1	0	1	0	0	1	2	1	1	2	0	1	0	2	1	0	13	0.36
196 SEC LYMPH	0	0	0	2	0	0	2	3	10	13	17	14	16	9	6	7	0	99	2.77
197 SEC RES ET	0	0	0	0	1	0	0	3	5	9	14	9	14	14	7	5	0	81	2.26
198 SEC OTHER	1	0	0	0	0	0	0	2	0	5	2	7	10	7	5	2	0	41	1.15
199 PRIM UNK	0	0	1	0	0	0	0	0	4	1	1	2	4	3	2	2	0	20	0.56
200 LYMPHOSARC	0	3	4	3	4	3	2	3	6	5	3	10	3	2	2	1	0	54	1.51
201 HODGKINS D	0	6	8	3	6	5	5	2	2	5	4	4	1	0	1	1	0	53	1.48
202 OTH LYMPHO	2	1	2	3	4	2	4	4	7	3	9	4	4	2	4	4	0	59	1.65
203 MULT MYELO	0	0	0	0	0	0	0	0	0	3	3	4	3	2	1	3	0	19	0.53
204 LEUK LYMPH	13	6	9	9	5	2	1	0	1	1	0	4	5	0	2	5	0	63	1.76
205 LEUK MYELO	0	7	3	4	8	3	8	3	7	4	3	4	6	4	2	2	0	68	1.90
206 LEUK MONOC	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0.06
207 LEUK OTH S	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	3	0.08
208 LEUK UNS	0	1	1	1	2	1	0	2	0	1	1	3	0	1	1	0	0	15	0.42
TOTAL	44	42	52	53	61	70	100	159	227	346	442	470	518	403	291	296	4	3578	100.00
%	1.2	1.2	1.5	1.5	1.7	2.0	2.8	4.4	6.3	9.7	12.4	13.1	14.5	11.3	8.1	8.3	0.1	100.0	

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Females

Year : 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140	LIP	0	0	0	0	0	0	0	0	1	2	1	0	1	0	0	2	0	7	0.23
141	TONGUE	0	0	0	0	1	1	0	4	6	1	9	8	10	3	5	4	0	52	1.68
142	SALIVARY G	0	0	2	0	0	1	0	2	1	0	1	0	0	2	0	1	0	10	0.32
143	GUM	0	0	0	1	0	0	0	2	5	1	4	3	6	5	0	4	0	31	1.00
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145	OTHER MOUT	0	0	0	0	0	0	2	6	8	14	7	10	16	5	3	10	1	82	2.65
146	OROPHARYNX	0	0	0	0	0	0	0	1	0	0	2	1	2	2	1	4	0	13	0.42
147	NASOPHARYN	0	0	0	0	1	1	1	0	0	0	0	1	0	0	1	2	0	7	0.23
148	HYPOPHARYN	0	0	0	0	1	1	4	5	4	4	11	11	6	4	3	3	0	57	1.84
149	PHARYNX ET	0	0	0	0	0	0	1	1	1	1	2	1	2	2	1	1	0	13	0.42
150	OESOPHAGUS	0	0	0	0	0	1	2	8	12	19	23	27	27	21	17	21	0	178	5.75
151	STOMACH	0	0	0	0	2	1	5	5	1	15	9	21	15	8	10	9	0	101	3.26
152	SMALL INTE	0	0	0	0	0	0	1	1	0	0	1	1	2	1	0	0	0	7	0.23
153	COLON	0	0	0	2	1	2	3	5	6	0	4	4	8	5	5	17	0	62	2.00
154	RECTUM	0	0	0	0	1	5	0	1	4	4	11	2	5	5	2	15	0	55	1.78
155	LIVER	2	2	0	0	1	2	2	1	3	3	3	4	2	3	9	7	0	44	1.42
156	GALL BLADD	0	0	0	0	0	0	0	3	3	6	5	7	6	6	7	4	0	47	1.52
157	PANCREAS	0	0	0	0	0	1	3	0	5	4	3	6	5	4	4	8	0	43	1.39
158	RETROPERIT	0	0	0	1	0	0	0	0	2	0	1	1	0	1	2	0	0	8	0.26
159	OTHER DIS	0	0	0	0	0	1	0	0	1	0	1	0	2	0	1	0	0	7	0.23
160	NASAL CAVI	0	0	0	0	0	0	1	0	0	1	1	1	2	0	1	0	0	7	0.23
161	LARYNX	0	0	0	0	0	0	2	1	2	2	3	4	7	3	3	6	0	33	1.07
162	LUNG	0	0	0	0	1	1	1	5	6	8	7	11	8	15	9	8	0	80	2.58
163	PLEURA	0	0	0	0	0	2	0	1	0	0	1	0	0	0	1	0	0	5	0.16
164	THYMUS	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	2	0.06
165	OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	1	2	3	0	1	0	1	2	1	1	1	1	4	0	0	0	18	0.58
171	CONNECTIVE	2	1	4	0	2	1	1	4	3	2	3	1	1	1	3	0	0	29	0.94
172	SKIN MELAN	0	0	0	0	0	2	1	1	0	0	1	0	0	1	0	0	0	6	0.19
173	SKIN OTHER	0	1	0	0	0	0	0	4	1	4	3	3	6	1	2	2	0	27	0.87
174	BREAST FEM	0	0	0	2	3	21	45	57	66	86	104	80	63	49	29	48	1	654	21.12
179	UTERINE UN	0	0	0	0	0	1	1	3	4	5	2	2	4	4	2	4	0	32	1.03
180	CERVIX UTE	0	0	0	0	2	9	21	68	49	90	76	85	63	42	22	19	1	547	17.66
181	PLACENTA	0	0	0	0	6	2	0	3	0	1	0	0	0	0	0	0	1	13	0.42
182	BODY UTERU	0	0	0	0	0	0	1	0	3	7	12	5	6	8	3	4	0	49	1.58
183	OVARY	1	0	2	4	4	1	5	11	18	23	28	22	27	18	13	11	0	188	6.07
184	VAGINA	0	0	0	0	1	1	1	2	1	4	3	4	6	6	2	5	0	36	1.16
188	URI BLADDE	1	0	0	0	0	0	0	1	2	3	3	4	1	5	5	3	0	28	0.90
189	KIDNEY	5	0	1	0	2	1	0	2	2	5	0	4	0	0	0	2	0	24	0.77
190	EYE	8	4	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	15	0.48
191	BRAIN	3	5	4	6	2	2	2	3	2	4	5	4	4	3	2	2	0	53	1.71
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.03
193	THYROID GL	0	0	0	2	3	6	3	10	9	6	8	5	6	0	1	3	0	62	2.00
194	OTH ENDO G	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	6	0.19
195	ILL DEF SI	0	0	0	0	0	0	0	2	0	0	3	4	1	0	4	3	0	17	0.55
196	SEC LYMPH	0	0	0	0	0	3	3	2	2	4	3	5	9	3	2	2	0	38	1.23
197	SEC RES ET	0	0	0	0	1	0	1	4	3	4	8	8	7	5	10	4	0	55	1.78
198	SEC OTHER	0	0	0	0	0	2	1	2	4	4	4	1	2	3	3	1	0	27	0.87
199	PRIM UNK	1	0	0	0	0	0	0	0	2	3	4	2	1	0	4	3	0	20	0.65
200	LYMPHOSARC	1	2	1	1	1	1	1	4	2	3	1	6	1	2	2	5	0	34	1.10
201	HODGKINS D	0	1	1	2	1	0	0	1	1	1	0	4	2	0	0	1	0	15	0.48
202	OTH LYMPHO	0	1	1	2	3	2	2	1	3	3	1	3	4	3	2	4	0	35	1.13
203	MULT MYELO	0	0	0	0	0	0	0	0	0	0	1	3	5	1	4	2	0	16	0.52
204	LEUK LYMPH	11	5	3	2	2	3	1	1	2	1	1	1	0	2	3	0	0	38	1.23
205	LEUK MYELO	4	4	4	2	2	3	4	9	1	3	6	2	1	0	3	1	0	49	1.58
206	LEUK MONOC	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.03
207	LEUK OTH S	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
208	LEUK UNS	1	0	2	1	0	0	0	0	0	0	0	0	1	2	0	5	0	12	0.39
TOTAL		43	29	28	31	44	84	122	250	252	353	393	385	352	260	207	260	4	3097	10.00
%		1.4	0.9	0.9	1.0	1.4	2.7	3.9	8.1	8.1	11.4	12.7	12.4	11.4	8.4	6.7	8.4	0.1	100.0	

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Males

Year : 1988

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.0	1.5	2.1	0.0	0.0	3.3	0.1	0.2	0.6
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.4	0.9	3.6	3.4	9.5	12.8	15.7	33.2	33.6	30.6	29.5	3.3	5.9	11.6
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	0.8	1.5	0.0	2.1	5.9	3.1	0.0	0.3	0.5	0.8
143 GUM	0.0	0.0	0.0	0.2	0.0	0.0	0.9	0.3	2.2	3.0	5.9	9.7	4.3	5.9	6.1	3.3	1.1	1.6	3.8
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	0.0	1.1	2.5	1.5	0.0	0.0	0.0	3.3	0.3	0.4	1.0
145 OTHER MO	0.0	0.0	0.0	0.2	0.0	0.2	0.7	2.3	3.7	8.3	12.3	15.7	13.9	27.7	18.3	9.8	2.5	4.1	8.6
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.5	1.9	6.1	6.4	9.7	12.9	27.7	24.5	19.7	1.9	3.5	5.8
147 NASOPHAR	0.0	0.0	0.4	0.4	0.3	0.0	0.0	0.5	0.3	1.1	1.0	1.5	2.1	4.0	0.0	3.3	0.4	0.6	1.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.5	0.9	2.6	5.3	10.6	18.1	29.1	57.9	63.2	58.1	39.3	5.0	9.4	17.7
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.6	2.3	3.9	4.5	6.4	13.8	6.1	16.4	0.9	1.8	2.9
150 OESOPHAG	0.0	0.0	0.0	0.0	0.2	0.2	0.5	1.3	4.7	9.9	17.7	35.0	49.3	63.2	85.6	124.5	5.4	11.4	16.8
151 STOMACH	0.0	0.0	0.0	0.0	0.2	0.7	0.2	1.8	4.0	5.7	13.2	23.1	36.4	47.4	55.0	68.8	3.8	7.7	12.1
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6	0.4	0.0	0.0	1.1	0.0	0.0	3.3	0.1	0.2	0.4
153 COLON	0.0	0.0	0.0	0.2	0.5	0.9	0.9	1.0	2.2	2.3	4.9	7.5	12.9	9.9	24.5	32.8	1.6	3.0	4.5
154 RECTUM	0.0	0.0	0.0	0.0	0.2	0.7	0.2	1.0	1.9	2.3	8.3	13.4	9.6	21.7	21.4	26.2	1.8	3.3	5.3
155 LIVER	0.2	0.2	0.2	0.2	0.2	0.4	0.5	1.0	2.5	1.9	7.4	9.7	13.9	17.8	42.8	16.4	1.9	3.5	5.3
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.3	0.3	1.9	2.0	4.5	4.3	5.9	3.1	16.4	0.7	1.2	1.9
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.0	1.9	1.5	2.5	5.2	11.8	23.7	9.2	16.4	1.1	2.3	3.4
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.0	0.6	0.4	1.0	2.2	1.1	4.0	6.1	0.0	0.3	0.6	1.0
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.0	0.0	4.0	6.1	3.3	0.2	0.4	0.2
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.2	0.0	1.0	0.6	1.1	1.5	3.7	3.2	4.0	0.0	3.3	0.5	0.7	1.7
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	2.8	7.6	9.3	23.1	40.7	69.2	55.0	59.0	3.7	8.1	11.8
162 LUNG	0.0	0.0	0.2	0.2	0.0	0.4	1.1	2.3	5.0	11.8	21.6	40.3	83.6	114.6	88.7	75.4	6.8	14.0	23.1
163 PLEURA	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.6	0.4	0.5	0.0	2.1	2.0	6.1	6.6	0.3	0.5	0.5
164 THYMUS	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.1	0.1	0.1
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.2	0.8	0.6	1.0	0.9	0.4	0.5	0.3	0.6	0.8	0.5	0.7	1.1	5.9	0.0	0.0	0.7	0.8	0.6
171 CONNECTI	0.6	0.0	0.8	0.0	0.0	0.2	1.1	0.5	1.2	1.9	2.0	4.5	4.3	7.9	3.1	3.3	0.9	1.3	2.2
172 SKIN MEL	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.0	0.5	1.5	2.1	4.0	3.1	6.6	0.3	0.5	0.5	0.5
173 SKIN OTH	0.0	0.2	0.0	0.4	0.2	0.2	0.2	0.8	1.6	1.1	2.5	5.2	6.4	7.9	18.3	26.2	1.0	2.0	2.6
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	2.2	3.2	0.0	0.0	3.3	0.3	0.4	1.2
185 PROSTATE	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.5	2.0	8.2	24.6	49.4	107.0	154.0	2.9	8.2	4.8
186 TESTIS	0.4	0.0	0.0	1.0	0.6	1.2	3.0	1.5	0.6	1.5	1.5	0.0	0.0	2.0	6.1	0.0	0.9	0.9	1.0
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.5	0.2	1.3	0.6	3.4	4.4	2.2	8.6	7.9	21.4	13.1	1.1	2.0	3.1
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.8	1.6	4.2	6.9	6.0	15.0	27.7	39.7	62.3	2.0	4.5	5.1
189 KIDNEY	1.2	0.4	0.0	0.0	0.0	0.0	0.5	0.8	0.6	0.8	4.4	8.2	4.3	9.9	6.1	6.6	1.0	1.6	2.7
190 EYE	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
191 BRAIN	0.6	1.4	1.8	1.2	0.8	0.9	1.4	2.6	2.8	3.4	4.9	4.5	7.5	9.9	21.4	3.3	2.0	2.7	4.0
192 NERVOUS	0.0	0.0	0.0	0.0	0.5	0.2	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
193 THYROID	0.0	0.0	0.2	0.0	0.0	0.2	0.7	0.5	0.3	0.8	1.0	2.2	1.1	5.9	6.1	3.3	0.4	0.7	0.9
194 OTH ENDO	1.2	0.4	0.2	0.0	0.2	0.0	0.0	0.3	0.0	0.4	1.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
195 ILL DEF	0.0	0.2	0.0	0.2	0.0	0.0	0.2	0.5	0.3	0.4	1.0	0.0	1.1	0.0	6.1	3.3	0.3	0.4	0.5
196 SEC LYMP	0.0	0.0	0.0	0.4	0.0	0.0	0.5	0.8	3.1	4.9	8.3	10.4	17.1	17.8	18.3	22.9	1.9	3.5	6.6
197 SEC RES	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.8	1.6	3.4	6.9	6.7	15.0	27.7	21.4	16.4	1.6	3.2	5.0
198 SEC OTH	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.9	1.0	5.2	10.7	13.8	15.3	6.6	0.8	1.7	2.7
199 PRIM UNK	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.2	0.4	0.5	1.5	4.3	5.9	6.1	6.6	0.4	0.8	1.1
200 LYMPHOSA	0.0	0.6	0.8	0.6	0.6	0.5	0.5	0.8	1.9	1.9	1.5	7.5	3.2	4.0	6.1	3.3	1.0	1.4	2.5
201 HODGKINS	0.0	1.2	1.6	0.6	0.9	0.9	1.1	0.5	0.6	1.9	2.0	3.0	1.1	0.0	3.1	3.3	1.0	1.1	1.4
202 OTH LYMP	0.4	0.2	0.4	0.6	0.6	0.4	0.9	1.0	2.2	1.1	4.4	3.0	4.3	4.0	12.2	13.1	1.1	1.7	2.5
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	3.0	3.2	4.0	3.1	9.8	0.4	0.8	1.3
204 LEUK LYM	2.6	1.2	1.8	1.8	0.8	0.4	0.2	0.0	0.3	0.4	0.0	3.0	5.4	0.0	6.1	16.4	1.2	1.7	1.2
205 LEUK MYE	0.0	1.4	0.6	0.8	1.3	0.5	1.8	0.8	2.2	1.5	1.5	3.0	6.4	7.9	6.1	6.6	1.3	1.7	2.3
206 LEUK MON	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
207 LEUK OTH	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
208 LEUK UNS	0.0	0.2	0.2	0.2	0.3	0.2	0.0	0.5	0.0	0.4	0.5	2.2	0.0	2.0	3.1	0.0	0.3	0.4	0.5
TOTAL	8.9	8.1	10.4	10.6	9.6	12.3	22.7	41.0	70.5	131.3	216.8	350.5	555.0	796.3	889.7	970.0	69.2	129.6	198.8

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Females

Year : 1988

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.1	0.7	0.0	1.3	0.0	0.0	5.3	0.2	0.3	0.6
141 TONGUE	0.0	0.0	0.0	0.0	0.2	0.2	0.0	1.4	2.8	0.5	6.6	8.9	12.5	6.2	14.5	10.6	1.3	2.2	4.8
142 SALIVARY	0.0	0.0	0.4	0.0	0.0	0.2	0.0	0.7	0.5	0.0	0.7	0.0	0.0	4.1	0.0	2.6	0.2	0.3	0.3
143 GUM	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.7	2.4	0.5	2.9	3.4	7.5	10.3	0.0	10.6	0.7	1.3	2.6
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.1	3.8	7.7	5.1	11.2	20.1	10.3	8.7	26.4	2.0	3.4	7.5
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.5	1.1	2.5	4.1	2.9	10.6	0.3	0.6	0.8
147 NASOPHAR	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.0	0.0	0.0	1.1	0.0	0.0	2.9	5.3	0.2	0.3	0.1	0.1
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.2	0.2	1.2	1.8	1.9	2.2	8.0	12.3	7.5	8.3	8.7	7.9	1.4	2.2	5.0
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.5	0.5	1.5	1.1	2.5	4.1	2.9	2.6	0.3	0.6	1.0
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.2	0.6	2.9	5.7	10.4	16.8	30.2	33.9	43.4	49.2	55.4	4.3	8.0	14.6
151 STOMACH	0.0	0.0	0.0	0.0	0.4	0.2	1.6	1.8	0.5	8.2	6.6	23.5	18.8	16.5	29.0	23.8	2.4	4.3	8.5
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.0	0.7	1.1	2.5	2.1	0.0	0.0	0.2	0.3	0.7
153 COLON	0.0	0.0	0.0	0.5	0.2	0.5	0.9	1.8	2.8	0.0	2.9	4.5	10.0	10.3	14.5	44.9	1.5	2.7	3.2
154 RECTUM	0.0	0.0	0.0	0.0	0.2	1.2	0.0	0.4	1.9	2.2	8.0	2.2	6.3	10.3	5.8	39.6	1.3	2.3	3.3
155 LIVER	0.4	0.4	0.0	0.0	0.2	0.5	0.6	0.4	1.4	1.6	2.2	4.5	2.5	6.2	26.1	18.5	1.1	1.9	1.9
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.4	3.3	3.7	7.8	7.5	12.4	20.3	10.6	1.1	2.1	3.7
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.2	0.9	0.0	2.4	2.2	2.2	6.7	6.3	8.3	11.6	21.1	1.0	1.9	2.9
158 RETROPER	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.9	0.0	0.7	1.1	0.0	2.1	5.8	0.0	0.2	0.3	0.4
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.0	0.5	0.0	2.2	0.0	2.1	2.9	0.0	0.2	0.3	0.5
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.5	0.7	1.1	2.5	0.0	2.9	0.0	0.2	0.3	0.7
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.4	0.9	1.1	2.2	4.5	8.8	6.2	8.7	15.8	0.8	1.5	2.5
162 LUNG	0.0	0.0	0.0	0.0	0.2	0.2	0.3	1.8	2.8	4.4	5.1	12.3	10.0	31.0	26.1	21.1	1.9	3.6	5.4
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.4	0.0	0.0	0.7	0.0	0.0	0.0	2.9	0.0	0.1	0.2	0.2
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.1	0.1
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.2	0.4	0.7	0.0	0.2	0.0	0.4	0.9	0.5	0.7	1.1	1.3	8.3	0.0	0.0	0.4	0.6	0.8
171 CONNECTI	0.4	0.2	0.8	0.0	0.4	0.2	0.3	1.4	1.4	1.1	2.2	1.1	1.3	2.1	8.7	0.0	0.7	0.9	1.4
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.4	0.0	0.0	0.7	0.0	0.0	2.1	0.0	0.0	0.1	0.2	0.2
173 SKIN OTH	0.0	0.2	0.0	0.0	0.0	0.0	0.0	1.4	0.5	2.2	2.2	3.4	7.5	2.1	5.8	5.3	0.6	1.1	2.5
174 BREAST F	0.0	0.0	0.0	0.5	0.7	5.0	14.0	20.4	31.2	47.2	76.0	89.3	79.0	101.2	84.0	126.7	15.7	25.0	53.1
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.1	1.9	2.7	1.5	2.2	5.0	8.3	5.8	10.6	0.8	1.3	2.3
180 CERVIX U	0.0	0.0	0.0	0.0	0.4	2.1	6.6	24.3	23.2	49.3	55.5	94.9	79.0	86.8	63.7	50.1	13.2	21.0	50.1
181 PLACENTA	0.0	0.0	0.0	0.0	1.3	0.5	0.0	1.1	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.3
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.4	3.8	8.8	5.6	7.5	16.5	8.7	10.6	1.2	2.2	4.1
183 OVARY	0.2	0.0	0.4	1.0	0.9	0.2	1.6	3.9	8.5	12.6	20.4	24.6	33.9	37.2	37.6	29.0	4.5	7.6	15.7
184 VAGINA	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.7	0.5	2.2	2.2	4.5	7.5	12.4	5.8	13.2	0.9	1.6	2.6
188 URI BLAD	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.6	2.2	4.5	1.3	10.3	14.5	7.9	0.7	1.3	1.7
189 KIDNEY	1.0	0.0	0.2	0.0	0.4	0.2	0.0	0.7	0.9	2.7	0.0	4.5	0.0	0.0	0.0	5.3	0.6	0.7	1.4
190 EYE	1.7	0.8	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	2.9	0.0	0.4	0.4	0.1
191 BRAIN	0.6	1.0	0.8	1.5	0.4	0.5	0.6	1.1	0.9	2.2	3.7	4.5	5.0	6.2	5.8	5.3	1.3	1.7	2.6
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
193 THYROID	0.0	0.0	0.0	0.5	0.7	1.4	0.9	3.6	4.3	3.3	5.8	5.6	7.5	0.0	2.9	7.9	1.5	2.0	4.8
194 OTH ENDO	0.4	0.4	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.2	4.5	1.3	0.0	11.6	7.9	0.4	0.8	1.2
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.7	0.9	2.2	2.2	5.6	11.3	6.2	5.8	5.3	0.9	1.5	3.3
197 SEC RES	0.0	0.0	0.0	0.0	0.2	0.0	0.3	1.4	1.4	2.2	5.8	8.9	8.8	10.3	29.0	10.6	1.3	2.4	4.2
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.7	1.9	2.2	2.9	1.1	2.5	6.2	8.7	2.6	0.6	1.0	1.9
199 PRIM UNK	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.6	2.9	2.2	1.3	0.0	11.6	7.9	0.5	0.9	1.4
200 LYMPHOSA	0.2	0.4	0.2	0.2	0.2	0.2	0.3	1.4	0.9	1.6	0.7	6.7	1.3	4.1	5.8	13.2	0.8	1.3	1.9
201 HODGKINS	0.0	0.2	0.2	0.5	0.2	0.0	0.0	0.4	0.5	0.5	0.0	4.5	2.5	0.0	0.0	2.6	0.4	0.5	1.2
202 OTH LYMP	0.0	0.2	0.2	0.5	0.7	0.5	0.6	0.4	1.4	1.6	0.7	3.4	5.0	6.2	5.8	10.6	0.8	1.3	1.9
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.4	6.3	2.1	11.6	5.3	0.4	0.8	1.4
204 LEUK LYM	2.3	1.0	0.6	0.5	0.4	0.7	0.3	0.4	0.9	0.5	0.7	1.1	0.0	4.1	8.7	0.0	0.9	1.1	0.6
205 LEUK MYE	0.8	0.8	0.8	0.5	0.4	0.7	1.2	3.2	0.5	1.6	4.4	2.2	1.3	0.0	8.7	2.6	1.2	1.4	2.2
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
207 LEUK OTH	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.2	0.0	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	4.1	0.0	13.2	0.3	0.5	0.2
TOTAL	9.0	5.7	5.9	7.6	9.8	19.9	38.1	89.3	119.1	193.6	287.0	430.0	441.4	537.1	599.5	686.2	74.5	122.7	236.5

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Males

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.02	0.02	0.02
141	TONGUE	0.00	0.01	0.56	0.40	0.72
142	SALIVARY GLANDS	0.00	0.00	0.05	0.03	0.07
143	GUM	0.00	0.01	0.16	0.13	0.19
144	FLOOR OF MOUTH	0.00	0.00	0.03	0.03	0.03
145	OTHER MOUTH	0.00	0.01	0.42	0.29	0.52
146	OROPHARYNX	0.00	0.00	0.33	0.20	0.45
147	NASOPHARYNX	0.00	0.00	0.05	0.04	0.06
148	HYPOPHARYNX	0.00	0.01	0.93	0.62	1.22
149	PHARYNX ETC	0.00	0.00	0.16	0.10	0.20
150	OESOPHAGUS	0.00	0.00	0.90	0.59	1.33
151	STOMACH	0.00	0.01	0.66	0.43	0.93
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.01
153	COLON	0.00	0.01	0.20	0.17	0.34
154	RECTUM	0.00	0.01	0.29	0.19	0.40
155	LIVER	0.00	0.01	0.27	0.19	0.49
156	GALL BLADDER	0.00	0.00	0.10	0.07	0.12
157	PANCREAS	0.00	0.00	0.24	0.12	0.28
158	RETROPERITONEUM	0.00	0.00	0.05	0.03	0.08
159	OTHER DIS SYS	0.00	0.00	0.03	0.01	0.06
160	NASAL CAVITY	0.00	0.00	0.08	0.06	0.08
161	LARYNX	0.00	0.00	0.76	0.42	1.04
162	LUNG	0.00	0.01	1.39	0.83	1.83
163	PLEURA	0.00	0.00	0.03	0.02	0.06
164	THYMUS	0.00	0.00	0.01	0.00	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.01	0.05	0.04	0.07
171	CONNECTIVE TISS	0.01	0.01	0.11	0.09	0.14
172	SKIN MELANOMA	0.00	0.00	0.04	0.02	0.06
173	SKIN OTHER	0.00	0.00	0.13	0.09	0.22
175	BREAST MALE	0.00	0.00	0.04	0.04	0.04
185	PROSTATE	0.00	0.00	0.43	0.18	0.96
186	TESTIS	0.00	0.03	0.04	0.06	0.10
187	PENIS ETC	0.00	0.00	0.14	0.11	0.25
188	URI BLADDER	0.00	0.00	0.31	0.17	0.51
189	KIDNEY	0.01	0.00	0.14	0.11	0.19
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.02	0.02	0.18	0.17	0.32
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.01	0.01
193	THYROID GLAND	0.00	0.00	0.06	0.03	0.09
194	OTH ENDO GLANDS	0.01	0.00	0.01	0.02	0.02
195	ILL DEF SITES	0.00	0.00	0.02	0.02	0.05
196	SEC LYMPH NODES	0.00	0.00	0.31	0.23	0.41
197	SEC RES ETC	0.00	0.00	0.31	0.17	0.42
198	SEC OTHER	0.00	0.00	0.17	0.10	0.24
199	PRIM UNK	0.00	0.00	0.07	0.04	0.10
200	LYMPHOSARCOMA	0.01	0.01	0.10	0.10	0.15
201	HODGKINS DIS	0.01	0.02	0.05	0.08	0.09
202	OTH LYMPHOMA	0.01	0.01	0.10	0.10	0.18
203	MULT MYELOMA	0.00	0.00	0.06	0.04	0.08
204	LEUK LYMPHATIC	0.03	0.02	0.05	0.09	0.12
205	LEUK MYELOID	0.01	0.02	0.12	0.11	0.18
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.03	0.02	0.05
ALL SITES		0.14	0.28	10.24	6.98	14.15

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Females

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.02	0.02	0.02
141	TONGUE	0.00	0.00	0.20	0.17	0.27
142	SALIVARY GLANDS	0.00	0.00	0.03	0.01	0.03
143	GUM	0.00	0.00	0.14	0.09	0.14
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.30	0.25	0.35
146	OROPHARYNX	0.00	0.00	0.05	0.03	0.06
147	NASOPHARYNX	0.00	0.00	0.01	0.01	0.02
148	HYPOPHARYNX	0.00	0.01	0.21	0.18	0.26
149	PHARYNX ETC	0.00	0.00	0.05	0.03	0.07
150	OESOPHAGUS	0.00	0.00	0.71	0.50	0.96
151	STOMACH	0.00	0.01	0.38	0.31	0.53
152	SMALL INTESTINE	0.00	0.00	0.03	0.03	0.04
153	COLON	0.00	0.01	0.16	0.12	0.24
154	RECTUM	0.00	0.01	0.16	0.11	0.19
155	LIVER	0.00	0.01	0.09	0.07	0.23
156	GALL BLADDER	0.00	0.00	0.19	0.12	0.29
157	PANCREAS	0.00	0.01	0.14	0.10	0.20
158	RETROPERITONEUM	0.00	0.00	0.02	0.02	0.05
159	OTHER DIS SYS	0.00	0.00	0.03	0.02	0.04
160	NASAL CAVITY	0.00	0.00	0.02	0.03	0.04
161	LARYNX	0.00	0.00	0.12	0.09	0.17
162	LUNG	0.00	0.00	0.34	0.19	0.47
163	PLEURA	0.00	0.00	0.01	0.01	0.02
164	THYMUS	0.00	0.00	0.01	0.00	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.00	0.07	0.03	0.07
171	CONNECTIVE TISS	0.01	0.00	0.05	0.05	0.11
172	SKIN MELANOMA	0.00	0.00	0.02	0.01	0.02
173	SKIN OTHER	0.00	0.00	0.10	0.09	0.13
174	BREAST FEM	0.00	0.10	2.20	1.80	2.70
179	UTERINE UNS	0.00	0.00	0.11	0.07	0.14
180	CERVIX UTERI	0.00	0.05	2.04	1.66	2.40
181	PLACENTA	0.00	0.01	0.01	0.02	0.02
182	BODY UTERUS	0.00	0.00	0.22	0.14	0.26
183	OVARY	0.00	0.02	0.70	0.54	0.91
184	VAGINA	0.00	0.00	0.15	0.09	0.18
188	URI BLADDER	0.00	0.00	0.11	0.06	0.18
189	KIDNEY	0.01	0.00	0.04	0.05	0.05
190	EYE	0.01	0.00	0.00	0.02	0.03
191	BRAIN	0.01	0.02	0.12	0.11	0.17
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.02	0.15	0.17	0.18
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.04	0.04	0.10
196	SEC LYMPH NODES	0.00	0.01	0.15	0.12	0.18
197	SEC RES ETC	0.00	0.00	0.19	0.15	0.34
198	SEC OTHER	0.00	0.00	0.09	0.06	0.13
199	PRIM UNK	0.00	0.00	0.04	0.05	0.10
200	LYMPHOSARCOMA	0.00	0.01	0.08	0.07	0.12
201	HODGKINS DIS	0.00	0.00	0.04	0.05	0.05
202	OTH LYMPHOMA	0.00	0.01	0.09	0.08	0.14
203	MULT MYELOMA	0.00	0.00	0.06	0.05	0.12
204	LEUK LYMPHATIC	0.02	0.01	0.04	0.05	0.11
205	LEUK MYELOID	0.01	0.01	0.07	0.09	0.14
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.03	0.01	0.03
ALL SITES		0.10	0.38	9.96	7.95	12.61

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Males

Year : 1988

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
141	TONGUE	152	89.41	0	0.00	11	6.47	1	0.59	6	3.53	170	100.00
142	SALIVARY GLANDS	14	93.33	0	0.00	0	0.00	0	0.00	1	6.67	15	100.00
143	GUM	51	91.07	2	3.57	3	5.36	0	0.00	0	0.00	56	100.00
144	FLOOR OF MOUTH	15	93.75	0	0.00	1	6.25	0	0.00	0	0.00	16	100.00
145	OTHER MOUTH	119	90.84	0	0.00	7	5.34	0	0.00	5	3.82	131	100.00
146	OROPHARYNX	87	89.69	1	1.03	9	9.28	0	0.00	0	0.00	97	100.00
147	NASOPHARYNX	17	80.95	0	0.00	3	14.29	0	0.00	1	4.76	21	100.00
148	HYPOPHARYNX	224	87.50	8	3.13	20	7.81	3	1.17	1	0.39	256	100.00
149	PHARYNX ETC	30	63.83	0	0.00	3	6.38	0	0.00	14	29.79	47	100.00
150	OESOPHAGUS	178	64.26	32	11.55	30	10.83	2	0.72	35	12.64	277	100.00
151	STOMACH	120	61.22	5	2.55	36	18.37	16	8.16	19	9.69	196	100.00
152	SMALL INTESTINE	5	71.43	0	0.00	1	14.29	0	0.00	1	14.29	7	100.00
153	COLON	59	69.41	5	5.88	13	15.29	2	2.35	6	7.06	85	100.00
154	RECTUM	72	78.26	1	1.09	9	9.78	4	4.35	6	6.52	92	100.00
155	LIVER	33	34.38	7	7.29	39	40.63	6	6.25	11	11.46	96	100.00
156	GALL BLADDER	16	47.06	4	11.76	8	23.53	3	8.82	3	8.82	34	100.00
157	PANCREAS	18	31.03	3	5.17	18	31.03	9	15.52	10	17.24	58	100.00
158	RETROPERITONEUM	14	77.78	1	5.56	1	5.56	2	11.11	0	0.00	18	100.00
159	OTHER DIS SYS	3	37.50	1	12.50	0	0.00	0	0.00	4	50.00	8	100.00
160	NASAL CAVITY	21	87.50	1	4.17	1	4.17	0	0.00	1	4.17	24	100.00
161	LARYNX	145	75.52	1	0.52	28	14.58	0	0.00	18	9.38	192	100.00
162	LUNG	213	60.68	34	9.69	48	13.68	19	5.41	37	10.54	351	100.00
163	PLEURA	9	69.23	1	7.69	3	23.08	0	0.00	0	0.00	13	100.00
164	THYMUS	3	75.00	0	0.00	0	0.00	0	0.00	1	25.00	4	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	29	85.29	2	5.88	2	5.88	0	0.00	1	2.94	34	100.00
171	CONNECTIVE TISS	40	90.91	0	0.00	2	4.55	0	0.00	2	4.55	44	100.00
172	SKIN MELANOMA	11	84.62	0	0.00	0	0.00	1	7.69	1	7.69	13	100.00
173	SKIN OTHER	49	92.45	0	0.00	3	5.66	0	0.00	1	1.89	53	100.00
175	BREAST MALE	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	100.00
185	PROSTATE	122	81.33	7	4.67	14	9.33	3	2.00	4	2.67	150	100.00
186	TESTIS	42	85.71	0	0.00	6	12.24	1	2.04	0	0.00	49	100.00
187	PENIS ETC	50	90.91	0	0.00	5	9.09	0	0.00	0	0.00	55	100.00
188	URI BLADDER	85	81.73	1	0.96	9	8.65	1	0.96	8	7.69	104	100.00
189	KIDNEY	44	86.27	2	3.92	3	5.88	1	1.96	1	1.96	51	100.00
190	EYE	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
191	BRAIN	81	77.14	3	2.86	15	14.29	0	0.00	6	5.71	105	100.00
192	NERVOUS SYSTEM	4	80.00	1	20.00	0	0.00	0	0.00	0	0.00	5	100.00
193	THYROID GLAND	18	81.82	0	0.00	3	13.64	1	4.55	0	0.00	22	100.00
194	OTH ENDO GLANDS	12	85.71	0	0.00	1	7.14	0	0.00	1	7.14	14	100.00
195	ILL DEF SITES	3	23.08	0	0.00	5	38.46	1	7.69	4	30.77	13	100.00
196	SEC LYMPH NODES	89	89.90	0	0.00	6	6.06	0	0.00	4	4.04	99	100.00
197	SEC RES ETC	47	58.02	14	17.28	19	23.46	0	0.00	1	1.23	81	100.00
198	SEC OTHER	33	80.49	2	4.88	5	12.20	1	2.44	0	0.00	41	100.00
199	PRIM UNK	5	25.00	0	0.00	9	45.00	2	10.00	4	20.00	20	100.00
200	LYMPHOSARCOMA	52	96.30	0	0.00	2	3.70	0	0.00	0	0.00	54	100.00
201	HODGKINS DIS	50	94.34	0	0.00	1	1.89	0	0.00	2	3.77	53	100.00
202	OTH LYMPHOMA	54	91.53	0	0.00	0	0.00	1	1.69	4	6.78	59	100.00
203	MULT MYELOMA	16	84.21	0	0.00	0	0.00	0	0.00	3	15.79	19	100.00
204	LEUK LYMPHATIC	57	90.48	0	0.00	0	0.00	0	0.00	6	9.52	63	100.00
205	LEUK MYELOID	61	89.71	0	0.00	0	0.00	1	1.47	6	8.82	68	100.00
206	LEUK MONOCYTIC	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
207	LEUK OTH SPE	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
208	LEUK UNS	11	73.33	0	0.00	0	0.00	0	0.00	4	26.67	15	100.00
ALL SITES TOTALS		2711		139		404		81		243		3578	
%		75.77		3.88		11.29		2.26		6.79		100.00	

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Females

Year : 1988

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
141	TONGUE	41	78.85	0	0.00	4	7.69	0	0.00	7	13.46	52	100.00
142	SALIVARY GLANDS	9	90.00	0	0.00	1	10.00	0	0.00	0	0.00	10	100.00
143	GUM	25	80.65	1	3.23	2	6.45	0	0.00	3	9.68	31	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	69	84.15	0	0.00	7	8.54	0	0.00	6	7.32	82	100.00
146	OROPHARYNX	12	92.31	1	7.69	0	0.00	0	0.00	0	0.00	13	100.00
147	NASOPHARYNX	6	85.71	0	0.00	0	0.00	0	0.00	1	14.29	7	100.00
148	HYPOPHARYNX	50	87.72	2	3.51	4	7.02	0	0.00	1	1.75	57	100.00
149	PHARYNX ETC	9	69.23	0	0.00	1	7.69	1	7.69	2	15.38	13	100.00
150	OESOPHAGUS	106	59.55	13	7.30	24	13.48	3	1.69	32	17.98	178	100.00
151	STOMACH	54	53.47	4	3.96	18	17.82	5	4.95	20	19.80	101	100.00
152	SMALL INTESTINE	6	85.71	0	0.00	0	0.00	0	0.00	1	14.29	7	100.00
153	COLON	42	67.74	4	6.45	7	11.29	1	1.61	8	12.90	62	100.00
154	RECTUM	39	70.91	0	0.00	12	21.82	0	0.00	4	7.27	55	100.00
155	LIVER	16	36.36	1	2.27	6	13.64	2	4.55	19	43.18	44	100.00
156	GALL BLADDER	25	53.19	4	8.51	11	23.40	5	10.64	2	4.26	47	100.00
157	PANCREAS	13	30.23	5	11.63	10	23.26	6	13.95	9	20.93	43	100.00
158	RETROPERITONEUM	5	62.50	0	0.00	1	12.50	0	0.00	2	25.00	8	100.00
159	OTHER DIS SYS	3	42.86	0	0.00	1	14.29	0	0.00	3	42.86	7	100.00
160	NASAL CAVITY	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
161	LARYNX	23	69.70	0	0.00	5	15.15	1	3.03	4	12.12	33	100.00
162	LUNG	37	46.25	4	5.00	25	31.25	1	1.25	13	16.25	80	100.00
163	PLEURA	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
164	THYMUS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	12	66.67	1	5.56	1	5.56	0	0.00	4	22.22	18	100.00
171	CONNECTIVE TISS	26	89.66	2	6.90	0	0.00	0	0.00	1	3.45	29	100.00
172	SKIN MELANOMA	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
173	SKIN OTHER	25	92.59	0	0.00	2	7.41	0	0.00	0	0.00	27	100.00
174	BREAST FEM	531	81.19	9	1.38	66	10.09	2	0.31	46	7.03	654	100.00
179	UTERINE UNS	7	21.88	0	0.00	6	18.75	2	6.25	17	53.13	32	100.00
180	CERVIX UTERI	459	83.91	1	0.18	51	9.32	0	0.00	36	6.58	547	100.00
181	PLACENTA	7	53.85	0	0.00	6	46.15	0	0.00	0	0.00	13	100.00
182	BODY UTERUS	48	97.96	0	0.00	0	0.00	0	0.00	1	2.04	49	100.00
183	OVARY	136	72.34	6	3.19	24	12.77	5	2.66	17	9.04	188	100.00
184	VAGINA	34	94.44	0	0.00	0	0.00	0	0.00	2	5.56	36	100.00
188	URI BLADDER	22	78.57	0	0.00	1	3.57	1	3.57	4	14.29	28	100.00
189	KIDNEY	21	87.50	0	0.00	1	4.17	0	0.00	2	8.33	24	100.00
190	EYE	10	66.67	0	0.00	2	13.33	0	0.00	3	20.00	15	100.00
191	BRAIN	35	66.04	3	5.66	9	16.98	0	0.00	6	11.32	53	100.00
192	NERVOUS SYSTEM	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
193	THYROID GLAND	56	90.32	0	0.00	4	6.45	0	0.00	2	3.23	62	100.00
194	OTH ENDO GLANDS	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
195	ILL DEF SITES	5	29.41	0	0.00	8	47.06	0	0.00	4	23.53	17	100.00
196	SEC LYMPH NODES	34	89.47	0	0.00	4	10.53	0	0.00	0	0.00	38	100.00
197	SEC RES ETC	28	50.91	12	21.82	9	16.36	5	9.09	1	1.82	55	100.00
198	SEC OTHER	21	77.78	4	14.81	2	7.41	0	0.00	0	0.00	27	100.00
199	PRIM UNK	2	10.00	0	0.00	7	35.00	0	0.00	11	55.00	20	100.00
200	LYMPHOSARCOMA	32	94.12	0	0.00	0	0.00	0	0.00	2	5.88	34	100.00
201	HODGKINS DIS	15	100.00	0	0.00	0	0.00	0	0.00	0	0.00	15	100.00
202	OTH LYMPHOMA	31	88.57	0	0.00	0	0.00	0	0.00	4	11.43	35	100.00
203	MULT MYELOMA	15	93.75	0	0.00	0	0.00	0	0.00	1	6.25	16	100.00
204	LEUK LYMPHATIC	35	92.11	0	0.00	0	0.00	0	0.00	3	7.89	38	100.00
205	LEUK MYELOID	45	91.84	0	0.00	1	2.04	0	0.00	3	6.12	49	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
207	LEUK OTH SPE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
208	LEUK UNS	6	50.00	0	0.00	0	0.00	0	0.00	6	50.00	12	100.00
ALL SITES TOTALS		2321		78		344		40		314		3097	
%		74.94		2.52		11.11		1.29		10.14		100.00	

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Males

Year : 1989

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	1	2	1	1	1	1	0	0	7	0.19
141 TONGUE	0	0	0	0	1	2	3	13	14	26	32	30	23	19	11	16	0	190	5.14
142 SALIVARY G	0	0	0	0	0	5	0	0	4	1	2	1	2	1	1	0	0	17	0.46
143 GUM	0	0	0	0	2	2	2	2	6	7	5	6	9	5	1	2	0	49	1.33
144 FLOOR OF M	0	0	0	0	0	1	1	1	3	3	5	6	1	1	1	0	0	23	0.62
145 OTHER MOUT	0	0	0	0	1	1	2	6	12	20	22	11	17	11	4	6	0	113	3.06
146 OROPHARYNX	0	0	0	0	0	0	2	6	6	10	13	11	19	8	7	6	0	88	2.38
147 NASOPHARYN	0	0	0	1	1	0	1	3	3	2	0	4	1	3	0	1	0	20	0.54
148 HYPOPHARYN	0	0	0	0	1	3	4	13	25	25	43	40	39	19	14	17	0	243	6.57
149 PHARYNX ET	0	0	1	0	0	0	1	2	5	5	7	8	8	4	4	5	0	50	1.35
150 OESOPHAGUS	0	0	0	0	1	3	2	6	21	26	37	57	41	35	27	37	0	293	7.92
151 STOMACH	0	0	0	1	1	1	6	8	12	15	21	26	24	24	19	21	1	180	4.87
152 SMALL INTE	0	0	0	0	0	0	0	0	0	1	1	1	4	4	1	0	0	12	0.32
153 COLON	0	0	1	1	3	2	6	3	3	12	6	8	9	12	11	20	0	97	2.62
154 RECTUM	0	0	0	1	2	2	1	6	9	8	19	16	11	15	5	12	0	107	2.89
155 LIVER	2	0	0	0	1	1	1	5	6	7	9	12	15	15	9	7	0	90	2.43
156 GALL BLADD	0	0	0	0	0	1	3	1	4	5	9	3	10	6	4	0	0	46	1.24
157 PANCREAS	0	0	0	0	0	1	1	4	3	9	6	7	9	12	5	6	0	63	1.70
158 RETROPERIT	0	0	0	0	1	1	0	0	1	1	2	0	1	2	0	1	0	10	0.27
159 OTHER DIS	0	0	0	0	0	0	0	0	1	1	3	4	4	3	1	1	0	18	0.49
160 NASAL CAVI	1	0	0	0	0	1	2	4	2	3	7	1	7	5	2	4	0	39	1.05
161 LARYNX	0	0	0	0	2	0	3	6	15	26	38	36	45	31	21	13	0	236	6.38
162 LUNG	0	1	0	0	0	4	1	6	19	28	61	74	70	58	25	30	0	377	10.19
163 PLEURA	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	1	1	6	0.16
164 THYMUS	0	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	0	4	0.11
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	2	6	14	7	3	3	2	1	1	1	1	1	0	0	1	0	43	1.16
171 CONNECTIVE	2	2	0	4	3	4	7	5	3	2	5	3	5	2	6	1	0	54	1.46
172 SKIN MELAN	0	0	0	0	1	0	0	0	0	1	0	1	2	2	0	1	0	8	0.22
173 SKIN OTHER	0	0	0	0	1	3	2	1	1	7	4	4	4	0	6	5	1	39	1.05
175 BREAST MAL	0	0	0	0	0	0	0	0	0	2	3	1	1	1	1	0	0	9	0.24
185 PROSTATE	0	0	0	0	0	0	1	0	1	3	8	14	19	21	29	38	0	134	3.62
186 TESTIS	4	0	0	0	6	11	6	8	3	3	2	2	1	0	0	1	0	47	1.27
187 PENIS ETC	0	0	0	0	0	5	2	2	2	7	5	4	5	1	7	6	0	46	1.24
188 URI BLADDE	1	0	0	0	1	0	0	2	5	3	8	12	17	21	14	10	0	94	2.54
189 KIDNEY	4	1	1	0	1	0	1	1	4	2	12	2	8	2	1	4	0	44	1.19
190 EYE	3	4	0	1	0	0	0	2	1	0	0	0	0	0	1	2	0	14	0.38
191 BRAIN	4	7	4	4	3	2	6	7	8	6	12	19	9	7	3	4	0	105	2.84
192 NERVOUS SY	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0.08
193 THYROID GL	0	0	0	1	3	3	2	1	1	0	4	4	4	1	0	2	0	26	0.70
194 OTH ENDO G	3	1	1	1	0	1	0	0	1	2	0	0	0	0	0	0	0	10	0.27
195 ILL DEF SI	0	0	0	0	1	0	0	0	1	0	0	3	0	3	0	0	0	8	0.22
196 SEC LYMPH	0	0	0	0	1	1	2	5	2	11	13	16	12	16	3	10	0	92	2.49
197 SEC RES ET	0	0	0	0	1	1	2	2	6	7	14	11	10	11	5	3	0	73	1.97
198 SEC OTHER	0	0	0	0	0	1	2	1	1	2	6	9	3	8	5	1	0	39	1.05
199 PRIM UNK	1	0	0	0	0	2	1	2	0	2	3	6	3	5	1	4	0	30	0.81
200 LYMPHOSARC	2	1	1	2	4	6	6	6	4	6	5	4	3	5	1	0	0	56	1.51
201 HODGKINS D	2	5	4	11	8	3	3	4	4	3	2	1	7	1	0	0	0	58	1.57
202 OTH LYMPHO	3	4	1	7	10	4	2	6	5	2	7	10	9	7	5	6	0	88	2.38
203 MULT MYELO	0	0	0	1	0	1	0	1	4	4	4	0	11	3	2	3	0	34	0.92
204 LEUK LYMPH	11	11	5	7	4	0	2	4	2	8	1	2	4	3	1	1	0	66	1.78
205 LEUK MYELO	3	0	5	5	2	7	7	8	10	11	4	5	3	3	2	3	0	78	2.11
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.03
207 LEUK OTH S	1	2	0	2	0	0	0	1	1	2	0	0	0	0	0	0	0	9	0.24
208 LEUK UNS	0	2	1	1	0	3	0	0	0	0	1	2	1	1	0	0	0	12	0.32
TOTAL	48	44	31	65	75	94	99	168	245	340	474	500	513	419	268	312	3	3698	100.00
%	1.3	1.2	0.8	1.8	2.0	2.5	2.7	4.5	6.6	9.2	12.8	13.5	13.9	11.3	7.2	8.4	0.1	100.0	

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Females

Year : 1989

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	2	0	0	1	0	1	1	0	0	1	0	6	0.19
141 TONGUE	0	0	0	0	1	5	2	5	4	4	4	9	5	4	4	4	0	51	1.63
142 SALIVARY G	0	0	0	0	0	0	1	2	0	2	1	0	1	1	0	0	0	8	0.26
143 GUM	0	0	0	0	0	1	0	0	2	8	4	4	1	3	3	0	0	26	0.83
144 FLOOR OF M	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0.06
145 OTHER MOUT	1	0	0	0	1	0	1	5	9	9	9	4	11	7	4	7	0	68	2.18
146 OROPHARYNX	0	0	0	0	0	0	0	0	0	2	1	2	1	4	1	1	0	12	0.38
147 NASOPHARYN	0	0	0	0	2	1	0	0	2	2	0	0	0	0	0	0	0	7	0.22
148 HYPOPHARYN	0	0	0	0	2	0	0	3	2	3	4	3	5	5	4	3	0	34	1.09
149 PHARYNX ET	0	0	0	0	0	0	0	1	1	2	0	3	2	0	3	7	0	19	0.61
150 OESOPHAGUS	0	0	0	0	0	1	2	9	13	23	32	23	30	22	16	20	0	191	6.12
151 STOMACH	0	0	0	0	3	0	4	10	4	11	7	13	8	4	9	12	0	85	2.72
152 SMALL INTE	0	0	0	0	0	0	0	0	0	1	1	1	2	0	0	1	0	6	0.19
153 COLON	0	0	0	0	0	2	2	4	5	8	3	6	6	4	8	9	0	57	1.83
154 RECTUM	0	0	0	1	1	3	4	2	9	9	7	6	9	4	6	7	0	68	2.18
155 LIVER	4	0	0	1	0	0	2	1	2	7	2	4	4	5	4	8	0	44	1.41
156 GALL BLADD	0	0	0	0	0	0	3	5	8	6	5	7	10	5	3	6	0	58	1.86
157 PANCREAS	0	0	0	0	0	0	2	1	1	7	5	6	5	5	4	6	0	42	1.34
158 RETROPERIT	0	0	1	0	0	0	1	1	1	4	0	0	1	3	1	1	0	14	0.45
159 OTHER DIS	0	0	0	0	0	0	1	0	1	1	4	1	0	1	0	3	0	12	0.38
160 NASAL CAVI	0	0	0	1	1	1	1	3	2	1	7	1	2	2	3	1	0	26	0.83
161 LARYNX	0	0	0	0	1	0	1	3	1	1	2	5	3	5	2	6	0	30	0.96
162 LUNG	0	0	0	0	0	0	1	1	4	6	14	11	7	10	13	14	0	81	2.59
163 PLEURA	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	4	0.13
164 THYMUS	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	3	0.10
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	0	4	4	2	3	2	0	2	2	2	0	1	0	0	4	0	26	0.83
171 CONNECTIVE	4	0	0	2	2	2	1	2	2	4	2	2	0	3	0	2	0	28	0.90
172 SKIN MELAN	0	0	0	0	0	0	1	0	0	0	1	1	2	0	0	2	0	7	0.22
173 SKIN OTHER	0	0	0	0	0	1	0	0	1	7	4	1	4	2	3	5	1	29	0.93
174 BREAST FEM	0	0	0	3	1	8	38	74	77	99	114	69	70	53	31	55	0	692	22.16
179 UTERINE UN	0	0	0	0	0	0	2	1	1	0	5	4	5	2	4	9	0	33	1.06
180 CERVIX UTE	0	0	0	0	4	12	24	52	76	76	80	64	71	36	20	12	2	529	16.94
181 PLACENTA	0	0	0	0	2	1	0	0	1	0	0	0	1	0	0	0	0	5	0.16
182 BODY UTERU	0	0	0	0	0	0	0	1	4	4	9	9	11	7	1	4	0	50	1.60
183 OVARY	1	3	0	3	2	6	10	15	18	32	22	18	26	19	7	5	0	187	5.99
184 VAGINA	0	0	0	0	1	0	2	0	2	5	5	4	6	2	5	7	1	40	1.28
188 URI BLADDE	0	0	0	0	1	0	0	1	0	1	5	3	5	3	4	5	0	28	0.90
189. KIDNEY	5	0	0	1	2	1	1	1	2	3	1	2	2	3	1	0	1	26	0.83
190 EYE	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	7	0.22
191 BRAIN	4	2	7	2	2	4	1	5	4	5	4	6	6	4	3	5	0	64	2.05
192 NERVOUS SY	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2	0.06
193 THYROID GL	0	0	0	3	2	4	8	8	6	6	6	2	6	3	4	0	0	61	1.95
194 OTH ENDO G	3	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6	0.19
195 ILL DEF SI	0	0	0	0	0	0	0	0	2	2	1	1	0	0	0	6	0	12	0.38
196 SEC LYMPH	0	0	0	0	0	1	2	1	1	3	8	2	7	2	2	3	0	32	1.02
197 SEC RES ET	0	0	0	0	0	0	1	0	2	6	6	3	8	7	6	3	0	42	1.34
198 SEC OTHER	0	0	1	1	0	2	0	1	0	4	3	4	4	4	1	3	0	28	0.90
199 PRIM UNK	2	0	0	0	0	0	0	0	0	4	1	1	3	3	0	2	0	16	0.51
200 LYMPHOSARC	0	2	0	2	1	0	1	0	2	5	1	0	5	2	0	3	0	24	0.77
201 HODGKINS D	0	2	2	5	1	3	1	0	0	1	4	2	0	3	0	0	0	24	0.77
202 OTH LYMPHO	1	2	3	4	2	4	1	3	0	4	7	6	10	6	3	1	0	57	1.83
203 MULT MYELO	0	0	0	0	0	0	0	0	1	0	2	3	2	2	0	3	0	13	0.42
204 LEUK LYMPH	5	9	2	7	0	2	1	1	1	1	0	2	1	2	2	2	0	38	1.22
205 LEUK MYELO	1	4	5	4	3	3	5	6	6	2	1	1	3	0	2	3	0	49	1.57
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH S	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0.06
208 LEUK UNS	3	1	1	1	1	0	1	0	0	0	0	1	0	0	2	1	0	12	0.38
TOTAL	40	25	28	45	42	71	134	228	284	397	406	322	375	263	189	269	5	3123	10.000
%	1.3	0.8	0.9	1.4	1.3	2.3	4.3	7.3	9.1	12.7	13.0	10.3	12.0	8.4	6.1	8.6	0.2	100.0	

POPULATION-BASED CANCER REGISTRY BOMBAY
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

Sex : Males

Year : 1989

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.0	0.7	1.1	1.9	3.0	0.0	0.1	0.3	0.5
141 TONGUE	0.0	0.0	0.0	0.0	0.2	0.3	0.7	3.3	4.3	9.7	15.4	22.0	24.2	36.9	33.1	51.6	3.6	6.5	11.8
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.2	0.4	1.0	0.7	2.1	1.9	3.0	0.0	0.3	0.4	0.8
143 GUM	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.5	1.8	2.6	2.4	4.4	9.5	9.7	3.0	6.4	0.9	1.5	3.1
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.9	1.1	2.4	4.4	1.1	1.9	3.0	0.0	0.4	0.6	1.5
145 OTHER MO	0.0	0.0	0.0	0.0	0.2	0.2	0.4	1.5	3.7	7.5	10.6	8.1	17.9	21.4	12.0	19.3	2.2	3.7	7.5
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.5	1.8	3.7	6.3	8.1	20.0	15.6	21.1	19.3	1.7	3.2	6.0
147 NASOPHAR	0.0	0.0	0.0	0.2	0.2	0.0	0.2	0.8	0.9	0.7	0.0	2.9	1.1	5.8	0.0	3.2	0.4	0.6	1.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.2	0.5	0.9	3.3	7.6	9.3	20.8	29.4	41.1	36.9	42.1	54.8	4.6	8.2	16.4
149 PHARYNX	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.5	1.5	1.9	3.4	5.9	8.4	7.8	12.0	16.1	1.0	1.8	3.1
150 OESOPHAG	0.0	0.0	0.0	0.0	0.2	0.5	0.4	1.5	6.4	9.7	17.9	41.8	43.2	68.1	81.2	119.3	5.6	11.5	17.3
151 STOMACH	0.0	0.0	0.0	0.2	0.2	0.2	1.3	2.0	3.7	5.6	10.1	19.1	25.3	46.7	57.2	67.7	3.4	7.0	9.5
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.7	4.2	7.8	3.0	0.0	0.2	0.5	0.8
153 COLON	0.0	0.0	0.2	0.2	0.5	0.3	1.3	0.8	0.9	4.5	2.9	5.9	9.5	23.3	33.1	64.5	1.8	4.0	3.6
154 RECTUM	0.0	0.0	0.0	0.2	0.3	0.3	0.2	1.5	2.8	3.0	9.2	11.7	11.6	29.2	15.0	38.7	2.0	3.9	5.9
155 LIVER	0.4	0.0	0.0	0.0	0.2	0.2	0.2	1.3	1.8	2.6	4.3	8.8	15.8	29.2	27.1	22.6	1.7	3.5	5.0
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.3	1.2	1.9	4.3	2.2	10.5	11.7	12.0	0.0	0.9	1.6	3.0
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.2	0.2	1.0	0.9	3.4	2.9	5.1	9.5	23.3	15.0	19.3	1.2	2.5	3.4
158 RETROPER	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.0	0.3	0.4	1.0	0.0	1.1	3.9	0.0	3.2	0.2	0.3	0.4
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	1.4	2.9	4.2	5.8	3.0	3.2	0.3	0.7	1.3
160 NASAL CA	0.2	0.0	0.0	0.0	0.0	0.2	0.4	1.0	0.6	1.1	3.4	0.7	7.4	9.7	6.0	12.9	0.7	1.4	2.1
161 LARYNX	0.0	0.0	0.0	0.0	0.3	0.0	0.7	1.5	4.6	9.7	18.3	26.4	47.4	60.3	63.2	41.9	4.5	8.8	15.6
162 LUNG	0.0	0.2	0.0	0.0	0.0	0.7	0.2	1.5	5.8	10.5	29.4	54.3	73.8	112.8	75.2	96.7	7.2	14.6	24.7
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.7	1.1	0.0	3.0	0.2	0.1	0.2
164 THYMUS	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.1	0.1	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.4	1.2	2.8	1.1	0.5	0.7	0.5	0.3	0.4	0.5	0.7	1.1	0.0	0.0	3.2	0.8	0.8	0.5
171 CONNECTI	0.4	0.4	0.0	0.8	0.5	0.7	1.6	1.3	0.9	0.7	2.4	2.2	5.3	3.9	18.0	3.2	1.0	1.5	1.9
172 SKIN MEL	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.7	2.1	3.9	0.0	3.2	0.2	0.3	0.4
173 SKIN OTH	0.0	0.0	0.0	0.0	0.2	0.5	0.4	0.3	0.3	2.6	1.9	2.9	4.2	0.0	18.0	16.1	0.7	1.3	1.8
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.4	0.7	1.1	1.9	3.0	0.0	0.2	0.3	0.6
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3	1.1	3.9	10.3	20.0	40.8	87.2	122.5	2.6	6.9	4.8
186 TESTIS	0.8	0.0	0.0	0.0	0.9	1.9	1.3	2.0	0.9	1.1	1.0	1.5	1.1	0.0	0.0	3.2	0.9	0.9	1.3
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.9	0.4	0.5	0.6	2.6	2.4	2.9	5.3	1.9	21.1	19.3	0.9	1.6	2.2
188 URI BLAD	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.5	1.5	1.1	3.9	8.8	17.9	40.8	42.1	32.2	1.8	4.2	4.7
189 KIDNEY	0.8	0.2	0.2	0.0	0.2	0.0	0.2	0.3	1.2	0.7	5.8	1.5	8.4	3.9	3.0	12.9	0.8	1.4	2.6
190 EYE	0.6	0.8	0.0	0.2	0.0	0.0	0.0	0.5	0.3	0.0	0.0	0.0	0.0	0.0	3.0	6.4	0.3	0.4	0.2
191 BRAIN	0.8	1.3	0.8	0.8	0.5	0.3	1.3	1.8	2.4	2.2	5.8	13.9	9.5	13.6	9.0	12.9	2.0	3.0	5.2
192 NERVOUS	0.2	0.2	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
193 THYROID	0.0	0.0	0.0	0.2	0.5	0.5	0.4	0.3	0.3	0.0	1.9	2.9	4.2	1.9	0.0	6.4	0.5	0.7	1.3
194 OTH ENDO	0.6	0.2	0.2	0.2	0.0	0.2	0.0	0.0	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2
195 ILL DEF	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3
196 SEC LYMP	0.0	0.0	0.0	0.0	0.2	0.2	0.4	1.3	0.6	4.1	6.3	11.7	12.7	31.1	9.0	32.2	1.8	3.5	5.3
197 SEC RES	0.0	0.0	0.0	0.0	0.2	0.2	0.4	0.5	1.8	2.6	6.8	8.1	10.5	21.4	15.0	9.7	1.4	2.6	4.5
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.3	0.3	0.7	2.9	6.6	3.2	15.6	15.0	3.2	0.7	1.5	2.0
199 PRIM UNK	0.2	0.0	0.0	0.0	0.0	0.3	0.2	0.5	0.0	0.7	1.4	4.4	3.2	9.7	3.0	12.9	0.6	1.1	1.5
200 LYMPHOSA	0.4	0.2	0.2	0.4	0.6	1.0	1.3	1.5	1.2	2.2	2.4	2.9	3.2	9.7	3.0	0.0	1.1	1.3	2.1
201 HODGKINS	0.4	1.0	0.8	2.2	1.2	0.5	0.7	1.0	1.2	1.1	1.0	0.7	7.4	1.9	0.0	0.0	1.1	1.2	1.9
202 OTH LYMP	0.6	0.8	0.2	1.4	1.6	0.7	0.4	1.5	1.5	0.7	3.4	7.3	9.5	13.6	15.0	19.3	1.7	2.7	3.5
203 MULT MYE	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.3	1.2	1.5	1.9	0.0	11.6	5.8	6.0	9.7	0.6	1.3	2.4
204 LEUK LYM	2.2	2.1	1.0	1.4	0.6	0.0	0.4	1.0	0.6	3.0	0.5	1.5	4.2	5.8	3.0	3.2	1.3	1.6	1.7
205 LEUK MYE	0.6	0.0	1.0	1.0	0.3	1.2	1.6	2.0	3.1	4.1	1.9	3.7	3.2	5.8	6.0	9.7	1.5	1.9	3.0
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
207 LEUK OTH	0.2	0.4	0.0	0.4	0.0	0.0	0.0	0.3	0.3	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
208 LEUK UNS	0.0	0.4	0.2	0.2	0.0	0.5	0.0	0.0	0.0	0.0	0.5	1.5	1.1	1.9	0.0	0.0	0.2	0.3	0.4
TOTAL	9.6	8.4	6.1	12.8	11.6	16.2	22.1	42.7	74.9	126.9	228.8	366.9	540.8	814.7	806.2	1006.0	70.4	130.4	201.4

POPULATION-BASED CANCER REGISTRY BOMBAY
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

Sex : Females

Year : 1989

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.5	0.0	1.1	1.2	0.0	0.0	2.6	0.1	0.2	0.4
141 TONGUE	0.0	0.0	0.0	0.0	0.2	1.2	0.6	1.7	1.8	2.1	2.9	9.8	6.1	8.1	11.3	10.3	1.2	1.9	3.6
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.0	1.1	0.7	0.0	1.2	2.0	0.0	0.0	0.2	0.3	0.6
143 GUM	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.9	4.3	2.9	4.4	1.2	6.1	8.5	0.0	0.6	1.0	2.2
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.1	0.2
145 OTHER MO	0.2	0.0	0.0	0.0	0.2	0.0	0.3	1.7	4.2	4.8	6.4	4.4	13.5	14.1	11.3	18.1	1.6	2.8	5.4
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	2.2	1.2	8.1	2.8	2.6	0.3	0.6	0.8
147 NASOPHAR	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.4	0.0	0.0	1.0	0.9	1.6	2.9	3.3	6.1	10.1	11.3	7.7	0.8	1.5	2.4
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.5	1.1	0.0	3.3	2.5	0.0	8.5	18.1	0.4	0.9	1.1
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.2	0.6	3.1	6.0	12.3	22.9	25.1	36.8	44.4	45.3	51.6	4.5	8.2	15.8
151 STOMACH	0.0	0.0	0.0	0.0	0.7	0.0	1.2	3.5	1.8	5.9	5.0	14.2	9.8	8.1	25.5	31.0	2.0	3.4	6.1
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.7	1.1	2.5	0.0	0.0	2.6	0.1	0.3	0.7
153 COLON	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.4	2.3	4.3	2.1	6.6	7.4	8.1	22.7	23.2	1.3	2.4	3.7
154 RECTUM	0.0	0.0	0.0	0.2	0.2	0.7	1.2	0.7	4.2	4.8	5.0	6.6	11.0	8.1	17.0	18.1	1.6	2.6	5.0
155 LIVER	0.8	0.0	0.0	0.2	0.0	0.0	0.6	0.3	0.9	3.8	1.4	4.4	4.9	10.1	11.3	20.6	1.0	1.8	2.4
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.7	3.7	3.2	3.6	7.6	12.3	10.1	8.5	15.5	1.4	2.3	4.8
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.5	3.8	3.6	6.6	6.1	10.1	11.3	15.5	1.0	1.8	3.1
158 RETROPER	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.3	0.5	2.1	0.0	0.0	1.2	6.1	2.8	2.6	0.3	0.6	0.7
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.5	2.9	1.1	0.0	2.0	0.0	7.7	0.3	0.5	0.8
160 NASAL CA	0.0	0.0	0.0	0.2	0.2	0.2	0.3	1.0	0.9	0.5	5.0	1.1	2.5	4.0	8.5	2.6	0.6	1.0	1.7
161 LARYNX	0.0	0.0	0.0	0.0	0.2	0.0	0.3	1.0	0.5	0.5	1.4	5.5	3.7	10.1	5.7	15.5	0.7	1.3	1.8
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.8	3.2	10.0	12.0	8.6	20.2	36.8	36.1	1.9	3.7	5.3
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	2.0	2.8	2.6	0.1	0.2	0.1
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	2.6	0.1	0.1	0.2
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.0	0.8	1.0	0.4	0.7	0.6	0.0	0.9	1.1	1.4	0.0	1.2	0.0	0.0	10.3	0.6	0.7	0.8
171 CONNECTI	0.8	0.0	0.0	0.5	0.4	0.5	0.3	0.7	0.9	2.1	1.4	2.2	0.0	6.1	0.0	5.2	0.7	0.9	1.2
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.7	1.1	2.5	0.0	0.0	5.2	0.2	0.3	0.6
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.5	3.8	2.9	1.1	4.9	4.0	8.5	12.9	0.7	1.2	2.1
174 BREAST F	0.0	0.0	0.0	0.7	0.2	1.9	11.6	25.9	35.6	53.1	81.4	75.4	85.8	107.1	87.8	141.9	16.3	26.1	56.1
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.5	0.0	3.6	4.4	6.1	4.0	11.3	23.2	0.8	1.5	2.1
180 CERVIX U	0.0	0.0	0.0	0.0	0.9	2.8	7.3	18.2	35.1	40.8	57.2	69.9	87.1	72.7	56.6	31.0	12.4	19.4	47.7
181 PLACENTA	0.0	0.0	0.0	0.0	0.4	0.2	0.0	0.0	0.5	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.1	0.2
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.8	2.1	6.4	9.8	13.5	14.1	2.8	10.3	1.2	2.2	4.9
183 OVARY	0.2	0.6	0.0	0.7	0.4	1.4	3.1	5.2	8.3	17.2	15.7	19.7	31.9	38.4	19.8	12.9	4.4	7.0	15.1
184 VAGINA	0.0	0.0	0.0	0.0	0.2	0.0	0.6	0.0	0.9	2.7	3.6	4.4	7.4	4.0	14.2	18.1	0.9	1.7	2.8
188 URI BLAD	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.5	3.6	3.3	6.1	6.1	11.3	12.9	0.7	1.3	2.0
189 KIDNEY	1.0	0.0	0.0	0.2	0.4	0.2	0.3	0.3	0.9	1.6	0.7	2.2	2.5	6.1	2.8	0.0	0.6	0.8	1.3
190 EYE	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	2.6	0.2	0.2	0.2
191 BRAIN	0.8	0.4	1.4	0.5	0.4	0.9	0.3	1.7	1.8	2.7	2.9	6.6	7.4	8.1	8.5	12.9	1.5	2.2	3.5
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.1	0.2
193 THYROID	0.0	0.0	0.0	0.7	0.4	0.9	2.4	2.8	3.2	4.3	2.2	7.4	6.1	8.5	10.3	1.4	2.0	3.6	
194 OTH ENDO	0.6	0.0	0.4	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.7	1.1	0.0	0.0	0.0	15.5	0.3	0.5	0.6
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.3	0.5	1.6	5.7	2.2	8.6	4.0	5.7	7.7	0.8	1.3	2.8
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.9	3.2	4.3	3.3	9.8	14.1	17.0	7.7	1.0	1.9	3.2
198 SEC OTHE	0.0	0.0	0.2	0.2	0.0	0.5	0.0	0.3	0.0	2.1	2.1	4.4	4.9	8.1	2.8	7.7	0.7	1.2	2.0
199 PRIM UNK	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.7	1.1	3.7	6.1	0.0	5.2	0.4	0.7	1.1
200 LYMPHOSA	0.0	0.4	0.0	0.5	0.2	0.0	0.3	0.0	0.9	2.7	0.7	0.0	6.1	4.0	0.0	7.7	0.6	0.9	1.6
201 HODGKINS	0.0	0.4	0.4	1.2	0.2	0.7	0.3	0.0	0.0	0.5	2.9	2.2	0.0	6.1	0.0	0.0	0.6	0.7	0.8
202 OTH LYMP	0.2	0.4	0.6	1.0	0.4	0.9	0.3	1.0	0.0	2.1	5.0	6.6	12.3	12.1	8.5	2.6	1.3	2.1	3.9
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.4	3.3	2.5	4.0	0.0	7.7	0.3	0.6	1.1
204 LEUK LYM	1.0	1.7	0.4	1.7	0.0	0.5	0.3	0.3	0.5	0.5	0.0	2.2	1.2	4.0	5.7	5.2	0.9	1.1	0.7
205 LEUK MYE	0.2	0.8	1.0	1.0	0.7	0.7	1.5	2.1	2.8	1.1	0.7	1.1	3.7	0.0	5.7	7.7	1.2	1.3	1.9
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
208 LEUK UNS	0.6	0.2	0.2	0.2	0.2	0.0	0.3	0.0	0.0	0.0	0.0	1.1	0.0	0.0	5.7	2.6	0.3	0.4	0.1
TOTAL	8.1	4.8	5.8	10.8	9.1	16.4	40.9	79.7	131.3	213.0	290.1	351.8	459.8	531.3	535.3	694.2	73.4	120.4	233.6

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Males

Year : 1989

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.03	0.02	0.04
141	TONGUE	0.00	0.01	0.58	0.40	0.75
142	SALIVARY GLANDS	0.00	0.00	0.04	0.03	0.06
143	GUM	0.00	0.01	0.15	0.11	0.18
144	FLOOR OF MOUTH	0.00	0.00	0.06	0.05	0.08
145	OTHER MOUTH	0.00	0.00	0.35	0.25	0.42
146	OROPHARYNX	0.00	0.00	0.28	0.21	0.39
147	NASOPHARYNX	0.00	0.00	0.06	0.03	0.06
148	HYPOPHARYNX	0.00	0.01	0.74	0.56	0.96
149	PHARYNX ETC	0.00	0.00	0.15	0.11	0.21
150	OEESOPHAGUS	0.00	0.01	0.94	0.61	1.35
151	STOMACH	0.00	0.01	0.56	0.34	0.85
152	SMALL INTESTINE	0.00	0.00	0.07	0.03	0.08
153	COLON	0.00	0.01	0.24	0.13	0.42
154	RECTUM	0.00	0.01	0.34	0.20	0.42
155	LIVER	0.00	0.00	0.32	0.18	0.46
156	GALL BLADDER	0.00	0.00	0.16	0.11	0.22
157	PANCREAS	0.00	0.00	0.23	0.12	0.31
158	RETROPERITONEUM	0.00	0.00	0.03	0.02	0.03
159	OTHER DIS SYS	0.00	0.00	0.08	0.05	0.09
160	NASAL CAVITY	0.00	0.00	0.12	0.08	0.15
161	LARYNX	0.00	0.00	0.84	0.54	1.16
162	LUNG	0.00	0.00	1.43	0.88	1.81
163	PLEURA	0.00	0.00	0.01	0.01	0.03
164	THYMUS	0.00	0.00	0.01	0.00	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.03	0.02	0.05	0.05
171	CONNECTIVE TISS	0.00	0.02	0.08	0.09	0.20
172	SKIN MELANOMA	0.00	0.00	0.04	0.02	0.04
173	SKIN OTHER	0.00	0.01	0.06	0.07	0.16
175	BREAST MALE	0.00	0.00	0.03	0.02	0.04
185	PROSTATE	0.00	0.00	0.38	0.18	0.82
186	TESTIS	0.00	0.02	0.04	0.06	0.06
187	PENIS ETC	0.00	0.01	0.08	0.08	0.19
188	URI BLADDER	0.00	0.00	0.37	0.17	0.58
189	KIDNEY	0.01	0.00	0.11	0.10	0.13
190	EYE	0.01	0.00	0.00	0.01	0.03
191	BRAIN	0.01	0.01	0.25	0.21	0.32
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.01	0.06	0.06	0.07
194	OTH ENDO GLANDS	0.00	0.00	0.01	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.04	0.01	0.04
196	SEC LYMPH NODES	0.00	0.00	0.34	0.19	0.39
197	SEC RES ETC	0.00	0.00	0.26	0.16	0.34
198	SEC OTHER	0.00	0.00	0.15	0.07	0.23
199	PRIM UNK	0.00	0.00	0.10	0.06	0.12
200	LYMPHOSARCOMA	0.00	0.02	0.12	0.09	0.15
201	HODGKINS DIS	0.01	0.02	0.07	0.10	0.11
202	OTH LYMPHOMA	0.01	0.02	0.19	0.15	0.29
203	MULT MYELOMA	0.00	0.00	0.11	0.08	0.14
204	LEUK LYMPHATIC	0.03	0.01	0.08	0.09	0.14
205	LEUK MYELOID	0.01	0.02	0.12	0.12	0.18
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.01	0.01	0.01
208	LEUK UNS	0.00	0.00	0.02	0.02	0.03
ALL SITES		0.12	0.31	10.40	7.08	13.94

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Females

Year : 1989

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.01	0.02	0.02
141	TONGUE	0.00	0.01	0.16	0.13	0.23
142	SALIVARY GLANDS	0.00	0.00	0.03	0.02	0.03
143	GUM	0.00	0.00	0.10	0.07	0.14
144	FLOOR OF MOUTH	0.00	0.00	0.01	0.01	0.01
145	OTHER MOUTH	0.00	0.00	0.25	0.18	0.31
146	OROPHARYNX	0.00	0.00	0.07	0.03	0.08
147	NASOPHARYNX	0.00	0.00	0.01	0.01	0.01
148	HYPOPHARYNX	0.00	0.00	0.13	0.08	0.19
149	PHARYNX ETC	0.00	0.00	0.04	0.04	0.08
150	OEESOPHAGUS	0.00	0.00	0.75	0.53	0.98
151	STOMACH	0.00	0.01	0.24	0.21	0.38
152	SMALL INTESTINE	0.00	0.00	0.02	0.02	0.02
153	COLON	0.00	0.01	0.16	0.13	0.28
154	RECTUM	0.00	0.01	0.20	0.17	0.30
155	LIVER	0.00	0.00	0.13	0.09	0.19
156	GALL BLADDER	0.00	0.00	0.21	0.17	0.26
157	PANCREAS	0.00	0.00	0.15	0.11	0.21
158	RETROPERITONEUM	0.00	0.00	0.05	0.02	0.07
159	OTHER DIS SYS	0.00	0.00	0.03	0.03	0.04
160	NASAL CAVITY	0.00	0.00	0.08	0.06	0.12
161	LARYNX	0.00	0.00	0.11	0.07	0.14
162	LUNG	0.00	0.00	0.28	0.18	0.47
163	PLEURA	0.00	0.00	0.01	0.00	0.03
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.01	0.02	0.04	0.04
171	CONNECTIVE TISS	0.00	0.01	0.07	0.05	0.08
172	SKIN MELANOMA	0.00	0.00	0.02	0.02	0.02
173	SKIN OTHER	0.00	0.00	0.09	0.07	0.13
174	BREAST FEM	0.00	0.07	2.29	1.84	2.79
179	UTERINE UNS	0.00	0.00	0.09	0.08	0.15
180	CERVIX UTERI	0.00	0.05	1.89	1.58	2.22
181	PLACENTA	0.00	0.00	0.01	0.01	0.01
182	BODY UTERUS	0.00	0.00	0.24	0.17	0.26
183	OVARY	0.00	0.03	0.68	0.52	0.81
184	VAGINA	0.00	0.00	0.11	0.10	0.19
188	URI BLADDER	0.00	0.00	0.10	0.07	0.16
189	KIDNEY	0.01	0.01	0.07	0.05	0.10
190	EYE	0.01	0.00	0.01	0.01	0.01
191	BRAIN	0.01	0.01	0.16	0.14	0.22
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.01
193	THYROID GLAND	0.00	0.02	0.14	0.14	0.21
194	OTH ENDO GLANDS	0.01	0.00	0.00	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.02	0.02	0.02
196	SEC LYMPH NODES	0.00	0.00	0.11	0.10	0.15
197	SEC RES ETC	0.00	0.00	0.18	0.11	0.26
198	SEC OTHER	0.00	0.00	0.11	0.07	0.13
199	PRIM UNK	0.00	0.00	0.07	0.04	0.07
200	LYMPHOSARCOMA	0.00	0.01	0.07	0.06	0.08
201	HODGKINS DIS	0.00	0.01	0.06	0.04	0.07
202	OTH LYMPHOMA	0.01	0.01	0.20	0.15	0.26
203	MULT MYELOMA	0.00	0.00	0.06	0.04	0.06
204	LEUK LYMPHATIC	0.02	0.01	0.04	0.05	0.10
205	LEUK MYELOID	0.01	0.02	0.06	0.09	0.11
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.01	0.00	0.01	0.01	0.04
ALL SITES		0.09	0.39	9.77	7.79	12.16

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Males

Year : 1989

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	5	71.43	0	0.00	2	28.57	0	0.00	0	0.00	7	100.00
141	TONGUE	163	85.79	1	0.53	19	10.00	0	0.00	7	3.68	190	100.00
142	SALIVARY GLANDS	17	100.00	0	0.00	0	0.00	0	0.00	0	0.00	17	100.00
143	GUM	42	85.71	1	2.04	4	8.16	0	0.00	2	4.08	49	100.00
144	FLOOR OF MOUTH	20	86.96	0	0.00	3	13.04	0	0.00	0	0.00	23	100.00
145	OTHER MOUTH	97	85.84	0	0.00	11	9.73	1	0.88	4	3.54	113	100.00
146	OROPHARYNX	75	85.23	1	1.14	8	9.09	0	0.00	4	4.55	88	100.00
147	NASOPHARYNX	15	75.00	1	5.00	2	10.00	0	0.00	2	10.00	20	100.00
148	HYPOPHARYNX	208	85.60	9	3.70	17	7.00	4	1.65	5	2.06	243	100.00
149	PHARYNX ETC	37	74.00	1	2.00	4	8.00	0	0.00	8	16.00	50	100.00
150	OESOPHAGUS	181	61.77	28	9.56	38	12.97	3	1.02	43	14.68	293	100.00
151	STOMACH	134	74.44	5	2.78	18	10.00	7	3.89	16	8.89	180	100.00
152	SMALL INTESTINE	7	58.33	0	0.00	0	0.00	2	16.67	3	25.00	12	100.00
153	COLON	62	63.92	2	2.06	14	14.43	3	3.09	16	16.49	97	100.00
154	RECTUM	91	85.05	1	0.93	7	6.54	1	0.93	7	6.54	107	100.00
155	LIVER	43	47.78	7	7.78	19	21.11	0	0.00	21	23.33	90	100.00
156	GALL BLADDER	30	65.22	4	8.70	5	10.87	5	10.87	2	4.35	46	100.00
157	PANCREAS	26	41.27	7	11.11	15	23.81	9	14.29	6	9.52	63	100.00
158	RETROPERITONEUM	6	60.00	0	0.00	3	30.00	0	0.00	1	10.00	10	100.00
159	OTHER DIS SYS	10	55.56	1	5.56	3	16.67	0	0.00	4	22.22	18	100.00
160	NASAL CAVITY	34	87.18	1	2.56	3	7.69	0	0.00	1	2.56	39	100.00
161	LARYNX	170	72.03	7	2.97	32	13.56	2	0.85	25	10.59	236	100.00
162	LUNG	235	62.33	29	7.69	75	19.89	8	2.12	30	7.96	377	100.00
163	PLEURA	3	50.00	0	0.00	2	33.33	0	0.00	1	16.67	6	100.00
164	THYMUS	3	75.00	0	0.00	0	0.00	0	0.00	1	25.00	4	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	35	81.40	3	6.98	2	4.65	0	0.00	3	6.98	43	100.00
171	CONNECTIVE TISS	52	96.30	1	1.85	1	1.85	0	0.00	0	0.00	54	100.00
172	SKIN MELANOMA	7	87.50	0	0.00	1	12.50	0	0.00	0	0.00	8	100.00
173	SKIN OTHER	37	94.87	1	2.56	0	0.00	0	0.00	1	2.56	39	100.00
175	BREAST MALE	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
185	PROSTATE	106	79.10	1	0.75	12	8.96	3	2.24	12	8.96	134	100.00
186	TESTIS	45	95.74	0	0.00	1	2.13	0	0.00	1	2.13	47	100.00
187	PENIS ETC	41	89.13	0	0.00	3	6.52	1	2.17	1	2.17	46	100.00
188	URI BLADDER	83	88.30	1	1.06	6	6.38	2	2.13	2	2.13	94	100.00
189	KIDNEY	31	70.45	6	13.64	3	6.82	1	2.27	3	6.82	44	100.00
190	EYE	13	92.86	0	0.00	1	7.14	0	0.00	0	0.00	14	100.00
191	BRAIN	83	79.05	6	5.71	9	8.57	0	0.00	7	6.67	105	100.00
192	NERVOUS SYSTEM	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
193	THYROID GLAND	25	96.15	0	0.00	1	3.85	0	0.00	0	0.00	26	100.00
194	OTH ENDO GLANDS	7	70.00	0	0.00	3	30.00	0	0.00	0	0.00	10	100.00
195	ILL DEF SITES	3	37.50	0	0.00	3	37.50	1	12.50	1	12.50	8	100.00
196	SEC LYMPH NODES	86	93.48	2	2.17	1	1.09	1	1.09	2	2.17	92	100.00
197	SEC RES ETC	43	58.90	10	13.70	19	26.03	1	1.37	0	0.00	73	100.00
198	SEC OTHER	31	79.49	3	7.69	3	7.69	1	2.56	1	2.56	39	100.00
199	PRIM UNK	6	20.00	1	3.33	9	30.00	1	3.33	13	43.33	30	100.00
200	LYMPHOSARCOMA	55	98.21	0	0.00	0	0.00	0	0.00	1	1.79	56	100.00
201	HODGKINS DIS	56	96.55	0	0.00	0	0.00	0	0.00	2	3.45	58	100.00
202	OTH LYMPHOMA	83	94.32	1	1.14	0	0.00	0	0.00	4	4.55	88	100.00
203	MULT MYELOMA	33	97.06	0	0.00	0	0.00	0	0.00	1	2.94	34	100.00
204	LEUK LYMPHATIC	61	92.42	0	0.00	1	1.52	0	0.00	4	6.06	66	100.00
205	LEUK MYELOID	74	94.87	0	0.00	0	0.00	0	0.00	4	5.13	78	100.00
206	LEUK MONOCYTIC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
208	LEUK UNS	10	83.33	0	0.00	0	0.00	0	0.00	2	16.67	12	100.00
ALL SITES TOTALS		2842		142		383		57		274		3698	
%		76.85		3.84		10.36		1.54		7.41		100.00	

POPULATION-BASED CANCER REGISTRY BOMBAY

Sex : Females

Year : 1989

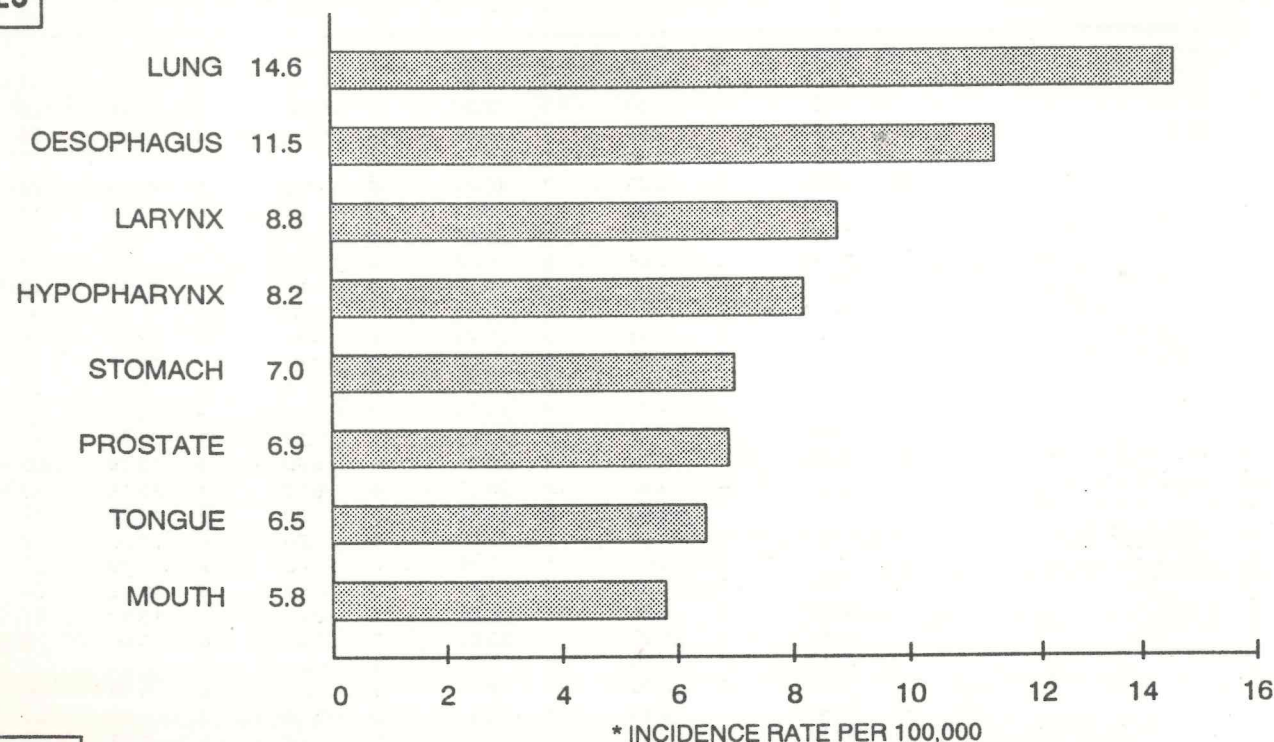
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
141	TONGUE	47	92.16	0	0.00	4	7.84	0	0.00	0	0.00	51	100.00
142	SALIVARY GLANDS	7	87.50	0	0.00	1	12.50	0	0.00	0	0.00	8	100.00
143	GUM	23	88.46	1	3.85	1	3.85	0	0.00	1	3.85	26	100.00
144	FLOOR OF MOUTH	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
145	OTHER MOUTH	52	76.47	0	0.00	7	10.29	0	0.00	9	13.24	68	100.00
146	OROPHARYNX	11	91.67	0	0.00	1	8.33	0	0.00	0	0.00	12	100.00
147	NASOPHARYNX	5	71.43	0	0.00	2	28.57	0	0.00	0	0.00	7	100.00
148	HYPOPHARYNX	28	82.35	2	5.88	3	8.82	0	0.00	1	2.94	34	100.00
149	PHARYNX ETC	10	52.63	0	0.00	2	10.53	0	0.00	7	36.84	19	100.00
150	OESOPHAGUS	121	63.35	11	5.76	19	9.95	7	3.66	33	17.28	191	100.00
151	STOMACH	47	55.29	2	2.35	13	15.29	4	4.71	19	22.35	85	100.00
152	SMALL INTESTINE	5	83.33	0	0.00	0	0.00	0	0.00	1	16.67	6	100.00
153	COLON	35	61.40	0	0.00	8	14.04	3	5.26	11	19.30	57	100.00
154	RECTUM	54	79.41	1	1.47	8	11.76	2	2.94	3	4.41	68	100.00
155	LIVER	15	34.09	5	11.36	6	13.64	1	2.27	17	38.64	44	100.00
156	GALL BLADDER	29	50.00	5	8.62	12	20.69	4	6.90	8	13.79	58	100.00
157	PANCREAS	11	26.19	4	9.52	12	28.57	4	9.52	11	26.19	42	100.00
158	RETROPERITONEUM	8	57.14	0	0.00	4	28.57	0	0.00	2	14.29	14	100.00
159	OTHER DIS SYS	5	41.67	0	0.00	3	25.00	0	0.00	4	33.33	12	100.00
160	NASAL CAVITY	23	88.46	0	0.00	1	3.85	0	0.00	2	7.69	26	100.00
161	LARYNX	19	63.33	0	0.00	5	16.67	0	0.00	6	20.00	30	100.00
162	LUNG	47	58.02	4	4.94	13	16.05	2	2.47	15	18.52	81	100.00
163	PLEURA	2	50.00	1	25.00	1	25.00	0	0.00	0	0.00	4	100.00
164	THYMUS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	20	76.92	1	3.85	3	11.54	0	0.00	2	7.69	26	100.00
171	CONNECTIVE TISS	26	92.86	0	0.00	0	0.00	1	3.57	1	3.57	28	100.00
172	SKIN MELANOMA	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
173	SKIN OTHER	27	93.10	0	0.00	0	0.00	1	3.45	1	3.45	29	100.00
174	BREAST FEM	561	81.07	6	0.87	67	9.68	5	0.72	53	7.66	692	100.00
179	UTERINE UNS	9	27.27	0	0.00	6	18.18	0	0.00	18	54.55	33	100.00
180	CERVIX UTERI	429	81.10	1	0.19	71	13.42	4	0.76	24	4.54	529	100.00
181	PLACENTA	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
182	BODY UTERUS	48	96.00	0	0.00	2	4.00	0	0.00	0	0.00	50	100.00
183	OVARY	145	77.54	8	4.28	20	10.70	5	2.67	9	4.81	187	100.00
184	VAGINA	34	85.00	0	0.00	2	5.00	1	2.50	3	7.50	40	100.00
188	URI BLADDER	22	78.57	0	0.00	3	10.71	1	3.57	2	7.14	28	100.00
189	KIDNEY	24	92.31	0	0.00	1	3.85	0	0.00	1	3.85	26	100.00
190	EYE	5	71.43	1	14.29	1	14.29	0	0.00	0	0.00	7	100.00
191	BRAIN	44	68.75	4	6.25	8	12.50	0	0.00	8	12.50	64	100.00
192	NERVOUS SYSTEM	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
193	THYROID GLAND	50	81.97	2	3.28	8	13.11	0	0.00	1	1.64	61	100.00
194	OTH ENDO GLANDS	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
195	ILL DEF SITES	0	0.00	0	0.00	4	33.33	0	0.00	8	66.67	12	100.00
196	SEC LYMPH NODES	27	84.38	1	3.13	1	3.13	0	0.00	3	9.38	32	100.00
197	SEC RES ETC	22	52.38	5	11.90	7	16.67	2	4.76	6	14.29	42	100.00
198	SEC OTHER	17	60.71	5	17.86	6	21.43	0	0.00	0	0.00	28	100.00
199	PRIM UNK	3	18.75	0	0.00	7	43.75	1	6.25	5	31.25	16	100.00
200	LYMPHOSARCOMA	24	100.00	0	0.00	0	0.00	0	0.00	0	0.00	24	100.00
201	HODGKINS DIS	24	100.00	0	0.00	0	0.00	0	0.00	0	0.00	24	100.00
202	OTH LYMPHOMA	52	91.23	0	0.00	0	0.00	0	0.00	5	8.77	57	100.00
203	MULT MYELOMA	11	84.62	0	0.00	0	0.00	0	0.00	2	15.38	13	100.00
204	LEUK LYMPHATIC	35	92.11	0	0.00	0	0.00	0	0.00	3	7.89	38	100.00
205	LEUK MYELOID	45	91.84	0	0.00	0	0.00	1	2.04	3	6.12	49	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
208	LEUK UNS	7	58.33	1	8.33	0	0.00	0	0.00	4	33.33	12	100.00
ALL SITES TOTALS		2346		71		345		49		312		3123	
%		75.12		2.27		11.05		1.57		9.99		100.00	

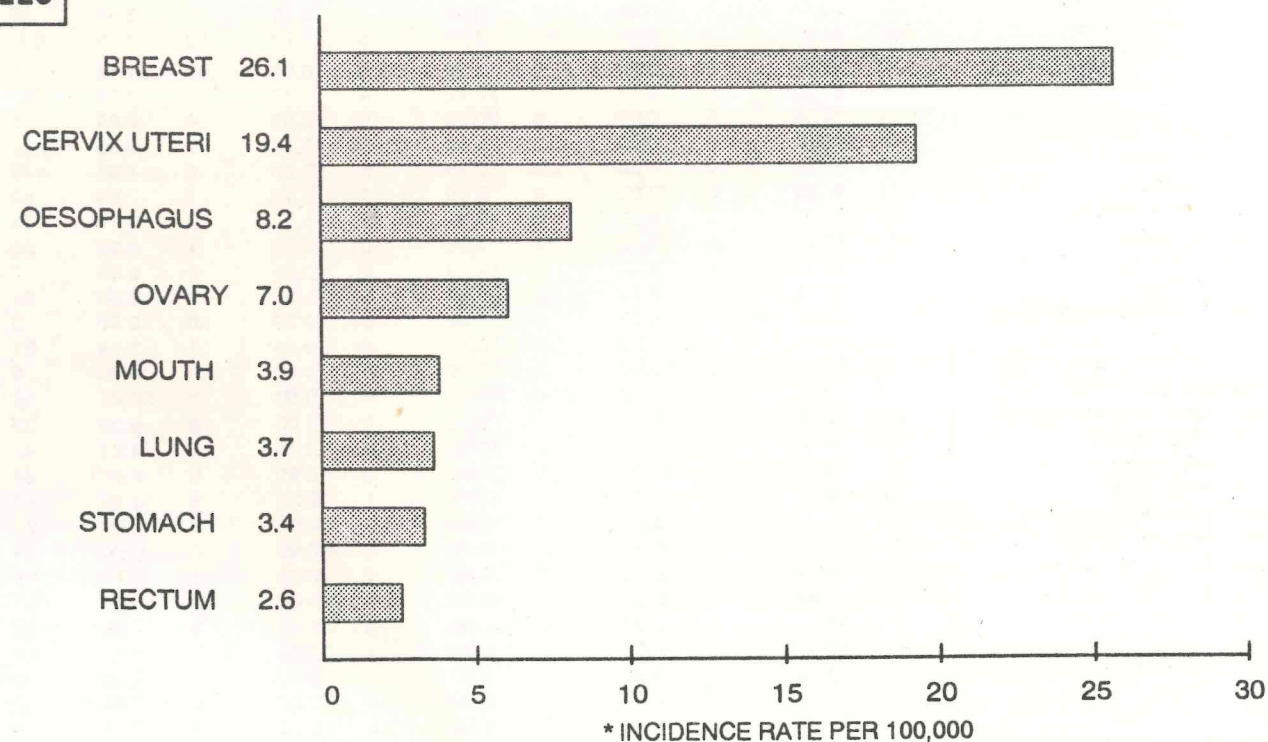
BOMBAY - 1989

MOST COMMON FORMS OF CANCERS

MALES



FEMALES



* AGE-ADJUSTED (WORLD POPULATION)

MADRAS

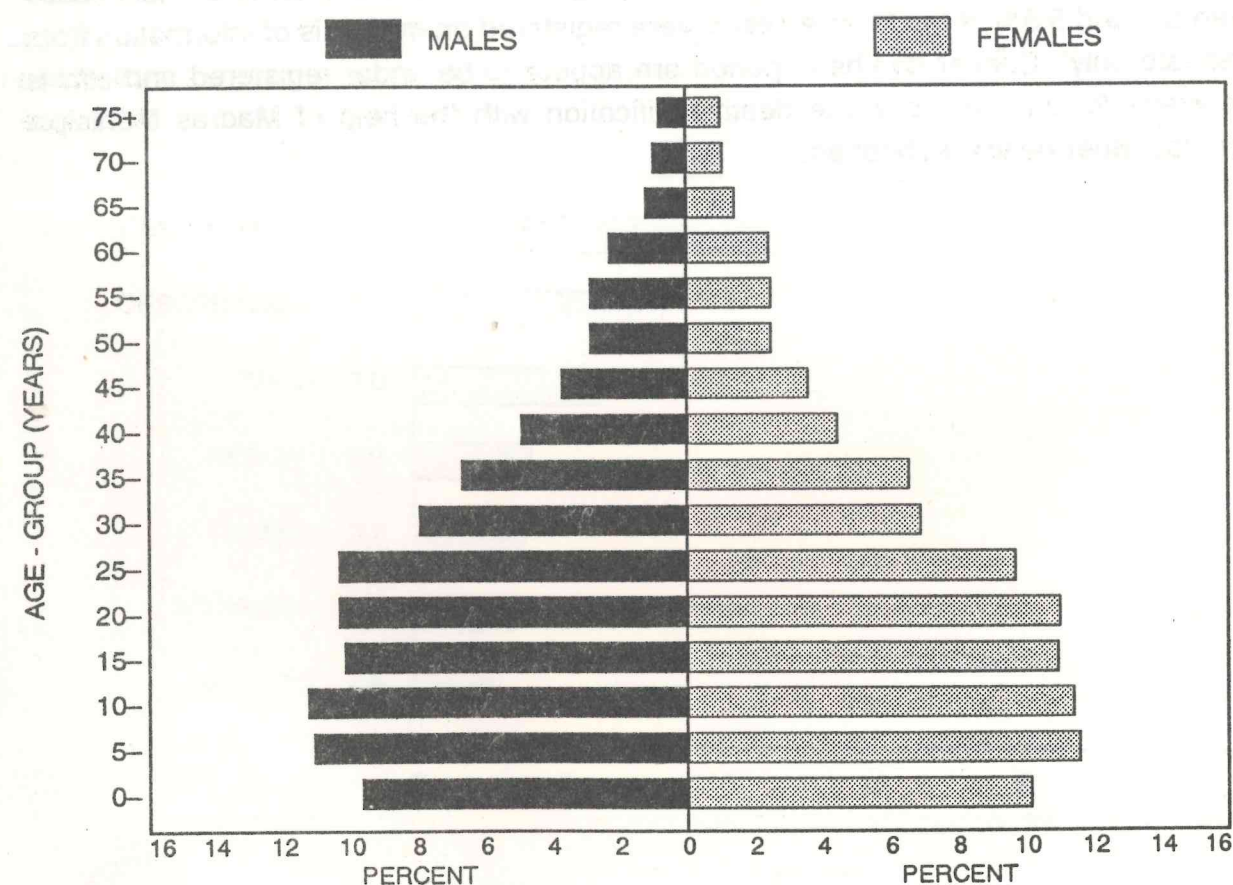
The Madras population-based registry was established in July, 1981 at the Cancer Institute, Adyar with the financial support of the Indian Council of Medical Research. The registry started data collection regularly from January 1, 1982.

The registry's activities are limited to the Madras city (Madras District). The projected population of Madras, as on July 1, 1989, is 3.70 millions (males : 1.92 millions, females : 1.78 millions). The sex ratio is 934 females per 1000 males. Madras city is situated at latitude 13.04° N and longitude 80.17° E in the state of Tamil Nadu at the south-eastern part of the sub- continent. It is at sea level with temperatures varying between 60°F and 116° F from the cold to hot seasons, the former falling in the months of November to February and the latter between April and June. The area of registration is 170 square kilometers.

The registry had identified 92 principal institutions for data collection on cancer patients. During the years 1988-1989, 19% cases were registered from the Cancer Institute, between 24% and 34% from the Government General Hospital, between 7% and 9% from Government Stanley Hospital and between 7% and 8% from the Government Hospital for women and children. The remaining cases came from other sources. The percentage of cases registered for which histological confirmation was available was varying between 68% and 72% for males and between 76% and 77% for females. Proportions varying between 5% and 5.7% of male cases and between 5% and 5.5% of the female cases were registered on the basis of information from 'death certificate only'. Cancer deaths in period are appear to be under registered and efforts have been made to improve upon the death notification with the help of Madras Municipal Corporation and other health authorities.

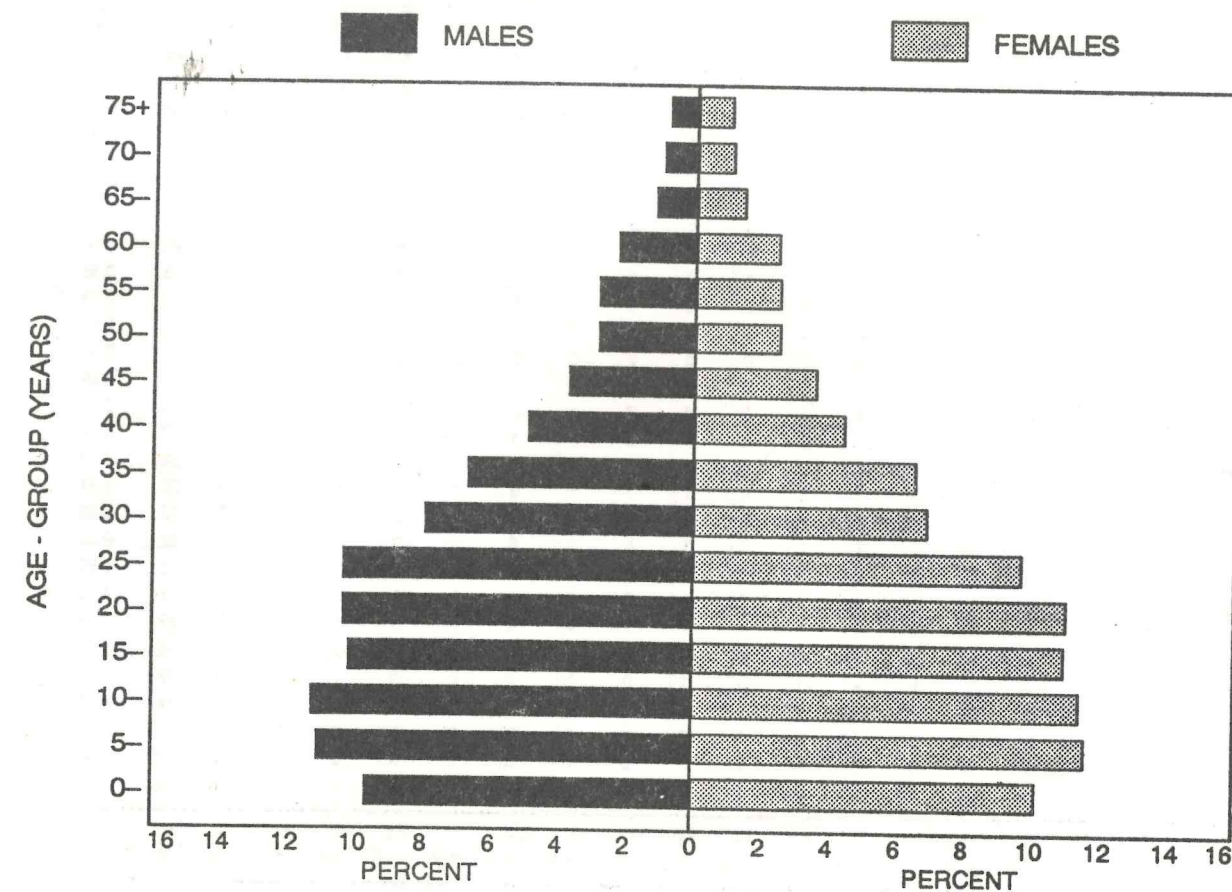
ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1988 IN MADRAS
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	183592.0	9.71	180676.0	10.27	364268.0	9.98
5-9	211120.0	11.17	204696.0	11.63	415816.0	11.39
10-14	213383.0	11.29	201413.0	11.45	414796.0	11.37
15-19	193730.0	10.25	193349.0	10.99	387079.0	10.61
20-24	196272.0	10.39	193530.0	11.00	389802.0	10.68
25-29	179611.0	9.50	171193.0	9.73	350804.0	9.61
30-34	150717.0	7.98	121637.0	6.91	272354.0	7.46
35-39	127663.0	6.76	115306.0	6.55	242969.0	6.66
40-44	110290.0	5.84	85562.0	4.86	195852.0	5.37
45-49	93495.0	4.95	78034.0	4.44	171529.0	4.70
50-54	71848.0	3.80	63126.0	3.59	134974.0	3.70
55-59	55146.0	2.92	44619.0	2.54	99765.0	2.73
60-64	43791.0	2.32	43674.0	2.48	87465.0	2.40
65-69	24277.0	1.28	25547.0	1.45	49824.0	1.37
70-74	18657.0	0.99	19415.0	1.10	38072.0	1.04
75+	16190.0	0.86	17699.0	1.01	33889.0	0.93
TOTAL	1889782.0	100.00	1759476.0	100.00	3649258.0	100.00



ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1989 IN MADRAS
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	186349.0	9.71	183306.0	10.27	369655.0	9.98
5-9	214290.0	11.17	207677.0	11.63	421967.0	11.39
10-14	216588.0	11.29	204346.0	11.45	420934.0	11.37
15-19	196639.0	10.25	196164.0	10.99	392803.0	10.61
20-24	199220.0	10.39	196348.0	11.00	395568.0	10.68
25-29	182308.0	9.50	173685.0	9.73	355993.0	9.61
30-34	152980.0	7.98	123408.0	6.91	276388.0	7.46
35-39	129581.0	6.76	116985.0	6.55	246566.0	6.66
40-44	111947.0	5.84	86808.0	4.86	198755.0	5.37
45-49	94899.0	4.95	79170.0	4.44	174069.0	4.70
50-54	72927.0	3.80	64045.0	3.59	136972.0	3.70
55-59	55974.0	2.92	45269.0	2.54	101243.0	2.73
60-64	44449.0	2.32	44310.0	2.48	88759.0	2.40
65-69	24642.0	1.28	25919.0	1.45	50561.0	1.37
70-74	18937.0	0.99	19698.0	1.10	38635.0	1.04
75+	16433.0	0.86	17956.0	1.01	34389.0	0.93
TOTAL	1918163.0	100.00	1785094.0	100.00	3703257.0	100.00



Year : 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD-9), AND PERCENTAGES

ICD-9	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140	LIP	0	0	0	0	0	0	0	0	0	3	0	1	1	1	0	0	0	6	0.38
141	TONGUE	1	0	0	0	0	1	4	4	9	6	17	13	21	11	9	4	0	100	6.31
142	SALIVARY G	0	0	0	0	1	0	0	0	0	1	0	2	1	4	1	0	0	10	0.63
143	GUM	0	0	0	0	0	1	0	0	1	1	5	1	2	2	0	0	0	13	0.82
144	FLOOR OF M	0	0	0	0	0	0	0	0	1	1	1	3	3	0	0	1	0	10	0.63
145	OTHER MOUT	0	0	0	0	0	1	0	3	8	6	24	16	14	11	3	10	0	96	6.05
146	OROPHARYNX	0	0	0	0	1	0	0	0	2	3	5	5	7	7	2	1	0	33	2.08
147	NASOPHARYN	0	0	0	1	1	2	1	1	1	2	3	0	2	2	2	1	0	19	1.20
148	HYPOPHARYN	0	0	0	1	2	0	3	7	6	12	13	18	13	10	7	6	0	98	6.18
149	PHARYNX ET	0	0	0	0	0	0	0	1	0	5	1	2	2	3	1	0	0	15	0.95
150	OESOPHAGUS	0	0	0	0	0	1	0	2	5	10	24	23	14	18	14	8	0	119	7.50
151	STOMACH	0	0	0	0	3	2	7	10	8	21	23	27	25	37	10	7	0	180	11.35
152	SMALL INTE	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	3	0.19
153	COLON	0	0	0	0	0	0	0	2	1	1	4	2	6	1	2	3	0	22	1.39
154	RECTUM	0	0	0	3	0	3	0	0	3	12	11	6	3	3	3	3	0	50	3.15
155	LIVER	0	0	0	0	0	1	0	3	2	7	11	9	7	4	3	2	0	49	3.09
156	GALL BLADD	0	0	0	0	0	0	1	0	2	0	1	1	0	1	1	0	0	7	0.44
157	PANCREAS	0	0	0	0	0	2	0	0	1	1	5	2	3	0	0	0	0	14	0.88
158	RETROPERIT	1	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	4	0.25
159	OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.06
160	NASAL CAVI	0	0	0	0	0	0	0	0	1	3	3	0	2	3	3	1	0	19	1.20
161	LARYNX	0	0	0	0	0	0	1	1	5	7	11	13	7	10	3	6	0	64	4.04
162	LUNG	0	0	0	0	0	0	2	4	5	17	21	29	16	19	12	9	0	134	8.45
163	PLEURA	1	0	0	0	1	0	0	1	0	0	1	2	0	0	0	0	0	6	0.38
164	THYMUS	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.06
165	OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	0	6	5	3	1	3	2	2	3	1	0	1	0	1	0	0	28	1.77
171	CONNECTIVE	3	0	0	1	2	0	0	3	3	2	2	2	1	2	1	0	0	22	1.39
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0.13
173	SKIN OTHER	0	0	0	0	0	0	0	1	1	5	2	4	0	1	1	3	0	18	1.13
175	BREAST MAL	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.06
185	PROSTATE	0	0	0	0	0	0	0	1	0	1	2	1	7	7	8	2	0	29	1.83
186	TESTIS	2	0	0	3	0	3	1	2	0	1	0	1	0	0	0	0	0	13	0.82
187	PENIS ETC	0	0	0	0	0	0	4	3	5	9	4	8	8	4	3	4	0	52	3.28
188	URI BLADDE	0	0	0	0	0	0	0	0	1	2	5	3	4	4	4	2	0	25	1.58
189	KIDNEY	0	0	0	0	0	0	0	1	0	2	0	2	1	0	0	0	0	6	0.38
190	EYE	5	2	0	0	0	0	0	0	0	1	0	0	0	2	0	1	0	11	0.69
191	BRAIN	1	4	3	0	3	4	4	7	4	3	0	4	5	2	1	0	0	45	2.84
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GL	0	0	0	1	0	1	0	0	3	0	1	1	3	0	0	1	0	11	0.69
194	OTH ENDO G	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	0.19
195	ILL DEF SI	0	0	0	2	0	0	0	0	0	0	1	1	0	0	1	2	0	7	0.44
196	SEC LYMPH	0	0	0	0	2	0	1	4	1	1	3	3	2	1	2	1	0	21	1.32
197	SEC RES ET	0	0	0	0	0	1	2	1	1	1	5	8	7	2	4	4	0	36	2.27
198	SEC OTHER	0	0	0	0	0	0	0	0	2	4	0	2	1	2	1	1	0	13	0.82
199	PRIM UNK	1	0	1	0	1	2	1	0	3	6	5	6	4	2	0	0	0	32	2.02
200	LYMPHOSARC	0	0	0	0	0	1	1	0	0	0	3	1	1	1	0	2	0	10	0.63
201	HODGKINS D	0	7	2	4	2	0	0	2	4	3	2	1	1	1	0	0	0	29	1.83
202	OTH LYMPHO	1	4	0	3	2	2	1	4	1	1	4	6	4	3	1	2	0	39	2.46
203	MULT MYELO	0	0	0	0	2	1	0	0	0	3	3	2	2	0	0	0	0	13	0.82
204	LEUK LYMPH	6	8	3	2	1	4	1	0	1	0	0	0	0	0	1	0	0	27	1.70
205	LEUK MYELO	1	1	0	0	3	0	1	1	2	2	0	1	0	1	0	0	0	14	0.88
206	LEUK MONOC	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.06
207	LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	LEUK UNS	0	0	0	0	2	2	0	1	0	0	0	0	0	0	0	0	0	5	0.32
TOTAL		23	26	15	26	32	37	41	73	98	173	231	234	201	183	105	88	0	1586	100.00
%		1.5	1.6	0.9	1.6	2.0	2.3	2.6	4.6	6.2	10.9	14.6	14.8	12.7	11.5	6.6	5.5	0.0	100.0	

Year : 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0.18
141 TONGUE	0	0	0	0	2	0	0	1	3	2	3	2	1	0	2	0	0	16	0.98
142 SALIVARY G	0	0	0	0	0	1	1	0	0	1	1	0	0	1	0	0	0	5	0.31
143 GUM	0	0	0	1	0	0	0	2	2	3	1	2	2	2	2	1	0	18	1.10
144 FLOOR OF M	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	3	0.18
145 OTHER MOUT	0	0	0	0	0	0	5	0	9	6	20	11	14	4	2	8	0	79	4.84
146 OROPHARYNX	0	0	0	0	0	0	0	0	2	1	0	0	1	2	0	0	0	6	0.37
147 NASOPHARYNX	0	0	0	0	0	1	0	1	0	0	1	0	0	1	0	0	0	4	0.25
148 HYPOPHARYNX	0	0	0	0	0	4	0	4	2	5	9	5	4	2	0	1	0	36	2.21
149 PHARYNX ET	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.06
150 OESOPHAGUS	0	0	0	1	0	0	2	4	8	9	14	12	13	7	9	4	0	83	5.09
151 STOMACH	0	0	0	1	0	2	4	5	10	9	14	14	7	8	5	4	0	83	5.09
152 SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153 COLON	0	0	1	0	0	0	0	1	1	4	4	3	1	1	0	0	0	16	0.98
154 RECTUM	0	0	1	1	1	1	1	1	1	0	5	3	3	2	0	3	0	23	1.41
155 LIVER	0	0	0	0	0	0	2	0	1	0	1	1	1	1	0	1	0	8	0.49
156 GALL BLADD	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0.12
157 PANCREAS	0	0	0	0	0	0	0	2	0	1	1	1	0	2	2	0	0	9	0.55
158 RETROPERIT	0	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	3	0.18
159 OTHER DIS	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	2	0.12
160 NASAL CAVI	0	0	0	0	0	1	0	0	1	0	1	3	2	0	2	1	0	11	0.67
161 LARYNX	0	0	0	0	0	0	0	1	2	1	0	2	3	1	1	0	0	11	0.67
162 LUNG	0	0	0	0	0	0	0	0	2	0	1	5	1	3	0	1	0	13	0.80
163 PLEURA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.06
164 THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	1	3	0	0	0	1	0	0	1	0	0	1	0	1	0	0	8	0.49
171 CONNECTIVE	2	1	0	4	2	2	2	0	0	4	0	2	0	0	0	0	0	19	1.16
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	2	0.12
173 SKIN OTHER	0	0	0	0	0	2	0	1	1	4	1	2	0	2	2	0	0	15	0.92
174 BREAST FEM	0	0	0	0	1	15	7	34	46	55	43	31	35	8	21	16	0	312	19.13
179 UTERINE UN	0	0	0	0	0	0	0	0	1	3	0	0	1	0	0	0	0	5	0.31
180 CERVIX UTE	0	0	0	0	1	8	19	55	73	86	90	89	60	24	17	3	0	525	32.19
181 PLACENTA	0	0	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	3	0.18
182 BODY UTERU	0	0	0	0	0	0	0	0	0	2	4	6	6	6	0	4	0	28	1.72
183 OVARY	0	0	5	1	0	1	1	9	4	14	9	6	5	5	1	2	0	63	3.86
184 VAGINA	0	0	0	0	1	2	0	2	0	5	3	2	2	1	1	3	0	22	1.35
188 URI BLADDE	0	0	0	0	0	0	0	0	0	2	0	2	1	2	0	0	0	7	0.43
189 KIDNEY	0	0	0	0	1	0	1	0	1	1	0	1	0	1	0	0	0	6	0.37
190 EYE	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.12
191 BRAIN	0	2	0	0	0	1	0	3	0	2	2	1	1	0	0	1	0	13	0.80
192 NERVOUS SY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.06
193 THYROID GL	0	0	0	0	0	2	0	0	1	2	5	2	3	1	3	0	0	19	1.16
194 OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195 ILL DEF SI	0	0	0	0	0	0	0	0	0	2	2	3	1	1	1	1	0	11	0.67
196 SEC LYMPH	0	0	0	0	0	0	0	2	0	0	2	2	2	0	0	0	0	8	0.49
197 SEC RES ET	0	0	0	0	1	2	0	1	1	0	0	7	1	2	0	1	0	16	0.98
198 SEC OTHER	0	1	0	1	0	1	0	0	2	0	2	2	0	0	0	1	0	10	0.61
199 PRIM UNK	1	0	1	1	0	1	1	6	2	8	5	2	0	2	1	0	0	31	1.90
200 LYMPHOSARC	0	0	0	0	1	0	0	1	0	1	0	1	0	0	0	0	0	4	0.25
201 HODGKINS D	1	1	0	1	0	3	0	0	0	1	1	0	0	0	0	0	0	8	0.49
202 OTH LYMPHO	0	5	0	1	3	1	0	2	2	2	2	0	1	2	1	0	0	22	1.35
203 MULT MYELO	0	0	0	0	0	0	0	0	1	2	2	3	1	0	1	0	0	10	0.61
204 LEUK LYMPH	1	3	3	2	2	0	0	0	0	1	0	0	0	0	1	0	0	13	0.80
205 LEUK MYELO	0	1	0	0	0	0	2	1	0	1	1	0	2	0	0	1	0	9	0.55
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208 LEUK UNS	0	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0.18
TOTAL	7	16	16	15	16	54	50	142	180	241	254	228	183	94	78	57	0	1631	100.00
%	0.4	1.0	1.0	0.9	1.0	3.3	3.1	8.7	11.0	14.8	15.6	14.0	11.2	5.8	4.8	3.5	0.0	100.0	

POPULATION-BASED CANCER REGISTRY MADRAS
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

Sex : Males

Year : 1988

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	1.8	2.3	4.1	0.0	0.0	0.3	0.5	1.1
141 TONGUE	0.5	0.0	0.0	0.0	0.0	0.6	2.7	3.1	8.2	6.4	23.7	23.6	48.0	45.3	48.2	24.7	5.3	8.2	16.5
142 SALIVARY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.1	0.0	3.6	2.3	16.5	5.4	0.0	0.5	0.9	1.0
143 GUM	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.9	1.1	7.0	1.8	4.6	8.2	0.0	0.0	0.7	1.0	2.3
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	1.4	5.4	6.9	0.0	0.0	6.2	0.5	0.8	2.2
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.3	7.3	6.4	33.4	29.0	32.0	45.3	16.1	61.8	5.1	8.0	16.4
146 OROPHARY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.8	3.2	7.0	9.1	16.0	28.8	10.7	6.2	1.7	2.9	5.3
147 NASOPHAR	0.0	0.0	0.0	0.5	0.5	1.1	0.7	0.8	0.9	2.1	4.2	0.0	4.6	8.2	10.7	6.2	1.0	1.4	2.0
148 HYPOPHAR	0.0	0.0	0.0	0.5	1.0	0.0	2.0	5.5	5.4	12.8	18.1	32.6	29.7	41.2	37.5	37.1	5.2	7.8	15.6
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	5.3	1.4	3.6	4.6	12.4	5.4	0.0	0.8	1.2	2.5
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.6	4.5	10.7	33.4	41.7	32.0	74.1	75.0	49.4	6.3	10.4	18.1
151 STOMACH	0.0	0.0	0.0	0.0	1.5	1.1	4.6	7.8	7.3	22.5	32.0	49.0	57.1	152.4	53.6	43.2	9.5	15.1	26.1
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.9	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.9	1.1	5.6	3.6	13.7	4.1	10.7	18.5	1.2	1.9	3.8
154 RECTUM	0.0	0.0	0.0	1.5	0.0	1.7	0.0	0.0	2.7	12.8	15.3	10.9	6.9	12.4	16.1	18.5	2.6	3.7	7.8
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.6	0.0	2.3	1.8	7.5	15.3	16.3	16.0	16.5	16.1	12.4	2.6	3.9	8.9
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.8	0.0	1.4	1.8	0.0	4.1	5.4	0.0	0.4	0.5	0.8
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.9	1.1	7.0	3.6	6.9	0.0	0.0	0.0	0.7	1.0	2.9
158 RETROPER	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	1.8	0.0	0.0	0.0	0.0	0.2	0.3	0.6
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	0.0	0.1	0.1	0.0
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.7	3.2	4.2	0.0	4.6	12.4	16.1	6.2	1.0	1.6	2.6
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	4.5	7.5	15.3	23.6	16.0	41.2	16.1	37.1	3.4	5.5	10.1
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	1.3	3.1	4.5	18.2	29.2	52.6	36.5	78.3	64.3	55.6	7.1	11.4	21.2
163 PLEURA	0.5	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.0	1.4	3.6	0.0	0.0	0.0	0.0	0.3	0.4	0.8
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.0	2.8	2.6	1.5	0.6	2.0	1.6	1.8	3.2	1.4	0.0	2.3	0.0	5.4	0.0	1.5	1.4	1.8
171 CONNECTI	1.6	0.0	0.0	0.5	1.0	0.0	0.0	2.3	2.7	2.1	2.8	3.6	2.3	8.2	5.4	0.0	1.2	1.5	2.6
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	5.3	2.8	7.3	0.0	4.1	5.4	18.5	1.0	1.5	2.7
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.1	0.1	0.2
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.1	2.8	1.8	16.0	28.8	42.9	12.4	1.5	2.9	3.1
186 TESTIS	1.1	0.0	0.0	1.5	0.0	1.7	0.7	1.6	0.0	1.1	0.0	1.8	0.0	0.0	0.0	0.0	0.7	0.7	0.7
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.0	2.7	2.3	4.5	9.6	5.6	14.5	18.3	16.5	16.1	24.7	2.8	4.0	8.3
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1	7.0	5.4	9.1	16.5	21.4	12.4	1.3	2.3	3.6	3.6
189 KIDNEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	2.1	0.0	3.6	2.3	0.0	0.0	0.0	0.3	0.4	1.3
190 EYE	2.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	8.2	0.0	6.2	0.6	0.9	0.2
191 BRAIN	0.5	1.9	1.4	0.0	1.5	2.2	2.7	5.5	3.6	3.2	0.0	7.3	11.4	8.2	5.4	0.0	2.4	2.7	4.8
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193 THYROID	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.0	2.7	0.0	1.4	1.8	6.9	0.0	0.0	6.2	0.6	0.8	1.9
194 OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.4	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6
195 ILL DEF	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.8	0.0	0.0	5.4	12.4	0.4	0.6	0.5
196 SEC LYMP	0.0	0.0	0.0	0.0	1.0	0.0	0.7	3.1	0.9	1.1	4.2	5.4	4.6	4.1	10.7	6.2	1.1	1.5	3.0
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.6	1.3	0.8	0.9	1.1	7.0	14.5	16.0	8.2	21.4	24.7	1.9	3.0	5.6
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	4.3	0.0	3.6	2.3	8.2	5.4	6.2	0.7	1.1	1.9
199 PRIM UNK	0.5	0.0	0.5	0.0	0.5	1.1	0.7	0.0	2.7	6.4	7.0	10.9	9.1	8.2	0.0	0.0	1.7	2.2	5.5
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.0	4.2	1.8	2.3	4.1	0.0	12.4	0.5	0.8	1.2
201 HODGKINS	0.0	3.3	0.9	2.1	1.0	0.0	0.0	1.6	3.6	3.2	2.8	1.8	2.3	4.1	0.0	0.0	1.5	1.6	2.6
202 OTH LYMP	0.5	1.9	0.0	1.5	1.0	1.1	0.7	3.1	0.9	1.1	5.6	10.9	9.1	12.4	5.4	12.4	2.1	2.7	4.5
203 MULT MYE	0.0	0.0	0.0	0.0	1.0	0.6	0.0	0.0	0.0	3.2	4.2	3.6	4.6	0.0	0.0	0.0	0.7	0.9	2.4
204 LEUK LYM	3.3	3.8	1.4	1.0	0.5	2.2	0.7	0.0	0.9	0.0	0.0	0.0	0.0	0.0	5.4	0.0	1.4	1.4	0.2
205 LEUK MYE	0.5	0.5	0.0	0.0	1.5	0.0	0.7	0.8	1.8	2.1	0.0	1.8	0.0	4.1	0.0	6.2	0.7	0.9	1.2
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.0	0.0	0.0	0.0	1.0	1.1	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.2
TOTAL	12.5	12.3	7.0	13.4	16.3	20.6	27.2	57.2	88.9	185.0	321.5	424.3	459.0	753.8	562.8	543.5	83.9	125.2	229.9

POPULATION-BASED CANCER REGISTRY MADRAS
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

Sex : Females

Year : 1988

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.9	0.0	0.0	0.0	0.2	0.3	0.9
141 TONGUE	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.9	3.5	2.6	4.8	4.5	2.3	0.0	10.3	0.0	0.9	1.2	3.0
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.0	0.0	1.3	1.6	0.0	0.0	3.9	0.0	0.0	0.3	0.4	0.5
143 GUM	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.7	2.3	3.8	1.6	4.5	4.6	7.8	10.3	5.7	1.0	1.5	3.0
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	2.3	3.9	0.0	0.0	0.2	0.3	0.5
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	4.1	0.0	10.5	7.7	31.7	24.7	32.1	15.7	10.3	45.2	4.5	6.8	16.0
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	1.3	0.0	0.0	2.3	7.8	0.0	0.0	0.3	0.5	1.0
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	0.0	0.0	1.6	0.0	0.0	3.9	0.0	0.0	0.2	0.3	0.4
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	2.3	0.0	3.5	2.3	6.4	14.3	11.2	9.2	7.8	0.0	5.7	2.0	2.8	7.3
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
150 OESOPHAG	0.0	0.0	0.0	0.5	0.0	0.0	1.6	3.5	9.3	11.5	22.2	26.9	29.8	27.4	46.4	22.6	4.7	7.2	15.6
151 STOMACH	0.0	0.0	0.0	0.5	0.0	1.2	3.3	4.3	11.7	11.5	22.2	31.4	16.0	31.3	25.8	22.6	4.7	6.9	15.0
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153 COLON	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.9	1.2	5.1	6.3	6.7	2.3	3.9	0.0	0.0	0.9	1.3	3.6
154 RECTUM	0.0	0.0	0.5	0.5	0.5	0.6	0.8	0.9	1.2	0.0	7.9	6.7	6.9	7.8	0.0	17.0	1.3	1.9	3.4
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.2	0.0	1.6	2.2	2.3	3.9	0.0	5.7	0.5	0.7	1.1
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.3	1.6	2.2	0.0	7.8	10.3	0.0	0.5	0.8	1.1
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	4.6	0.0	0.0	0.0	0.2	0.2	0.6
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	0.1	0.1	0.5
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.2	0.0	1.6	6.7	4.6	0.0	10.3	5.7	0.6	1.0	1.9
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.3	1.3	0.0	4.5	6.9	3.9	5.2	0.0	0.6	0.9	2.3
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	1.6	11.2	2.3	11.7	0.0	5.7	0.7	1.2	2.4
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.5	1.5	0.0	0.0	0.0	0.8	0.0	0.0	1.3	0.0	0.0	2.3	0.0	5.2	0.0	0.5	0.5	0.5
171 CONNECT	1.1	0.5	0.0	2.1	1.0	1.2	1.6	0.0	0.0	5.1	0.0	4.5	0.0	0.0	0.0	0.0	1.1	1.1	1.6
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	2.2	0.0	0.0	0.0	0.0	0.1	0.2	0.5
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.9	1.2	5.1	1.6	4.5	0.0	7.8	10.3	0.0	0.9	1.2	2.2
174 BREAST F	0.0	0.0	0.0	0.0	0.5	8.8	5.8	29.5	53.8	70.5	68.1	69.5	80.1	31.3	108.2	90.4	17.7	24.6	60.0
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.8	0.0	0.0	2.3	0.0	0.0	0.0	0.3	0.4	1.3
180 CERVIX U	0.0	0.0	0.0	0.0	0.5	4.7	15.6	47.7	85.3	110.2	142.6	199.5	137.4	93.9	87.6	17.0	29.8	41.5	113.5
181 PLACENTA	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	6.3	13.4	13.7	23.5	0.0	22.6	1.6	2.7	5.0
183 OVARY	0.0	0.0	2.5	0.5	0.0	0.6	0.8	7.8	4.7	17.9	14.3	13.4	11.4	19.6	5.2	11.3	3.6	4.8	11.4
184 VAGINA	0.0	0.0	0.0	0.0	0.5	1.2	0.0	1.7	0.0	6.4	4.8	4.5	4.6	3.9	5.2	17.0	1.3	1.8	3.5
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	4.6	3.9	10.3	0.0	0.4	0.7	1.1
189 KIDNEY	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	1.2	1.3	0.0	2.2	0.0	3.9	0.0	0.0	0.3	0.4	0.8
190 EYE	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
191 BRAIN	0.0	1.0	0.0	0.0	0.0	0.6	0.0	2.6	0.0	2.6	3.2	2.2	2.3	0.0	0.0	5.7	0.7	0.9	2.1
192 NERVOUS	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	1.2	2.6	7.9	4.5	6.9	3.9	15.5	0.0	1.1	1.6	3.5
194 OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.2	6.7	2.3	3.9	5.2	5.7	0.6	1.0	2.2
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	3.2	4.5	4.6	0.0	0.0	0.0	0.5	0.6	2.0
197 SEC RES	0.0	0.0	0.0	0.0	0.5	1.2	0.0	0.9	1.2	0.0	0.0	15.7	2.3	7.8	0.0	5.7	0.9	1.3	2.7
198 SEC OTH	0.0	0.5	0.0	0.5	0.0	0.6	0.0	0.0	2.3	0.0	3.2	4.5	0.0	0.0	0.0	5.7	0.6	0.7	1.5
199 PRIM UNK	0.6	0.0	0.5	0.5	0.0	0.6	0.8	5.2	2.3	10.3	7.9	4.5	0.0	7.8	5.2	0.0	1.8	2.2	5.3
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.9	0.0	1.3	0.0	2.2	0.0	0.0	0.0	0.0	0.2	0.3	0.7
201 HODGKINS	0.6	0.5	0.0	0.5	0.0	1.8	0.0	0.0	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5
202 OTH LYMP	0.0	2.4	0.0	0.5	1.6	0.6	0.0	1.7	2.3	2.6	3.2	0.0	2.3	7.8	5.2	0.0	1.3	1.4	2.1
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.6	3.2	6.7	2.3	0.0	5.2	0.0	0.6	0.8	2.4
204 LEUK LYM	0.6	1.5	1.5	1.0	1.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.0	5.2	0.0	0.7	0.7	0.2
205 LEUK MYE	0.0	0.5	0.0	0.0	0.0	0.0	1.6	0.9	0.0	1.3	1.6	0.0	4.6	0.0	0.0	5.7	0.5	0.7	1.3
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.0	0.0	1.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
TOTAL	3.9	7.8	7.9	7.8	8.3	31.5	41.1	123.2	210.4	308.8	402.4	511.0	419.0	367.9	401.8	322.1	92.7	129.7	309.2

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Males

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.06	0.04	0.06
141	TONGUE	0.00	0.02	0.79	0.58	1.05
142	SALIVARY GLANDS	0.00	0.00	0.12	0.04	0.15
143	GUM	0.00	0.00	0.12	0.08	0.12
144	FLOOR OF MOUTH	0.00	0.00	0.08	0.08	0.08
145	OTHER MOUTH	0.00	0.00	0.78	0.55	0.86
146	OROPHARYNX	0.00	0.00	0.33	0.19	0.38
147	NASOPHARYNX	0.00	0.01	0.10	0.08	0.17
148	HYPOPHARYNX	0.00	0.02	0.72	0.54	0.93
149	PHARYNX ETC	0.00	0.00	0.14	0.08	0.17
150	OESOPHAGUS	0.00	0.00	0.99	0.62	1.36
151	STOMACH	0.00	0.04	1.63	0.91	1.93
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.01
153	COLON	0.00	0.00	0.15	0.13	0.21
154	RECTUM	0.00	0.02	0.30	0.26	0.40
155	LIVER	0.00	0.00	0.38	0.30	0.46
156	GALL BLADDER	0.00	0.00	0.05	0.03	0.08
157	PANCREAS	0.00	0.01	0.10	0.10	0.10
158	RETROPERITONEUM	0.00	0.00	0.02	0.02	0.02
159	OTHER DIS SYS	0.00	0.00	0.02	0.00	0.02
160	NASAL CAVITY	0.00	0.00	0.14	0.08	0.22
161	LARYNX	0.00	0.00	0.54	0.34	0.63
162	LUNG	0.00	0.01	1.11	0.73	1.43
163	PLEURA	0.00	0.00	0.03	0.03	0.03
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.03	0.05	0.10	0.13
171	CONNECTIVE TISS	0.01	0.01	0.12	0.10	0.16
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.01
173	SKIN OTHER	0.00	0.00	0.11	0.09	0.13
175	BREAST MALE	0.00	0.00	0.01	0.01	0.01
185	PROSTATE	0.00	0.00	0.26	0.11	0.47
186	TESTIS	0.01	0.02	0.02	0.05	0.05
187	PENIS ETC	0.00	0.01	0.36	0.29	0.45
188	URI BLADDER	0.00	0.00	0.21	0.12	0.31
189	KIDNEY	0.00	0.00	0.04	0.04	0.04
190	EYE	0.02	0.00	0.05	0.02	0.06
191	BRAIN	0.02	0.03	0.20	0.21	0.27
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.01	0.06	0.07	0.07
194	OTH ENDO GLANDS	0.00	0.00	0.02	0.02	0.02
195	ILL DEF SITES	0.00	0.01	0.02	0.02	0.05
196	SEC LYMPH NODES	0.00	0.01	0.12	0.10	0.18
197	SEC RES ETC	0.00	0.01	0.24	0.21	0.36
198	SEC OTHER	0.00	0.00	0.10	0.06	0.13
199	PRIM UNK	0.01	0.01	0.22	0.20	0.24
200	LYMPHOSARCOMA	0.00	0.01	0.06	0.05	0.07
201	HODGKINS DIS	0.02	0.02	0.10	0.11	0.13
202	OTH LYMPHOMA	0.01	0.02	0.22	0.19	0.28
203	MULT MYELOMA	0.00	0.01	0.08	0.09	0.09
204	LEUK LYMPHATIC	0.04	0.02	0.00	0.07	0.10
205	LEUK MYELOID	0.01	0.01	0.05	0.05	0.07
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.01	0.00	0.01	0.01
ALL SITES		0.16	0.39	10.82	7.90	13.29

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Females

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.03	0.03	0.03
141	TONGUE	0.00	0.01	0.09	0.10	0.15
142	SALIVARY GLANDS	0.00	0.01	0.03	0.02	0.04
143	GUM	0.00	0.00	0.13	0.10	0.19
144	FLOOR OF MOUTH	0.00	0.00	0.04	0.02	0.04
145	OTHER MOUTH	0.00	0.02	0.61	0.55	0.68
146	OROPHARYNX	0.00	0.00	0.07	0.03	0.07
147	NASOPHARYNX	0.00	0.00	0.03	0.02	0.03
148	HYPOPHARYNX	0.00	0.01	0.27	0.25	0.28
149	PHARYNX ETC	0.00	0.00	0.01	0.01	0.01
150	OESOPHAGUS	0.00	0.01	0.65	0.53	0.89
151	STOMACH	0.00	0.02	0.64	0.51	0.79
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.13	0.11	0.13
154	RECTUM	0.00	0.01	0.16	0.13	0.17
155	LIVER	0.00	0.01	0.06	0.04	0.06
156	GALL BLADDER	0.00	0.00	0.02	0.02	0.02
157	PANCREAS	0.00	0.00	0.07	0.03	0.12
158	RETROPERITONEUM	0.00	0.00	0.02	0.03	0.03
159	OTHER DIS SYS	0.00	0.00	0.02	0.02	0.02
160	NASAL CAVITY	0.00	0.00	0.07	0.07	0.12
161	LARYNX	0.00	0.00	0.10	0.08	0.12
162	LUNG	0.00	0.00	0.15	0.09	0.15
163	PLEURA	0.00	0.00	0.01	0.01	0.01
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.00	0.02	0.03	0.06
171	CONNECTIVE TISS	0.01	0.03	0.05	0.09	0.09
172	SKIN MELANOMA	0.00	0.00	0.02	0.02	0.02
173	SKIN OTHER	0.00	0.01	0.11	0.07	0.16
174	BREAST FEM	0.00	0.08	1.99	1.91	2.60
179	UTERINE UNS	0.00	0.00	0.04	0.04	0.04
180	CERVIX UTERI	0.00	0.10	4.00	3.65	4.52
181	PLACENTA	0.00	0.01	0.00	0.01	0.01
182	BODY UTERUS	0.00	0.00	0.30	0.18	0.30
183	OVARY	0.01	0.01	0.44	0.37	0.49
184	VAGINA	0.00	0.01	0.13	0.12	0.16
188	URI BLADDER	0.00	0.00	0.06	0.04	0.11
189	KIDNEY	0.00	0.01	0.04	0.03	0.05
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.00	0.00	0.06	0.07	0.07
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.01	0.13	0.12	0.22
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.09	0.07	0.12
196	SEC LYMPH NODES	0.00	0.00	0.07	0.07	0.07
197	SEC RES ETC	0.00	0.01	0.14	0.11	0.15
198	SEC OTHER	0.00	0.01	0.05	0.06	0.06
199	PRIM UNK	0.01	0.01	0.19	0.17	0.23
200	LYMPHOSARCOMA	0.00	0.00	0.02	0.02	0.02
201	HODGKINS DIS	0.01	0.01	0.01	0.03	0.03
202	OTH LYMPHOMA	0.01	0.01	0.10	0.09	0.15
203	MULT MYELOMA	0.00	0.00	0.08	0.08	0.11
204	LEUK LYMPHATIC	0.02	0.01	0.01	0.03	0.06
205	LEUK MYELOID	0.00	0.01	0.04	0.05	0.05
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.00	0.01	0.01
ALL SITES		0.10	0.44	11.05	9.89	12.82

POPULATION-BASED CANCER REGISTRY MADRAS
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

Sex : Male

Year : 1988

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	2	33.33	0	0.00	4	66.67	0	0.00	0	0.00	6	100.00
141	TONGUE	69	69.00	1	1.00	28	28.00	0	0.00	0	0.00	10	100.00
142	SALIVARY GLANDS	8	80.00	0	0.00	2	20.00	0	0.00	0	0.00	10	100.00
143	GUM	9	69.23	0	0.00	4	30.77	0	0.00	0	0.00	13	100.00
144	FLOOR OF MOUTH	8	80.00	0	0.00	2	20.00	0	0.00	0	0.00	10	100.00
145	OTHER MOUTH	66	68.75	0	0.00	29	30.21	0	0.00	1	1.04	96	100.00
146	OROPHARYNX	22	66.67	0	0.00	10	30.30	1	3.03	0	0.00	33	100.00
147	NASOPHARYNX	16	84.21	0	0.00	3	15.79	0	0.00	0	0.00	19	100.00
148	HYPOPHARYNX	71	72.45	0	0.00	19	19.39	5	5.10	3	3.06	98	100.00
149	PHARYNX ETC	9	60.00	1	6.67	3	20.00	1	6.67	1	6.67	15	100.00
150	OESOPHAGUS	70	58.82	6	5.04	8	6.72	33	27.73	2	1.68	119	100.00
151	STOMACH	107	59.44	5	2.78	9	5.00	50	27.78	9	5.00	180	100.00
152	SMALL INTESTINE	2	66.67	0	0.00	0	0.00	1	33.33	0	0.00	3	100.00
153	COLON	9	40.91	5	22.73	1	4.55	3	13.64	4	18.18	22	100.00
154	RECTUM	42	84.00	1	2.00	3	6.00	0	0.00	4	8.00	50	100.00
155	LIVER	38	77.55	4	8.16	2	4.08	2	4.08	3	6.12	49	100.00
156	GALL BLADDER	3	42.86	1	14.29	1	14.29	0	0.00	2	28.57	7	100.00
157	PANCREAS	7	50.00	5	35.71	2	14.29	0	0.00	0	0.00	14	100.00
158	RETROPERITONEUM	2	50.00	1	25.00	1	25.00	0	0.00	0	0.00	4	100.00
159	OTHER DIS SYS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
160	NASAL CAVITY	13	68.42	0	0.00	4	21.05	0	0.00	2	10.53	19	100.00
161	LARYNX	45	70.31	0	0.00	14	21.88	3	4.69	2	3.13	64	100.00
162	LUNG	79	58.96	18	13.43	4	2.99	27	20.15	6	4.48	134	100.00
163	PLEURA	2	33.33	2	33.33	0	0.00	1	16.67	1	16.67	6	100.00
164	THYMUS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	21	75.00	1	3.57	4	14.29	0	0.00	2	7.14	28	100.00
171	CONNECTIVE TISS	22	100.00	0	0.00	0	0.00	0	0.00	0	0.00	22	100.00
172	SKIN MELANOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
173	SKIN OTHER	15	83.33	0	0.00	3	16.67	0	0.00	0	0.00	18	100.00
175	BREAST MALE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
185	PROSTATE	16	55.17	5	17.24	7	24.14	0	0.00	1	3.45	29	100.00
186	TESTIS	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	100.00
187	PENIS ETC	37	71.15	0	0.00	14	26.92	0	0.00	1	1.92	52	100.00
188	URI BLADDER	19	76.00	0	0.00	6	24.00	0	0.00	0	0.00	25	100.00
189	KIDNEY	3	50.00	2	33.33	1	16.67	0	0.00	0	0.00	6	100.00
190	EYE	10	90.91	0	0.00	0	0.00	0	0.00	1	9.09	11	100.00
191	BRAIN	38	84.44	2	4.44	1	2.22	2	4.44	2	4.44	45	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	6	54.55	1	9.09	4	36.36	0	0.00	0	0.00	11	100.00
194	OTH ENDO GLANDS	2	66.67	1	33.33	0	0.00	0	0.00	0	0.00	3	100.00
195	ILL DEF SITES	3	42.86	1	14.29	1	14.29	0	0.00	2	28.57	7	100.00
196	SEC LYMPH NODES	19	90.48	0	0.00	2	9.52	0	0.00	0	0.00	21	100.00
197	SEC RES ETC	11	30.56	20	55.56	3	8.33	1	2.78	1	2.78	36	100.00
198	SEC OTHER	9	69.23	3	23.08	0	0.00	1	7.69	0	0.00	13	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	32	100.00	32	100.00
200	LYMPHOSARCOMA	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
201	HODGKINS DIS	26	89.66	0	0.00	1	3.45	0	0.00	2	6.90	29	100.00
202	OTH LYMPHOMA	35	89.74	0	0.00	2	5.13	0	0.00	2	5.13	39	100.00
203	MULT MYELOMA	12	92.31	0	0.00	1	7.69	0	0.00	0	0.00	13	100.00
204	LEUK LYMPHATIC	27	100.00	0	0.00	0	0.00	0	0.00	0	0.00	27	100.00
205	LEUK MYELOID	14	100.00	0	0.00	0	0.00	0	0.00	0	0.00	14	100.00
206	LEUK MONOCYTIC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	3	60.00	0	0.00	0	0.00	0	0.00	2	40.00	5	100.00
ALL SITES TOTALS		1076		86		203		131		90		1586	
%		67.84		5.42		12.80		8.26		5.67		100.00	

POPULATION-BASED CANCER REGISTRY MADRAS
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

Sex : Female

Year : 1988

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
141	TONGUE	12	75.00	0	0.00	4	25.00	0	0.00	0	0.00	16	100.00
142	SALIVARY GLANDS	4	80.00	1	20.00	0	0.00	0	0.00	0	0.00	5	100.00
143	GUM	15	83.33	0	0.00	3	16.67	0	0.00	0	0.00	18	100.00
144	FLOOR OF MOUTH	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
145	OTHER MOUTH	47	59.49	1	1.27	29	36.71	0	0.00	2	2.53	79	100.00
146	OROPHARYNX	3	50.00	0	0.00	2	33.33	1	16.67	0	0.00	6	100.00
147	NASOPHARYNX	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
148	HYPOPHARYNX	27	75.00	0	0.00	4	11.11	5	13.89	0	0.00	36	100.00
149	PHARYNX ETC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
150	OESOPHAGUS	57	68.67	3	3.61	5	6.02	13	15.66	5	6.02	83	100.00
151	STOMACH	48	57.83	0	0.00	9	10.84	14	16.87	12	14.46	83	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	14	87.50	0	0.00	1	6.25	1	6.25	0	0.00	16	100.00
154	RECTUM	14	60.87	0	0.00	4	17.39	2	8.70	3	13.04	23	100.00
155	LIVER	6	75.00	1	12.50	0	0.00	0	0.00	1	12.50	8	100.00
156	GALL BLADDER	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
157	PANCREAS	3	33.33	1	11.11	2	22.22	3	33.33	0	0.00	9	100.00
158	RETROPERITONEUM	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
159	OTHER DIS SYS	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
160	NASAL CAVITY	9	81.82	0	0.00	2	18.18	0	0.00	0	0.00	11	100.00
161	LARYNX	6	54.55	0	0.00	3	27.27	0	0.00	2	18.18	11	100.00
162	LUNG	9	69.23	3	23.08	0	0.00	0	0.00	1	7.69	13	100.00
163	PLEURA	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
171	CONNECTIVE TISS	17	89.47	1	5.26	1	5.26	0	0.00	0	0.00	19	100.00
172	SKIN MELANOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
173	SKIN OTHER	14	93.33	0	0.00	1	6.67	0	0.00	0	0.00	15	100.00
174	BREAST FEM	251	80.45	2	0.64	52	16.67	1	0.32	6	1.92	312	100.00
179	UTERINE UNS	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
180	CERVIX UTERI	437	83.24	3	0.57	71	13.52	1	0.19	13	2.48	525	100.00
181	PLACENTA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
182	BODY UTERUS	27	96.43	0	0.00	1	3.57	0	0.00	0	0.00	28	100.00
183	OVARY	48	76.19	5	7.94	6	9.52	0	0.00	4	6.35	63	100.00
184	VAGINA	19	86.36	0	0.00	2	9.09	0	0.00	1	4.55	22	100.00
188	URI BLADDER	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
189	KIDNEY	4	66.67	0	0.00	1	16.67	0	0.00	1	16.67	6	100.00
190	EYE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
191	BRAIN	11	84.62	2	15.38	0	0.00	0	0.00	0	0.00	13	100.00
192	NERVOUS SYSTEM	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
193	THYROID GLAND	10	52.63	3	15.79	5	26.32	1	5.26	0	0.00	19	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	6	54.55	0	0.00	4	36.36	0	0.00	1	9.09	11	100.00
196	SEC LYMPH NODES	7	87.50	0	0.00	1	12.50	0	0.00	0	0.00	8	100.00
197	SEC RES ETC	3	18.75	10	62.50	2	12.50	1	6.25	0	0.00	16	100.00
198	SEC OTHER	6	60.00	1	10.00	3	30.00	0	0.00	0	0.00	10	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	31	100.00	31	100.00
200	LYMPHOSARCOMA	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
201	HODGKINS DIS	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
202	OTH LYMPHOMA	18	81.82	0	0.00	1	4.55	0	0.00	3	13.64	22	100.00
203	MULT MYELOMA	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
204	LEUK LYMPHATIC	12	92.31	0	0.00	0	0.00	0	0.00	1	7.69	13	100.00
205	LEUK MYELOID	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	2	66.67	0	0.00	0	0.00	0	0.00	1	33.33	3	100.00
ALL SITES TOTALS		1237		38		224		43		89		1634	
%		75.84		2.33		13.73		2.64		5.46		100.00	

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Males

Year : 1989

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	2	0	1	1	2	1	0	0	7	0.46
141 TONGUE	0	0	0	0	1	0	1	3	7	11	9	14	10	6	4	3	0	69	4.57
142 SALIVARY G	0	0	0	0	0	1	0	1	0	0	1	0	0	2	0	0	0	5	0.33
143 GUM	0	0	0	0	0	0	0	1	1	1	2	2	2	1	1	0	0	11	0.73
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.07
145 OTHER MOUT	0	0	0	0	0	0	1	2	2	13	14	19	8	8	5	6	0	78	5.17
146 OROPHARYNX	0	0	0	0	0	0	0	1	2	2	7	2	2	3	2	2	0	23	1.52
147 NASOPHARYN	0	0	2	0	4	0	2	0	0	1	1	1	0	0	0	1	0	12	0.80
148 HYPOPHARYN	0	0	0	0	0	0	0	3	0	9	15	13	14	13	4	5	0	76	5.04
149 PHARYNX ET	0	0	0	0	0	0	1	3	0	0	5	2	0	0	0	3	0	14	0.93
150 OESOPHAGUS	0	0	0	0	1	0	2	4	6	12	21	27	16	15	10	9	0	123	8.15
151 STOMACH	0	0	0	0	0	1	7	6	10	16	39	38	32	23	18	11	0	201	13.32
152 SMALL INTE	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.07
153 COLON	0	0	0	0	1	0	3	1	2	4	2	3	5	2	3	1	0	27	1.79
154 RECTUM	0	0	0	0	1	1	0	2	4	7	5	3	7	10	2	9	0	51	3.38
155 LIVER	0	0	0	0	0	0	0	0	2	1	5	7	4	0	0	4	0	23	1.52
156 GALL BLADD	0	0	0	0	0	0	0	1	0	0	1	2	1	0	0	0	0	5	0.33
157 PANCREAS	0	0	0	0	0	2	0	1	1	1	5	5	2	1	1	0	0	19	1.26
158 RETROPERIT	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0.13
159 OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160 NASAL CAVI	0	0	0	0	0	0	1	0	2	0	3	1	0	0	2	0	0	9	0.60
161 LARYNX	0	0	0	0	0	0	1	2	8	3	6	8	12	10	5	8	0	63	4.17
162 LUNG	0	0	0	0	0	1	1	3	9	18	20	23	27	18	7	7	0	134	8.88
163 PLEURA	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	3	0.20
164 THYMUS	0	0	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	4	0.27
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	3	2	5	1	1	1	1	1	1	2	0	0	0	0	0	0	18	1.19
171 CONNECTIVE	0	1	1	1	2	3	0	5	0	0	2	0	1	1	1	0	0	18	1.19
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	1	0	4	0.27
173 SKIN OTHER	0	1	0	0	0	1	1	3	4	0	5	4	3	1	5	1	0	29	1.92
175 BREAST MAL	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	3	0	7	0.46
185 PROSTATE	0	0	0	0	0	0	0	0	0	1	2	3	6	7	7	9	0	35	2.32
186 TESTIS	0	0	0	0	1	1	4	4	0	1	6	0	6	0	2	0	0	19	1.26
187 PENIS ETC	0	0	0	0	0	0	1	2	2	2	5	8	5	4	2	3	0	34	2.25
188 URI BLADDE	0	0	0	1	0	1	0	1	2	2	9	2	12	5	7	2	0	44	2.92
189 KIDNEY	0	0	0	0	1	0	0	0	1	1	3	3	2	1	0	0	0	12	0.80
190 EYE	2	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	5	0.33
191 BRAIN	1	3	2	4	3	4	2	4	4	2	2	0	2	0	0	1	0	34	2.25
192 NERVOUSSY	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.07
193 THYROID GL	0	0	0	0	0	1	0	0	1	3	2	1	2	1	1	0	0	12	0.80
194 OTH ENDO G	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.13
195 ILL DEF SI	0	0	0	0	0	0	0	0	0	2	1	0	2	2	0	2	0	9	0.60
196 SEC LYMPH	0	0	0	0	0	1	3	1	1	1	2	1	4	5	1	3	0	23	1.52
197 SEC RES ET	0	0	0	0	0	0	1	2	5	1	10	9	6	2	2	4	0	42	2.78
198 SEC OTHER	0	0	0	0	0	0	1	0	0	3	1	0	1	2	0	2	0	10	0.66
199 PRIM UNK	0	0	0	0	1	1	0	3	1	4	4	8	1	9	1	5	0	38	2.52
200 LYMPHOSARC	1	0	0	1	1	1	1	0	0	0	2	0	2	0	0	0	0	9	0.60
201 HODGKINS D	2	1	5	3	1	5	2	1	1	3	2	2	1	1	1	0	0	31	2.05
202 OTH LYMPHO	3	2	0	5	2	1	2	5	3	10	3	3	7	1	1	2	0	50	3.31
203 MULT MYELO	0	0	0	0	0	0	0	0	0	0	1	0	1	3	0	0	0	5	0.33
204 LEUK LYMPH	9	8	1	1	2	2	0	0	1	0	0	0	0	1	1	0	0	26	1.72
205 LEUK MYELO	2	0	1	1	0	4	2	4	1	1	3	3	0	1	1	0	0	24	1.59
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0.13
207 LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208 LEUK UNS	1	0	0	1	0	0	2	0	0	0	0	1	0	0	0	0	0	5	0.33
TOTAL	22	21	16	24	23	34	43	71	87	144	234	219	204	162	98	107	0	1509	100.00
%	1.5	1.4	1.1	1.6	1.5	2.3	2.8	4.7	5.8	9.5	15.5	14.5	13.5	10.7	6.5	7.1	0.0	100.0	

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Females

Year : 1989

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	3	0.18
141 TONGUE	0	0	0	0	0	0	0	0	1	6	4	1	4	4	2	1	0	23	1.34
142 SALIVARY G	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	0	4	0.23
143 GUM	0	0	0	1	0	1	0	0	2	1	3	4	2	2	1	1	0	18	1.05
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	2	0.12
145 OTHER MOUT	0	0	0	0	1	0	4	8	6	7	11	9	11	9	5	6	0	77	4.50
146 OROPHARYNX	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	0	5	0.29
147 NASOPHARYN	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	4	0.23
148 HYPOPHARYN	0	0	0	0	1	0	1	4	1	5	9	3	4	2	2	2	0	34	1.99
149 PHARYNX ET	0	0	0	0	0	1	0	0	0	0	0	1	2	2	0	0	0	6	0.35
150 OESOPHAGUS	0	0	0	0	0	0	4	5	6	15	12	9	16	10	9	4	0	90	5.26
151 STOMACH	0	0	0	0	0	1	2	5	8	16	11	11	17	7	3	4	0	85	4.96
152 SMALL INTE	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.06
153 COLON	0	0	0	0	0	0	1	0	1	2	3	1	1	1	0	0	0	10	0.58
154 RECTUM	0	0	0	0	0	5	1	0	1	1	5	4	5	5	3	1	0	31	1.81
155 LIVER	0	0	0	0	0	1	0	1	0	1	2	1	1	0	1	0	0	8	0.47
156 GALL BLADD	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	1	0	6	0.35
157 PANCREAS	0	0	0	0	0	1	0	1	1	3	1	0	1	0	1	0	0	9	0.53
158 RETROPERIT	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0.12
159 OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160 NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	4	2	1	0	1	0	8	0.47
161 LARYNX	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	0	4	0.23
162 LUNG	0	0	0	0	0	0	0	0	2	6	1	2	6	1	0	2	0	20	1.17
163 PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
164 THYMUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.06
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	0	0	2	0	2	1	0	1	0	2	2	0	0	0	0	0	10	0.58
171 CONNECTIVE	1	0	1	2	3	3	1	1	1	1	0	0	0	0	0	0	0	14	0.82
172 SKIN MELAN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	0.12
173 SKIN OTHER	0	0	0	0	0	0	0	0	1	5	0	2	0	0	0	1	0	9	0.53
174 BREAST FEM	0	0	0	0	3	6	8	36	44	54	46	41	33	18	12	12	0	313	18.28
179 UTERINE UN	0	0	0	0	0	1	0	0	0	1	1	2	0	0	0	0	0	5	0.29
180 CERVIX UTE	0	0	0	0	2	6	24	61	65	102	96	76	61	31	20	12	0	556	32.48
181 PLACENTA	0	0	0	0	1	0	1	2	0	0	0	0	0	0	0	0	0	4	0.23
182 BODY UTERU	0	0	0	0	0	1	0	1	3	5	1	3	2	1	2	3	0	22	1.29
183 OVARY	0	1	2	0	2	3	3	7	10	13	15	11	5	3	4	1	0	80	4.67
184 VAGINA	0	0	0	0	0	0	1	1	2	3	1	3	6	2	3	1	0	23	1.34
188 URI BLADDE	0	0	0	0	0	0	0	2	0	0	1	1	0	5	1	1	0	11	0.64
189 KIDNEY	1	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	8	0.47
190 EYE	2	2	0	0	0	1	0	0	1	0	0	2	1	0	0	0	0	9	0.53
191 BRAIN	2	1	0	0	0	0	1	2	0	1	1	2	1	0	0	0	0	11	0.64
192 NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193 THYROID GL	0	0	0	0	1	1	1	1	2	3	3	0	2	0	1	0	0	15	0.88
194 OTH ENDO G	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.12
195 ILL DEF SI	0	0	1	1	0	0	0	0	0	0	0	2	1	0	0	0	0	5	0.29
196 SEC LYMPH	0	0	0	0	1	0	0	1	0	0	1	0	1	0	2	1	0	7	0.41
197 SEC RES ET	1	0	0	2	0	0	4	1	2	8	6	3	1	2	1	1	0	32	1.87
198 SEC OTHER	0	0	0	0	0	0	0	0	0	1	0	3	1	0	1	0	0	6	0.35
199 PRIM UNK	0	0	0	2	2	1	1	2	2	11	7	7	3	5	3	1	0	47	2.75
200 LYMPHOSARC	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	3	0.18
201 HODGKINS D	1	1	0	0	2	0	0	0	2	2	1	1	0	0	0	0	0	10	0.58
202 OTH LYMPHO	1	2	0	0	3	3	1	1	1	4	2	1	2	0	1	1	0	23	1.34
203 MULT MYELO	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0.12
204 LEUK LYMPH	2	4	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	10	0.58
205 LEUK MYELO	0	2	3	0	1	1	0	1	0	2	3	1	1	0	0	0	0	15	0.88
206 LEUK MONOC	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	3	0.18
207 LEUK OTH S	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.06
208 LEUK UNS	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	3	0.18
TOTAL	11	14	10	12	27	42	63	147	168	285	256	221	199	116	81	60	0	1712	100.00
%	0.6	0.8	0.6	0.7	1.6	2.5	3.7	8.6	9.8	16.6	15.0	12.9	11.6	6.8	4.7	3.5	0.0	100.0	

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Males

Year : 1989

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	1.8	2.2	8.1	5.3	0.0	0.4	0.6	0.9
141 TONGUE	0.0	0.0	0.0	0.0	0.5	0.0	0.7	2.3	6.3	11.6	12.3	25.0	22.5	24.3	21.1	18.3	3.6	5.3	12.0
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	1.4	0.0	0.0	8.1	0.0	0.0	0.3	0.4	0.4
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	1.1	2.7	3.6	4.5	4.1	5.3	0.0	0.6	0.9	2.0
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	1.8	13.7	19.2	33.9	18.0	32.5	26.4	36.5	4.1	6.3	13.1
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.8	2.1	9.6	3.6	4.5	12.2	10.6	12.2	1.2	1.9	3.5
147 NASOPHAR	0.0	0.0	0.9	0.0	2.0	0.0	1.3	0.0	0.0	1.1	1.4	1.8	0.0	0.0	0.0	6.1	0.6	0.6	0.7
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	9.5	20.6	23.2	31.5	52.8	21.1	30.4	4.0	6.5	12.7
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.7	2.3	0.0	0.0	6.9	3.6	0.0	0.0	0.0	18.3	0.7	1.0	2.0
150 OESOPHAG	0.0	0.0	0.0	0.0	0.5	0.0	1.3	3.1	5.4	12.6	28.8	48.2	36.0	60.9	52.8	54.8	6.4	10.2	19.6
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.5	4.6	4.6	8.9	16.9	53.5	67.9	72.0	93.3	95.1	66.9	10.5	16.5	32.6
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
153 COLON	0.0	0.0	0.0	0.0	0.5	0.0	2.0	0.8	1.8	4.2	2.7	5.4	11.2	8.1	15.8	6.1	1.4	2.0	3.9
154 RECTUM	0.0	0.0	0.0	0.0	0.5	0.5	0.0	1.5	3.6	7.4	6.9	5.4	15.7	40.6	10.6	54.8	2.7	4.5	6.2
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	1.1	6.9	12.5	9.0	0.0	0.0	24.3	1.2	1.9	4.4
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	1.4	3.6	2.2	0.0	0.0	0.0	0.3	0.3	1.1
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.8	0.9	1.1	6.9	8.9	4.5	4.1	5.3	0.0	1.0	1.4	3.4
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.4	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.8	0.0	4.1	1.8	0.0	0.0	10.6	0.0	0.5	0.6	1.2
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	7.1	3.2	8.2	14.3	27.0	40.6	26.4	48.7	3.3	5.5	8.9
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.5	0.7	2.3	8.0	19.0	27.4	41.1	60.7	73.0	37.0	42.6	7.0	11.1	23.2
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.4	0.0	2.2	0.0	0.0	0.0	0.2	0.2	0.7
164 THYMUS	0.0	0.0	0.5	0.0	0.0	0.5	0.0	0.0	0.9	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.4
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	1.4	0.9	2.5	0.5	0.5	0.7	0.8	0.9	1.1	2.7	0.0	0.0	0.0	0.0	0.0	0.9	0.9	1.0
171 CONNECTI	0.0	0.5	0.5	0.5	1.0	1.6	0.0	3.9	0.0	0.0	2.7	0.0	2.2	4.1	5.3	0.0	0.9	1.0	1.5
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.7	0.0	0.0	0.0	0.0	6.1	0.2	0.3	0.6
173 SKIN OTH	0.0	0.5	0.0	0.0	0.0	0.5	0.7	2.3	3.6	0.0	6.9	7.1	6.7	4.1	26.4	6.1	1.5	2.2	4.0
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.4	0.0	2.2	4.1	0.0	18.3	0.4	0.7	0.7
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.7	5.4	13.5	28.4	37.0	54.8	1.8	3.6	3.1
186 TESTIS	0.0	0.0	0.0	0.0	0.5	0.5	2.6	3.1	0.0	1.1	8.2	0.0	0.0	0.0	10.6	0.0	1.0	1.1	2.1
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	1.8	2.1	6.9	14.3	11.2	16.2	10.6	18.3	1.8	2.8	5.5
188 URI BLAD	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.8	1.8	2.1	12.3	3.6	27.0	20.3	37.0	12.2	2.3	3.8	6.8
189 KIDNEY	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.9	1.1	4.1	5.4	4.5	4.1	0.0	0.0	0.6	0.9	2.3
190 EYE	1.1	0.5	0.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.1
191 BRAIN	0.5	1.4	0.9	2.0	1.5	2.2	1.3	3.1	3.6	2.1	2.7	0.0	4.5	0.0	0.0	6.1	1.8	1.8	2.7
192 NERVOUS	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.9	3.2	2.7	1.8	4.5	4.1	5.3	0.0	0.6	0.9	2.0
194 OTH ENDO	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	1.4	0.0	4.5	8.1	0.0	12.2	0.5	0.9	1.2
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.5	2.0	0.8	0.9	1.1	2.7	1.8	9.0	20.3	5.3	18.3	1.2	2.0	2.4
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	4.5	1.1	13.7	16.1	13.5	8.1	10.6	24.3	2.2	3.3	7.4
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	3.2	1.4	0.0	2.2	8.1	0.0	12.2	0.5	0.9	1.1
199 PRIM UNK	0.0	0.0	0.0	0.0	0.5	0.5	0.0	2.3	0.9	4.2	5.5	14.3	2.2	36.5	5.3	30.4	2.0	3.3	4.5
200 LYMPHOSA	0.5	0.0	0.0	0.5	0.5	0.5	0.7	0.0	0.0	0.0	2.7	0.0	4.5	0.0	0.0	0.0	0.5	0.6	1.0
201 HODGKINS	1.1	0.5	2.3	1.5	0.5	2.7	1.3	0.8	0.9	3.2	2.7	3.6	2.2	4.1	5.3	0.0	1.6	1.7	2.1
202 OTH LYMP	1.6	0.9	0.0	2.5	1.0	0.5	1.3	3.9	2.7	10.5	4.1	5.4	15.7	4.1	5.3	12.2	2.6	3.3	6.7
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.2	12.2	0.0	0.0	0.3	0.5	0.5
204 LEUK LYM	4.8	3.7	0.5	0.5	1.0	1.1	0.0	0.0	0.9	0.0	0.0	0.0	0.0	4.1	5.3	0.0	1.4	1.5	0.2
205 LEUK MYE	1.1	0.0	0.5	0.5	0.0	2.2	1.3	3.1	0.9	1.1	4.1	5.4	0.0	4.1	5.3	0.0	1.3	1.4	2.3
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.2	0.0	0.0	0.0	0.1	0.2	0.5
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.5	0.0	0.0	0.5	0.0	0.0	1.3	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.3	0.3	0.2
TOTAL	11.8	9.8	7.4	12.2	11.5	18.6	28.1	54.8	77.7	151.7	320.9	391.3	459.0	657.4	517.5	651.1	78.7	118.5	216.5

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Females

Year : 1989

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	5.1	0.0	0.2	0.3	0.6
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	7.6	6.2	2.2	9.0	15.4	10.2	5.6	1.3	2.1	4.1
142 SALIVARY	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5
143 GUM	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.0	2.3	1.3	4.7	8.8	4.5	7.7	5.1	5.6	1.0	1.5	3.2
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.3	0.0	0.0	0.0	0.1	0.2	0.6
145 OTHER MO	0.0	0.0	0.0	0.0	0.5	0.0	3.2	6.8	6.9	8.8	17.2	19.9	24.8	34.7	25.4	33.4	4.3	6.5	12.9
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.6	4.4	2.3	0.0	0.0	0.0	0.3	0.4	1.4
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	1.6	2.2	0.0	0.0	0.0	0.0	0.2	0.3	1.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.5	0.0	0.8	3.4	1.2	6.3	14.1	6.6	9.0	7.7	10.2	11.1	1.9	2.7	6.4
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	2.2	4.5	7.7	0.0	0.0	0.3	0.5	0.9
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	3.2	4.3	6.9	18.9	18.7	19.9	36.1	38.6	45.7	22.3	5.0	7.7	16.1
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.6	1.6	4.3	9.2	20.2	17.2	24.3	38.4	27.0	15.2	22.3	4.8	7.1	17.4
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	2.5	4.7	2.2	2.3	3.9	0.0	0.0	0.6	0.8	2.0
154 RECTUM	0.0	0.0	0.0	0.0	0.0	2.9	0.8	0.0	1.2	1.3	7.8	8.8	11.3	19.3	15.2	5.6	1.7	2.6	4.3
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	0.0	1.3	3.1	2.2	2.3	0.0	5.1	0.0	0.4	0.6	1.5
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.2	2.3	7.7	0.0	5.6	0.3	0.6	0.8
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	1.2	3.8	1.6	0.0	2.3	0.0	5.1	0.0	0.5	0.7	1.7
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.8	4.5	3.9	0.0	5.6	0.4	0.8	1.7
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	0.0	0.0	2.2	0.0	0.0	0.0	5.6	0.2	0.3	0.5
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	7.6	1.6	4.4	13.5	3.9	0.0	11.1	1.1	1.7	4.5
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164 THYMUS	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.0	0.0	1.0	0.0	1.2	0.8	0.0	1.2	0.0	3.1	4.4	0.0	0.0	0.0	0.0	0.6	0.6	1.3
171 CONNECTI	0.5	0.0	0.5	1.0	1.5	1.7	0.8	0.9	1.2	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.6
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.1	0.2	0.2
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	6.3	0.0	4.4	0.0	0.0	0.0	5.6	0.5	0.7	2.0
174 BREAST F	0.0	0.0	0.0	0.0	1.5	3.5	6.5	30.8	50.7	68.2	71.8	90.6	74.5	69.4	60.9	66.8	17.5	24.6	61.8
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.3	1.6	4.4	0.0	0.0	0.0	0.0	0.3	0.4	1.1
180 CERVIX U	0.0	0.0	0.0	0.0	1.0	3.5	19.4	52.1	74.9	128.8	149.9	167.9	137.7	119.6	101.5	66.8	31.1	43.5	113.1
181 PLACENTA	0.0	0.0	0.0	0.0	0.5	0.0	0.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	3.5	6.3	1.6	6.6	4.5	3.9	10.2	16.7	1.2	1.9	3.7
183 OVARY	0.0	0.5	1.0	0.0	1.0	1.7	2.4	6.0	11.5	16.4	23.4	24.3	11.3	11.6	20.3	5.6	4.5	6.0	14.9
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.9	2.3	3.8	1.6	6.6	13.5	7.7	15.2	5.6	1.3	2.0	4.2
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	1.6	2.2	0.0	19.3	5.1	5.6	0.6	1.1	0.9
189 KIDNEY	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.6	2.2	2.3	3.9	5.1	5.6	0.4	0.7	1.0
190 EYE	1.1	1.0	0.0	0.0	0.0	0.6	0.0	0.0	1.2	0.0	0.0	4.4	2.3	0.0	0.0	0.0	0.5	0.6	1.1
191 BRAIN	1.1	0.5	0.0	0.0	0.0	0.0	0.8	1.7	0.0	1.3	1.6	4.4	2.3	0.0	0.0	0.0	0.6	0.8	1.7
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.5	0.6	0.8	0.9	2.3	3.8	4.7	0.0	4.5	0.0	5.1	0.0	0.8	1.1	2.7
194 OTH ENDO	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
195 ILL DEF	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	2.3	0.0	0.0	0.0	0.3	0.4	0.9
196 SEC LYMP	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.9	0.0	0.0	1.6	0.0	2.3	0.0	10.2	5.6	0.4	0.6	0.7
197 SEC RES	0.5	0.0	0.0	1.0	0.0	0.0	3.2	0.9	2.3	10.1	9.4	6.6	2.3	7.7	5.1	5.6	1.8	2.4	5.2
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	6.6	2.3	0.0	5.1	0.0	0.3	0.5	1.4
199 PRIM UNK	0.0	0.0	0.0	1.0	1.0	0.6	0.8	1.7	2.3	13.9	10.9	15.5	6.8	19.3	15.2	5.6	2.6	3.8	8.1
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.2	0.0	3.9	0.0	0.0	0.2	0.3	0.3
201 HODGKINS	0.5	0.5	0.0	0.0	1.0	0.0	0.0	0.0	2.3	2.5	1.6	2.2	0.0	0.0	0.0	0.0	0.6	0.7	1.5
202 OTH LYMP	0.5	1.0	0.0	0.0	1.5	1.7	0.8	0.9	1.2	5.1	3.1	2.2	4.5	0.0	5.1	5.6	1.3	1.5	2.7
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5
204 LEUK LYM	1.1	1.9	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0
205 LEUK MYE	0.0	1.0	1.5	0.0	0.5	0.6	0.0	0.9	0.0	2.5	4.7	2.2	2.3	0.0	0.0	0.0	0.8	0.9	2.0
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	0.0	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.2	0.2	0.2
207 LEUK OTH	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
208 LEUK UNS	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
TOTAL	6.0	6.7	4.9	6.1	13.8	24.2	51.1	125.7	193.5	360.0	399.7	488.2	449.1	447.5	411.2	334.2	95.9	135.0	316.9

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Males

Year : 1989

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.07	0.03	0.10
141	TONGUE	0.00	0.01	0.52	0.41	0.63
142	SALIVARY GLANDS	0.00	0.00	0.05	0.01	0.05
143	GUM	0.00	0.00	0.09	0.07	0.11
144	FLOOR OF MOUTH	0.00	0.00	0.01	0.01	0.01
145	OTHER MOUTH	0.00	0.00	0.60	0.44	0.74
146	OROPHARYNX	0.00	0.00	0.17	0.11	0.23
147	NASOPHARYNX	0.00	0.02	0.02	0.04	0.04
148	HYPOPHARYNX	0.00	0.00	0.70	0.43	0.80
149	PHARYNX ETC	0.00	0.00	0.06	0.07	0.07
150	OESOPHAGUS	0.00	0.01	0.97	0.68	1.24
151	STOMACH	0.00	0.03	1.57	1.14	2.06
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.01	0.17	0.14	0.26
154	RECTUM	0.00	0.01	0.40	0.21	0.46
155	LIVER	0.00	0.00	0.16	0.16	0.16
156	GALL BLADDER	0.00	0.00	0.04	0.04	0.04
157	PANCREAS	0.00	0.01	0.14	0.12	0.17
158	RETROPERITONEUM	0.00	0.00	0.01	0.01	0.01
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.04	0.04	0.09
161	LARYNX	0.00	0.00	0.51	0.31	0.64
162	LUNG	0.00	0.01	1.15	0.80	1.34
163	PLEURA	0.00	0.00	0.02	0.02	0.02
164	THYMUS	0.00	0.00	0.01	0.01	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.02	0.03	0.06	0.06
171	CONNECTIVE TISS	0.00	0.02	0.06	0.06	0.11
172	SKIN MELANOMA	0.00	0.00	0.02	0.02	0.02
173	SKIN OTHER	0.00	0.01	0.15	0.14	0.29
175	BREAST MALE	0.00	0.00	0.04	0.02	0.04
185	PROSTATE	0.00	0.00	0.25	0.11	0.44
186	TESTIS	0.00	0.02	0.06	0.08	0.13
187	PENIS ETC	0.00	0.00	0.27	0.19	0.33
188	URI BLADDER	0.00	0.01	0.34	0.24	0.53
189	KIDNEY	0.00	0.00	0.10	0.08	0.10
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.01	0.04	0.08	0.13	0.13
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.00	0.09	0.07	0.11
194	OTH ENDO GLANDS	0.01	0.00	0.00	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.08	0.04	0.08
196	SEC LYMPH NODES	0.00	0.01	0.18	0.09	0.22
197	SEC RES ETC	0.00	0.00	0.29	0.25	0.35
198	SEC OTHER	0.00	0.00	0.07	0.04	0.08
199	PRIM UNK	0.00	0.01	0.33	0.15	0.36
200	LYMPHOSARCOMA	0.00	0.01	0.04	0.05	0.05
201	HODGKINS DIS	0.02	0.03	0.09	0.12	0.16
202	OTH LYMPHOMA	0.01	0.03	0.23	0.25	0.30
203	MULT MYELOMA	0.00	0.00	0.08	0.02	0.08
204	LEUK LYMPHATIC	0.05	0.01	0.02	0.06	0.11
205	LEUK MYELOID	0.01	0.02	0.09	0.10	0.15
206	LEUK MONOCYTIC	0.00	0.00	0.02	0.02	0.02
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.01	0.01	0.02	0.02
ALL SITES		0.14	0.35	10.02	7.48	12.32

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Females

Year : 1989

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.02	0.02	0.05
141	TONGUE	0.00	0.00	0.21	0.13	0.26
142	SALIVARY GLANDS	0.00	0.01	0.01	0.02	0.02
143	GUM	0.00	0.01	0.15	0.11	0.18
144	FLOOR OF MOUTH	0.00	0.00	0.02	0.02	0.02
145	OTHER MOUTH	0.00	0.02	0.59	0.44	0.74
146	OROPHARYNX	0.00	0.00	0.05	0.05	0.05
147	NASOPHARYNX	0.00	0.00	0.03	0.03	0.03
148	HYPOPHARYNX	0.00	0.01	0.24	0.21	0.30
149	PHARYNX ETC	0.00	0.00	0.07	0.04	0.08
150	OESOPHAGUS	0.00	0.02	0.71	0.54	0.96
151	STOMACH	0.00	0.01	0.70	0.58	0.79
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.08	0.07	0.09
154	RECTUM	0.00	0.02	0.25	0.17	0.34
155	LIVER	0.00	0.00	0.05	0.05	0.08
156	GALL BLADDER	0.00	0.00	0.07	0.03	0.07
157	PANCREAS	0.00	0.00	0.05	0.05	0.08
158	RETROPERITONEUM	0.00	0.00	0.01	0.01	0.01
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.09	0.07	0.09
161	LARYNX	0.00	0.00	0.02	0.02	0.02
162	LUNG	0.00	0.00	0.17	0.15	0.17
163	PLEURA	0.00	0.00	0.00	0.00	0.00
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.01	0.04	0.06	0.06
171	CONNECTIVE TISS	0.01	0.03	0.02	0.05	0.05
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.03
173	SKIN OTHER	0.00	0.00	0.06	0.06	0.06
174	BREAST FEM	0.00	0.06	2.25	1.97	2.61
179	UTERINE UNS	0.00	0.00	0.04	0.04	0.04
180	CERVIX UTERI	0.00	0.12	4.07	3.61	4.67
181	PLACENTA	0.00	0.01	0.01	0.02	0.02
182	BODY UTERUS	0.00	0.00	0.14	0.12	0.19
183	OVARY	0.01	0.03	0.52	0.50	0.66
184	VAGINA	0.00	0.00	0.18	0.15	0.26
188	URI BLADDER	0.00	0.00	0.12	0.03	0.15
189	KIDNEY	0.00	0.00	0.05	0.04	0.08
190	EYE	0.01	0.00	0.04	0.05	0.05
191	BRAIN	0.01	0.00	0.06	0.07	0.07
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.01	0.08	0.09	0.12
194	OTH ENDO GLANDS	0.00	0.01	0.00	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.03	0.04	0.04
196	SEC LYMPH NODES	0.00	0.00	0.02	0.03	0.08
197	SEC RES ETC	0.00	0.02	0.20	0.18	0.25
198	SEC OTHER	0.00	0.00	0.05	0.05	0.08
199	PRIM UNK	0.00	0.02	0.35	0.27	0.44
200	LYMPHOSARCOMA	0.00	0.00	0.03	0.02	0.03
201	HODGKINS DIS	0.01	0.01	0.04	0.05	0.05
202	OTH LYMPHOMA	0.01	0.02	0.08	0.11	0.14
203	MULT MYELOMA	0.00	0.00	0.01	0.01	0.01
204	LEUK LYMPHATIC	0.02	0.01	0.00	0.03	0.03
205	LEUK MYELOID	0.01	0.01	0.06	0.08	0.08
206	LEUK MONOCYTIC	0.00	0.00	0.02	0.01	0.03
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.01	0.01	0.01	0.01
ALL SITES		0.09	0.47	11.59	10.10	13.39

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Males

Year : 1989

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	5	71.43	0	0.00	2	28.57	0	0.00	0	0.00	7	100.00
141	TONGUE	47	68.12	0	0.00	19	27.54	2	2.90	1	1.45	69	100.00
142	SALIVARY GLANDS	2	40.00	1	20.00	2	40.00	0	0.00	0	0.00	5	100.00
143	GUM	8	72.73	0	0.00	3	27.27	0	0.00	0	0.00	11	100.00
144	FLOOR OF MOUTH	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
145	OTHER MOUTH	49	62.82	0	0.00	28	35.90	1	1.28	0	0.00	78	100.00
146	OROPHARYNX	16	69.57	0	0.00	4	17.39	2	8.70	1	4.35	23	100.00
147	NASOPHARYNX	10	83.33	0	0.00	2	16.67	0	0.00	0	0.00	12	100.00
148	HYPOPHARYNX	55	72.37	1	1.32	7	9.21	12	15.79	1	1.32	76	100.00
149	PHARYNX ETC	11	78.57	0	0.00	2	14.29	0	0.00	1	7.14	14	100.00
150	OESOPHAGUS	95	77.24	3	2.44	6	4.88	17	13.82	2	1.63	123	100.00
151	STOMACH	137	68.16	5	2.49	13	6.47	37	18.41	9	4.48	201	100.00
152	SMALL INTESTINE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
153	COLON	20	74.07	2	7.41	3	11.11	2	7.41	0	0.00	27	100.00
154	RECTUM	42	82.35	0	0.00	7	13.73	1	1.96	1	1.96	51	100.00
155	LIVER	17	73.91	2	8.70	1	4.35	1	4.35	2	8.70	23	100.00
156	GALL BLADDER	4	80.00	1	20.00	0	0.00	0	0.00	0	0.00	5	100.00
157	PANCREAS	7	36.84	7	36.84	2	10.53	3	15.79	0	0.00	19	100.00
158	RETROPERITONEUM	1	50.00	1	50.00	0	0.00	0	0.00	0	0.00	2	100.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	6	66.67	1	11.11	1	11.11	0	0.00	1	11.11	9	100.00
161	LARYNX	50	79.37	1	1.59	5	7.94	6	9.52	1	1.59	63	100.00
162	LUNG	94	70.15	19	14.18	8	5.97	5	3.73	8	5.97	134	100.00
163	PLEURA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
164	THYMUS	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	16	88.89	0	0.00	2	11.11	0	0.00	0	0.00	18	100.00
171	CONNECTIVE TISS	18	100.00	0	0.00	0	0.00	0	0.00	0	0.00	18	100.00
172	SKIN MELANOMA	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
173	SKIN OTHER	27	93.10	0	0.00	2	6.90	0	0.00	0	0.00	29	100.00
175	BREAST MALE	5	71.43	0	0.00	1	14.29	0	0.00	1	14.29	7	100.00
185	PROSTATE	16	45.71	5	14.29	10	28.57	2	5.71	2	5.71	35	100.00
186	TESTIS	12	63.16	0	0.00	7	36.84	0	0.00	0	0.00	19	100.00
187	PENIS ETC	29	85.29	0	0.00	5	14.71	0	0.00	0	0.00	34	100.00
188	URI BLADDER	36	81.82	2	4.55	5	11.36	1	2.27	0	0.00	44	100.00
189	KIDNEY	9	75.00	1	8.33	2	16.67	0	0.00	0	0.00	12	100.00
190	EYE	4	80.00	0	0.00	0	0.00	1	20.00	0	0.00	5	100.00
191	BRAIN	31	91.18	2	5.88	0	0.00	0	0.00	1	2.94	34	100.00
192	NERVOUS SYSTEM	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
193	THYROID GLAND	9	75.00	2	16.67	1	8.33	0	0.00	0	0.00	12	100.00
194	OTH ENDO GLANDS	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
195	ILL DEF SITES	4	44.44	2	22.22	0	0.00	1	11.11	2	22.22	9	100.00
196	SEC LYMPH NODES	18	78.26	1	4.35	4	17.39	0	0.00	0	0.00	23	100.00
197	SEC RES ETC	14	33.33	19	45.24	5	11.90	2	4.76	2	4.76	42	100.00
198	SEC OTHER	7	70.00	2	20.00	1	10.00	0	0.00	0	0.00	10	100.00
199	PRIM UNK	1	2.63	0	0.00	0	0.00	0	0.00	37	97.37	38	100.00
200	LYMPHOSARCOMA	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
201	HODGKINS DIS	30	96.77	0	0.00	0	0.00	0	0.00	1	3.23	31	100.00
202	OTH LYMPHOMA	50	100.00	0	0.00	0	0.00	0	0.00	0	0.00	50	100.00
203	MULT MYELOMA	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
204	LEUK LYMPHATIC	26	100.00	0	0.00	0	0.00	0	0.00	0	0.00	26	100.00
205	LEUK MYELOID	22	91.67	0	0.00	1	4.17	0	0.00	1	4.17	24	100.00
206	LEUK MONOCYTIC	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	3	60.00	0	0.00	0	0.00	0	0.00	2	40.00	5	100.00
ALL SITES TOTALS		1094		80		162		96		77		1509	
%		72.50		5.30		10.74		6.36		5.10		100.00	

POPULATION-BASED CANCER REGISTRY MADRAS

Sex : Females

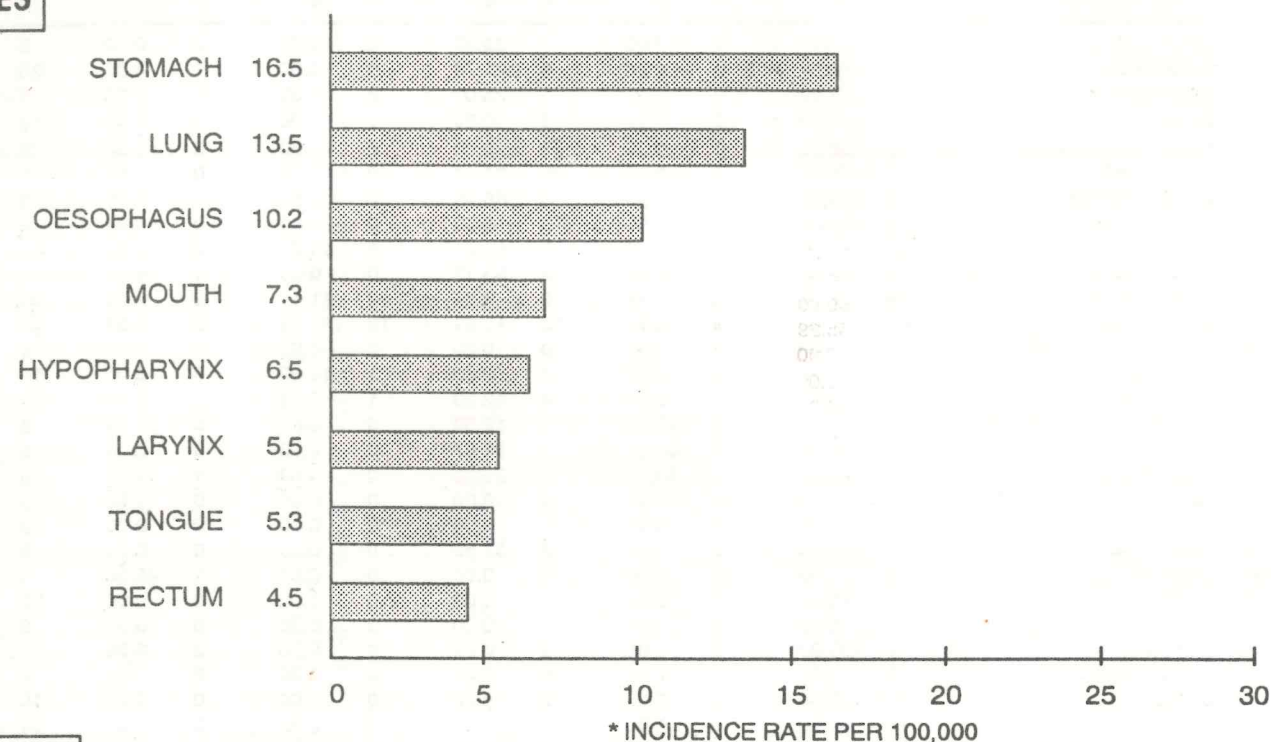
Year : 1989

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

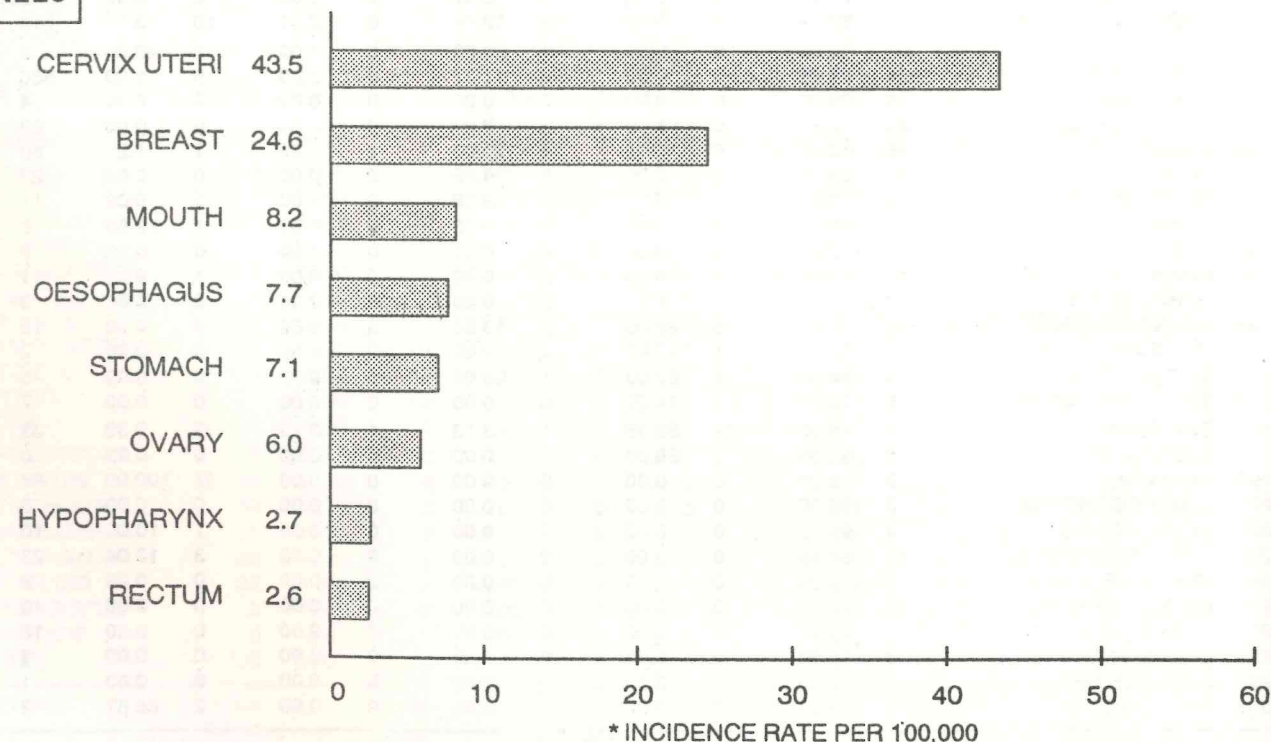
ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
141	TONGUE	17	73.91	0	0.00	5	21.74	0	0.00	1	4.35	23	100.00
142	SALIVARY GLANDS	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
143	GUM	9	50.00	0	0.00	9	50.00	0	0.00	0	0.00	18	100.00
144	FLOOR OF MOUTH	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
145	OTHER MOUTH	57	74.03	0	0.00	20	25.97	0	0.00	0	0.00	77	100.00
146	OROPHARYNX	2	40.00	0	0.00	3	60.00	0	0.00	0	0.00	5	100.00
147	NASOPHARYNX	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
148	HYPOPHARYNX	24	70.59	0	0.00	5	14.71	5	14.71	0	0.00	34	100.00
149	PHARYNX ETC	3	50.00	0	0.00	2	33.33	0	0.00	1	16.67	6	100.00
150	OESOPHAGUS	72	80.00	4	4.44	2	2.22	10	11.11	2	2.22	90	100.00
151	STOMACH	47	55.29	5	5.88	13	15.29	18	21.18	2	2.35	85	100.00
152	SMALL INTESTINE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
153	COLON	9	90.00	0	0.00	0	0.00	1	10.00	0	0.00	10	100.00
154	RECTUM	26	83.87	0	0.00	4	12.90	1	3.23	0	0.00	31	100.00
155	LIVER	5	62.50	2	25.00	1	12.50	0	0.00	0	0.00	8	100.00
156	GALL BLADDER	3	50.00	2	33.33	1	16.67	0	0.00	0	0.00	6	100.00
157	PANCREAS	2	22.22	3	33.33	3	33.33	0	0.00	1	11.11	9	100.00
158	RETROPERITONEUM	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	5	62.50	0	0.00	3	37.50	0	0.00	0	0.00	8	100.00
161	LARYNX	3	75.00	0	0.00	0	0.00	0	0.00	1	25.00	4	100.00
162	LUNG	14	70.00	5	25.00	1	5.00	0	0.00	0	0.00	20	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
171	CONNECTIVE TISS	13	92.86	0	0.00	1	7.14	0	0.00	0	0.00	14	100.00
172	SKIN MELANOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
173	SKIN OTHER	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
174	BREAST FEM	261	83.39	3	0.96	39	12.46	0	0.00	10	3.19	313	100.00
179	UTERINE UNS	2	40.00	0	0.00	1	20.00	0	0.00	2	40.00	5	100.00
180	CERVIX UTERI	484	87.05	0	0.00	66	11.87	0	0.00	6	1.08	556	100.00
181	PLACENTA	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
182	BODY UTERUS	20	90.91	0	0.00	2	9.09	0	0.00	0	0.00	22	100.00
183	OVARY	56	70.00	6	7.50	16	20.00	1	1.25	1	1.25	80	100.00
184	VAGINA	15	65.22	0	0.00	8	34.78	0	0.00	0	0.00	23	100.00
188	URI BLADDER	8	72.73	1	9.09	1	9.09	0	0.00	1	9.09	11	100.00
189	KIDNEY	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
190	EYE	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
191	BRAIN	10	90.91	0	0.00	0	0.00	0	0.00	1	9.09	11	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	10	66.67	3	20.00	2	13.33	0	0.00	0	0.00	15	100.00
194	OTH ENDO GLANDS	1	50.00	1	50.00	0	0.00	0	0.00	0	0.00	2	100.00
195	ILL DEF SITES	3	60.00	1	20.00	1	20.00	0	0.00	0	0.00	5	100.00
196	SEC LYMPH NODES	6	85.71	1	14.29	0	0.00	0	0.00	0	0.00	7	100.00
197	SEC RES ETC	8	25.00	19	59.38	1	3.13	1	3.13	3	9.38	32	100.00
198	SEC OTHER	3	50.00	3	50.00	0	0.00	0	0.00	0	0.00	6	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	47	100.00	47	100.00
200	LYMPHOSARCOMA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
201	HODGKINS DIS	9	90.00	0	0.00	0	0.00	0	0.00	1	10.00	10	100.00
202	OTH LYMPHOMA	20	86.96	0	0.00	0	0.00	0	0.00	3	13.04	23	100.00
203	MULT MYELOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
204	LEUK LYMPHATIC	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
205	LEUK MYELOID	15	100.00	0	0.00	0	0.00	0	0.00	0	0.00	15	100.00
206	LEUK MONOCYTIC	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
207	LEUK OTH SPE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
208	LEUK UNS	1	33.33	0	0.00	0	0.00	0	0.00	2	66.67	3	100.00
ALL SITES TOTALS		1318		59		212		37		86		1712	
%		76.99		3.45		12.38		2.16		5.02		100.00	

MADRAS - 1989 MOST COMMON FORMS OF CANCERS

MALES



FEMALES



* AGE-ADJUSTED (WORLD POPULATION)

DELHI

The population-based cancer registry of Delhi urban agglomeration was established in January, 1986 at Institute Rotary Cancer Hospital (All India Institute of Medical Sciences) by the Indian Council of Medical Research with full financial support. The regular compilation of data could begin from January 1, 1988.

The union territory of Delhi, Capital of India, covering an area of 1483 square kilometers, is situated between the himalayas and the aravalli hills in the heart of the Indian sub-continent. Delhi lies between 28° 25' and 28° 53'N latitude and 76° 50' and 73° 22'E longitude. For administrative purposes, the Delhi consists of (i) Delhi municipal corporation, (ii) New Delhi municipal committee, (iii) Delhi cantonment and (iv) Rural areas. The total population of Delhi is 9.37 millions (males : 5.12 millions, females : 4.25 millions) (1991 census).

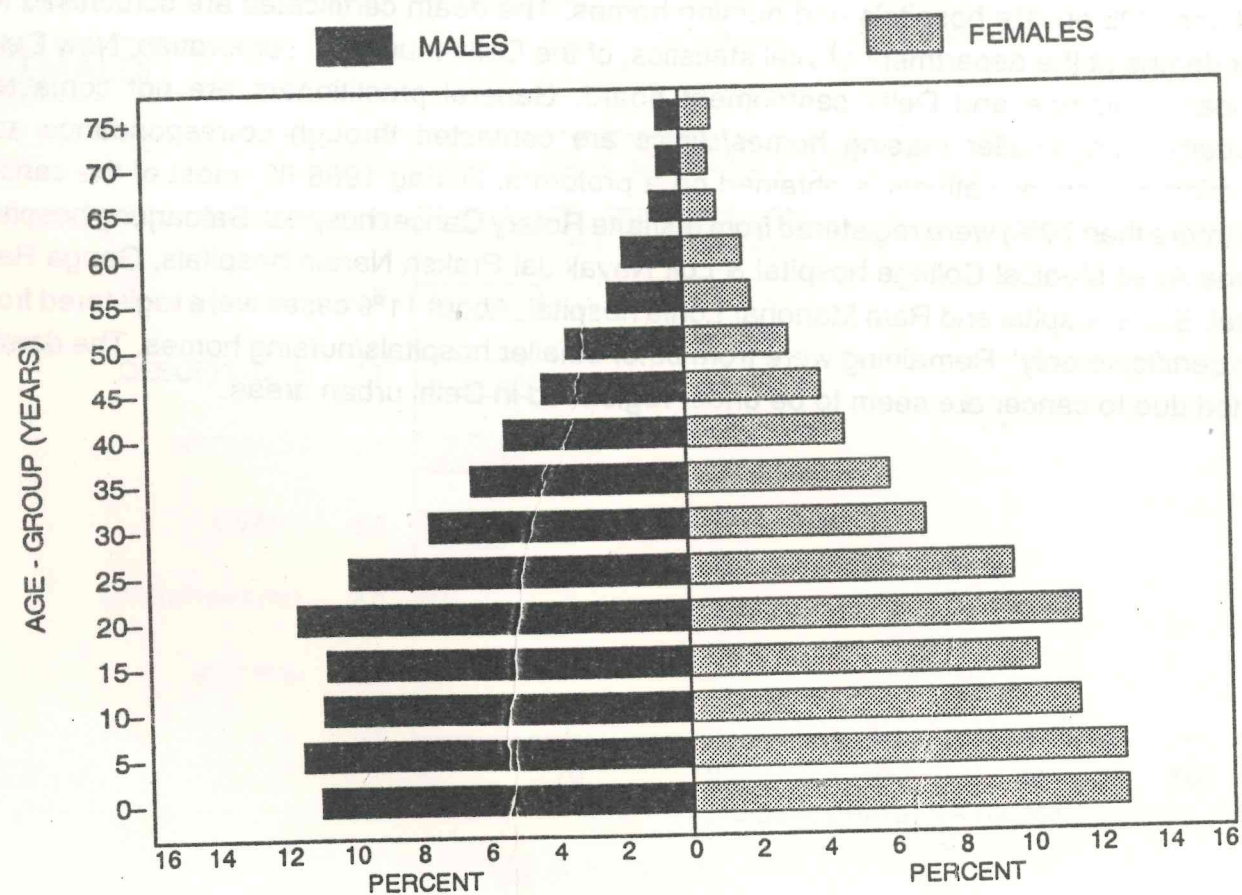
The Delhi PBCR covers an urban area of 540.78 square kilometers of Delhi municipal corporation, New Delhi municipal committee and Delhi cantonment and 29 census towns, as per 1991 census.

Estimated population of Delhi urban agglomeration area, as on July 1 1989, is 7.86 millions (males : 4.30 millions, females : 3.56 millions).

The data are collected by the social investigators from 25 major government hospitals and institutions, 205 private hospitals and nursing homes. The death certificates are scrutinised for cancer deaths at the department of vital statistics, of the Delhi municipal corporation, New Delhi municipal committee and Delhi cantonment board. General practitioners are not contacted individually. The smaller nursing homes/clinics are contacted through correspondance and information on cancer patients is obtained on a proforma. During 1988-89, most of the cancer cases (more than 70%) were registered from Institute Rotary Cancer hospital, Safdarjung hospital, Maulana Azad Medical College hospital & Lok Nayak Jai Praksh Narain hospitals, Ganga Ram hospital, Batra hospital and Ram Manohar Lohia hospital. About 11% cases were registered from 'death certificate only'. Remaining were from other smaller hospitals/nursing homes. The deaths in period due to cancer are seem to be under registered in Delhi urban areas.

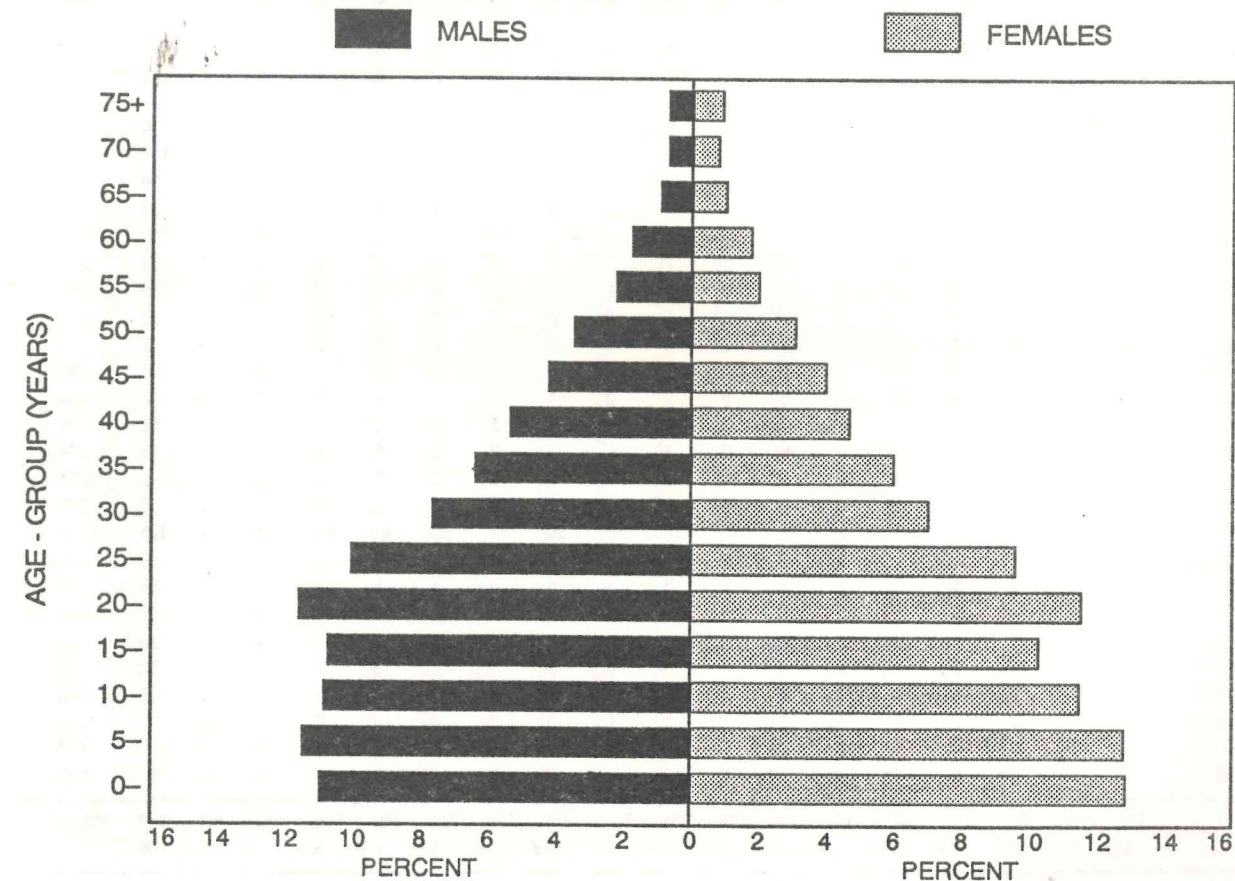
ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1988 IN DELHI
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	456910.0	11.02	440212.0	12.87	897122.0	11.85
5-9	478887.0	11.55	438313.0	12.81	917200.0	12.12
10-14	451698.0	10.89	392959.0	11.49	844657.0	11.16
15-19	446943.0	10.78	350992.0	10.26	797935.0	10.54
20-24	482636.0	11.64	394116.0	11.52	876752.0	11.58
25-29	418726.0	10.10	329233.0	9.62	747959.0	9.88
30-34	321131.0	7.74	241106.0	7.05	562237.0	7.43
35-39	267349.0	6.45	204638.0	5.98	471987.0	6.24
40-44	224196.0	5.41	160947.0	4.70	385143.0	5.09
45-49	178464.0	4.30	138019.0	4.03	316483.0	4.18
50-54	147446.0	3.55	105720.0	3.09	253166.0	3.34
55-59	93664.0	2.26	68724.0	2.01	162388.0	2.15
60-64	76419.0	1.84	60774.0	1.78	137193.0	1.81
65-69	40453.0	0.98	35973.0	1.05	76426.0	1.01
70-74	32117.0	0.77	28348.0	0.83	60465.0	0.80
75+	30596.0	0.74	30874.0	0.90	61470.0	0.81
TOTAL	4147635.0	100.00	3420948.0	100.00	7568583.0	100.00



ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1989 IN DELHI
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	473998.0	11.02	457947.0	12.87	931945.0	11.85
5-9	496796.0	11.55	455971.0	12.81	952767.0	12.12
10-14	468591.0	10.89	408790.0	11.49	877381.0	11.16
15-19	463657.0	10.78	365132.0	10.26	828789.0	10.54
20-24	500686.0	11.64	409994.0	11.52	910680.0	11.58
25-29	434385.0	10.10	342497.0	9.62	776882.0	9.88
30-34	333141.0	7.74	250819.0	7.05	583960.0	7.43
35-39	277347.0	6.45	212883.0	5.98	490230.0	6.24
40-44	232581.0	5.41	167431.0	4.70	400012.0	5.09
45-49	185139.0	4.30	143580.0	4.03	328719.0	4.18
50-54	152960.0	3.55	109979.0	3.09	262939.0	3.34
55-59	97167.0	2.26	71492.0	2.01	168659.0	2.15
60-64	79277.0	1.84	63222.0	1.78	142499.0	1.81
65-69	41966.0	0.98	37422.0	1.05	79388.0	1.01
70-74	33318.0	0.77	29490.0	0.83	62808.0	0.80
75+	31740.0	0.74	32118.0	0.90	63858.0	0.81
TOTAL	4302749.0	100.00	3558767.0	100.00	7861516.0	100.00



POPULATION-BASED CANCER REGISTRY DELHI

Sex : Males

Year : 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	3	1	1	2	0	6	0	0	0	1	14	0.48
141 TONGUE	1	0	0	1	0	2	2	6	9	20	23	15	26	7	4	5	1	122	4.14
142 SALIVARY G	0	0	1	1	0	1	1	0	3	0	3	2	1	1	0	1	0	15	0.51
143 GUM	0	0	0	1	1	0	1	1	4	3	5	3	3	0	6	1	0	29	0.98
144 FLOOR OF M	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	3	0.10
145 OTHER MOUT	0	0	0	0	0	1	2	4	2	4	7	8	7	3	2	4	0	44	1.49
146 OROPHARYNX	0	0	0	0	0	0	1	2	7	14	13	8	12	6	2	0	1	66	2.24
147 NASOPHARYN	0	0	0	2	2	0	0	2	0	0	2	1	4	0	0	1	0	14	0.48
148 HYPOPHARYN	1	0	0	0	0	0	1	3	5	9	8	11	12	7	6	3	1	67	2.27
149 PHARYNX ET	0	0	0	0	0	0	0	0	1	0	1	5	3	2	1	0	1	14	0.48
150 OESOPHAGUS	0	0	0	2	1	2	3	9	9	10	20	15	29	13	9	7	0	129	4.38
151 STOMACH	0	0	0	1	1	2	3	2	12	8	7	13	16	7	6	5	2	85	2.88
152 SMALL INTE	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	1	1	6	0.20
153 COLON	0	0	0	0	0	0	5	7	2	5	4	5	5	7	4	5	2	51	1.73
154 RECTUM	0	0	0	0	1	4	3	5	9	5	9	10	6	5	2	6	0	65	2.21
155 LIVER	4	0	0	0	1	2	0	3	5	8	8	5	11	5	5	0	0	57	1.93
156 GALL BLADD	0	0	0	0	1	1	0	2	1	5	4	11	2	7	5	0	1	40	1.36
157 PANCREAS	1	0	0	0	0	3	3	2	1	4	5	2	5	8	1	1	0	36	1.22
158 RETROPERIT	0	0	0	0	0	0	0	1	1	1	0	0	2	0	0	0	0	5	0.17
159 OTHER DIS	0	0	0	0	0	1	2	1	0	0	0	0	1	0	1	0	1	7	0.24
160 NASAL CAVI	3	2	0	0	1	0	0	0	0	3	1	2	0	1	0	0	0	13	0.44
161 LARYNX	0	0	0	0	6	3	0	13	19	17	36	21	35	18	11	4	4	187	6.35
162 LUNG	0	1	0	3	1	3	5	6	12	28	43	35	41	29	30	6	3	246	8.35
163 PLEURA	0	0	0	0	1	0	0	1	0	1	2	1	1	1	0	0	1	9	0.31
164 THYMUS	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	3	0.10
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	2	6	11	8	7	7	5	1	6	3	5	4	3	2	1	0	1	72	2.44
171 CONNECTIVE	9	2	2	3	3	12	4	2	5	4	3	5	4	4	5	3	1	71	2.41
172 SKIN MELAN	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	4	0.14
173 SKIN OTHER	0	0	2	0	3	0	1	1	1	3	5	2	5	1	0	2	1	27	0.92
175 BREAST MAL	0	0	0	0	1	0	0	1	0	1	0	2	1	0	1	0	1	9	0.31
185 PROSTATE	0	0	0	0	0	0	1	1	0	1	11	10	10	28	21	31	3	117	3.97
186 TESTIS	0	0	0	3	7	7	3	4	4	3	1	1	1	0	0	0	2	36	1.22
187 PENIS ETC	0	0	0	0	1	1	4	1	4	8	6	1	3	1	2	4	0	36	1.22
188 URI BLADDE	1	0	0	0	0	4	0	1	4	13	12	9	19	13	12	21	1	110	3.73
189 KIDNEY	10	4	1	0	2	2	0	2	7	1	9	9	5	6	2	1	3	64	2.17
190 EYE	6	5	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	15	0.51
191 BRAIN	8	9	5	8	8	10	2	15	6	12	9	7	11	6	3	3	1	123	4.17
192 NERVOUS SY	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0.07
193 THYROID GL	0	1	0	0	3	0	5	2	2	3	5	2	0	2	1	2	0	28	0.95
194 OTH ENDO G	2	3	1	1	0	1	0	0	0	1	0	1	0	0	0	0	0	10	0.34
195 ILL DEF SI	1	0	2	0	0	1	2	1	5	5	7	8	10	2	2	2	4	52	1.76
196 SEC LYMPH	0	0	0	0	0	0	0	0	1	0	2	2	0	5	0	0	0	10	0.34
197 SEC RES ET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.07
198 SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199 PRIM UNK	4	2	3	1	6	2	12	10	27	32	50	47	33	42	22	26	6	325	11.03
200 LYMPHOSARC	2	1	0	1	1	0	0	0	1	1	1	1	0	0	0	0	1	9	0.31
201 HODGKINS D	1	9	9	5	3	6	8	7	5	5	5	3	3	1	0	1	1	72	2.44
202 OTH LYMPHO	5	4	3	8	7	11	9	5	8	4	19	15	14	5	11	5	2	135	4.58
203 MULT MYELO	0	0	1	0	0	0	0	1	1	0	5	4	2	4	2	4	2	26	0.88
204 LEUK LYMPH	15	16	11	7	11	4	6	1	3	3	2	1	7	3	1	7	4	102	3.46
205 LEUK MYELO	0	7	9	11	11	14	9	3	6	5	9	8	0	3	3	3	6	107	3.63
206 LEUK MONOC	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
207 LEUK OTH S	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
208 LEUK UNS	7	6	6	5	1	3	3	2	3	1	2	3	4	2	1	3	2	54	1.83
TOTAL	84	79	68	72	93	111	106	136	204	257	376	318	364	260	185	170	64	2947	100.00
%	2.9	2.7	2.3	2.4	3.2	3.8	3.6	4.6	6.9	8.7	12.8	10.8	12.4	8.8	6.3	5.8	2.2	100.0	

POPULATION-BASED CANCER REGISTRY DELHI

Sex : Females

Year : 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	1	0	0	0	0	1	2	2	0	0	0	6	0.21
141 TONGUE	1	0	0	0	0	3	2	4	1	7	7	8	10	2	1	8	0	54	1.86
142 SALIVARY G	0	0	0	0	0	0	0	1	4	2	1	1	0	2	1	1	0	13	0.45
143 GUM	0	0	0	0	0	2	0	0	0	5	6	2	5	2	2	1	1	26	0.89
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.03
145 OTHER MOUT	0	0	0	0	0	0	1	0	2	2	1	4	2	2	2	1	0	17	0.58
146 OROPHARYNX	0	0	0	0	0	0	0	0	2	1	1	0	2	0	1	0	0	7	0.24
147 NASOPHARYN	0	0	0	0	0	1	1	0	1	0	1	0	1	1	1	1	0	8	0.28
148 HYPOPHARYN	0	0	0	0	1	0	1	2	1	2	0	4	1	1	1	1	0	15	0.52
149 PHARYNX ET	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	3	0.10
150 OESOPHAGUS	1	0	0	2	1	0	2	4	8	9	19	7	13	8	3	8	0	85	2.92
151 STOMACH	0	0	0	0	0	2	1	5	7	7	8	4	9	7	1	3	1	55	1.89
152 SMALL INTE	0	0	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	4	0.14
153 COLON	0	0	0	1	3	5	3	4	3	1	2	0	4	5	2	2	0	35	1.20
154 RECTUM	0	0	0	1	2	1	2	5	3	1	7	3	3	1	1	1	1	32	1.10
155 LIVER	1	0	0	0	0	1	2	5	3	5	6	4	3	4	3	5	0	42	1.44
156 GALL BLADD	0	0	0	0	1	0	3	4	9	8	11	12	17	5	8	4	1	83	2.86
157 PANCREAS	0	0	0	0	0	3	2	0	2	2	1	1	4	2	1	0	0	18	0.62
158 RETROPERIT	0	0	1	0	1	0	0	1	1	1	4	1	0	2	0	3	0	15	0.52
159 OTHER DIS	0	1	0	0	0	1	0	1	1	0	0	0	0	1	1	1	0	7	0.24
160 NASAL CAVI	0	0	0	0	0	0	0	0	3	1	0	0	1	1	2	0	0	8	0.28
161 LARYNX	0	0	0	0	0	0	0	0	3	2	5	4	4	1	0	1	1	21	0.72
162 LUNG	0	0	0	0	1	1	3	2	5	10	7	8	7	3	2	5	1	55	1.89
163 PLEURA	0	0	0	0	0	1	0	0	1	0	0	2	1	0	0	0	0	5	0.17
164 THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	0	6	6	7	3	1	2	3	3	0	1	0	0	0	0	0	32	1.10
171 CONNECTIVE	7	2	1	0	1	2	7	1	3	2	7	2	2	0	1	0	0	38	1.31
172 SKIN MELAN	0	0	0	0	0	1	0	0	1	0	3	0	1	0	0	1	0	7	0.24
173 SKIN OTHER	0	0	0	1	2	1	2	1	0	3	0	4	5	2	3	3	0	27	0.93
174 BREAST FEM	0	0	0	2	4	26	47	68	91	97	67	57	61	35	7	12	9	583	20.06
179 UTERINE UN	0	0	1	0	2	1	4	0	0	2	3	6	3	0	2	0	0	24	0.83
180 CERVIX UTE	0	4	1	2	6	19	34	63	98	68	118	60	61	28	22	3	9	596	20.50
181 PLACENTA	0	0	0	0	3	6	1	0	1	0	0	0	0	0	0	1	0	12	0.41
182 BODY UTERU	1	0	0	0	1	2	3	4	4	5	8	8	8	6	1	2	0	53	1.82
183 OVARY	3	1	3	7	8	7	12	11	11	16	29	26	19	4	5	8	3	173	5.95
184 VAGINA	0	0	0	0	0	1	0	2	6	6	1	1	5	3	0	2	0	27	0.93
188 URI BLADDE	0	0	0	0	1	0	1	0	4	0	6	4	3	2	4	2	1	28	0.96
189 KIDNEY	9	0	2	0	0	1	3	4	6	3	4	3	1	1	2	0	1	40	1.38
190 EYE	4	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	8	0.28
191 BRAIN	2	6	4	6	5	6	3	6	4	3	4	1	2	3	1	1	2	59	2.03
192 NERVOUSSY	0	1	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.14
193 THYROID GL	0	0	1	1	2	4	6	6	7	2	4	5	4	1	1	0	1	45	1.55
194 OTH ENDO G	2	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	5	0.17
195 ILL DEF SI	1	0	0	0	1	1	1	1	3	3	3	3	2	1	1	2	0	23	0.79
196 SEC LYMPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
197 SEC RES ET	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.03
198 SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199 PRIM UNK	3	1	1	1	3	11	7	15	24	39	39	26	42	27	14	17	3	273	9.39
200 LYMPHOSARC	0	0	0	1	0	0	0	0	0	1	1	2	0	0	0	0	1	6	0.21
201 HODGKINS D	0	3	1	1	3	6	1	2	2	1	2	0	1	0	1	1	2	27	0.93
202 OTH LYMPHO	0	2	1	3	8	5	6	4	4	2	7	3	4	2	2	2	0	55	1.89
203 MULT MYELO	0	0	0	0	0	0	0	0	2	4	2	2	2	3	2	3	0	20	0.69
204 LEUK LYMPH	7	11	2	4	2	1	3	0	4	1	2	3	1	3	0	1	0	45	1.55
205 LEUK MYELO	1	3	2	2	8	8	4	10	5	6	5	2	1	2	1	0	0	60	2.06
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH S	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0.07
208 LEUK UNS	4	1	2	2	1	2	0	2	2	2	0	0	0	1	0	0	0	19	0.65
TOTAL	47	37	33	45	79	135	171	242	347	336	404	286	320	176	103	107	39	2907	100.00
%	1.6	1.3	1.1	1.5	2.7	4.6	5.9	8.3	11.9	11.6	13.9	9.8	11.0	6.1	3.5	3.7	1.3	100.0	

POPULATION-BASED CANCER REGISTRY DELHI
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.4	0.6	1.4	0.0	7.9	0.0	0.0	0.0	0.3	0.5	1.6
141 TONGUE	0.2	0.0	0.0	0.2	0.0	0.5	0.6	2.2	4.0	11.2	15.6	16.0	34.0	17.3	12.5	16.3	2.9	5.0	12.4
142 SALIVARY	0.0	0.0	0.2	0.2	0.0	0.2	0.3	0.0	1.3	0.0	2.0	2.1	1.3	2.5	0.0	3.3	0.4	0.5	1.0
143 GUM	0.0	0.0	0.0	0.2	0.2	0.0	0.3	0.4	1.8	1.7	3.4	3.2	3.9	0.0	18.7	3.3	0.7	1.2	2.2
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.0	0.0	1.3	0.0	0.0	0.0	0.1	0.1	0.4
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.5	0.9	2.2	4.7	8.5	9.2	7.4	6.2	13.1	1.1	1.9	3.9
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	3.1	7.8	8.8	8.5	15.7	14.8	6.2	0.0	1.6	2.7	6.8
147 NASOPHAR	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.7	0.0	0.0	1.4	1.1	5.2	0.0	0.0	3.3	0.3	0.5	1.2
148 HYPOPHAR	0.2	0.0	0.0	0.0	0.0	0.0	0.3	1.1	2.2	5.0	5.4	11.7	15.7	17.3	18.7	9.8	1.6	3.0	6.0
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.7	5.3	3.9	4.9	3.1	0.0	0.3	0.6	1.4	1.4
150 OESOPHAG	0.0	0.0	0.0	0.4	0.2	0.5	0.9	3.4	4.0	5.6	13.6	16.0	37.9	32.1	28.0	22.9	3.1	5.7	11.7
151 STOMACH	0.0	0.0	0.0	0.2	0.2	0.5	0.9	0.7	5.4	4.5	4.7	13.9	20.9	17.3	18.7	16.3	2.0	3.6	7.3
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.4	0.0	0.0	1.1	0.0	0.0	0.0	3.3	0.1	0.2	0.3
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.6	0.9	2.8	2.7	5.3	6.5	17.3	12.5	16.3	1.2	2.2	3.2
154 RECTUM	0.0	0.0	0.0	0.0	0.2	1.0	0.9	1.9	4.0	2.8	6.1	10.7	7.9	12.4	6.2	19.6	1.6	2.6	5.1
155 LIVER	0.9	0.0	0.0	0.0	0.2	0.5	0.0	1.1	2.2	4.5	5.4	5.3	14.4	12.4	15.6	0.0	1.4	2.4	4.9
156 GALL BLA	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.7	0.4	2.8	2.7	11.7	2.6	17.3	15.6	0.0	1.0	1.8	3.1
157 PANCREAS	0.2	0.0	0.0	0.0	0.0	0.7	0.9	0.7	0.4	2.2	3.4	2.1	6.5	19.8	3.1	3.3	0.9	1.6	2.3
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.6	0.0	0.0	2.6	0.0	0.0	0.0	0.1	0.2	0.6
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.4	0.0	0.0	0.0	0.0	1.3	0.0	3.1	0.0	0.2	0.2	0.2
160 NASAL CA	0.7	0.4	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.7	0.7	2.1	0.0	2.5	0.0	0.0	0.3	0.4	0.7
161 LARYNX	0.0	0.0	0.0	0.0	1.2	0.7	0.0	4.9	8.5	9.5	24.4	22.4	45.8	44.5	34.2	13.1	4.5	7.8	17.2
162 LUNG	0.0	0.2	0.0	0.7	0.2	0.7	1.6	2.2	5.4	15.7	29.2	37.4	53.7	71.7	93.4	19.6	5.9	11.2	21.0
163 PLEURA	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.0	0.6	1.4	1.1	1.3	2.5	0.0	0.0	0.2	0.3	0.7
164 THYMUS	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.1
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.4	1.3	2.4	1.8	1.5	1.7	1.6	0.4	2.7	1.7	3.4	4.3	3.9	4.9	3.1	0.0	1.7	1.9	2.5
171 CONNECTI	2.0	0.4	0.4	0.7	0.6	2.9	1.2	0.7	2.2	2.2	2.0	5.3	5.2	9.9	15.6	9.8	1.7	2.4	2.7
172 SKIN MEL	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	3.1	3.3	0.1	0.2	0.1
173 SKIN OTH	0.0	0.0	0.4	0.0	0.6	0.0	0.3	0.4	0.4	1.7	3.4	2.1	6.5	2.5	0.0	6.5	0.7	1.0	2.2
175 BREAST M	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.4	0.4	0.0	1.4	1.1	0.0	2.5	0.0	3.3	0.2	0.3	0.5
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.6	7.5	10.7	13.1	69.2	65.4	101.3	2.8	6.8	4.5
186 TESTIS	0.0	0.0	0.0	0.7	1.5	1.7	0.9	1.5	1.8	1.7	0.7	1.1	1.3	0.0	0.0	0.0	0.9	0.8	1.4
187 PENIS ET	0.0	0.0	0.0	0.0	0.2	0.2	1.2	0.4	1.8	4.5	4.1	1.1	3.9	2.5	6.2	13.1	0.9	1.4	2.6
188 URI BLAD	0.2	0.0	0.0	0.0	0.0	1.0	0.0	0.4	1.8	7.3	8.1	9.6	24.9	32.1	37.4	68.6	2.7	5.5	7.6
189 KIDNEY	2.2	0.8	0.2	0.0	0.4	0.5	0.0	0.7	3.1	0.6	6.1	9.6	6.5	14.8	6.2	3.3	1.5	2.3	3.9
190 EYE	1.3	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.1	0.0	0.0	0.0	0.0	0.4	0.4	0.4
191 BRAIN	1.8	1.9	1.1	1.8	1.7	2.4	0.6	5.6	2.7	6.7	6.1	7.5	14.4	14.8	9.3	9.8	3.0	3.9	6.7
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
193 THYROID	0.0	0.2	0.0	0.0	0.6	0.0	1.6	0.7	0.9	1.7	3.4	2.1	0.0	4.9	3.1	0.0	0.2	0.3	0.3
194 OTH ENDO	0.4	0.6	0.2	0.2	0.0	0.2	0.0	0.0	0.0	0.7	0.0	1.3	0.0	0.0	0.0	0.0	0.2	0.3	0.3
195 ILL DEF	0.2	0.0	0.4	0.0	0.0	0.2	0.6	0.4	2.2	2.8	4.7	8.5	13.1	4.9	6.2	6.5	1.3	2.0	4.6
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.4	2.1	0.0	12.4	0.0	0.0	0.2	0.6	0.6
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.1	0.0
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199 PRIM UNK	0.9	0.4	0.7	0.2	1.2	0.5	3.7	3.7	12.0	17.9	33.9	50.2	43.2	103.8	68.5	85.0	7.8	14.2	24.0
200 LYMPHOSA	0.4	0.2	0.0	0.2	0.2	0.0	0.0	0.0	0.0	0.6	0.7	1.1	0.0	0.0	0.0	0.0	0.2	0.2	0.4
201 HODGKINS	0.2	1.9	2.0	1.1	0.6	1.4	2.5	2.6	2.2	2.8	3.4	3.2	3.9	2.5	0.0	3.3	1.7	1.9	2.9
202 OTH LYMP	1.1	0.8	0.7	1.8	1.5	2.6	2.8	1.9	3.6	2.2	12.9	16.0	18.3	12.4	34.2	16.3	3.3	4.8	8.0
203 MULT MYE	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.4	0.0	3.4	4.3	2.6	9.9	6.2	13.1	0.6	1.2	1.6
204 LEUK LYM	3.3	3.3	2.4	1.6	2.3	1.0	1.9	0.4	1.3	1.7	1.4	1.1	9.2	7.4	3.1	22.9	2.5	2.9	2.2
205 LEUK MYE	0.0	1.5	2.0	2.5	2.3	3.3	2.8	1.1	2.7	2.8	6.1	8.5	0.0	7.4	9.3	9.8	2.6	2.8	3.4
206 LEUK MON	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	1.5	1.3	1.3	1.1	0.2	0.7	0.9	0.7	1.3	0.6	1.4	3.2	5.2	4.9	3.1	9.8	1.3	1.6	1.8
TOTAL	18.4	16.5	15.1	16.1	19.3	26.5	33.0	50.9	91.0	144.0	255.0	339.5	476.3	642.7	576.0	555.6	71.1	116.8	201.7

POPULATION-BASED CANCER REGISTRY DELHI
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

PER 100,000 PERSONS																				
ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR	
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.5	3.3	5.6	0.0	0.0	0.2	0.4	0.6	
141 TONGUE	0.2	0.0	0.0	0.0	0.0	0.9	0.8	2.0	0.6	5.1	6.6	11.6	16.5	5.6	3.5	25.9	1.6	2.8	6.2	
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.5	1.4	0.9	1.5	0.0	5.6	3.5	3.2	0.4	0.7	1.2	
143 GUM	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	3.6	5.7	2.9	8.2	5.6	7.1	3.2	0.8	1.4	3.1	
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.1	0.2	
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	1.2	1.4	0.9	5.8	3.3	5.6	7.1	3.2	0.5	1.0	1.8	
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.7	0.9	0.0	3.3	0.0	3.5	0.0	0.2	0.4	1.0	
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.0	0.6	0.0	0.9	0.0	1.6	2.8	3.5	3.2	0.2	0.4	0.5	
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.3	0.0	0.4	1.0	0.6	1.4	0.0	5.8	1.6	2.8	3.5	3.2	0.4	0.7	1.6	
149 PHARYNX	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.1	0.1	0.3	
150 OESOPHAG	0.2	0.0	0.0	0.6	0.3	0.0	0.8	2.0	5.0	6.5	18.0	10.2	21.4	22.2	10.6	25.9	2.5	4.5	9.6	
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.6	0.4	2.4	4.3	5.1	7.6	5.8	14.8	19.5	3.5	9.7	1.6	2.8	6.2	
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.9	0.0	1.6	0.0	0.0	0.0	0.1	0.2	0.7	
153 COLON	0.0	0.0	0.0	0.3	0.8	1.5	1.2	2.0	1.9	0.7	1.9	0.0	6.6	13.9	7.1	6.5	1.0	1.6	2.0	
154 RECTUM	0.0	0.0	0.0	0.3	0.5	0.3	0.8	2.4	1.9	0.7	6.6	4.4	4.9	2.8	3.5	3.2	0.9	1.4	3.2	
155 LIVER	0.2	0.0	0.0	0.0	0.0	0.0	0.3	0.8	2.4	1.9	3.6	5.7	5.8	4.9	11.1	10.6	16.2	1.2	2.2	3.8
156 GALL BLA	0.0	0.0	0.0	0.0	0.3	0.0	1.2	2.0	5.6	5.8	10.4	17.5	28.0	13.9	28.2	13.0	2.4	4.5	10.1	
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.9	0.8	0.0	1.2	1.4	0.9	1.5	6.6	5.6	3.5	0.0	0.5	0.9	1.7	
158 RETROPER	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.5	0.6	0.7	3.8	1.5	0.0	5.6	0.0	9.7	0.4	0.8	1.2	
159 OTHER DI	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.5	0.6	0.0	0.0	0.0	0.0	2.8	3.5	3.2	0.2	0.3	0.2	
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.7	0.0	0.0	1.6	2.8	7.1	0.0	0.2	0.4	0.7	
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.4	4.7	5.8	6.6	2.8	0.0	3.2	0.6	1.1	3.0	
162 LUNG	0.0	0.0	0.0	0.0	0.3	0.3	1.2	1.0	3.1	7.2	6.6	11.6	11.5	8.3	7.1	16.2	1.6	2.8	6.2	
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.6	0.0	0.0	2.9	1.6	0.0	0.0	0.0	0.1	0.2	0.7	
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
170 BONE	0.0	0.0	1.5	1.7	1.8	0.9	0.4	1.0	1.9	2.2	0.0	1.5	0.0	0.0	0.0	0.0	0.9	0.9	1.2	
171 CONNECT	1.6	0.5	0.3	0.0	0.3	0.6	2.9	0.5	1.9	1.4	6.6	2.9	3.3	0.0	3.5	0.0	1.1	1.4	2.6	
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.6	0.0	2.8	0.0	1.6	0.0	0.0	3.2	0.2	0.3	0.8	
173 SKIN OTH	0.0	0.0	0.0	0.3	0.5	0.3	0.8	0.5	0.0	2.2	0.0	5.8	8.2	5.6	10.6	9.7	0.8	1.4	2.3	
174 BREAST F	0.0	0.0	0.0	0.6	1.0	7.9	19.5	33.2	56.5	70.3	63.4	82.9	100.4	97.3	24.7	38.9	17.0	26.2	64.9	
179 UTERINE	0.0	0.0	0.3	0.0	0.5	0.3	1.7	0.0	0.0	1.4	2.8	8.7	4.9	0.0	7.1	0.0	0.7	1.1	2.5	
180 CERVIX U	0.0	0.9	0.3	0.6	1.5	5.8	14.1	30.8	60.9	49.3	111.6	87.3	100.4	77.8	77.6	9.7	17.4	27.2	69.5	
181 PLACENTA	0.0	0.0	0.0	0.0	0.8	1.8	0.4	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.4	0.3	0.1	
182 BODY UTE	0.2	0.0	0.0	0.0	0.3	0.6	1.2	2.0	2.5	3.6	7.6	11.6	13.2	16.7	3.5	6.5	1.5	2.7	6.0	
183 OVARY	0.7	0.2	0.8	2.0	2.0	2.1	5.0	5.4	6.8	11.6	27.4	37.8	31.3	11.1	17.6	25.9	5.1	7.8	17.9	
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.3	0.0	1.0	3.7	4.3	0.9	1.5	8.2	8.3	0.0	6.5	0.8	1.4	3.2	
188 URI BLAD	0.0	0.0	0.0	0.0	0.3	0.0	0.4	0.0	2.5	0.0	5.7	5.8	4.9	5.6	14.1	6.5	0.8	1.5	2.8	
189 KIDNEY	2.0	0.0	0.5	0.0	0.0	0.3	1.2	2.0	3.7	2.2	3.8	4.4	1.6	2.8	7.1	0.0	1.2	1.5	2.9	
190 EYE	0.9	0.2	0.0	0.0	0.0	0.0	0.4	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.1	
191 BRAIN	0.5	1.4	1.0	1.7	1.3	1.8	1.2	2.9	2.5	2.2	3.8	1.5	3.3	8.3	3.5	3.2	1.7	2.0	2.7	
192 NERVOUS	0.0	0.2	0.3	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0	
193 THYROID	0.0	0.0	0.3	0.3	0.5	1.2	2.5	2.9	4.3	1.4	3.8	7.3	6.6	2.8	3.5	0.0	1.3	1.8	4.1	
194 OTH ENDO	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.2	
195 ILL DEF	0.2	0.0	0.0	0.0	0.3	0.3	0.4	0.5	1.9	2.2	2.8	4.4	3.3	2.8	3.5	6.5	0.7	1.1	2.3	
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.1	0.2	
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
199 PRIM UNK	0.7	0.2	0.3	0.3	0.8	3.3	2.9	7.3	14.9	28.3	36.9	37.8	69.1	75.1	49.4	55.1	8.0	14.1	29.5	
200 LYMPHOSA	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.7	0.9	2.9	0.0	0.0	0.0	0.0	0.2	0.2	0.7	
201 HODGKINS	0.0	0.7	0.3	0.3	0.8	1.8	0.4	1.0	1.2	0.7	1.9	0.0	1.6	0.0	3.5	3.2	0.8	0.8	1.1	
202 OTH LYMP	0.0	0.5	0.3	0.9	2.0	1.5	2.5	2.0	2.5	1.4	6.6	4.4	6.6	5.6	7.1	6.5	1.6	2.1	3.6	
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.9	1.9	2.9	3.3	8.3	7.1	9.7	0.6	1.2	1.9	
204 LEUK LYM	1.6	2.5	0.5	1.1	0.5	0.3	1.2	0.0	2.5	0.7	1.9	4.4	1.6	8.3	0.0	3.2	1.3	1.6	1.7	
205 LEUK MYE	0.2	0.7	0.5	0.6	2.0	2.4	1.7	4.9	3.1	4.3	4.7	2.9	1.6	5.6	3.5	0.0	1.8	2.0	3.7	
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
207 LEUK OTH	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	
208 LEUK UNS	0.9	0.2	0.5	0.6	0.3	0.6	0.0	1.0	1.2	1.4	0.0	0.0	0.0	2.8	0.0	0.0	0.6	0.6	0.7	
TOTAL	10.7	8.4	8.4	12.8	20.0	41.0	70.9	118.3	215.6	243.4	382.1	416.2	526.5	489.3	363.3	346.6	85.0	133.5	295.0	

POPULATION-BASED CANCER REGISTRY DELHI

Sex : Males

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.06	0.06	0.06
141	TONGUE	0.00	0.01	0.50	0.42	0.57
142	SALIVARY GLANDS	0.00	0.00	0.05	0.04	0.05
143	GUM	0.00	0.00	0.07	0.08	0.17
144	FLOOR OF MOUTH	0.00	0.00	0.01	0.01	0.01
145	OTHER MOUTH	0.00	0.00	0.17	0.14	0.21
146	OROPHARYNX	0.00	0.00	0.30	0.23	0.33
147	NASOPHARYNX	0.00	0.00	0.04	0.05	0.05
148	HYPOPHARYNX	0.00	0.00	0.29	0.21	0.39
149	PHARYNX ETC	0.00	0.00	0.08	0.05	0.09
150	OESOPHAGUS	0.00	0.01	0.56	0.41	0.71
151	STOMACH	0.00	0.01	0.34	0.26	0.44
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.01
153	COLON	0.00	0.01	0.19	0.11	0.26
154	RECTUM	0.00	0.01	0.23	0.18	0.27
155	LIVER	0.00	0.00	0.23	0.17	0.31
156	GALL BLADDER	0.00	0.00	0.19	0.11	0.27
157	PANCREAS	0.00	0.01	0.18	0.09	0.20
158	RETROPERITONEUM	0.00	0.00	0.02	0.02	0.02
159	OTHER DIS SYS	0.00	0.00	0.01	0.01	0.03
160	NASAL CAVITY	0.01	0.00	0.03	0.03	0.04
161	LARYNX	0.00	0.01	0.80	0.59	0.98
162	LUNG	0.00	0.02	1.07	0.73	1.55
163	PLEURA	0.00	0.00	0.04	0.02	0.04
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.02	0.03	0.11	0.13	0.17
171	CONNECTIVE TISS	0.01	0.03	0.14	0.13	0.26
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.02
173	SKIN OTHER	0.00	0.00	0.09	0.08	0.09
175	BREAST MALE	0.00	0.00	0.03	0.02	0.03
185	PROSTATE	0.00	0.00	0.51	0.16	0.83
186	TESTIS	0.00	0.02	0.04	0.06	0.06
187	PENIS ETC	0.00	0.01	0.09	0.09	0.13
188	URI BLADDER	0.00	0.00	0.42	0.27	0.61
189	KIDNEY	0.02	0.00	0.21	0.15	0.26
190	EYE	0.01	0.00	0.01	0.02	0.02
191	BRAIN	0.02	0.03	0.29	0.27	0.39
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.01
193	THYROID GLAND	0.00	0.01	0.07	0.06	0.10
194	OTH ENDO GLANDS	0.01	0.00	0.01	0.02	0.02
195	ILL DEF SITES	0.00	0.00	0.18	0.17	0.22
196	SEC LYMPH NODES	0.00	0.00	0.08	0.02	0.08
197	SEC RES ETC	0.00	0.00	0.02	0.00	0.02
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.01	0.03	1.32	0.84	1.69
200	LYMPHOSARCOMA	0.00	0.00	0.01	0.02	0.02
201	HODGKINS DIS	0.02	0.03	0.10	0.14	0.15
202	OTH LYMPHOMA	0.01	0.04	0.34	0.33	0.56
203	MULT MYELOMA	0.00	0.00	0.10	0.06	0.14
204	LEUK LYMPHATIC	0.05	0.03	0.11	0.15	0.21
205	LEUK MYELOID	0.02	0.05	0.14	0.18	0.26
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.02	0.01	0.09	0.10	0.14
ALL SITES		0.25	0.47	9.51	7.23	12.08

POPULATION-BASED CANCER REGISTRY DELHI

Sex : Females

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.05	0.03	0.05
141	TONGUE	0.00	0.01	0.24	0.22	0.27
142	SALIVARY GLANDS	0.00	0.00	0.06	0.03	0.08
143	GUM	0.00	0.00	0.13	0.11	0.17
144	FLOOR OF MOUTH	0.00	0.00	0.01	0.01	0.01
145	OTHER MOUTH	0.00	0.00	0.09	0.07	0.13
146	OROPHARYNX	0.00	0.00	0.03	0.03	0.05
147	NASOPHARYNX	0.00	0.00	0.03	0.02	0.05
148	HYPOPHARYNX	0.00	0.00	0.07	0.06	0.09
149	PHARYNX ETC	0.00	0.00	0.01	0.01	0.01
150	OESOPHAGUS	0.00	0.01	0.43	0.32	0.49
151	STOMACH	0.00	0.01	0.30	0.21	0.32
152	SMALL INTESTINE	0.00	0.00	0.02	0.02	0.02
153	COLON	0.00	0.02	0.13	0.08	0.19
154	RECTUM	0.00	0.01	0.12	0.11	0.15
155	LIVER	0.00	0.01	0.18	0.13	0.24
156	GALL BLADDER	0.00	0.01	0.41	0.35	0.56
157	PANCREAS	0.00	0.01	0.09	0.07	0.11
158	RETROPERITONEUM	0.00	0.00	0.06	0.04	0.07
159	OTHER DIS SYS	0.00	0.00	0.02	0.01	0.04
160	NASAL CAVITY	0.00	0.00	0.04	0.02	0.07
161	LARYNX	0.00	0.00	0.12	0.10	0.12
162	LUNG	0.00	0.01	0.25	0.21	0.29
163	PLEURA	0.00	0.00	0.03	0.03	0.03
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.02	0.03	0.06	0.06
171	CONNECTIVE TISS	0.01	0.02	0.08	0.11	0.13
172	SKIN MELANOMA	0.00	0.00	0.03	0.03	0.03
173	SKIN OTHER	0.00	0.01	0.11	0.09	0.17
174	BREAST FEM	0.00	0.14	2.49	2.16	2.75
179	UTERINE UNS	0.00	0.01	0.09	0.10	0.14
180	CERVIX UTERI	0.01	0.11	2.56	2.29	3.05
181	PLACENTA	0.00	0.01	0.00	0.02	0.02
182	BODY UTERUS	0.00	0.01	0.29	0.21	0.31
183	OVARY	0.01	0.06	0.66	0.66	0.81
184	VAGINA	0.00	0.00	0.14	0.10	0.14
188	URI BLADDER	0.00	0.00	0.12	0.10	0.20
189	KIDNEY	0.01	0.01	0.10	0.11	0.16
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.01	0.03	0.12	0.12	0.18
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.01	0.01
193	THYROID GLAND	0.00	0.02	0.15	0.16	0.19
194	OTH ENDO GLANDS	0.00	0.00	0.01	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.09	0.08	0.11
196	SEC LYMPH NODES	0.00	0.00	0.00	0.00	0.00
197	SEC RES ETC	0.00	0.00	0.01	0.01	0.01
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.01	0.04	1.34	1.01	1.62
200	LYMPHOSARCOMA	0.00	0.00	0.02	0.02	0.02
201	HODGKINS DIS	0.00	0.02	0.03	0.05	0.07
202	OTH LYMPHOMA	0.00	0.03	0.14	0.16	0.22
203	MULT MYELOMA	0.00	0.00	0.10	0.06	0.14
204	LEUK LYMPHATIC	0.02	0.02	0.10	0.09	0.14
205	LEUK MYELOID	0.01	0.03	0.14	0.15	0.19
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.01	0.01	0.03	0.03	0.05
ALL SITES		0.14	0.72	11.27	9.85	12.87

POPULATION-BASED CANCER REGISTRY DELHI Sex : Males Year : 1988
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	7	50.00	0	0.00	7	50.00	0	0.00	0	0.00	14	100.00
141	TONGUE	93	76.23	0	0.00	26	21.31	0	0.00	3	2.46	122	100.00
142	SALIVARY GLANDS	12	80.00	0	0.00	3	20.00	0	0.00	0	0.00	15	100.00
143	GUM	20	68.97	0	0.00	9	31.03	0	0.00	0	0.00	29	100.00
144	FLOOR OF MOUTH	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
145	OTHER MOUTH	37	84.09	0	0.00	5	11.36	0	0.00	2	4.55	44	100.00
146	OROPHARYNX	57	86.36	0	0.00	7	10.61	0	0.00	2	3.03	66	100.00
147	NASOPHARYNX	6	42.86	0	0.00	5	35.71	0	0.00	3	21.43	14	100.00
148	HYPOPHARYNX	52	77.61	0	0.00	15	22.39	0	0.00	0	0.00	67	100.00
149	PHARYNX ETC	9	64.29	0	0.00	1	7.14	0	0.00	4	28.57	14	100.00
150	OESOPHAGUS	68	52.71	0	0.00	44	34.11	0	0.00	17	13.18	129	100.00
151	STOMACH	49	57.65	0	0.00	23	27.06	0	0.00	13	15.29	85	100.00
152	SMALL INTESTINE	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
153	COLON	17	33.33	0	0.00	25	49.02	0	0.00	9	17.65	51	100.00
154	RECTUM	36	55.38	0	0.00	23	35.38	0	0.00	6	9.23	65	100.00
155	LIVER	20	35.09	0	0.00	20	35.09	0	0.00	17	29.82	57	100.00
156	GALL BLADDER	14	35.00	0	0.00	22	55.00	0	0.00	4	10.00	40	100.00
157	PANCREAS	11	30.56	0	0.00	13	36.11	0	0.00	12	33.33	36	100.00
158	RETROPERITONEUM	2	40.00	0	0.00	3	60.00	0	0.00	0	0.00	5	100.00
159	OTHER DIS SYS	2	28.57	0	0.00	4	57.14	0	0.00	1	14.29	7	100.00
160	NASAL CAVITY	7	53.85	0	0.00	6	46.15	0	0.00	0	0.00	13	100.00
161	LARYNX	110	58.82	0	0.00	70	37.43	0	0.00	7	3.74	187	100.00
162	LUNG	123	50.00	1	0.41	86	34.96	0	0.00	36	14.63	246	100.00
163	PLEURA	6	66.67	0	0.00	3	33.33	0	0.00	0	0.00	9	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00	3	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	37	51.39	1	1.39	30	41.67	0	0.00	4	5.56	72	100.00
171	CONNECTIVE TISS	41	57.75	0	0.00	29	40.85	0	0.00	1	1.41	71	100.00
172	SKIN MELANOMA	3	75.00	0	0.00	0	0.00	0	0.00	1	25.00	4	100.00
173	SKIN OTHER	19	70.37	0	0.00	8	29.63	0	0.00	0	0.00	27	100.00
175	BREAST MALE	7	77.78	0	0.00	1	11.11	0	0.00	1	11.11	9	100.00
185	PROSTATE	67	57.26	0	0.00	34	29.06	0	0.00	16	13.68	117	100.00
186	TESTIS	22	61.11	0	0.00	9	25.00	0	0.00	5	13.89	36	100.00
187	PENIS ETC	20	55.56	0	0.00	14	38.89	0	0.00	2	5.56	36	100.00
188	URI BLADDER	70	63.64	1	0.91	32	29.09	0	0.00	7	6.36	110	100.00
189	KIDNEY	31	48.44	0	0.00	29	45.31	0	0.00	4	6.25	64	100.00
190	EYE	9	60.00	0	0.00	4	26.67	0	0.00	2	13.33	15	100.00
191	BRAIN	57	46.34	3	2.44	34	27.64	0	0.00	29	23.58	123	100.00
192	NERVOUS SYSTEM	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
193	THYROID GLAND	16	57.14	0	0.00	11	39.29	0	0.00	1	3.57	28	100.00
194	OTH ENDO GLANDS	5	50.00	0	0.00	5	50.00	0	0.00	0	0.00	10	100.00
195	ILL DEF SITES	24	46.15	0	0.00	25	48.08	0	0.00	3	5.77	52	100.00
196	SEC LYMPH NODES	6	60.00	0	0.00	3	30.00	0	0.00	1	10.00	10	100.00
197	SEC RES ETC	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	97	29.85	2	0.62	46	14.15	0	0.00	180	55.38	325	100.00
200	LYMPHOSARCOMA	8	88.89	0	0.00	0	0.00	0	0.00	1	11.11	9	100.00
201	HODGKINS DIS	69	95.83	0	0.00	1	1.39	0	0.00	2	2.78	72	100.00
202	OTH LYMPHOMA	113	83.70	0	0.00	2	1.48	0	0.00	20	14.81	135	100.00
203	MULT MYELOMA	22	84.62	0	0.00	0	0.00	0	0.00	4	15.38	26	100.00
204	LEUK LYMPHATIC	87	85.29	0	0.00	0	0.00	0	0.00	15	14.71	102	100.00
205	LEUK MYELOID	85	79.44	0	0.00	0	0.00	0	0.00	22	20.56	107	100.00
206	LEUK MONOCYTIC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
208	LEUK UNS	28	51.85	0	0.00	0	0.00	0	0.00	26	48.15	54	100.00
ALL SITES TOTALS		1713		8		740		0		486		2947	
%		58.13		0.27		25.11		0.00		16.49		100.00	

POPULATION-BASED CANCER REGISTRY DELHI Sex : Females Year : 1988
INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
141	TONGUE	40	74.07	0	0.00	12	22.22	0	0.00	2	3.70	54	100.00
142	SALIVARY GLANDS	8	61.54	0	0.00	4	30.77	0	0.00	1	7.69	13	100.00
143	GUM	19	73.08	0	0.00	7	26.92	0	0.00	0	0.00	26	100.00
144	FLOOR OF MOUTH	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
145	OTHER MOUTH	14	82.35	0	0.00	1	5.88	0	0.00	2	11.76	17	100.00
146	OROPHARYNX	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
147	NASOPHARYNX	2	25.00	0	0.00	3	37.50	0	0.00	3	37.50	8	100.00
148	HYPOPHARYNX	11	73.33	0	0.00	4	26.67	0	0.00	0	0.00	15	100.00
149	PHARYNX ETC	1	33.33	0	0.00	1	33.33	0	0.00	1	33.33	3	100.00
150	OESOPHAGUS	49	57.65	0	0.00	25	29.41	0	0.00	11	12.94	85	100.00
151	STOMACH	28	50.91	1	1.82	15	27.27	0	0.00	11	20.00	55	100.00
152	SMALL INTESTINE	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
153	COLON	20	57.14	0	0.00	12	34.29	0	0.00	3	8.57	35	100.00
154	RECTUM	15	46.88	0	0.00	14	43.75	0	0.00	3	9.38	32	100.00
155	LIVER	16	38.10	0	0.00	15	35.71	0	0.00	11	26.19	42	100.00
156	GALL BLADDER	34	40.96	1	1.20	34	40.96	0	0.00	14	16.87	83	100.00
157	PANCREAS	1	5.56	1	5.56	11	61.11	0	0.00	5	27.78	18	100.00
158	RETROPERITONEUM	4	26.67	0	0.00	10	66.67	0	0.00	1	6.67	15	100.00
159	OTHER DIS SYS	1	14.29	0	0.00	5	71.43	0	0.00	1	14.29	7	100.00
160	NASAL CAVITY	6	75.00	0	0.00	2	25.00	0	0.00	0	0.00	8	100.00
161	LARYNX	9	42.86	0	0.00	10	47.62	0	0.00	2	9.52	21	100.00
162	LUNG	26	47.27	0	0.00	16	29.09	0	0.00	13	23.64	55	100.00
163	PLEURA	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	12	37.50	0	0.00	20	62.50	0	0.00	0	0.00	32	100.00
171	CONNECTIVE TISS	20	52.63	0	0.00	17	44.74	0	0.00	1	2.63	38	100.00
172	SKIN MELANOMA	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
173	SKIN OTHER	22	81.48	0	0.00	5	18.52	0	0.00	0	0.00	27	100.00
174	BREAST FEM	436	74.79	1	0.17	114	19.55	1	0.17	31	5.32	583	100.00
179	UTERINE UNS	13	54.17	0	0.00	8	33.33	0	0.00	3	12.50	24	100.00
180	CERVIX UTERI	358	60.07	0	0.00	220	36.91	0	0.00	18	3.02	596	100.00
181	PLACENTA	2	16.67	0	0.00	9	75.00	0	0.00	1	8.33	12	100.00
182	BODY UTERUS	33	62.26	0	0.00	17	32.08	1	1.89	2	3.77	53	100.00
183	OVARY	82	47.40	0	0.00	83	47.98	0	0.00	8	4.62	173	100.00
184	VAGINA	17	62.96	0	0.00	10	37.04	0	0.00	0	0.00	27	100.00
188	URI BLADDER	16	57.14	0	0.00	10	35.71	0	0.00	2	7.14	28	100.00
189	KIDNEY	24	60.00	0	0.00	15	37.50	0	0.00	1	2.50	40	100.00
190	EYE	4	50.00	0	0.00	4	50.00	0	0.00	0	0.00	8	100.00
191	BRAIN	23	38.98	4	6.78	24	40.68	0	0.00	8	13.56	59	100.00
192	NERVOUS SYSTEM	1	25.00	0	0.00	3	75.00	0	0.00	0	0.00	4	100.00
193	THYROID GLAND	21	46.67	0	0.00	23	51.11	0	0.00	1	2.22	45	100.00
194	OTH ENDO GLANDS	1	20.00	0	0.00	4	80.00	0	0.00	0	0.00	5	100.00
195	ILL DEF SITES	12	52.17	0	0.00	10	43.48	0	0.00	1	4.35	23	100.00
196	SEC LYMPH NODES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
197	SEC RES ETC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	85	31.14	0	0.00	38	13.92	0	0.00	150	54.95	273	100.00
200	LYMPHOSARCOMA	5	83.33	0	0.00	0	0.00	1	16.67	0	0.00	6	100.00
201	HODGKINS DIS	25	92.59	0	0.00	0	0.00	0	0.00	2	7.41	27	100.00
202	OTH LYMPHOMA	50	90.91	0	0.00	2	3.64	0	0.00	3	5.45	55	100.00
203	MULT MYELOMA	15	75.00	2	10.00	1	5.00	0	0.00	2	10.00	20	100.00
204	LEUK LYMPHATIC	39	86.67	0	0.00	0	0.00	0	0.00	6	13.33	45	100.00
205	LEUK MYELOID	56	93.33	0	0.00	0	0.00	0	0.00	4	6.67	60	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
208	LEUK UNS	12	63.16	0	0.00	0	0.00	0	0.00	7	36.84	19	100.00
ALL SITES TOTALS		1719		10		840		3		335		2907	
%		59.13		0.34		28.90		0.10		11.52		100.00	

Year : 1989

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD-9), AND PERCENTAGE OF TOTAL																				
ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%	
140 LIP	0	0	0	0	0	0	0	2	2	0	1	3	3	1	1	0	1	14	0.46	
141 TONGUE	0	1	0	0	3	3	8	7	16	19	33	32	17	21	7	17	2	186	6.09	
142 SALIVARY G	0	1	0	0	0	2	2	0	0	2	5	0	1	2	2	2	0	19	0.62	
143 GUM	0	0	0	0	1	0	1	1	5	3	5	1	2	5	0	3	0	27	0.88	
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	2	0	1	1	0	0	0	0	4	0.13	
145 OTHER MOUT	0	0	0	0	1	0	1	2	8	12	10	9	8	3	5	2	2	63	2.06	
146 OROPHARYNX	0	0	0	0	0	1	2	5	5	10	10	13	12	11	2	4	2	77	2.52	
147 NASOPHARYN	0	0	1	4	0	2	1	0	2	0	3	0	2	1	2	0	0	18	0.59	
148 HYPOPHARYN	0	0	0	0	0	2	2	1	3	9	5	5	13	4	5	3	0	52	1.70	
149 PHARYNX ET	1	0	0	0	0	1	1	0	3	0	3	0	5	0	1	1	0	16	0.52	
150 OESOPHAGUS	0	0	1	1	4	1	8	2	11	15	22	14	24	18	13	12	5	151	4.95	
151 STOMACH	0	0	0	0	1	1	3	6	4	8	12	7	15	6	9	6	1	79	2.59	
152 SMALL INTE	0	0	0	0	2	0	1	0	0	1	1	0	0	1	0	0	0	6	0.20	
153 COLON	0	2	0	0	0	1	2	2	9	2	4	6	11	3	4	3	1	50	1.64	
154 RECTUM	0	0	0	2	1	3	3	8	7	10	4	10	9	8	6	4	4	79	2.59	
155 LIVER	1	0	1	1	2	0	1	4	3	6	5	7	10	6	2	3	1	53	1.74	
156 GALL BALDD	0	0	0	0	0	2	2	4	4	9	4	7	3	5	5	2	1	48	1.57	
157 PANCREAS	0	0	0	0	0	5	3	3	3	2	9	7	5	7	7	3	2	56	1.83	
158 RETROPERIT	0	0	0	1	2	0	0	1	0	0	0	1	0	0	1	2	0	8	0.26	
159 OTHER DIS	0	0	0	0	0	1	1	1	2	0	2	0	4	2	0	1	0	14	0.46	
160 NASAL CAVI	0	0	0	0	1	0	1	0	1	2	5	3	1	1	0	0	0	15	0.49	
161 LARYNX	1	0	0	1	0	1	6	10	15	24	40	35	39	13	13	10	5	213	6.98	
162 LUNG	0	0	0	1	2	2	6	12	14	18	47	55	44	31	22	15	8	277	9.08	
163 PLEURA	0	0	0	0	0	1	0	0	0	1	1	0	2	0	0	0	0	5	0.16	
164 THYMUS	0	0	1	0	1	1	1	0	0	0	0	1	0	0	0	0	0	5	0.16	
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.03	
170 BONE	0	1	10	11	9	6	5	1	1	4	4	1	1	0	0	1	1	56	1.83	
171 CONNECTIVE	1	0	4	6	4	3	6	1	2	2	2	2	5	3	2	3	1	47	1.54	
172 SKIN MELAN	0	0	1	0	0	0	0	1	1	0	2	1	1	0	0	0	1	8	0.26	
173 SKIN OTHER	0	1	1	0	2	1	1	2	3	0	5	2	2	5	6	1	0	32	1.05	
175 BREAST MAL	0	0	1	0	1	0	1	2	4	0	1	2	2	2	0	3	1	20	0.66	
185 PROSTATE	0	0	0	0	0	0	1	1	1	2	3	9	15	22	29	26	2	111	3.64	
186 TESTIS	4	0	1	1	4	7	1	2	2	3	1	1	1	0	0	1	0	29	0.95	
187 PENIS ETC	0	0	0	0	1	0	4	4	3	8	4	1	11	2	2	3	2	45	1.47	
188 URI BLADDE	1	1	0	0	0	3	4	2	8	11	16	8	19	18	14	14	1	120	3.93	
189 KIDNEY	7	0	1	0	0	2	2	2	3	2	7	9	4	2	3	3	1	48	1.57	
190 EYE	6	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8	0.26	
191 BRAIN	3	9	6	6	15	6	10	15	9	9	8	9	9	5	1	0	3	123	4.03	
192 NERVOUS SY	0	0	1	1	1	0	1	0	1	0	0	1	0	0	0	0	0	6	0.20	
193 THYROID GL	0	0	1	0	1	1	2	3	2	3	5	6	1	1	0	0	0	26	0.85	
194 OTH ENDO G	4	0	0	0	0	1	0	0	0	1	3	1	0	0	0	0	0	10	0.33	
195 ILL DEF SI	3	0	0	2	3	1	1	2	2	3	6	5	6	4	2	5	0	45	1.47	
196 SEC LYMPH	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0.07	
197 SEC RES ET	0	0	0	1	0	1	0	0	0	1	1	1	2	0	1	2	0	10	0.33	
198 SEC OTHER	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0.10	
199 PRIM UNK	2	2	1	5	2	6	10	9	20	28	30	30	44	44	12	19	4	268	8.78	
200 LYMPHOSARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
201 HODGKINS D	1	2	7	5	7	9	7	4	5	4	4	1	4	2	0	1	0	63	2.06	
202 OTH LYMPHO	3	6	7	9	8	11	8	12	10	6	17	10	14	12	5	9	2	149	4.88	
203 MULT MYELO	0	0	0	0	0	0	0	1	1	2	4	11	8	10	9	5	0	51	1.67	
204 LEUK LYMPH	19	21	16	12	6	4	3	0	1	0	1	5	5	2	2	1	1	99	3.24	
205 LEUK MYELO	6	3	6	10	7	5	8	5	12	3	7	7	7	2	1	0	1	90	2.95	
206 LEUK MONOC	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.03	
207 LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
208 LEUK UNS	6	5	5	4	2	2	2	1	5	3	0	1	2	2	1	3	2	46	1.51	
TOTAL	70	56	73	85	94	100	134	142	213	250	363	341	395	288	197	193	58	3052	100.00	
%	2.3	1.8	2.4	2.8	3.1	3.3	4.4	4.7	7.0	8.2	11.9	11.2	12.9	9.4	6.5	6.3	1.9	100.0		

POPULATION-BASED CANCER REGISTRY DELHI

Sex : Females

Year : 1989

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	0	5	0.16
141 TONGUE	0	0	0	0	0	3	1	1	4	3	6	5	2	2	1	0	1	29	0.92
142 SALIVARY G	0	0	0	0	0	1	2	0	2	0	1	0	1	3	0	0	0	10	0.32
143 GUM	0	1	0	0	1	0	0	1	2	4	3	2	5	2	1	0	0	22	0.70
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	0.06
145 OTHER MOUT	0	0	0	0	0	0	3	2	2	3	5	5	4	3	0	1	0	28	0.89
146 OROPHARYNX	0	0	0	0	0	0	0	2	3	1	1	4	0	5	0	2	0	18	0.57
147 NASOPHARYN	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	0	0	4	0.13
148 HYPOPHARYN	0	0	0	0	0	0	0	2	1	2	2	1	2	1	0	1	1	13	0.41
149 PHARYNX ET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
150 OESOPHAGUS	0	0	0	1	0	0	4	4	11	8	16	14	12	7	5	7	3	92	2.92
151 STOMACH	2	0	0	2	0	2	3	4	4	6	4	5	9	4	3	2	1	51	1.62
152 SMALL INTE	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	0	0	5	0.16
153 COLON	0	0	0	0	1	2	2	1	4	1	8	6	5	3	3	3	1	40	1.27
154 RECTUM	0	0	0	0	6	3	1	4	4	5	3	6	5	4	0	0	3	44	1.40
155 LIVER	1	0	0	0	0	1	3	0	3	1	3	3	3	2	1	2	1	24	0.76
156 GALL BALDD	1	0	0	0	1	4	2	3	6	23	13	20	25	13	8	5	2	126	4.00
157 PANCREAS	0	0	0	0	0	1	0	1	1	0	4	1	5	4	2	3	1	23	0.73
158 RETROPERIT	0	0	0	0	2	0	1	1	0	0	0	3	1	0	0	0	1	9	0.29
159 OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	3	1	1	0	0	5	0.16
160 NASAL CAVI	2	1	0	0	1	0	1	0	2	1	1	1	0	0	1	0	0	11	0.35
161 LARYNX	0	0	0	0	0	0	0	1	2	5	6	5	6	5	3	0	0	33	1.05
162 LUNG	1	0	0	0	2	1	2	1	4	0	7	6	9	5	3	1	1	43	1.36
163 PLEURA	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	3	0.10
164 THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	1	0	4	8	9	2	0	4	1	0	3	2	4	0	0	0	0	38	1.21
171 CONNECTIVE	3	1	3	2	3	4	4	3	6	6	3	1	4	0	1	2	1	47	1.49
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	3	0.10
173 SKIN OTHER	1	0	0	0	2	1	1	2	1	5	7	0	4	4	3	2	0	33	1.05
174 BREAST FEM	0	0	0	6	11	22	57	68	90	91	115	54	71	28	20	13	7	653	20.71
179 UTERINE UN	0	0	0	0	0	1	0	0	4	4	2	2	6	2	1	1	2	25	0.79
180 CERVIX UTE	0	0	0	0	11	25	44	79	108	111	103	75	67	28	21	11	15	698	22.14
181 PLACENTA	0	0	0	0	3	2	1	2	1	0	0	0	0	0	0	0	0	9	0.29
182 BODY UTERU	0	0	0	0	0	1	1	2	5	5	10	6	8	4	2	4	1	49	1.55
183 OVARY	2	1	2	7	9	7	11	7	25	23	26	24	31	9	4	4	2	194	6.15
184 VAGINA	0	0	0	0	1	0	2	2	1	5	7	2	5	2	3	1	1	32	1.01
188 URI BLADDE	0	1	0	0	0	0	0	2	3	2	1	1	5	1	2	1	0	19	0.60
189 KIDNEY	4	0	3	0	0	3	1	1	1	2	2	7	4	2	1	0	1	32	1.01
190 EYE	8	3	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	14	0.44
191 BRAIN	3	6	6	7	2	5	3	4	6	6	3	9	5	2	2	0	0	69	2.19
192 NERVOUS SY	0	0	0	2	0	1	0	0	0	0	1	0	0	0	0	0	0	4	0.13
193 THYROID GL	0	0	0	3	2	5	6	6	3	4	5	7	1	4	5	1	1	53	1.68
194 OTH ENDO G	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.10
195 ILL DEF SI	0	0	1	1	1	1	1	1	1	7	4	2	3	3	3	1	0	30	0.95
196 SEC LYMPH	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.03
197 SEC RES ET	0	0	0	0	0	0	0	1	0	2	1	3	1	1	0	0	0	9	0.29
198 SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199 PRIM UNK	0	1	2	0	6	6	10	11	27	28	29	28	36	29	14	11	2	240	7.61
200 LYMPHOSARC	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.06
201 HODGKINS D	0	2	2	2	2	1	2	3	2	2	5	3	1	0	0	1	1	29	0.92
202 OTH LYMPHO	2	1	1	1	6	1	3	3	2	6	9	6	6	3	3	2	0	55	1.74
203 MULT MYELO	0	1	0	0	0	0	2	2	1	5	7	6	7	5	1	2	0	39	1.24
204 LEUK LYMPH	4	8	6	1	6	1	1	2	2	1	2	1	6	1	0	0	2	44	1.40
205 LEUK MYELO	1	3	3	2	6	11	5	8	1	5	2	5	1	3	2	0	0	58	1.84
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.03
207 LEUK OTH S	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
208 LEUK UNS	1	3	2	3	3	0	4	1	1	1	3	1	2	3	0	1	0	29	0.92
TOTAL	40	33	36	51	98	120	185	242	349	388	435	334	376	199	126	87	54	3153	100.00
%	1.3	1.0	1.1	1.6	3.1	3.8	5.9	7.7	11.1	12.3	13.8	10.6	11.9	6.3	4.0	2.8	1.7	100.0	

POPULATION-BASED CANCER REGISTRY DELHI
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

Sex : Males

Year : 1989

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.7	3.1	3.8	2.4	3.0	0.0	0.3	0.5	1.3
141 TONGUE	0.0	0.2	0.0	0.0	0.6	0.7	2.4	2.5	6.9	10.3	21.6	32.9	21.4	50.0	21.0	53.6	4.3	7.7	14.3
142 SALIVARY	0.0	0.2	0.0	0.0	0.0	0.5	0.6	0.0	0.0	1.1	3.3	0.0	1.3	4.8	6.0	6.3	0.4	0.8	0.9
143 GUM	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.4	2.1	1.6	3.3	1.0	2.5	11.9	0.0	9.5	0.6	1.1	1.8
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.0	1.3	0.0	0.0	0.0	0.1	0.2	0.5
145 OTHER MO	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.7	3.4	6.5	6.5	9.3	10.1	7.1	15.0	6.3	1.5	2.4	5.6
146 OROPHARY	0.0	0.0	0.0	0.0	0.2	0.6	1.8	2.1	5.4	6.5	13.4	15.1	26.2	6.0	12.6	1.8	3.2	6.5	
147 NASOPHAR	0.0	0.0	0.2	0.9	0.0	0.5	0.3	0.0	0.9	0.0	2.0	0.0	2.5	2.4	6.0	0.0	0.4	0.6	0.8
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.4	1.3	4.9	3.3	5.1	16.4	9.5	15.0	9.5	1.2	2.3	4.6
149 PHARYNX	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.0	1.3	0.0	2.0	0.0	6.3	0.0	3.0	3.2	0.4	0.6	1.4
150 OESOPHAG	0.0	0.0	0.2	0.2	0.8	0.2	2.4	0.7	4.7	8.1	14.4	14.4	30.3	42.9	39.0	37.8	3.5	6.4	10.7
151 STOMACH	0.0	0.0	0.0	0.0	0.2	0.2	0.9	2.2	1.7	4.3	7.8	7.2	18.9	14.3	27.0	18.9	1.8	3.4	6.2
152 SMALL IN	0.0	0.0	0.0	0.0	0.4	0.0	0.3	0.0	0.0	0.5	0.7	0.0	0.0	2.4	0.0	0.0	0.1	0.2	0.2
153 COLON	0.0	0.4	0.0	0.0	0.0	0.2	0.6	0.7	3.9	1.1	2.6	6.2	13.9	7.1	12.0	9.5	1.2	2.0	4.1
154 RECTUM	0.0	0.0	0.0	0.4	0.2	0.7	0.9	2.9	3.0	5.4	2.6	10.3	11.4	19.1	18.0	12.6	1.8	3.0	5.4
155 LIVER	0.2	0.0	0.2	0.2	0.4	0.0	0.3	1.4	1.3	3.2	3.3	7.2	12.6	14.3	6.0	9.5	1.2	2.2	4.2
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.4	1.7	4.9	2.6	7.2	3.8	11.9	15.0	6.3	1.1	1.9	3.4
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	1.2	0.9	1.1	1.3	1.1	5.9	7.2	6.3	16.7	21.0	9.5	1.3	2.3	3.4
158 RETROPER	0.0	0.0	0.0	0.2	0.4	0.0	0.0	0.4	0.0	0.0	0.0	1.0	0.0	0.0	3.0	6.3	0.2	0.3	0.2
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.9	0.0	1.3	0.0	5.0	4.8	0.0	3.2	0.3	0.6	1.1
160 NASAL CA	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	0.4	1.1	3.3	3.1	1.3	2.4	0.0	0.0	0.3	0.5	1.4
161 LARYNX	0.2	0.0	0.0	0.2	0.0	0.2	1.8	3.6	6.4	13.0	26.2	36.0	49.2	31.0	39.0	31.5	5.0	8.6	19.7
162 LUNG	0.0	0.0	0.0	0.2	0.4	0.5	1.8	4.3	6.0	9.7	30.7	56.6	55.5	73.9	66.0	47.3	6.4	11.9	23.3
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.5	0.7	0.0	2.5	0.0	0.0	0.0	0.1	0.2	0.5
164 THYMUS	0.0	0.0	0.2	0.0	0.2	0.2	0.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
170 BONE	0.0	0.2	2.1	2.4	1.8	1.4	1.5	0.4	0.4	2.2	2.6	1.0	1.3	0.0	0.0	3.2	1.3	1.2	1.3
171 CONNECTI	0.2	0.0	0.9	1.3	0.8	0.7	1.8	0.4	0.9	1.1	1.3	2.1	6.3	7.1	6.0	9.5	1.1	1.5	1.7
172 SKIN MEL	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.4	0.4	0.0	1.3	1.0	1.3	0.0	0.0	0.0	0.2	0.2	0.7
173 SKIN OTH	0.0	0.2	0.2	0.0	0.4	0.2	0.3	0.7	1.3	0.0	3.3	2.1	2.5	11.9	18.0	3.2	0.7	1.4	1.5
175 BREAST M	0.0	0.0	0.2	0.0	0.2	0.0	0.3	0.7	1.7	0.0	0.7	2.1	2.5	4.8	0.0	9.5	0.5	0.7	1.2
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.4	1.1	2.0	9.3	18.9	52.4	87.0	81.9	2.6	6.3	4.3
186 TESTIS	0.8	0.0	0.2	0.2	0.8	1.6	0.3	0.7	0.9	1.6	0.7	1.0	1.3	0.0	0.0	3.2	0.7	0.7	1.0
187 PENIS ET	0.0	0.0	0.0	0.0	0.2	0.0	1.2	1.4	1.3	4.3	2.6	1.0	13.9	4.8	6.0	9.5	1.0	1.7	3.7
188 URI BLAD	0.2	0.2	0.0	0.0	0.0	0.7	1.2	0.7	3.4	5.9	10.5	8.2	24.0	42.9	42.0	44.1	2.8	5.6	7.8
189 KIDNEY	1.5	0.0	0.2	0.0	0.0	0.5	0.6	0.7	1.3	1.1	4.6	9.3	5.0	4.8	9.0	9.5	1.1	1.8	3.2
190 EYE	1.3	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
191 BRAIN	0.6	1.8	1.3	1.3	3.0	1.4	3.0	5.4	3.9	4.9	5.2	9.3	11.4	11.9	3.0	0.0	2.9	3.4	6.2
192 NERVOUS	0.0	0.0	0.2	0.2	0.2	0.0	0.3	0.0	0.4	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
193 THYROID	0.0	0.0	0.2	0.0	0.2	0.2	0.6	1.1	0.9	1.6	3.3	6.2	1.3	2.4	0.0	0.0	0.2	0.3	0.6
194 OTH ENDO	0.8	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.5	2.0	1.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6
195 ILL DEF	0.6	0.0	0.0	0.4	0.6	0.2	0.3	0.7	0.9	1.6	3.9	5.1	7.6	9.5	6.0	15.8	1.0	1.8	2.9
196 SEC LYMP	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
197 SEC RES	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.5	0.7	1.0	2.5	0.0	3.0	6.3	0.2	0.4	0.7
198 SEC OTH	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.4	0.0	0.0	0.0	0.1	0.1	0.2
199 PRIM UNK	0.4	0.4	0.2	1.1	0.4	1.4	3.0	3.2	8.6	15.1	19.6	30.9	55.5	104.8	36.0	59.9	6.2	11.6	19.5
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201 HODGKINS	0.2	0.4	1.5	1.1	1.4	2.1	2.1	1.4	2.1	2.2	2.6	1.0	5.0	4.8	0.0	3.2	1.5	1.6	2.3
202 OTH LYMP	0.6	1.2	1.5	1.9	1.6	2.5	2.4	4.3	4.3	3.2	11.1	10.3	17.7	28.6	15.0	28.4	3.5	5.1	7.7
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	1.1	2.6	11.3	10.1	23.8	27.0	15.8	1.2	2.7	3.5	
204 LEUK LYM	4.0	4.2	3.4	2.6	1.2	0.9	0.9	0.0	0.4	0.0	0.7	5.1	6.3	4.8	6.0	3.2	2.3	2.5	1.7
205 LEUK MYE	1.3	0.6	1.3	2.2	1.4	1.2	2.4	1.8	5.2	1.6	4.6	7.2	8.8	4.8	3.0	0.0	2.1	2.5	4.5
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	1.3	1.0	1.1	0.9	0.4	0.5	0.6	0.4	2.1	1.6	0.0	1.0	2.5	4.8	3.0	9.5	1.1	1.3	1.3
TOTAL	14.8	11.3	15.6	18.3	18.8	23.0	40.2	51.2	91.6	135.0	237.3	350.9	498.3	686.3	591.3	608.1	70.9	118.8	201.6

POPULATION-BASED CANCER REGISTRY DELHI
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

Sex : Females

Year : 1989

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.6	0.0	3.4	3.1	0.1	0.3	0.4
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.9	0.4	0.5	2.4	2.1	5.5	7.0	3.2	5.3	3.4	0.0	0.8	1.3	3.1
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.3	0.8	0.0	1.2	0.0	0.9	0.0	1.6	8.0	0.0	0.0	0.3	0.5	0.6
143 GUM	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.5	1.2	2.8	2.7	2.8	7.9	5.3	3.4	0.0	0.6	1.1	2.7
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.9	1.2	2.1	4.5	7.0	6.3	8.0	0.0	3.1	0.8	1.4	3.3
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	0.7	0.9	5.6	0.0	13.4	0.0	6.2	0.5	1.0	1.5
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	6.8	0.0	0.1	0.2	0.2
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.6	1.4	1.8	1.4	3.2	2.7	0.0	3.1	0.4	0.6	1.4
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150 OESOPHAG	0.0	0.0	0.0	0.3	0.0	0.0	1.6	1.9	6.6	5.6	14.5	19.6	19.0	18.7	17.0	21.8	2.6	4.6	10.0
151 STOMACH	0.4	0.0	0.0	0.5	0.0	0.6	1.2	1.9	2.4	4.2	3.6	7.0	14.2	10.7	10.2	6.2	1.4	2.4	5.0
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.6	0.7	0.9	0.0	0.0	0.0	3.4	0.0	0.1	0.2	0.4
153 COLON	0.0	0.0	0.0	0.0	0.2	0.6	0.8	0.5	2.4	0.7	7.3	8.4	7.9	8.0	10.2	9.3	1.1	2.0	4.0
154 RECTUM	0.0	0.0	0.0	0.0	1.5	0.9	0.4	1.9	2.4	3.5	2.7	8.4	7.9	10.7	0.0	0.0	1.2	1.8	4.0
155 LIVER	0.2	0.0	0.0	0.0	0.0	0.3	1.2	0.0	1.8	0.7	2.7	4.2	4.7	5.3	3.4	6.2	0.7	1.1	2.1
156 GALL BAL	0.2	0.0	0.0	0.0	0.2	1.2	0.8	1.4	3.6	16.0	11.8	28.0	39.5	34.7	27.1	15.6	3.5	6.6	14.7
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.6	0.0	3.6	1.4	7.9	10.7	6.8	9.3	0.6	1.3	2.0
158 RETROPER	0.0	0.0	0.0	0.0	0.5	0.0	0.4	0.5	0.0	0.0	0.0	4.2	1.6	0.0	0.0	0.0	0.3	0.3	0.8
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	2.7	3.4	0.0	0.1	0.3	0.6
160 NASAL CA	0.4	0.2	0.0	0.0	0.2	0.0	0.4	0.0	1.2	0.7	0.9	1.4	0.0	0.0	3.4	0.0	0.3	0.4	0.7
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.2	3.5	5.5	7.0	9.5	13.4	10.2	0.0	0.9	1.8	4.0
162 LUNG	0.2	0.0	0.0	0.0	0.5	0.3	0.8	0.5	2.4	0.0	6.4	8.4	14.2	13.4	10.2	3.1	1.2	2.2	4.5
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	0.0	0.0	0.0	2.7	0.0	0.0	0.1	0.2	0.3
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.2	0.0	1.0	2.2	2.2	0.6	0.0	1.9	0.6	0.0	2.7	2.8	6.3	0.0	0.0	0.0	1.1	1.2	2.1
171 CONNECTI	0.7	0.2	0.7	0.5	0.7	1.2	1.6	1.4	3.6	4.2	2.7	1.4	6.3	0.0	3.4	6.2	1.3	1.7	3.2
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.4	0.0	0.0	3.4	0.0	0.1	0.2	0.3
173 SKIN OTH	0.2	0.0	0.0	0.0	0.5	0.3	0.4	0.9	0.6	3.5	6.4	0.0	6.3	10.7	10.2	6.2	0.9	1.6	2.8
174 BREAST F	0.0	0.0	0.0	1.6	2.7	6.4	22.7	31.9	53.8	63.4	104.6	75.5	112.3	74.8	67.8	40.5	18.3	28.3	70.0
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	2.4	2.8	1.8	2.8	9.5	5.3	3.4	3.1	0.7	1.2	2.9
180 CERVIX U	0.0	0.0	0.0	0.0	2.7	7.3	17.5	37.1	64.5	77.3	93.7	104.9	106.0	74.8	71.2	34.2	19.6	30.1	76.9
181 PLACENTA	0.0	0.0	0.0	0.0	0.7	0.6	0.4	0.9	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.3
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.9	3.0	3.5	9.1	8.4	12.7	10.7	6.8	12.5	1.4	2.5	5.6
183 OVARY	0.4	0.2	0.5	1.9	2.2	2.0	4.4	3.3	14.9	16.0	23.6	33.6	49.0	24.1	13.6	12.5	5.5	8.7	21.1
184 VAGINA	0.0	0.0	0.0	0.0	0.2	0.0	0.8	0.9	0.6	3.5	6.4	2.8	7.9	5.3	10.2	3.1	0.9	1.5	3.4
188 URI BLAD	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.9	1.8	1.4	0.9	1.4	7.9	2.7	6.8	3.1	0.5	1.0	2.1
189 KIDNEY	0.9	0.0	0.7	0.0	0.0	0.9	0.4	0.5	0.6	1.4	1.8	9.8	6.3	5.3	3.4	0.0	0.9	1.4	2.8
190 EYE	1.7	0.7	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	3.1	0.4	0.4	0.1
191 BRAIN	0.7	1.3	1.5	1.9	0.5	1.5	1.2	1.9	3.6	4.2	2.7	12.6	7.9	5.3	6.8	0.0	1.9	2.6	5.0
192 NERVOUS	0.0	0.0	0.0	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
193 THYROID	0.0	0.0	0.0	0.8	0.5	1.5	2.4	2.8	1.8	2.8	4.5	9.8	1.6	10.7	17.0	3.1	1.5	2.2	3.6
194 OTH ENDO	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
195 ILL DEF	0.0	0.0	0.2	0.3	0.2	0.3	0.4	0.5	0.6	4.9	3.6	2.8	4.7	8.0	10.2	3.1	0.8	1.5	2.7
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.4	0.9	4.2	1.6	2.7	0.0	0.0	0.3	0.5	1.3
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199 PRIM UNK	0.0	0.2	0.5	0.0	1.5	1.8	4.0	5.2	16.1	19.5	26.4	39.2	56.9	77.5	47.5	34.2	6.7	12.1	24.5
200 LYMPHOSA	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
201 HODGKINS	0.0	0.4	0.5	0.5	0.5	0.3	0.8	1.4	1.2	1.4	4.5	4.2	1.6	0.0	0.0	3.1	0.8	1.0	2.3
202 OTH LYMP	0.4	0.2	0.2	0.3	1.5	0.3	1.2	1.4	1.2	4.2	8.2	8.4	9.5	8.0	10.2	6.2	1.5	2.4	4.9
203 MULT MYE	0.0	0.2	0.0	0.0	0.0	0.0	0.8	0.9	0.6	3.5	6.4	8.4	11.1	13.4	3.4	6.2	1.1	2.1	4.5
204 LEUK LYM	0.9	1.8	1.5	0.3	1.5	0.3	0.4	0.9	1.2	0.7	1.8	1.4	9.5	2.7	0.0	0.0	1.2	1.4	2.2
205 LEUK MYE	0.2	0.7	0.7	0.5	1.5	3.2	2.0	3.8	0.6	3.5	1.8	7.0	1.6	8.0	6.8	0.0	1.6	2.0	2.9
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	0.0	0.0	0.1	0.0
207 LEUK OTH	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.2	0.7	0.5	0.8	0.7	0.0	1.6	0.5	0.6	0.7	2.7	1.4	3.2	8.0	0.0	3.1	0.8	1.1	1.4
TOTAL	8.7	7.2	8.8	14.0	23.9	35.0	73.8	113.7	208.4	270.2	395.5	467.2	594.7	531.8	427.3	270.9	88.6	140.7	315.5

POPULATION-BASED CANCER REGISTRY DELHI

Sex : Males

Year : 1989

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.06	0.05	0.07
141	TONGUE	0.00	0.02	0.73	0.50	0.85
142	SALIVARY GLANDS	0.00	0.01	0.05	0.03	0.09
143	GUM	0.00	0.00	0.11	0.06	0.12
144	FLOOR OF MOUTH	0.00	0.00	0.02	0.02	0.02
145	OTHER MOUTH	0.00	0.00	0.22	0.19	0.30
146	OROPHARYNX	0.00	0.00	0.35	0.23	0.39
147	NASOPHARYNX	0.00	0.01	0.04	0.04	0.08
148	HYPOPHARYNX	0.00	0.01	0.20	0.16	0.28
149	PHARYNX ETC	0.00	0.00	0.05	0.05	0.07
150	OESOPHAGUS	0.00	0.02	0.58	0.38	0.79
151	STOMACH	0.00	0.01	0.28	0.22	0.42
152	SMALL INTESTINE	0.00	0.00	0.02	0.01	0.02
153	COLON	0.00	0.00	0.18	0.15	0.24
154	RECTUM	0.00	0.01	0.27	0.19	0.37
155	LIVER	0.00	0.00	0.22	0.15	0.25
156	GALL BALDDER	0.00	0.01	0.17	0.11	0.25
157	PANCREAS	0.00	0.01	0.20	0.12	0.31
158	RETROPERITONEUM	0.00	0.00	0.01	0.01	0.03
159	OTHER DIS SYS	0.00	0.00	0.06	0.04	0.06
160	NASAL CAVITY	0.00	0.00	0.06	0.05	0.06
161	LARYNX	0.00	0.01	0.82	0.68	1.03
162	LUNG	0.00	0.01	1.18	0.83	1.52
163	PLEURA	0.00	0.00	0.02	0.02	0.02
164	THYMUS	0.00	0.00	0.01	0.01	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.04	0.04	0.09	0.09
171	CONNECTIVE TISS	0.01	0.02	0.10	0.09	0.15
172	SKIN MELANOMA	0.00	0.00	0.02	0.02	0.02
173	SKIN OTHER	0.00	0.00	0.11	0.06	0.21
175	BREAST MALE	0.00	0.00	0.06	0.04	0.07
185	PROSTATE	0.00	0.00	0.42	0.16	0.86
186	TESTIS	0.01	0.01	0.03	0.05	0.05
187	PENIS ETC	0.00	0.01	0.15	0.13	0.18
188	URI BLADDER	0.00	0.01	0.48	0.27	0.70
189	KIDNEY	0.01	0.01	0.13	0.12	0.19
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.02	0.04	0.26	0.26	0.34
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.01
193	THYROID GLAND	0.00	0.01	0.08	0.08	0.09
194	OTH ENDO GLANDS	0.00	0.00	0.02	0.02	0.02
195	ILL DEF SITES	0.00	0.01	0.15	0.11	0.19
196	SEC LYMPH NODES	0.00	0.00	0.00	0.00	0.00
197	SEC RES ETC	0.00	0.00	0.02	0.03	0.04
198	SEC OTHER	0.00	0.00	0.02	0.01	0.02
199	PRIM UNK	0.01	0.03	1.18	0.70	1.39
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.00	0.00
201	HODGKINS DIS	0.01	0.03	0.10	0.12	0.14
202	OTH LYMPHOMA	0.02	0.04	0.40	0.31	0.53
203	MULT MYELOMA	0.00	0.00	0.25	0.13	0.38
204	LEUK LYMPHATIC	0.06	0.03	0.09	0.15	0.20
205	LEUK MYELOID	0.02	0.04	0.17	0.20	0.24
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.02	0.01	0.06	0.07	0.11
ALL SITES		0.21	0.50	9.74	7.25	12.37

POPULATION-BASED CANCER REGISTRY DELHI

Sex : Females

Year : 1989

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.01	0.01	0.03
141	TONGUE	0.00	0.01	0.13	0.11	0.15
142	SALIVARY GLANDS	0.00	0.01	0.06	0.02	0.06
143	GUM	0.00	0.00	0.12	0.09	0.14
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.01	0.15	0.12	0.16
146	OROPHARYNX	0.00	0.00	0.12	0.05	0.12
147	NASOPHARYNX	0.00	0.00	0.01	0.01	0.04
148	HYPOPHARYNX	0.00	0.00	0.06	0.05	0.06
149	PHARYNX ETC	0.00	0.00	0.00	0.00	0.00
150	OESOPHAGUS	0.00	0.01	0.43	0.34	0.52
151	STOMACH	0.00	0.01	0.22	0.18	0.28
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.03
153	COLON	0.00	0.01	0.18	0.14	0.23
154	RECTUM	0.00	0.01	0.19	0.15	0.20
155	LIVER	0.00	0.01	0.10	0.08	0.12
156	GALL BALDDER	0.00	0.01	0.67	0.51	0.82
157	PANCREAS	0.00	0.00	0.12	0.07	0.16
158	RETROPERITONEUM	0.00	0.00	0.03	0.04	0.04
159	OTHER DIS SYS	0.00	0.00	0.04	0.02	0.05
160	NASAL CAVITY	0.00	0.00	0.02	0.03	0.04
161	LARYNX	0.00	0.00	0.20	0.14	0.25
162	LUNG	0.00	0.01	0.23	0.17	0.29
163	PLEURA	0.00	0.00	0.02	0.01	0.02
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.02	0.07	0.10	0.10
171	CONNECTIVE TISS	0.01	0.02	0.10	0.13	0.14
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.03
173	SKIN OTHER	0.00	0.01	0.14	0.10	0.20
174	BREAST FEM	0.00	0.17	2.55	2.35	3.04
179	UTERINE UNS	0.00	0.00	0.12	0.10	0.14
180	CERVIX UTERI	0.00	0.14	2.75	2.52	3.23
181	PLACENTA	0.00	0.01	0.01	0.02	0.02
182	BODY UTERUS	0.00	0.00	0.24	0.19	0.28
183	OVARY	0.01	0.05	0.82	0.76	0.94
184	VAGINA	0.00	0.01	0.14	0.12	0.19
188	URI BLADDER	0.00	0.00	0.09	0.07	0.12
189	KIDNEY	0.01	0.01	0.13	0.12	0.16
190	EYE	0.01	0.00	0.00	0.02	0.02
191	BRAIN	0.02	0.03	0.19	0.21	0.27
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.01	0.01
193	THYROID GLAND	0.00	0.03	0.17	0.14	0.28
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.01	0.13	0.09	0.18
196	SEC LYMPH NODES	0.00	0.00	0.00	0.00	0.00
197	SEC RES ETC	0.00	0.00	0.06	0.04	0.06
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.00	0.04	1.20	0.85	1.47
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.00	0.00
201	HODGKINS DIS	0.00	0.01	0.07	0.09	0.09
202	OTH LYMPHOMA	0.00	0.02	0.20	0.18	0.28
203	MULT MYELOMA	0.00	0.00	0.22	0.16	0.24
204	LEUK LYMPHATIC	0.02	0.01	0.09	0.11	0.12
205	LEUK MYELOID	0.01	0.04	0.13	0.14	0.21
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.02
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.01	0.02	0.09	0.07	0.11
ALL SITES		0.12	0.73	12.11	10.51	13.97

POPULATION-BASED CANCER REGISTRY DELHI

Sex : Males

Year : 1989

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	8	57.14	0	0.00	6	42.86	0	0.00	0	0.00	14	100.00
141	TONGUE	120	64.52	0	0.00	60	32.26	0	0.00	6	3.23	186	100.00
142	SALIVARY GLANDS	14	73.68	0	0.00	4	21.05	0	0.00	1	5.26	19	100.00
143	GUM	21	77.78	0	0.00	6	22.22	0	0.00	0	0.00	27	100.00
144	FLOOR OF MOUTH	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
145	OTHER MOUTH	54	85.71	0	0.00	8	12.70	0	0.00	1	1.59	63	100.00
146	OROPHARYNX	64	83.12	0	0.00	12	15.58	0	0.00	1	1.30	77	100.00
147	NASOPHARYNX	14	77.78	0	0.00	3	16.67	0	0.00	1	5.56	18	100.00
148	HYPOPHARYNX	37	71.15	0	0.00	15	28.85	0	0.00	0	0.00	52	100.00
149	PHARYNX ETC	8	50.00	0	0.00	1	6.25	0	0.00	7	43.75	16	100.00
150	OESOPHAGUS	88	58.28	1	0.66	51	33.77	0	0.00	11	7.28	151	100.00
151	STOMACH	37	46.84	1	1.27	31	39.24	0	0.00	10	12.66	79	100.00
152	SMALL INTESTINE	5	83.33	0	0.00	0	0.00	0	0.00	1	16.67	6	100.00
153	COLON	27	54.00	1	2.00	16	32.00	0	0.00	6	12.00	50	100.00
154	RECTUM	44	55.70	0	0.00	31	39.24	1	1.27	3	3.80	79	100.00
155	LIVER	18	33.96	1	1.89	18	33.96	0	0.00	16	30.19	53	100.00
156	GALL BLADDER	20	41.67	9	18.75	15	31.25	0	0.00	4	8.33	48	100.00
157	PANCREAS	19	33.93	17	30.36	16	28.57	0	0.00	4	7.14	56	100.00
158	RETROPERITONEUM	4	50.00	0	0.00	3	37.50	0	0.00	1	12.50	8	100.00
159	OTHER DIS SYS	8	57.14	0	0.00	3	21.43	0	0.00	3	21.43	14	100.00
160	NASAL CAVITY	11	73.33	0	0.00	4	26.67	0	0.00	0	0.00	15	100.00
161	LARYNX	134	62.91	0	0.00	70	32.86	0	0.00	9	4.23	213	100.00
162	LUNG	143	51.62	7	2.53	87	31.41	0	0.00	40	14.44	277	100.00
163	PLEURA	2	40.00	0	0.00	3	60.00	0	0.00	0	0.00	5	100.00
164	THYMUS	2	40.00	0	0.00	3	60.00	0	0.00	0	0.00	5	100.00
165	OTHER RES SYS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
170	BONE	20	35.71	0	0.00	36	64.29	0	0.00	0	0.00	56	100.00
171	CONNECTIVE TISS	22	46.81	0	0.00	25	53.19	0	0.00	0	0.00	47	100.00
172	SKIN MELANOMA	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
173	SKIN OTHER	26	81.25	0	0.00	6	18.75	0	0.00	0	0.00	32	100.00
175	BREAST MALE	10	50.00	0	0.00	8	40.00	0	0.00	2	10.00	20	100.00
185	PROSTATE	67	60.36	1	0.90	29	26.13	0	0.00	14	12.61	111	100.00
186	TESTIS	17	58.62	0	0.00	11	37.93	0	0.00	1	3.45	29	100.00
187	PENIS ETC	30	66.67	0	0.00	15	33.33	0	0.00	0	0.00	45	100.00
188	URI BLADDER	70	58.33	3	2.50	39	32.50	0	0.00	8	6.67	120	100.00
189	KIDNEY	25	52.08	1	2.08	21	43.75	0	0.00	1	2.08	48	100.00
190	EYE	6	75.00	0	0.00	2	25.00	0	0.00	0	0.00	8	100.00
191	BRAIN	61	49.59	5	4.07	50	40.65	0	0.00	7	5.69	123	100.00
192	NERVOUS SYSTEM	3	50.00	0	0.00	2	33.33	0	0.00	1	16.67	6	100.00
193	THYROID GLAND	18	69.23	0	0.00	8	30.77	0	0.00	0	0.00	26	100.00
194	OTH ENDO GLANDS	5	50.00	0	0.00	5	50.00	0	0.00	0	0.00	10	100.00
195	ILL DEF SITES	11	24.44	0	0.00	32	71.11	0	0.00	2	4.44	45	100.00
196	SEC LYMPH NODES	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
197	SEC RES ETC	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00	10	100.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00	3	100.00
199	PRIM UNK	80	29.85	1	0.37	39	14.55	0	0.00	148	55.22	268	100.00
200	LYMPHOSARCOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
201	HODGKINS DIS	59	93.65	0	0.00	2	3.17	0	0.00	2	3.17	63	100.00
202	OTH LYMPHOMA	133	89.26	0	0.00	4	2.68	0	0.00	12	8.05	149	100.00
203	MULT MYELOMA	37	72.55	4	7.84	4	7.84	0	0.00	6	11.76	51	100.00
204	LEUK LYMPHATIC	91	91.92	0	0.00	2	2.02	0	0.00	6	6.06	99	100.00
205	LEUK MYELOID	77	85.56	0	0.00	1	1.11	0	0.00	12	13.33	90	100.00
206	LEUK MONOCYTIC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	23	50.00	0	0.00	0	0.00	0	0.00	23	50.00	46	100.00
ALL SITES TOTALS		1809		52		807		1		383		3052	
%		59.27		1.70		26.44		0.03		12.55		100.00	

POPULATION-BASED CANCER REGISTRY DELHI

Sex : Females

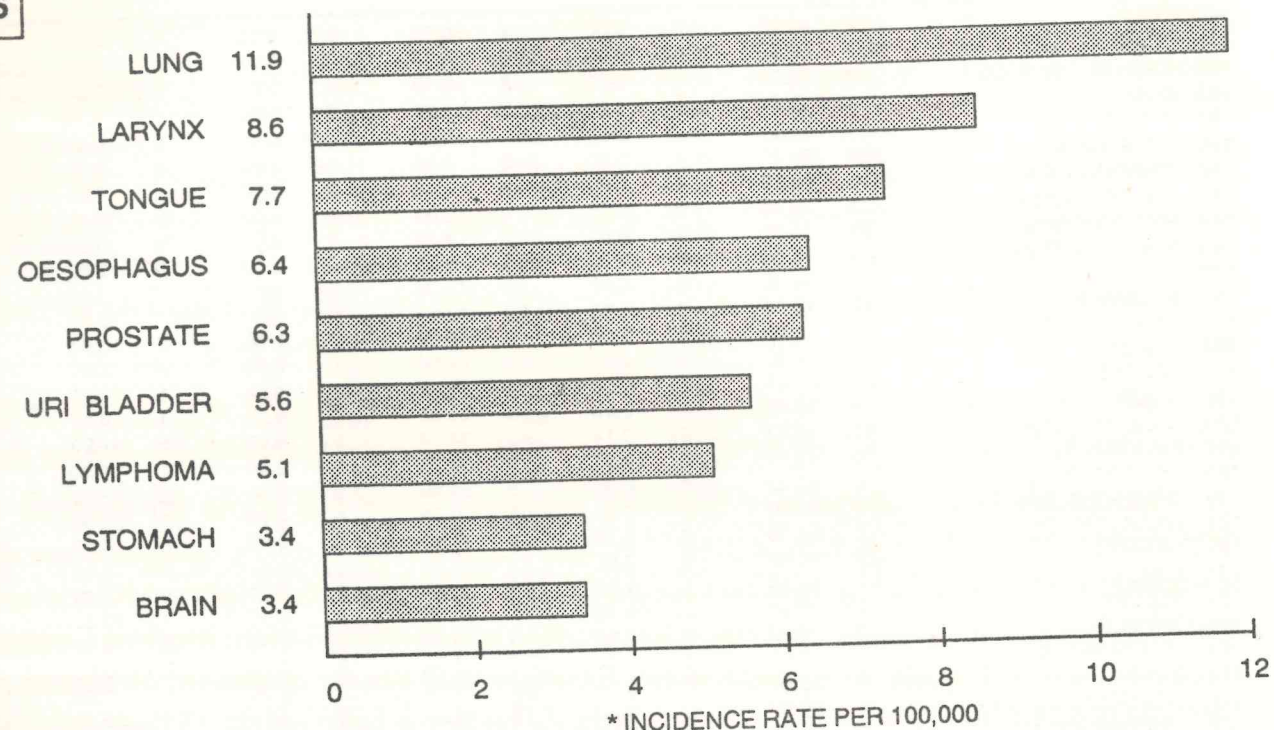
Year : 1989

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

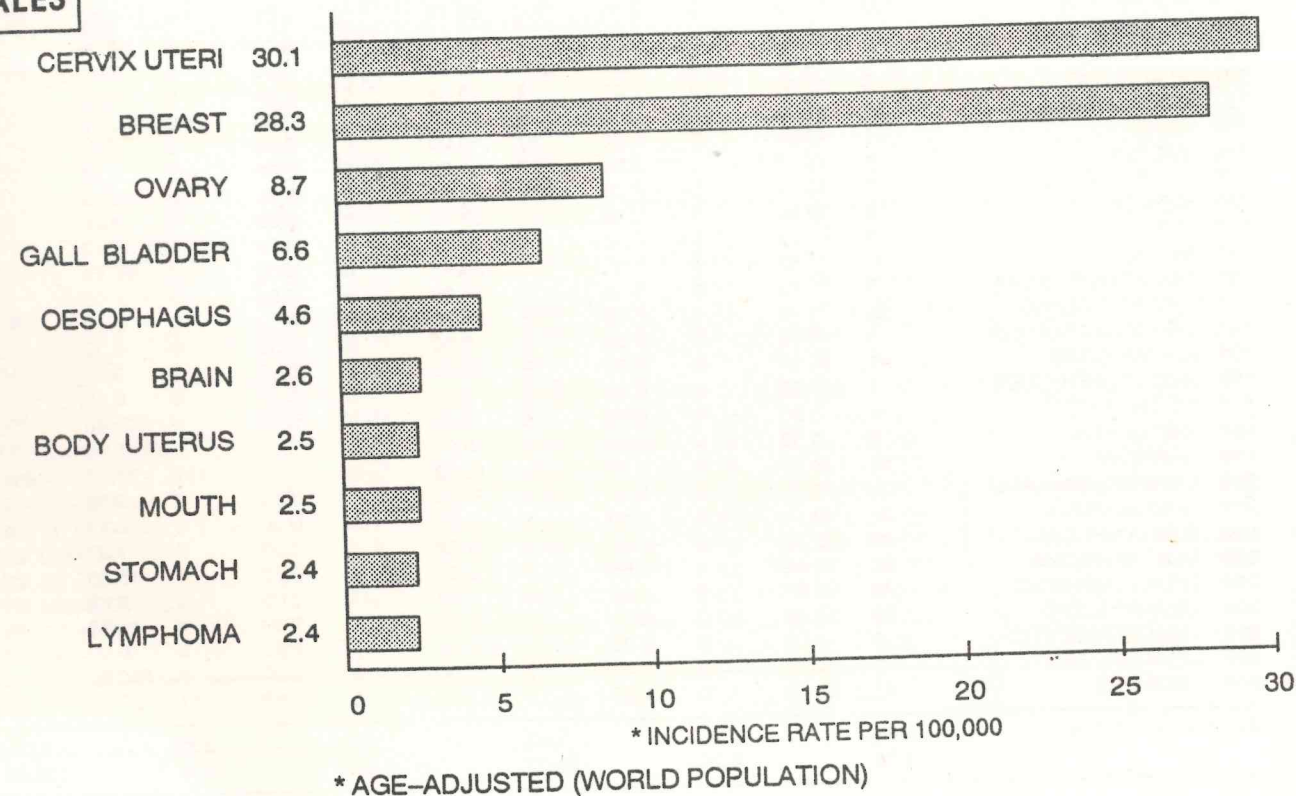
ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	2	40.00	0	0.00	3	60.00	0	0.00	0	0.00	5	100.00
141	TONGUE	17	58.62	0	0.00	10	34.48	0	0.00	2	6.90	29	100.00
142	SALIVARY GLANDS	8	80.00	0	0.00	2	20.00	0	0.00	0	0.00	10	100.00
143	GUM	14	63.64	0	0.00	7	31.82	0	0.00	1	4.55	22	100.00
144	FLOOR OF MOUTH	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
145	OTHER MOUTH	28	100.00	0	0.00	0	0.00	0	0.00	0	0.00	28	100.00
146	OROPHARYNX	16	88.89	0	0.00	1	5.56	0	0.00	1	5.56	18	100.00
147	NASOPHARYNX	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
148	HYPOPHARYNX	11	84.62	0	0.00	2	15.38	0	0.00	0	0.00	13	100.00
149	PHARYNX ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
150	OESOPHAGUS	50	54.35	0	0.00	39	42.39	0	0.00	3	3.26	92	100.00
151	STOMACH	22	43.14	0	0.00	22	43.14	0	0.00	7	13.73	51	100.00
152	SMALL INTESTINE	3	60.00	0	0.00	2	40.00	0	0.00	0	0.00	5	100.00
153	COLON	25	62.50	1	2.50	11	27.50	1	2.50	2	5.00	40	100.00
154	RECTUM	29	65.91	0	0.00	14	31.82	0	0.00	1	2.27	44	100.00
155	LIVER	4	16.67	0	0.00	16	66.67	0	0.00	4	16.67	24	100.00
156	GALL BALDDER	59	46.83	9	7.14	43	34.13	0	0.00	15	11.90	126	100.00
157	PANCREAS	10	43.48	4	17.39	8	34.78	0	0.00	1	4.35	23	100.00
158	RETROPERITONEUM	2	22.22	0	0.00	5	55.56	0	0.00	2	22.22	9	100.00
159	OTHER DIS SYS	3	60.00	0	0.00	1	20.00	0	0.00	1	20.00	5	100.00
160	NASAL CAVITY	6	54.55	0	0.00	5	45.45	0	0.00	0	0.00	11	100.00
161	LARYNX	22	66.67	0	0.00	11	33.33	0	0.00	0	0.00	33	100.00
162	LUNG	22	51.16	1	2.33	15	34.88	0	0.00	5	11.63	43	100.00
163	PLEURA	1	33.33	0	0.00	1	33.33	0	0.00	1	33.33	3	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	9	23.68	0	0.00	28	73.68	0	0.00	1	2.63	38	100.00
171	CONNECTIVE TISS	28	59.57	0	0.00	18	38.30	0	0.00	1	2.13	47	100.00
172	SKIN MELANOMA	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
173	SKIN OTHER	20	60.61	0	0.00	13	39.39	0	0.00	0	0.00	33	100.00
174	BREAST FEM	439	67.23	0	0.00	188	28.79	0	0.00	26	3.98	653	100.00
179	UTERINE UNS	9	36.00	0	0.00	11	44.00	0	0.00	5	20.00	25	100.00
180	CERVIX UTERI	479	68.62	0	0.00	211	30.23	0	0.00	8	1.15	698	100.00
181	PLACENTA	5	55.56	0	0.00	4	44.44	0	0.00	0	0.00	9	100.00
182	BODY UTERUS	30	61.22	0	0.00	19	38.78	0	0.00	0	0.00	49	100.00
183	OVARY	91	46.91	0	0.00	97	50.00	0	0.00	6	3.09	194	100.00
184	VAGINA	14	43.75	0	0.00	18	56.25	0	0.00	0	0.00	32	100.00
188	URI BLADDER	8	42.11	0	0.00	8	42.11	0	0.00	3	15.79	19	100.00
189	KIDNEY	19	59.38	1	3.13	12	37.50	0	0.00	0	0.00	32	100.00
190	EYE	9	64.29	0	0.00	4	28.57	0	0.00	1	7.14	14	100.00
191	BRAIN	37	53.62	4	5.80	21	30.43	0	0.00	7	10.14	69	100.00
192	NERVOUS SYSTEM	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
193	THYROID GLAND	38	71.70	0	0.00	15	28.30	0	0.00	0	0.00	53	100.00
194	OTH ENDO GLANDS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
195	ILL DEF SITES	11	36.67	0	0.00	18	60.00	0	0.00	1	3.33	30	100.00
196	SEC LYMPH NODES	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
197	SEC RES ETC	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00	9	100.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	58	24.17	3	1.25	32	13.33	0	0.00	147	61.25	240	100.00
200	LYMPHOSARCOMA	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
201	HODGKINS DIS	27	93.10	0	0.00	1	3.45	0	0.00	1	3.45	29	100.00
202	OTH LYMPHOMA	49	89.09	1	1.82	1	1.82	0	0.00	4	7.27	55	100.00
203	MULT MYELOMA	31	79.49	1	2.56	1	2.56	0	0.00	6	15.38	39	100.00
204	LEUK LYMPHATIC	40	90.91	0	0.00	1	2.27	0	0.00	3	6.82	44	100.00
205	LEUK MYELOID	49	84.48	0	0.00	1	1.72	0	0.00	8	13.79	58	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
208	LEUK UNS	17	58.62	0	0.00	1	3.45	0	0.00	11	37.93	29	100.00
ALL SITES TOTALS		1885		25		947		1		295		3153	
%		59.78		0.79		30.03		0.03		9.36		100.00	

DELHI - 1989 MOST COMMON FORMS OF CANCERS

MALES



FEMALES



BHOPAL

A special population-based cancer registry was established at Department of Pathology, Gandhi Medical College, Bhopal in the aftermath of the gas tragedy in December 1984 by the Indian Council of Medical Research with full financial support. Long term objective of this special registry is to study the Methly Iso-cyanate gas exposed population of Bhopal for possible carcinogenic effects. The regular compilation of data could begin in January 1, 1986.

Bhopal, capital city of Madhya Pradesh, is 505 meters above sea level. It is situated between latitudes 23.07° N and longitude 77.12° E. It has an area of 284.9 square kilometers. The climate is moderate in all the seasons. The lowest temperature 5°C reaches in the month of February while maximum temperature goes upto 46°C during April-May. The average rain fall recorded is about 1213 mm. The residents receive water supply mostly from the lake.

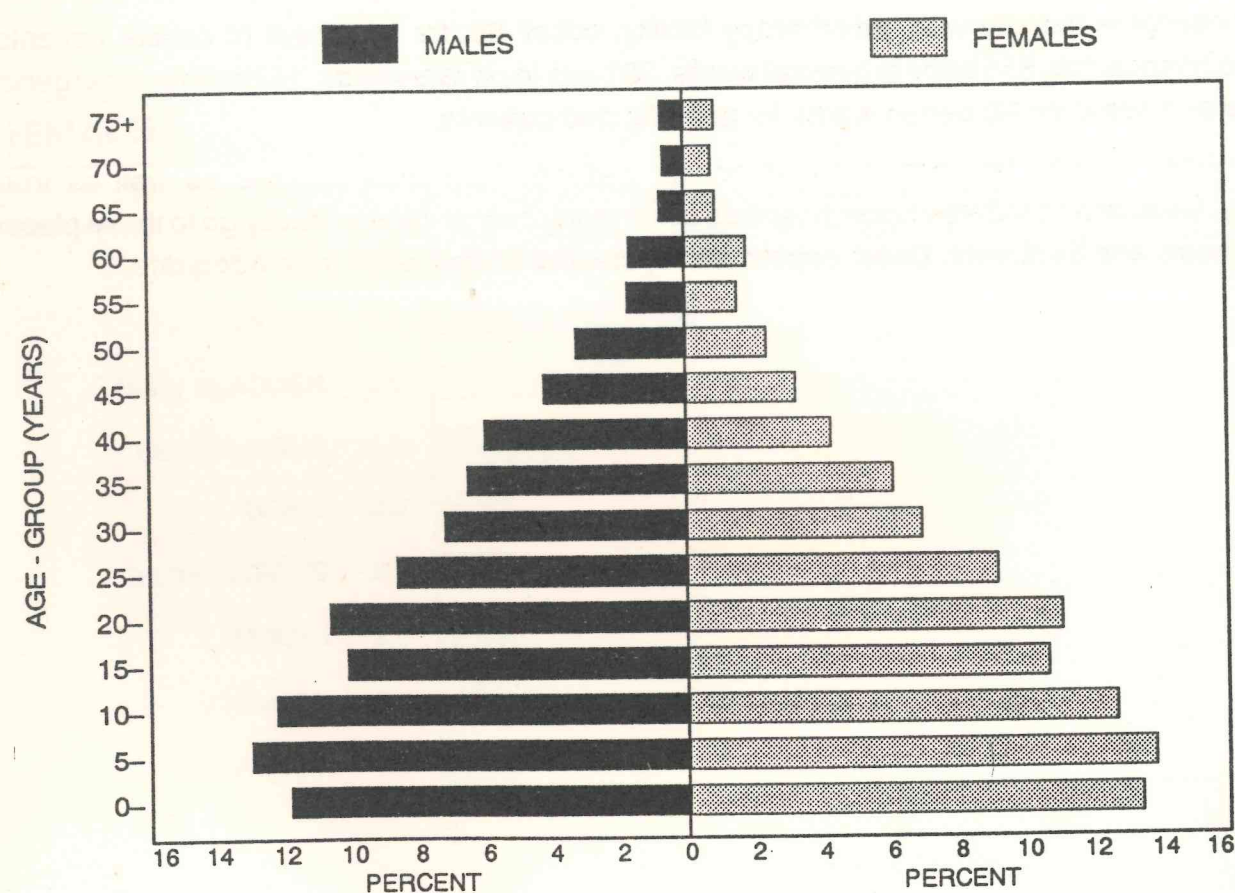
Estimated population of Bhopal registry areas, as on July 1 1989, is 0.98 millions (males : 0.52 millions, females : 0.46 millions). Approximately 57% of the residents are literate in Bhopal.

Gandhi Medical College is a teaching institute. There are about 63 medical centres, dispensaries and primary health centres. Five ayurved & 24 homeopathy hospitals / dispensaries are also there. Histopathology facilities are available at Gandhi Medical College, Kasturba hospital and with five private laboratories. Hamidia hospital, attached to Gandhi Medical College, is the major hospital in the city with radiotherapy facility, cobalt-60, for treatment of cancer patients. Hamidia hospital has 855 beds in general wards, 28 beds in private wards, 15 beds for emergency patients and separate 60 bedded wards for gas affected patients.

Registry collects information on all cancer patients from local sources as well as from Bombay, Gwalior and Indore cancer hospitals since many cancer cases directly go to these places for diagnosis and treatment. Death registration system in Bhopal is far from adequate.

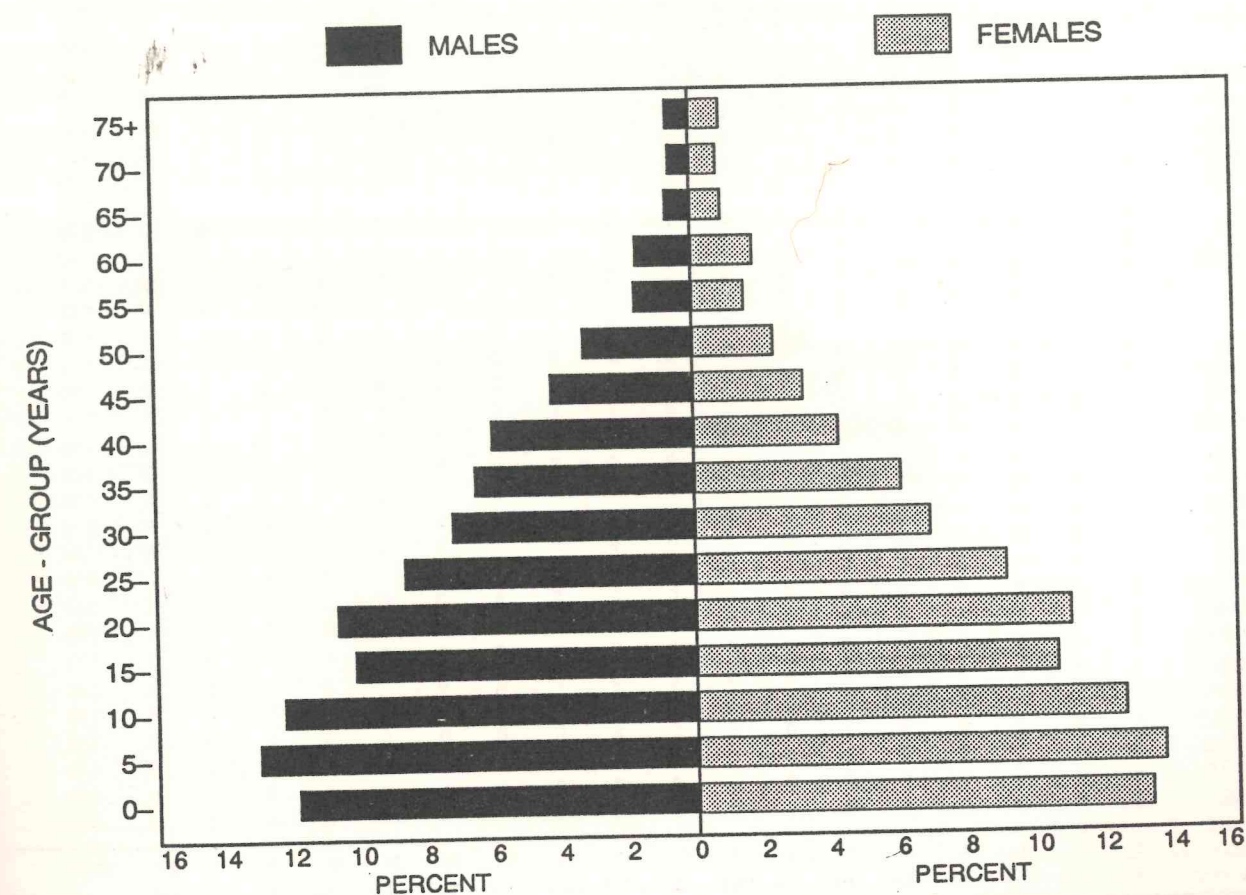
ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1988 IN BHOPAL
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	59272.0	11.89	59455.0	13.44	118727.0	12.62
5-9	64892.0	13.02	61224.0	13.84	126116.0	13.41
10-14	61350.0	12.31	56271.0	12.72	117621.0	12.50
15-19	50855.0	10.20	47443.0	10.73	98298.0	10.45
20-24	53339.0	10.70	48926.0	11.06	102265.0	10.87
25-29	43269.0	8.68	40846.0	9.23	84115.0	8.94
30-34	36142.0	7.25	30719.0	6.95	66861.0	7.11
35-39	32633.0	6.55	26944.0	6.09	59577.0	6.33
40-44	30169.0	6.05	18866.0	4.27	49035.0	5.21
45-49	21313.0	4.28	14349.0	3.24	35662.0	3.79
50-54	16548.0	3.32	10678.0	2.41	27226.0	2.89
55-59	8910.0	1.79	6942.0	1.57	15852.0	1.69
60-64	8462.0	1.70	8031.0	1.82	16493.0	1.75
65-69	4149.0	0.83	4084.0	0.92	8233.0	0.88
70-74	3431.0	0.69	3534.0	0.80	6965.0	0.74
75 +	3651.0	0.73	3987.0	0.90	7638.0	0.81
TOTAL	498385.0	100.00	442299.0	100.00	940684.0	100.00



ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1989 IN BHOPAL
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	61986.0	11.89	62350.0	13.44	124336.0	12.62
5-9	67864.0	13.02	64205.0	13.84	132069.0	13.41
10-14	64159.0	12.31	59011.0	12.72	123170.0	12.50
15-19	53183.0	10.20	49753.0	10.73	102936.0	10.45
20-24	55781.0	10.70	51308.0	11.06	107089.0	10.87
25-29	45250.0	8.68	42835.0	9.23	88085.0	8.94
30-34	37797.0	7.25	32214.0	6.95	70011.0	7.11
35-39	34127.0	6.55	28256.0	6.09	62383.0	6.33
40-44	31550.0	6.05	19784.0	4.27	51334.0	5.21
45-49	22289.0	4.28	15048.0	3.24	37337.0	3.79
50-54	17306.0	3.32	11198.0	2.41	28504.0	2.89
55-59	9318.0	1.79	7280.0	1.57	16598.0	1.69
60-64	8849.0	1.70	8422.0	1.82	17271.0	1.75
65-69	4339.0	0.83	4283.0	0.92	8622.0	0.88
70-74	3588.0	0.69	3706.0	0.80	7294.0	0.74
75 +	3818.0	0.73	4182.0	0.90	8000.0	0.81
TOTAL	521204.0	100.00	463835.0	100.00	985039.0	100.00



NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD-9	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140	LIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
141	TONGUE	0	0	0	0	0	0	0	0	2	2	6	5	3	1	2	1	0	22	8.70
142	SALIVARY G	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.40
143	GUM	0	0	0	0	0	0	1	0	0	0	2	0	0	0	0	1	0	4	1.58
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.40
145	OTHER MOUT	0	0	0	0	0	1	0	1	2	1	3	2	1	4	1	1	0	17	6.72
146	OROPHARYNX	0	0	0	0	0	0	0	0	2	2	3	2	3	0	1	1	0	14	5.53
147	NASOPHARYN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.40
148	HYPOPHARYN	0	0	0	0	0	0	0	0	0	3	3	1	2	2	1	1	0	13	5.14
149	PHARYNX ET	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.40
150	OESOPHAGUS	0	0	0	0	0	0	1	1	0	2	4	2	2	0	2	1	0	15	5.93
151	STOMACH	0	0	0	0	0	0	0	2	0	0	2	2	2	1	2	1	0	12	4.74
152	SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153	COLON	0	0	0	0	0	0	0	1	0	1	1	0	1	0	1	0	0	5	1.98
154	RECTUM	1	0	0	0	0	1	0	0	0	1	1	0	2	0	0	0	0	6	2.37
155	LIVER	0	0	0	0	0	0	0	0	1	2	0	0	1	1	1	2	0	8	3.16
156	GALL BLADD	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.40
157	PANCREAS	0	0	0	0	0	0	0	0	0	1	1	1	0	2	1	2	0	8	3.16
158	RETROPERIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
159	OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
161	LARYNX	0	0	0	0	0	0	0	0	2	4	2	5	1	1	0	0	0	15	5.93
162	LUNG	0	0	0	0	0	0	0	1	0	4	5	5	6	3	1	1	0	26	10.28
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
164	THYMUS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.40
165	OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	1	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	5	1.98
171	CONNECTIVE	0	1	0	0	0	1	0	0	0	0	2	0	1	0	0	0	0	5	1.98
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173	SKIN OTHER	0	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0	0	7	2.77
175	BREAST MAL	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.40
185	PROSTATE	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	0	0	4	1.58
186	TESTIS	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	0.79
187	PENIS ETC	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.40
188	URI BLADDE	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3	1.19
189	KIDNEY	0	0	0	0	0	0	0	0	0	1	0	0	1	2	0	0	0	4	1.58
190	EYE	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	4	1.58
191	BRAIN	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	3	1.19
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GL	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2	0.79
194	OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	ILL DEF SI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
196	SEC LYMPH	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	3	1.19
197	SEC RES ET	0	0	0	0	0	0	0	0	1	0	1	2	2	1	1	0	0	8	3.16
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199	PRIM UNK	0	0	0	0	0	0	1	1	0	0	3	0	1	1	0	1	0	8	3.16
200	LYMPHOSARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
201	HODGKINS D	0	0	1	1	0	0	0	0	0	1	0	0	2	0	0	0	0	5	1.98
202	OTH LYMPHO	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	0	3	1.19
203	MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.40
204	LEUK LYMPH	2	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4	1.58
205	LEUK MYELO	1	0	0	2	2	1	0	0	0	2	0	0	0	0	0	0	0	8	3.16
206	LEUK MONOC	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.40
207	LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	LEUK UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL		5	5	4	4	6	6	4	7	13	32	44	31	38	24	15	15	0	253	100.00
%		2.0	2.0	1.6	1.6	2.4	2.4	1.6	2.8	5.1	12.6	17.4	12.3	15.0	9.5	5.9	5.9	0.0	100.0	

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Females

Year : 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD-9), AND PERCENTAGES

ICD-9 SITE		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140	LIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
141	TONGUE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.43
142	SALIVARY G	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3	1.29
143	GUM	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0.00
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	7	3.00
145	OTHER MOUT	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	4	1.72
146	OROPHARYNX	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	0	0.00
147	NASOPHARYN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
148	HYPOPHARYN	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.43
149	PHARYNX ET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
150	OESOPHAGUS	0	0	0	0	0	1	1	1	3	2	1	4	3	1	1	0	0	18	7.73
151	STOMACH	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	3	1.29
152	SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153	COLON	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	3	1.29
154	RECTUM	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.43
155	LIVER	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	1.29
156	GALL BLADD	0	0	0	0	0	0	0	0	0	2	1	2	1	0	1	2	0	9	3.86
157	PANCREAS	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	4	1.72
158	RETROPERIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
159	OTHER DIS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.43
160	NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.00
161	LARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
162	LUNG	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	3	1.29
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
164	THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165	OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.86
170	BONE	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	3	1.29
171	CONNECTIVE	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173	SKIN OTHER	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	2	0	6	2.58
174	BREAST FEM	0	0	0	0	0	1	5	2	11	10	6	7	2	2	2	1	0	49	21.03
179	UTERINE UN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.43
180	CERVIX UTE	0	0	0	0	1	2	5	5	8	9	8	6	8	3	2	1	0	58	24.89
181	PLACENTA	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	1.29
182	BODY UTERU	0	0	0	0	0	0	1	0	1	1	2	1	0	1	0	0	0	7	3.00
183	OVARY	0	0	0	1	0	0	0	1	2	1	1	0	3	0	0	1	0	10	4.29
184	VAGINA	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.43
188	URI BLADDE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.43
189	KIDNEY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
190	EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
191	BRAIN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.43
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GL	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0.43
194	OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	ILL DEF SI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
196	SEC LYMPH	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.43
197	SEC RES ET	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	3	1.29
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	0.86
199	PRIM UNK	0	0	0	0	0	0	0	1	1	2	1	0	0	0	1	1	0	7	3.00
200	LYMPHOSARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
201	HODGKINS D	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0.86
202	OTH LYMPHO	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	3	1.29
203	MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0.86
204	LEUK LYMPH	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.86
205	LEUK MYELO	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	3	1.29
206	LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	LEUK UNS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.43
TOTAL		3	3	2	3	2	8	16	12	31	35	26	28	24	14	15	11	0	233	100.00
%		1.3	1.3	0.9	1.3	0.9	3.4	6.9	5.2	13.3	15.0	11.2	12.0	10.3	6.0	6.4	4.7	0.0	100.0	

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Males

Year : 1988

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	9.4	36.3	56.1	35.5	24.1	58.3	27.4	4.4	8.9	20.8
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.9
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	12.1	0.0	0.0	0.0	0.0	27.4	0.8	1.3	1.9
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.0
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	2.3	0.0	3.1	6.6	4.7	18.1	22.4	11.8	96.4	29.1	27.4	3.4	7.3	10.1
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	9.4	18.1	22.4	35.5	0.0	29.1	27.4	2.8	5.3	13.5
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.1	18.1	11.2	23.6	48.2	29.1	27.4	2.6	5.7	10.1	
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.2	0.5	1.5
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.1	0.0	9.4	24.2	22.4	23.6	0.0	58.3	27.4	3.0	5.7	12.3
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	12.1	22.4	23.6	24.1	58.3	27.4	2.4	5.3	9.1
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	4.7	6.0	0.0	11.8	0.0	29.1	0.0	1.0	1.8	4.0
154 RECTUM	1.7	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	4.7	6.0	0.0	23.6	0.0	0.0	0.0	1.2	1.9	4.9
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	9.4	0.0	0.0	11.8	24.1	29.1	54.8	1.6	3.6	4.0
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.0
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	6.0	11.2	0.0	48.2	29.1	54.8	1.6	4.2	3.3
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	18.8	12.1	56.1	11.8	24.1	0.0	0.0	3.0	5.6	15.6
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	18.8	30.2	56.1	70.9	72.3	29.1	27.4	5.2	11.2	25.5
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164 THYMUS	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	1.5	3.3	0.0	1.9	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0
171 CONNECTI	0.0	1.5	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	12.1	0.0	11.8	0.0	0.0	0.0	1.0	1.4	3.5
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	4.7	6.0	11.2	11.8	24.1	29.1	0.0	1.4	3.0	4.9
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.2	23.6	24.1	0.0	0.0	0.8	2.1	4.5
186 TESTIS	0.0	0.0	0.0	0.0	1.9	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.8	0.0	0.0	0.0	0.2	0.5	1.5
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	22.4	0.0	24.1	0.0	0.0	0.6	1.6	2.9
189 KIDNEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	11.8	48.2	0.0	0.0	0.0	0.8	2.2	2.4
190 EYE	1.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	27.4	0.8	1.2	1.0
191 BRAIN	0.0	1.5	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	0.0	0.0	0.6	1.0	0.0
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	27.4	0.4	0.8	0.9
194 OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	23.6	0.0	0.0	0.0	0.0	0.6	1.2	4.0
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	6.0	22.4	23.6	24.1	29.1	0.0	1.6	3.7	7.6
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	2.8	3.1	0.0	0.0	18.1	0.0	11.8	24.1	0.0	27.4	1.6	3.0	5.0
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201 HODGKINS	0.0	0.0	1.6	2.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	23.6	0.0	0.0	0.0	0.0	1.0	1.6	4.0
202 OTH LYMP	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	1.3
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.1	0.0	0.0	0.2	0.7	0.0
204 LEUK LYM	3.4	1.5	0.0	0.0	0.0	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.9
205 LEUK MYE	1.7	0.0	0.0	3.9	3.7	2.3	0.0	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.6	1.8
206 LEUK MON	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	8.4	7.7	6.5	7.9	11.2	13.9	11.1	21.5	43.1	150.1	265.9	347.9	449.1	578.5	437.2	410.8	50.8	98.1	187.3

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Females

Year : 1988

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.2	0.5	1.6
143 GUM	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	12.5	0.0	0.0	0.0	0.7	1.2	3.1
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	0.0	9.4	14.4	12.5	24.5	28.3	25.1	1.6	3.6	5.7
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	14.4	0.0	0.0	56.6	0.0	0.9	2.1	3.2
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	0.0	0.0	0.2	0.7	0.0
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	2.4	3.3	3.7	15.9	13.9	9.4	57.6	37.4	24.5	28.3	0.0	4.1	8.0	20.3
151 STOMACH	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	9.4	0.0	0.0	24.5	0.0	0.0	0.7	1.4	1.5
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	24.5	0.0	25.1	0.7	1.7	1.3
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.2	0.6	1.9
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	9.4	14.4	0.0	0.0	0.0	0.0	0.7	1.5	4.7
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.9	9.4	28.8	12.5	0.0	28.3	50.2	2.0	4.5	9.5
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	12.5	0.0	56.6	0.0	0.9	2.0	3.0
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159 OTHER DI	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	0.0	0.0	0.2	0.7	0.0
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	0.0	7.0	0.0	0.0	0.0	0.0	0.0	25.1	0.7	1.1	2.1
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.0	0.0	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	0.0	0.0	0.5	0.9	0.0
171 CONNECTI	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	5.3	0.0	9.4	0.0	0.0	0.0	0.0	0.0	0.7	0.9	2.5
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	14.4	12.5	0.0	28.3	50.2	1.4	3.1	4.8
174 BREAST F	0.0	0.0	0.0	0.0	0.0	2.4	16.3	7.4	58.3	69.7	56.2	100.8	24.9	49.0	56.6	25.1	11.1	20.2	51.5
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.0
180 CERVIX U	0.0	0.0	0.0	0.0	2.0	4.9	16.3	18.6	42.4	62.7	74.9	86.4	99.6	73.5	56.6	25.1	13.1	24.0	60.0
181 PLACENTA	0.0	0.0	0.0	0.0	0.0	4.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.0
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	3.3	0.0	5.3	7.0	18.7	14.4	0.0	24.5	0.0	0.0	1.6	3.2	7.3
183 OVARY	0.0	0.0	0.0	2.1	0.0	0.0	0.0	3.7	10.6	7.0	9.4	0.0	37.4	0.0	0.0	25.1	2.3	3.9	10.4
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.0
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.3
189 KIDNEY	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190 EYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191 BRAIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	0.0	0.0	0.0	0.2	0.5	1.6
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.0
194 OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.2	0.6	1.9
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	0.0	14.4	12.5	0.0	0.0	0.0	0.7	1.5	4.8
198 SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.4	0.0	0.0	0.0	28.3	0.0	0.5	1.0	1.5
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.7	5.3	13.9	9.4	0.0	0.0	0.0	28.3	25.1	1.6	2.9	6.0
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201 HODGKINS	0.0	1.6	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0
202 OTH LYMP	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	5.3	0.0	0.0	14.4	0.0	0.0	0.0	0.0	0.7	1.1	2.9
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	28.3	0.0	0.5	1.3	0.0
204 LEUK LYM	0.0	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.3	0.0
205 LEUK MYE	0.0	0.0	0.0	0.0	0.0	2.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.0
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
TOTAL	5.0	4.9	3.6	6.3	4.1	19.6	52.1	44.5	164.3	243.9	243.5	403.3	298.8	342.8	424.4	275.9	52.7	98.7	217.5

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Males

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.00	0.00	0.00
141	TONGUE	0.00	0.00	0.84	0.72	1.12
142	SALIVARY GLANDS	0.00	0.00	0.02	0.02	0.02
143	GUM	0.00	0.01	0.06	0.07	0.07
144	FLOOR OF MOUTH	0.00	0.00	0.03	0.03	0.03
145	OTHER MOUTH	0.00	0.01	0.81	0.34	0.97
146	OROPHARYNX	0.00	0.00	0.46	0.46	0.60
147	NASOPHARYNX	0.00	0.00	0.03	0.03	0.03
148	HYPOPHARYNX	0.00	0.00	0.57	0.33	0.72
149	PHARYNX ETC	0.00	0.00	0.06	0.06	0.06
150	OESOPHAGUS	0.00	0.01	0.41	0.43	0.72
151	STOMACH	0.00	0.00	0.44	0.32	0.73
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.13	0.13	0.27
154	RECTUM	0.01	0.01	0.17	0.19	0.19
155	LIVER	0.00	0.00	0.24	0.12	0.39
156	GALL BLADDER	0.00	0.00	0.03	0.03	0.03
157	PANCREAS	0.00	0.00	0.35	0.11	0.50
158	RETROPERITONEUM	0.00	0.00	0.00	0.00	0.00
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.00	0.00	0.00
161	LARYNX	0.00	0.00	0.65	0.53	0.65
162	LUNG	0.00	0.00	1.25	0.89	1.39
163	PLEURA	0.00	0.00	0.00	0.00	0.00
164	THYMUS	0.00	0.01	0.00	0.01	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.02	0.02	0.00	0.05	0.05
171	CONNECTIVE TISS	0.01	0.01	0.12	0.14	0.14
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.01	0.29	0.18	0.45
175	BREAST MALE	0.00	0.00	0.02	0.02	0.02
185	PROSTATE	0.00	0.00	0.29	0.17	0.29
186	TESTIS	0.00	0.02	0.00	0.02	0.02
187	PENIS ETC	0.00	0.00	0.06	0.06	0.06
188	URI BLADDER	0.00	0.00	0.23	0.11	0.23
189	KIDNEY	0.00	0.00	0.32	0.08	0.32
190	EYE	0.02	0.00	0.03	0.05	0.05
191	BRAIN	0.01	0.01	0.12	0.02	0.14
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.00	0.02	0.02	0.02
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.00	0.00	0.00
196	SEC LYMPH NODES	0.00	0.00	0.14	0.14	0.14
197	SEC RES ETC	0.00	0.00	0.40	0.28	0.54
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.00	0.01	0.29	0.18	0.30
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.00	0.00
201	HODGKINS DIS	0.01	0.01	0.14	0.16	0.16
202	OTH LYMPHOMA	0.00	0.01	0.03	0.04	0.04
203	MULT MYELOMA	0.00	0.00	0.12	0.00	0.12
204	LEUK LYMPHATIC	0.02	0.00	0.02	0.05	0.05
205	LEUK MYELOID	0.01	0.05	0.05	0.11	0.11
206	LEUK MONOCYTIC	0.01	0.00	0.00	0.01	0.01
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.00	0.00	0.00
ALL SITES		0.11	0.22	8.86	6.50	10.83

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Females

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.00	0.00	0.00
141	TONGUE	0.00	0.02	0.00	0.02	0.02
142	SALIVARY GLANDS	0.00	0.00	0.06	0.06	0.06
143	GUM	0.00	0.01	0.11	0.12	0.12
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.32	0.20	0.46
146	OROPHARYNX	0.00	0.00	0.11	0.11	0.39
147	NASOPHARYNX	0.00	0.00	0.00	0.00	0.00
148	HYPOPHARYNX	0.00	0.00	0.12	0.00	0.12
149	PHARYNX ETC	0.00	0.00	0.00	0.00	0.00
150	OESOPHAGUS	0.00	0.03	0.81	0.72	0.98
151	STOMACH	0.00	0.01	0.17	0.06	0.18
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.16	0.03	0.16
154	RECTUM	0.00	0.00	0.07	0.07	0.07
155	LIVER	0.00	0.00	0.15	0.15	0.15
156	GALL BLADDER	0.00	0.00	0.32	0.32	0.46
157	PANCREAS	0.00	0.00	0.10	0.10	0.38
158	RETROPERITONEUM	0.00	0.00	0.00	0.00	0.00
159	OTHER DIS SYS	0.01	0.00	0.00	0.01	0.01
160	NASAL CAVITY	0.00	0.00	0.12	0.00	0.12
161	LARYNX	0.00	0.00	0.00	0.00	0.00
162	LUNG	0.00	0.00	0.05	0.05	0.05
163	PLEURA	0.00	0.00	0.00	0.00	0.00
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.01	0.12	0.01	0.13
171	CONNECTIVE TISS	0.01	0.00	0.07	0.08	0.08
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.00	0.17	0.17	0.31
174	BREAST FEM	0.00	0.09	1.81	1.67	2.18
179	UTERINE UNS	0.00	0.00	0.03	0.03	0.03
180	CERVIX UTERI	0.00	0.12	2.26	2.02	2.65
181	PLACENTA	0.00	0.04	0.00	0.04	0.04
182	BODY UTERUS	0.00	0.02	0.35	0.24	0.37
183	OVARY	0.00	0.01	0.34	0.35	0.35
184	VAGINA	0.00	0.00	0.03	0.03	0.03
188	URI BLADDER	0.00	0.00	0.03	0.03	0.03
189	KIDNEY	0.01	0.00	0.00	0.01	0.01
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.00	0.00	0.06	0.06	0.06
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.00	0.03	0.03	0.03
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.00	0.00	0.00
196	SEC LYMPH NODES	0.00	0.00	0.07	0.07	0.07
197	SEC RES ETC	0.00	0.00	0.17	0.17	0.17
198	SEC OTHER	0.00	0.00	0.05	0.05	0.19
199	PRIM UNK	0.00	0.00	0.16	0.16	0.30
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.00	0.00
201	HODGKINS DIS	0.01	0.01	0.00	0.02	0.02
202	OTH LYMPHOMA	0.01	0.00	0.10	0.11	0.11
203	MULT MYELOMA	0.00	0.00	0.12	0.00	0.26
204	LEUK LYMPHATIC	0.02	0.00	0.00	0.02	0.02
205	LEUK MYELOID	0.00	0.04	0.00	0.04	0.04
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.01	0.00	0.00	0.01	0.01
ALL SITES		0.07	0.41	8.34	7.20	10.26

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Males

Year : 1988

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	18	81.82	0	0.00	4	18.18	0	0.00	0	0.00	22	100.00
142	SALIVARY GLANDS	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
143	GUM	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
145	OTHER MOUTH	10	58.82	0	0.00	7	41.18	0	0.00	0	0.00	17	100.00
146	OROPHARYNX	8	57.14	0	0.00	6	42.86	0	0.00	0	0.00	14	100.00
147	NASOPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
148	HYPOPHARYNX	12	92.31	0	0.00	1	7.69	0	0.00	0	0.00	13	100.00
149	PHARYNX ETC	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
150	OESOPHAGUS	8	53.33	3	20.00	2	13.33	1	6.67	1	6.67	15	100.00
151	STOMACH	9	75.00	0	0.00	2	16.67	1	8.33	0	0.00	12	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	3	60.00	0	0.00	0	0.00	0	0.00	2	40.00	5	100.00
154	RECTUM	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
155	LIVER	7	87.50	1	12.50	0	0.00	0	0.00	0	0.00	8	100.00
156	GALL BLADDER	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
157	PANCREAS	0	0.00	7	87.50	0	0.00	1	12.50	0	0.00	8	100.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
161	LARYNX	9	60.00	3	20.00	3	20.00	0	0.00	0	0.00	15	100.00
162	LUNG	11	42.31	11	42.31	2	7.69	0	0.00	2	7.69	26	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
171	CONNECTIVE TISS	4	80.00	0	0.00	0	0.00	0	0.00	1	20.00	5	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
175	BREAST MALE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
185	PROSTATE	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
186	TESTIS	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
187	PENIS ETC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
188	URI BLADDER	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
189	KIDNEY	3	75.00	1	25.00	0	0.00	0	0.00	0	0.00	4	100.00
190	EYE	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
191	BRAIN	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
196	SEC LYMPH NODES	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
197	SEC RES ETC	1	12.50	1	12.50	4	50.00	1	12.50	1	12.50	8	100.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00	8	100.00
200	LYMPHOSARCOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
201	HODGKINS DIS	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
202	OTH LYMPHOMA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
203	MULT MYELOMA	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
204	LEUK LYMPHATIC	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
205	LEUK MYELOID	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
206	LEUK MONOCYTIC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ALL SITES TOTALS		168		28		38		4		15		253	
%		66.40		11.07		15.02		1.58		5.93		100.00	

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Females

Year : 1988

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
142	SALIVARY GLANDS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
143	GUM	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
146	OROPHARYNX	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
147	NASOPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
148	HYPOPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
149	PHARYNX ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
150	OESOPHAGUS	8	44.44	1	5.56	4	22.22	4	22.22	1	5.56	18	100.00
151	STOMACH	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	2	66.67	1	33.33	0	0.00	0	0.00	0	0.00	3	100.00
154	RECTUM	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
155	LIVER	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
156	GALL BLADDER	4	44.44	5	55.56	0	0.00	0	0.00	0	0.00	9	100.00
157	PANCREAS	0	0.00	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIS SYS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
160	NASAL CAVITY	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
161	LARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
162	LUNG	1	33.33	2	66.67	0	0.00	0	0.00	0	0.00	3	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
171	CONNECTIVE TISS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
174	BREAST FEM	39	79.59	0	0.00	10	20.41	0	0.00	0	0.00	49	100.00
179	UTERINE UNS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
180	CERVIX UTERI	32	55.17	0	0.00	26	44.83	0	0.00	0	0.00	58	100.00
181	PLACENTA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
182	BODY UTERUS	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
183	OVARY	6	60.00	2	20.00	1	10.00	1	10.00	0	0.00	10	100.00
184	VAGINA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
188	URI BLADDER	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
189	KIDNEY	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
190	EYE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
191	BRAIN	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
196	SEC LYMPH NODES	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
197	SEC RES ETC	0	0.00	2	66.67	1	33.33	0	0.00	0	0.00	3	100.00
198	SEC OTHER	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00	7	100.00
200	LYMPHOSARCOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
201	HODGKINS DIS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
202	OTH LYMPHOMA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
203	MULT MYELOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
204	LEUK LYMPHATIC	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
205	LEUK MYELOID	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
ALL SITES TOTALS		155		17		48		5		8		233	
%		66.52		7.30		20.60		2.15		3.43		100.00	

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

[illegible]

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD-9	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140	LIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
141	TONGUE	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	4	1.65
142	SALIVARY G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143	GUM	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	4	1.65
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145	OTHER MOUT	0	0	0	0	0	0	0	0	0	2	5	2	1	1	0	0	0	11	4.53
146	OROPHARYNX	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.41
147	NASOPHARYN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.41
148	HYPOPHARYN	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	2	0.82
149	PHARYNX ET	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.41
150	OESOPHAGUS	0	0	0	0	0	0	0	0	0	0	1	2	4	1	1	1	0	10	4.12
151	STOMACH	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	3	1.23
152	SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153	COLON	0	0	0	0	0	0	0	0	1	2	0	0	1	0	1	0	0	5	2.06
154	RECTUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
155	LIVER	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	0.82
156	GALL BALDD	0	0	0	0	0	0	0	0	0	1	0	0	4	2	1	2	0	10	4.12
157	PANCREAS	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	2	0.82
158	RETROPERIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
159	OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	NASAL CAVI	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.41
161	LARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.41
162	LUNG	0	0	0	0	0	0	0	0	0	1	1	2	0	1	1	0	0	6	2.47
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.41
164	THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165	OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	0	1	0	1	1	1	0	0	0	1	0	0	0	0	0	0	5	2.06
171	CONNECTIVE	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	1.23
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173	SKIN OTHER	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	2	0.82
174	BREAST FEM	0	0	0	0	0	0	3	3	8	11	8	5	6	3	3	2	0	52	21.40
179	UTERINE UN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0.41
180	CERVIX UTE	0	0	0	0	0	3	5	5	8	5	9	7	9	6	1	1	0	59	24.28
181	PLACENTA	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0.82
182	BODY UTERU	0	0	0	0	0	0	0	0	1	2	3	0	1	1	1	0	0	9	3.70
183	OVARY	0	0	0	0	1	1	2	0	2	1	0	3	3	2	0	0	0	15	6.17
184	VAGINA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.41
188	URI BLADDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
189	KIDNEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
190	EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
191	BRAIN	2	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	6	2.47
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GL	0	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	5	2.06
194	OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	ILL DEF SI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
196	SEC LYMPH	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.41
197	SEC RES ET	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	4	1.65
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0.82
199	PRIM UNK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
200	LYMPHOSARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
201	HODGKINS D	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0.41
202	OTH LYMPHO	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	3	1.23
203	MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.41
204	LEUK LYMPH	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	1.23
205	LEUK MYELO	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	3	1.23
206	LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	LEUK UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL		4	1	2	2	8	10	13	13	25	28	33	26	37	20	13	8	0	243	100.00
%		1.6	0.4	0.8	0.8	3.3	4.1	5.3	5.3	10.3	11.5	13.6	10.7	15.2	8.2	5.3	3.3	0.0	100.0	

Year: 1989

POPULATION-BASED CANCER REGISTRY DATA
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

		PER 100,000 PERSONS																		
ICD-9	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140	LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6
141	TONGUE	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	6.3	17.9	52.0	64.4	67.8	69.1	55.7	26.2	6.5	13.2	30.1
142	SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.2	0.5	0.0
143	GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.6	0.0	0.0	0.0	23.0	0.0	0.6	1.3	1.9
144	FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	23.0	0.0	0.4	1.0	0.9
145	OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	5.3	2.9	3.2	9.0	11.6	21.5	56.5	69.1	27.9	26.2	3.8	8.1	14.8
146	OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	9.0	11.6	10.7	33.9	23.0	0.0	0.0	1.9	3.8	9.4
147	NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148	HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	17.9	23.1	21.5	33.9	46.1	55.7	52.4	4.0	8.4	15.6
149	HARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	10.7	22.6	23.0	0.0	0.0	1.0	2.3	5.2
150	OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	6.3	13.5	11.6	21.5	33.9	46.1	55.7	52.4	3.6	7.7	13.4
151	STOMACH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.2	4.5	17.3	21.5	11.3	0.0	0.0	52.4	1.9	3.7	8.5
152	SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153	COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	11.3	23.0	0.0	0.0	0.6	1.4	2.4
154	RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	9.5	0.0	5.8	10.7	22.6	69.1	55.7	0.0	2.5	5.5	7.1
155	LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	21.5	11.3	0.0	0.0	26.2	1.0	2.1	5.2
156	GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	10.7	11.3	23.0	0.0	26.2	1.2	2.6	4.6
157	PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	9.0	5.8	21.5	0.0	0.0	0.0	26.2	1.3	2.4	6.0
158	RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159	OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160	NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	52.4	0.8	1.6	1.7
161	LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.8	0.0	33.9	23.0	27.9	0.0	1.2	2.9	5.3
162	LUNG	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	3.2	9.0	40.4	53.7	67.8	69.1	83.6	131.0	6.3	14.1	24.5
163	PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.7	0.0	0.0	0.0	0.0	0.2	0.4	1.4
164	THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165	OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	BONE	0.0	0.0	0.0	1.9	3.6	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	0.6
171	CONNECTI	0.0	0.0	1.6	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26.2	0.6	0.8	0.6
172	SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173	SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.4	0.7	0.6
175	BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185	PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	5.8	21.5	33.9	23.0	55.7	52.4	2.3	5.6	8.9
186	TESTIS	0.0	0.0	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
187	PENIS ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.2	0.6	0.0
188	URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.9	0.0	0.2	0.6	0.0
189	KIDNEY	1.6	0.0	0.0	0.0	1.8	0.0	0.0	2.9	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	1.2
190	EYE	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
191	BRAIN	0.0	0.0	0.0	0.0	1.9	1.8	4.4	0.0	2.9	0.0	4.5	0.0	10.7	11.3	23.0	27.9	1.9	3.2	4.3
192	NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193	THYROID	0.0	0.0	0.0	0.0	1.8	2.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0
194	OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195	ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
196	SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	0.0	4.5	5.8	0.0	0.0	0.0	27.9	0.0	0.8	1.3	2.4
197	SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.3	0.0	5.8	10.7	11.3	23.0	27.9	0.0	1.3	2.8	5.0
198	SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	10.7	0.0	0.0	0.0	0.0	0.4	0.7	2.3
199	PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201	HODGKINS	0.0	1.5	1.6	1.9	0.0	6.6	5.3	0.0	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.5	0.6
202	OTH LYMP	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.0	5.8	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.9
203	MULT MYE	0.0	0.0	1.6	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0
204	LEUK LYM	0.0	0.0	4.7	0.0	0.0	0.0	0.0	0.0	2.9	3.2	4.5	0.0	0.0	11.3	0.0	0.0	1.3	1.5	3.5
205	LEUK MYE	0.0	0.0	0.0	0.0	0.0	4.4	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.0
206	LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207	LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208	LEUK UNS	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
TOTAL		4.8	1.5	10.9	5.6	10.8	22.1	26.5	26.4	57.1	134.6	236.9	354.2	485.9	599.2	585.3	576.2	54.3	106.2	188.8

Year : 1989

POPULATION-BASED CANCER REGISTRY BHOPAL Sex : Females

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE PER 100,000 PERSONS

ICD-9 SITE		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140	LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141	TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	5.1	6.6	0.0	0.0	11.9	0.0	0.0	0.0	0.9	1.4	4.5
142	SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143	GUM	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	5.1	0.0	8.9	13.7	0.0	0.0	0.0	0.0	0.9	1.5	4.2
144	FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145	OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	44.7	27.5	11.9	23.3	0.0	0.0	2.4	5.3	14.9
146	OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.8
147	NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.4	0.8	1.0
148	HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.4
149	PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	2.2	5.2	11.1
150	ESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	27.5	47.5	23.3	27.0	23.9	0.6	1.1	3.0
151	STOMACH	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	8.9	0.0	11.9	0.0	0.0	0.0	0.0	0.0	0.0
152	SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.1	5.1
153	COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	13.3	0.0	0.0	11.9	0.0	27.0	0.0	0.0	0.0	0.0
154	RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.3	0.0	0.0	0.4	1.1	1.3
155	LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	47.5	46.7	27.0	2.2	5.2	7.4
156	GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	47.5	46.7	27.0	47.8	0.4	0.8	1.0
157	PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	0.0	0.0	0.0	0.0	0.0	0.0	23.9	0.0	0.0	0.0
158	ETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159	OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.4	1.3
160	NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0
161	LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	27.0	0.0	0.2	0.5	0.0
162	LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.6	8.9	27.5	0.0	23.3	27.0	0.0	1.3	3.2	6.3
163	PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.2	0.5	1.5
164	THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165	OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.1	1.4
170	BONE	0.0	0.0	1.7	0.0	1.9	2.3	3.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0
171	CONNECT	0.0	1.6	1.7	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172	SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.7	1.8
173	SKIN OTH	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	13.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174	BREAST F	0.0	0.0	0.0	0.0	0.0	0.0	9.3	10.6	40.4	73.1	71.4	68.7	71.2	70.0	80.9	47.8	11.2	21.9	53.6
179	UTERINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.9	0.2	0.5	0.0
180	CERVIX U	0.0	0.0	0.0	0.0	0.0	7.0	15.5	17.7	40.4	33.2	80.4	96.2	106.9	140.1	27.0	23.9	12.7	24.3	56.8
181	PLACENTA	0.0	0.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.0
182	BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.1	13.3	26.8	0.0	11.9	23.3	27.0	0.0	1.9	4.2	9.4
183	OVARY	0.0	0.0	0.0	0.0	1.9	2.3	6.2	0.0	10.1	6.6	0.0	41.2	35.6	46.7	0.0	0.0	3.2	6.2	13.2
184	VAGINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.2	0.5	1.5
188	URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189	KIDNEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190	EYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191	BRAIN	3.2	0.0	0.0	0.0	0.0	0.0	3.1	3.5	5.1	0.0	0.0	0.0	0.0	0.0	27.0	0.0	1.3	1.6	1.7
192	NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193	THYROID	0.0	0.0	0.0	0.0	1.9	0.0	0.0	3.5	0.0	0.0	8.9	13.7	0.0	23.3	0.0	0.0	1.1	2.1	3.9
194	OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195	ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.7
196	SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197	SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.7	23.3	27.0	0.0	0.9	2.2	3.1
198	SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.9	13.7	0.0	0.0	0.0	0.0	0.4	1.0	3.2
199	PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
200	LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
201	HODGKINS	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
202	OTH LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.7
203	MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.9	0.0	0.0	0.0	0.2	0.5	1.5
204	LEUK LYM	3.2	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.5	0.0
205	LEUK MYE	0.0	0.0	0.0	0.0	1.9	4.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206	LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207	LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208	LEUK UNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL		6.4	1.6	3.4	4.0	15.6	23.3	40.4	46.0	126.4	186.1	294.7	357.1	439.3	467.0	350.8	191.3	52.4	100.1	219.7

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Males

Year : 1989

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.02	0.02	0.02
141	TONGUE	0.00	0.01	1.38	1.05	1.66
142	SALIVARY GLANDS	0.00	0.00	0.00	0.00	0.00
143	GUM	0.00	0.00	0.17	0.06	0.17
144	FLOOR OF MOUTH	0.00	0.00	0.14	0.02	0.14
145	OTHER MOUTH	0.00	0.03	0.86	0.55	1.03
146	OROPHARYNX	0.00	0.01	0.44	0.34	0.45
147	NASOPHARYNX	0.00	0.00	0.00	0.00	0.00
148	HYPOPHARYNX	0.00	0.00	0.74	0.51	1.02
149	PHARYNX ETC	0.00	0.00	0.31	0.20	0.31
150	OESOPHAGUS	0.00	0.00	0.68	0.45	0.95
151	STOMACH	0.00	0.00	0.29	0.29	0.29
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.20	0.09	0.20
154	RECTUM	0.00	0.01	0.59	0.26	0.88
155	LIVER	0.00	0.00	0.19	0.19	0.19
156	GALL BLADDER	0.00	0.00	0.27	0.15	0.27
157	PANCREAS	0.00	0.00	0.20	0.20	0.20
158	RETROPERITONEUM	0.00	0.00	0.00	0.00	0.00
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.04	0.04	0.04
161	LARYNX	0.00	0.00	0.31	0.20	0.45
162	LUNG	0.01	0.00	1.21	0.87	1.63
163	PLEURA	0.00	0.00	0.05	0.05	0.05
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.04	0.00	0.04	0.04
171	CONNECTIVE TISS	0.01	0.00	0.01	0.02	0.02
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.00	0.01	0.01	0.15
175	BREAST MALE	0.00	0.00	0.00	0.00	0.00
185	PROSTATE	0.00	0.00	0.44	0.33	0.72
186	TESTIS	0.00	0.01	0.00	0.01	0.01
187	PENIS ETC	0.00	0.00	0.00	0.00	0.14
188	URI BLADDER	0.00	0.00	0.00	0.00	0.14
189	KIDNEY	0.01	0.01	0.03	0.05	0.05
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.00	0.04	0.26	0.19	0.44
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.02	0.00	0.02	0.02
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.00	0.00	0.00
196	SEC LYMPH NODES	0.00	0.00	0.07	0.07	0.21
197	SEC RES ETC	0.00	0.00	0.29	0.17	0.42
198	SEC OTHER	0.00	0.00	0.08	0.08	0.08
199	PRIM UNK	0.00	0.00	0.00	0.00	0.00
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.00	0.00
201	HODGKINS DIS	0.02	0.07	0.02	0.10	0.10
202	OTH LYMPHOMA	0.00	0.01	0.03	0.04	0.04
203	MULT MYELOMA	0.01	0.01	0.00	0.02	0.02
204	LEUK LYMPHATIC	0.02	0.00	0.11	0.13	0.13
205	LEUK MYELOID	0.00	0.05	0.00	0.05	0.05
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.01	0.00	0.00	0.01	0.01
ALL SITES		0.09	0.32	9.04	6.65	11.66

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Females

Year : 1989

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.00	0.00	0.00
141	TONGUE	0.00	0.00	0.14	0.14	0.14
142	SALIVARY GLANDS	0.00	0.00	0.00	0.00	0.00
143	GUM	0.00	0.02	0.14	0.15	0.15
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.60	0.49	0.60
146	OROPHARYNX	0.00	0.00	0.07	0.07	0.07
147	NASOPHARYNX	0.00	0.00	0.06	0.06	0.06
148	HYPOPHARYNX	0.00	0.00	0.03	0.03	0.16
149	PHARYNX ETC	0.00	0.00	0.04	0.04	0.04
150	OESOPHAGUS	0.00	0.00	0.53	0.42	0.67
151	STOMACH	0.00	0.01	0.10	0.12	0.12
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.15	0.15	0.29
154	RECTUM	0.00	0.00	0.00	0.00	0.00
155	LIVER	0.00	0.00	0.15	0.03	0.15
156	GALL BLADDER	0.00	0.00	0.50	0.27	0.64
157	PANCREAS	0.00	0.00	0.03	0.03	0.03
158	RETROPERITONEUM	0.00	0.00	0.00	0.00	0.00
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.03	0.03	0.03
161	LARYNX	0.00	0.00	0.00	0.00	0.13
162	LUNG	0.00	0.00	0.33	0.22	0.47
163	PLEURA	0.00	0.00	0.06	0.06	0.06
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.04	0.04	0.09	0.09
171	CONNECTIVE TISS	0.02	0.01	0.00	0.03	0.03
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.01	0.07	0.08	0.08
174	BREAST FEM	0.00	0.05	2.01	1.71	2.45
179	UTERINE UNS	0.00	0.00	0.00	0.00	0.00
180	CERVIX UTERI	0.00	0.11	2.54	1.97	2.78
181	PLACENTA	0.00	0.02	0.00	0.02	0.02
182	BODY UTERUS	0.00	0.00	0.40	0.28	0.54
183	OVARY	0.00	0.05	0.70	0.52	0.75
184	VAGINA	0.00	0.00	0.06	0.06	0.06
188	URI BLADDER	0.00	0.00	0.00	0.00	0.00
189	KIDNEY	0.00	0.00	0.00	0.00	0.00
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.02	0.02	0.04	0.07	0.21
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.01	0.25	0.14	0.26
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.00	0.00	0.00
196	SEC LYMPH NODES	0.00	0.00	0.02	0.02	0.02
197	SEC RES ETC	0.00	0.00	0.24	0.12	0.37
198	SEC OTHER	0.00	0.00	0.11	0.11	0.11
199	PRIM UNK	0.00	0.00	0.00	0.00	0.00
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.00	0.00
201	HODGKINS DIS	0.00	0.01	0.00	0.01	0.01
202	OTH LYMPHOMA	0.00	0.02	0.02	0.04	0.04
203	MULT MYELOMA	0.00	0.00	0.06	0.06	0.06
204	LEUK LYMPHATIC	0.02	0.01	0.00	0.03	0.03
205	LEUK MYELOID	0.00	0.03	0.00	0.03	0.03
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.00	0.00	0.00
ALL SITES		0.06	0.42	9.14	7.43	10.72

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Males

Year : 1989

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
141	TONGUE	28	82.35	0	0.00	4	11.76	0	0.00	2	5.88	34	100.00
142	SALIVARY GLANDS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
143	GUM	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
144	FLOOR OF MOUTH	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
145	OTHER MOUTH	13	65.00	0	0.00	7	35.00	0	0.00	0	0.00	20	100.00
146	OROPHARYNX	9	90.00	0	0.00	1	10.00	0	0.00	0	0.00	10	100.00
147	NASOPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
148	HYPOPHARYNX	20	95.24	0	0.00	1	4.76	0	0.00	0	0.00	21	100.00
149	PHARYNX ETC	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
150	OESOPHAGUS	12	63.16	3	15.79	2	10.53	1	5.26	1	5.26	19	100.00
151	STOMACH	5	50.00	2	20.00	1	10.00	2	20.00	0	0.00	10	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
154	RECTUM	11	84.62	1	7.69	0	0.00	1	7.69	0	0.00	13	100.00
155	LIVER	0	0.00	3	60.00	2	40.00	0	0.00	0	0.00	5	100.00
156	GALL BALDDER	2	33.33	3	50.00	0	0.00	1	16.67	0	0.00	6	100.00
157	PANCREAS	1	14.29	4	57.14	1	14.29	1	14.29	0	0.00	7	100.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	2	50.00	0	0.00	2	50.00	0	0.00	0	0.00	4	100.00
161	LARYNX	3	50.00	0	0.00	2	33.33	0	0.00	1	16.67	6	100.00
162	LUNG	17	51.52	14	42.42	1	3.03	0	0.00	1	3.03	33	100.00
163	PLEURA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
171	CONNECTIVE TISS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
175	BREAST MALE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
185	PROSTATE	7	58.33	0	0.00	2	16.67	1	8.33	2	16.67	12	100.00
186	TESTIS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
187	PENIS ETC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
188	URI BLADDER	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
189	KIDNEY	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
190	EYE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
191	BRAIN	2	20.00	8	80.00	0	0.00	0	0.00	0	0.00	10	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
196	SEC LYMPH NODES	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
197	SEC RES ETC	2	28.57	2	28.57	1	14.29	0	0.00	2	28.57	7	100.00
198	SEC OTHER	0	0.00	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
200	LYMPHOSARCOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
201	HODGKINS DIS	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
202	OTH LYMPHOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
203	MULT MYELOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
204	LEUK LYMPHATIC	6	85.71	0	0.00	0	0.00	0	0.00	1	14.29	7	100.00
205	LEUK MYELOID	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
ALL SITES TOTALS		192		43		31		7		10		283	
%		67.84		15.19		10.95		2.47		3.53		100.00	

POPULATION-BASED CANCER REGISTRY BHOPAL

Sex : Females

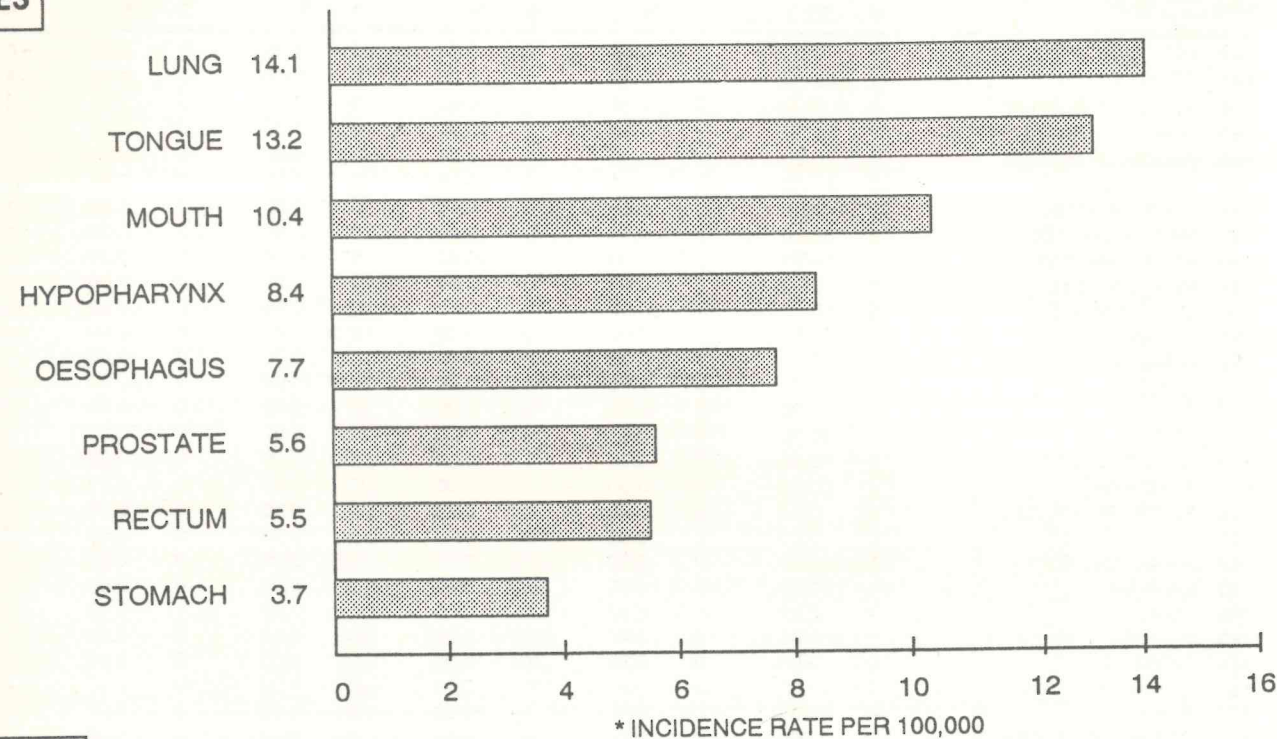
Year : 1989

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

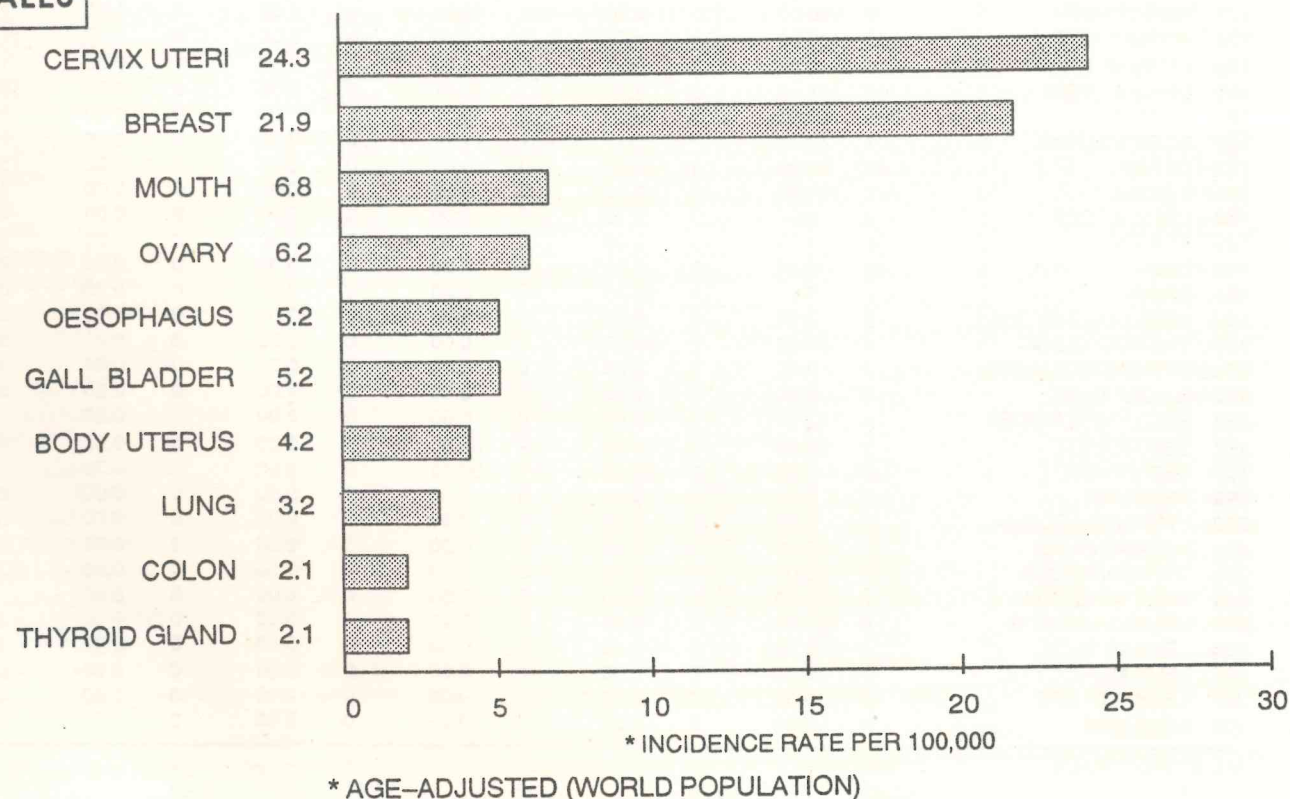
ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
142	SALIVARY GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
143	GUM	2	50.00	0	0.00	2	50.00	0	0.00	0	0.00	4	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	9	81.82	0	0.00	2	18.18	0	0.00	0	0.00	11	100.00
146	OROPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
147	NASOPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
148	HYPOPHARYNX	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
149	PHARYNX ETC	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
150	OESOPHAGUS	8	80.00	2	20.00	0	0.00	0	0.00	0	0.00	10	100.00
151	STOMACH	2	66.67	0	0.00	0	0.00	1	33.33	0	0.00	3	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	2	40.00	0	0.00	1	20.00	1	20.00	1	20.00	5	100.00
154	RECTUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
155	LIVER	1	50.00	0	0.00	0	0.00	0	0.00	1	50.00	2	100.00
156	GALL BALDDER	1	10.00	7	70.00	1	10.00	1	10.00	0	0.00	10	100.00
157	PANCREAS	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
161	LARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
162	LUNG	4	66.67	1	16.67	0	0.00	0	0.00	1	16.67	6	100.00
163	PLEURA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
171	CONNECTIVE TISS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
174	BREAST FEM	39	75.00	3	5.77	7	13.46	0	0.00	3	5.77	52	100.00
179	UTERINE UNS	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
180	CERVIX UTERI	42	71.19	0	0.00	17	28.81	0	0.00	0	0.00	59	100.00
181	PLACENTA	1	50.00	0	0.00	0	0.00	1	50.00	0	0.00	2	100.00
182	BODY UTERUS	7	77.78	1	11.11	1	11.11	0	0.00	0	0.00	9	100.00
183	OVARY	12	80.00	3	20.00	0	0.00	0	0.00	0	0.00	15	100.00
184	VAGINA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
188	URI BLADDER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
189	KIDNEY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
190	EYE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
191	BRAIN	1	16.67	5	83.33	0	0.00	0	0.00	0	0.00	6	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	4	80.00	1	20.00	0	0.00	0	0.00	0	0.00	5	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
196	SEC LYMPH NODES	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
197	SEC RES ETC	1	25.00	1	25.00	2	50.00	0	0.00	0	0.00	4	100.00
198	SEC OTHER	0	0.00	1	50.00	1	50.00	0	0.00	0	0.00	2	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
200	LYMPHOSARCOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
201	HODGKINS DIS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
202	OTH LYMPHOMA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
203	MULT MYELOMA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
204	LEUK LYMPHATIC	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
205	LEUK MYELOID	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ALL SITES TOTALS		169		26		37		4		7		243	
%		69.55		10.70		15.23		1.65		2.88		100.00	

BHOPAL - 1989 MOST COMMON FORMS OF CANCERS

MALES



FEMALES



BARSHI (MAHARASHTRA)

The Indian Council of Medical Research, New Delhi had setup the first population-based rural cancer registry in the country in 1987 through the Tata Memorial Centre, Bombay which is operating from the Nargis Dutt Memorial Cancer Hospital of the Ashwini Cancer Research and Relief Society, a voluntary agency, Barshi.

The registry area comprises of rural areas (346 villages) of 3 tahsils, i.e., Barshi, Paranda and Bhum spread over 3713 square kilometers. Barshi tahsil, part of Sholapur district, is located between latitudes 17° 10' to 18° 32' N and longitudes 74° 42' to 76° 15' E. Paranda and Bhum are north-western tahsils of Osmanabad district. These tahsils are located between latitudes 17° 35' to 18° 40' N and longitudes 75° 16' to 76° 40' E. Districts of Solapur and Osmanabad are approximately 550 and 600 meters above sea level. Administratively, since 1990, the Osmanabad district has been divided into two districts i.e. Osmanabad and Latur.

The population density per square kilometer was 111, 92 and 102 respectively in Barshi, Paranda and Bhum. The literacy rates were 44%, 30% and 36% respectively (1981 census). The Paranda and Bhum tahsils are considered to be backwards compared to Barshi.

The estimated population (by exponential rate growth method), as on 1st July 1989 was 403667 (male : 203851, female : 199816).

The census (1981) provides the total population by sex for each village in the registry area. However, the age structure of the population by sex is not available for any of these villages. The villages covered by the registry for case-finding in the three tahsils i.e. Barshi, Paranda and Bhum are 134, 117 and 95 respectively.

NUMBER OF VILLAGES COVERED AND THEIR POPULATION

Tahsil	District	Number of Villages	Population*
Barshi	Solapur	134	204,220
Paranda	Osmanabad	117	105,573
Bhum	Osmanabad	95	92,035
Total		346	401,828

* 1981 census

The population figures by age and sex for 1991 census are not yet released by the Census Department. The census had estimated age-sex structure for Solapur and Osmanabad districts on the basis of a 20% area sample survey conducted during decennial census of 1971 and 1981. The age distribution assumed for the study areas of registry tahsils in each district to be similar to that of the entire rural area of the corresponding district. Thus the population for the total study rural area, by 5 year age group and sex, has been estimated by the exponential growth rate between 1971-1981 censuses.

For case-finding, the methodology essentially consist of (1) screening the medical records in Nargis Dutt Memorial Cancer Hospital & other collaborating hospitals and (2) personal contacts in the community itself in the study rural areas, for cancer cases.

(a) Case-finding from hospitals etc.

Trained investigators collect data on cancer cases from various hospitals and diagnostic centres located in the registry areas. Efforts are also made to locate cancer cases of registry areas from other hospitals located outside the registry areas. Cancer cases are registered only from the rural areas. Barshi town cases are not registered for obvious reasons.

(b) Case-finding from rural areas

Trained investigators also regularly visit the identified villages and interact with the community, particularly with the village headman, to identify and personally motivate the suspected cancer cases (usually on the basis of symptoms) to have a diagnosis confirmed at the hospital before the disease is too advanced for any treatment. Cases are also registered from the cancer detection camps which are held periodically by the Ashwini Relief Society in villages where a Primary Health Centre or a sub centre is located. The suspected subjects are given identification cards which they bring when they visit the Barshi cancer hospital.

The filled in proformas are scrutinised for completeness of desired information. If any of the proformas are incomplete then the investigators are asked to go back to a particular source from where the information was collected and complete the missing information, if possible.

There is no death certification system in this region. However, the social investigators identify the cancer deaths through personal contacts with the relatives, panchayat, village headman, block development office, screening of hospital records etc.

Almost 61% of cases are registered through cancer hospital at Barshi and cancer detection camps; 27% through civil hospitals, private hospitals and practising pathologists in neighbouring urban centres. For 12% of cases the only available information was 'deaths due to cancer only'. Percentages of cases with microscopic verification of diagnosis was 78%.

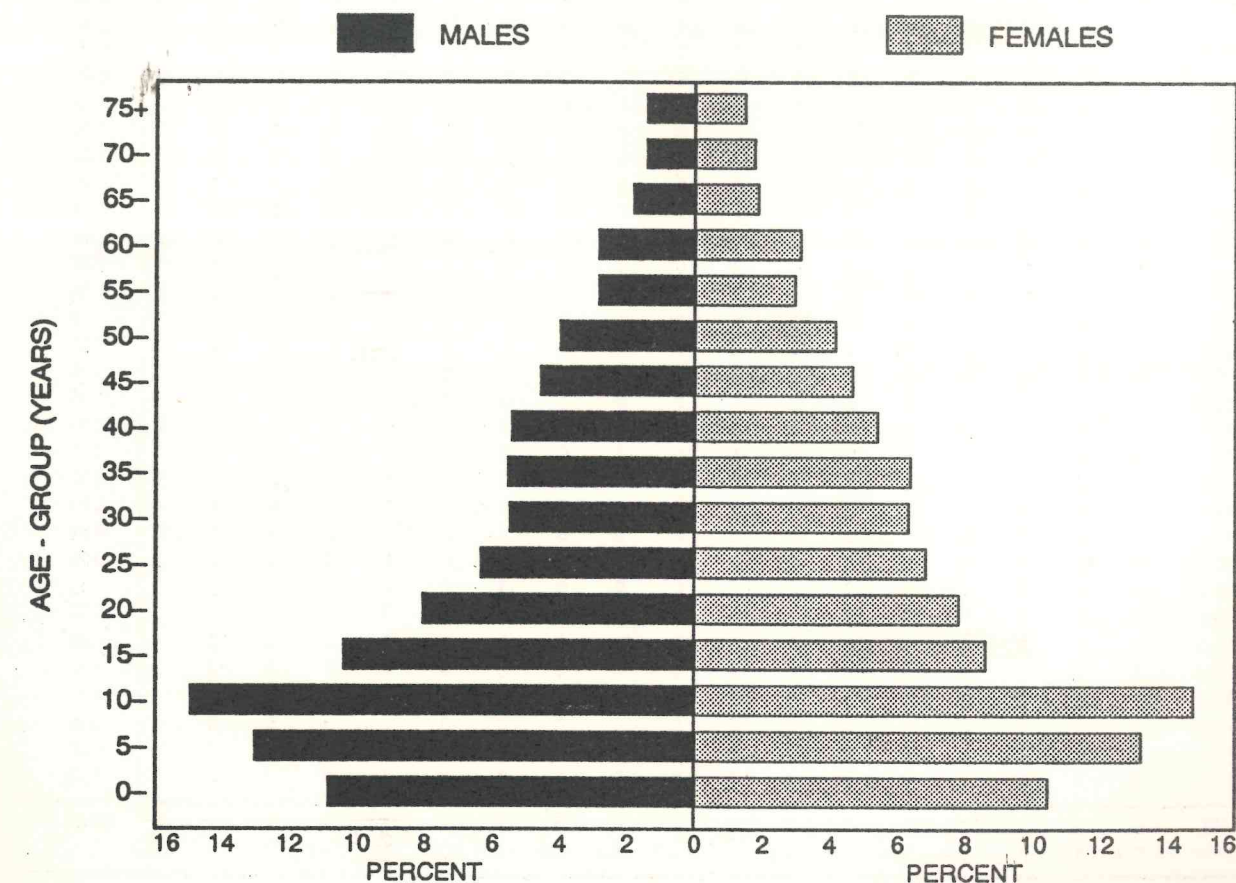
ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1988 IN BARSHI
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	22145.0	10.93	20706.0	10.45	42851.0	10.69
5-9	26466.0	13.06	26174.0	13.20	52640.0	13.13
10-14	30385.0	14.99	29275.0	14.77	59660.0	14.88
15-19	21215.0	10.47	17060.0	8.61	38275.0	9.55
20-24	16415.0	8.10	15493.0	7.82	31908.0	7.96
25-29	12968.0	6.40	13626.0	6.87	26594.0	6.63
30-34	11283.0	5.57	12561.0	6.34	23844.0	5.95
35-39	11403.0	5.63	12665.0	6.39	24068.0	6.00
40-44	11058.0	5.46	10732.0	5.41	21790.0	5.44
45-49	9401.0	4.64	9319.0	4.70	18720.0	4.67
50-54	8194.0	4.04	8301.0	4.19	16495.0	4.11
55-59	5907.0	2.92	5943.0	3.00	11850.0	2.96
60-64	5945.0	2.93	6237.0	3.15	12182.0	3.04
65-69	3813.0	1.88	3758.0	1.90	7571.0	1.89
70-74	3040.0	1.50	3482.0	1.76	6522.0	1.63
75 +	3001.0	1.48	2885.0	1.46	5886.0	1.47
TOTAL	202639.0	100.00	198217.0	100.00	400856.0	100.00



ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1 1989 IN BARSHI
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	21815.0	10.70	20331.0	10.17	42146.0	10.44
5-9	26330.0	12.92	26018.0	13.02	52348.0	12.97
10-14	30828.0	15.12	29870.0	14.95	60698.0	15.04
15-19	21616.0	10.60	17334.0	8.67	38950.0	9.65
20-24	16653.0	8.17	15568.0	7.79	32221.0	7.98
25-29	12977.0	6.37	13614.0	6.81	26591.0	6.59
30-34	11272.0	5.53	12596.0	6.30	23868.0	5.91
35-39	11446.0	5.61	12841.0	6.43	24287.0	6.02
40-44	11170.0	5.48	10843.0	5.43	22013.0	5.45
45-49	9494.0	4.66	9482.0	4.75	18976.0	4.70
50-54	8277.0	4.06	8443.0	4.23	16720.0	4.14
55-59	5954.0	2.92	6101.0	3.05	12055.0	2.99
60-64	5986.0	2.94	6336.0	3.17	12322.0	3.05
65-69	3886.0	1.91	3878.0	1.94	7764.0	1.92
70-74	3088.0	1.51	3606.0	1.80	6694.0	1.66
75 +	3059.0	1.50	2955.0	1.48	6014.0	1.49
TOTAL	203851.0	100.00	199816.0	100.00	403667.0	100.00



Year : 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD-9), AND PERCENTAGES

ICD-9 SITE		0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140	LIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1.15
141	TONGUE	0	0	0	0	0	0	0	1	0	0	0	0	3	1	0	1	0	6	6.90
142	SALIVARY G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143	GUM	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2	2.30
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145	OTHER MOUT	0	0	0	0	0	0	1	0	0	2	0	1	2	0	0	0	0	6	6.90
146	OROPHARYNX	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1.15
147	NASOPHARYN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
148	HYPOPHARYN	0	0	0	0	0	1	0	0	0	1	0	1	0	3	1	1	0	8	9.20
149	PHARYNX ET	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.15
150	OESOPHAGUS	0	0	0	0	0	0	0	0	0	1	0	1	1	0	3	2	0	8	9.20
151	STOMACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
152	SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153	COLON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
154	RECTUM	0	0	0	0	0	2	1	0	0	1	1	1	0	0	0	1	0	7	8.05
155	LIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
156	GALL BALDD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
157	PANCREAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
158	RETROPERIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
159	OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
161	LARYNX	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2	0	0	6	6.90
162	LUNG	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1.15
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
164	THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165	OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
171	CONNECTIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173	SKIN OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1.15
175	BREAST MAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
185	PROSTATE	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2.30
186	TESTIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
187	PENIS ETC	0	0	0	0	0	0	0	0	0	0	1	1	3	1	1	0	0	7	8.05
188	URI BLADDE	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	3	3.45
189	KIDNEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2	2.30
190	EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
191	BRAIN	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.15
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GL	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1.15
194	OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	ILL DEF SI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
196	SEC LYMPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
197	SEC RES ET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199	PRIM UNK	0	0	0	0	0	0	0	0	2	0	0	4	2	3	2	3	1	17	19.54
200	LYMPHOSARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
201	HODGKINS D	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.15
202	OTH LYMPHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
203	MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
204	LEUK LYMPH	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.15
205	LEUK MYELO	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1.15
206	LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	LEUK UNS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.15
TOTAL		0	1	1	3	0	3	2	3	5	6	5	12	12	11	13	9	1	87	100.00
%		0.0	1.1	1.1	3.4	0.0	3.4	2.3	3.4	5.7	6.9	5.7	13.8	13.8	12.6	14.9	10.3	1.1	100.0	

Year: 1988

NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD-9), AND PERCENTAGES

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%	
140 LIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
141 TONGUE	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2	2.35	
142 SALIVARY G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
143 GUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
145 OTHER MOUT	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	2.35	
146 OROPHARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
147 NASOPHARYN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
148 HYPOPHARYN	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.18	
149 PHARYNX ET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
150 OESOPHAGUS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1.18	
151 STOMACH	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	2.35	
152 SMALLINTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
153 COLON	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1.18	
154 RECTUM	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0	0	0	3	3.53	
155 LIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
156 GALLBALDD	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1.18	
157 PANCREAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
158 RETROPERIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
159 OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
160 NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
161 LARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
162 LUNG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
163 PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
164 THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
170 BONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
171 CONNECTIVE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
173 SKIN OTHER	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1.18	
174 BREAST FEM	0	0	0	0	0	0	0	0	1	0	2	2	2	4	0	1	0	0	12	14.12
179 UTERINE UN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
180 CERVIX UTE	0	0	0	0	0	0	4	5	8	6	1	3	7	5	0	0	0	39	45.88	
181 PLACENTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
182 BODY UTERU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
183 OVARY	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3	3.53	
184 VAGINA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.18	
188 URI BLADDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
189 KIDNEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
190 EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
191 BRAIN	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	2.35	
192 NERVOUSSY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
193 THYROID GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
194 OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
195 ILL DEF SI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
196 SEC LYMPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
197 SEC RES ET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
198 SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
199 PRIM UNK	0	0	0	0	0	0	1	0	1	2	3	2	1	1	1	1	0	13	15.29	
200 LYMPHOSARC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
201 HODGKINS D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
202 OTH LYMPHO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
203 MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
204 LEUKLYMPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
205 LEUK MYELO	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.18	
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
207 LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
208 LEUK UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
TOTAL	0	1	0	0	2	0	6	7	12	10	8	8	16	10	4	1	0	85	100.00	
%	0.0	1.2	0.0	0.0	2.4	0.0	7.1	8.2	14.1	11.8	9.4	9.4	18.8	11.8	4.7	1.2	0.0	100.0		

Year : 1988

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

[illegible]

Year : 1988

POPULATION-BASED CANCER REGISTRY DATA
AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

[illegible]

POPULATION-BASED CANCER REGISTRY BARSHI

Sex : Males

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.00	0.00	0.16
141	TONGUE	0.00	0.00	0.43	0.30	0.43
142	SALIVARY GLANDS	0.00	0.00	0.00	0.00	0.00
143	GUM	0.00	0.00	0.17	0.17	0.17
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.04	0.36	0.40	0.40
146	OROPHARYNX	0.00	0.00	0.08	0.08	0.08
147	NASOPHARYNX	0.00	0.00	0.00	0.00	0.00
148	HYPOPHARYNX	0.00	0.04	0.53	0.18	0.73
149	PHARYNX ETC	0.00	0.02	0.00	0.02	0.02
150	OESOPHAGUS	0.00	0.00	0.22	0.22	0.71
151	STOMACH	0.00	0.00	0.00	0.00	0.00
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.10	0.10	0.10
154	RECTUM	0.00	0.12	0.20	0.32	0.32
155	LIVER	0.00	0.00	0.00	0.00	0.00
156	GALL BALDDER	0.00	0.00	0.00	0.00	0.00
157	PANCREAS	0.00	0.00	0.00	0.00	0.00
158	RETROPERITONEUM	0.00	0.00	0.00	0.00	0.00
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.00	0.00	0.00
161	LARYNX	0.00	0.00	0.36	0.10	0.69
162	LUNG	0.00	0.00	0.05	0.05	0.05
163	PLEURA	0.00	0.00	0.00	0.00	0.00
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.00	0.00	0.00	0.00
171	CONNECTIVE TISS	0.00	0.00	0.00	0.00	0.00
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.00	0.00	0.00	0.16
175	BREAST MALE	0.00	0.00	0.00	0.00	0.00
185	PROSTATE	0.00	0.00	0.22	0.08	0.22
186	TESTIS	0.00	0.00	0.00	0.00	0.00
187	PENIS ETC	0.00	0.00	0.53	0.40	0.69
188	URI BLADDER	0.00	0.00	0.10	0.10	0.10
189	KIDNEY	0.00	0.00	0.00	0.00	0.33
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.00	0.02	0.00	0.02	0.02
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.00	0.05	0.05	0.05
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.00	0.00	0.00
196	SEC LYMPH NODES	0.00	0.00	0.00	0.00	0.00
197	SEC RES ETC	0.00	0.00	0.00	0.00	0.00
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.00	0.00	0.99	0.60	1.31
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.00	0.00
201	HODGKINS DIS	0.00	0.02	0.00	0.02	0.02
202	OTH LYMPHOMA	0.00	0.00	0.00	0.00	0.00
203	MULT MYELOMA	0.00	0.00	0.00	0.00	0.00
204	LEUK LYMPHATIC	0.02	0.00	0.00	0.02	0.02
205	LEUK MYELOID	0.00	0.00	0.06	0.06	0.06
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.02	0.00	0.00	0.02	0.02
ALL SITES		0.04	0.27	4.35	3.26	6.38

POPULATION-BASED CANCER REGISTRY BARSHI

Sex : Females

Year : 1988

CUMULATIVE RISK (PER CENT)

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.00	0.00	0.00
141	TONGUE	0.00	0.00	0.08	0.08	0.22
142	SALIVARY GLANDS	0.00	0.00	0.00	0.00	0.00
143	GUM	0.00	0.00	0.00	0.00	0.00
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.19	0.06	0.19
146	OROPHARYNX	0.00	0.00	0.00	0.00	0.00
147	NASOPHARYNX	0.00	0.00	0.00	0.00	0.00
148	HYPOPHARYNX	0.00	0.00	0.13	0.00	0.13
149	PHARYNX ETC	0.00	0.00	0.00	0.00	0.00
150	OESOPHAGUS	0.00	0.00	0.08	0.08	0.08
151	STOMACH	0.00	0.00	0.06	0.06	0.20
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.08	0.08	0.08
154	RECTUM	0.00	0.00	0.23	0.09	0.23
155	LIVER	0.00	0.00	0.00	0.00	0.00
156	GALL BALDDER	0.00	0.00	0.08	0.08	0.08
157	PANCREAS	0.00	0.00	0.00	0.00	0.00
158	RETROPERITONEUM	0.00	0.00	0.00	0.00	0.00
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.00	0.00	0.00
161	LARYNX	0.00	0.00	0.00	0.00	0.00
162	LUNG	0.00	0.00	0.00	0.00	0.00
163	PLEURA	0.00	0.00	0.00	0.00	0.00
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.00	0.00	0.00	0.00
171	CONNECTIVE TISS	0.00	0.00	0.00	0.00	0.00
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.00	0.08	0.08	0.08
174	BREAST FEM	0.00	0.00	0.75	0.75	0.90
179	UTERINE UNS	0.00	0.00	0.00	0.00	0.00
180	CERVIX UTERI	0.00	0.16	2.40	1.91	2.56
181	PLACENTA	0.00	0.00	0.00	0.00	0.00
182	BODY UTERUS	0.00	0.00	0.00	0.00	0.00
183	OVARY	0.00	0.07	0.04	0.11	0.11
184	VAGINA	0.00	0.00	0.13	0.00	0.13
188	URI BLADDER	0.00	0.00	0.00	0.00	0.00
189	KIDNEY	0.00	0.00	0.00	0.00	0.00
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.00	0.03	0.05	0.08	0.08
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.00	0.00	0.00	0.00
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.00	0.00	0.00
196	SEC LYMPH NODES	0.00	0.00	0.00	0.00	0.00
197	SEC RES ETC	0.00	0.00	0.00	0.00	0.00
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.00	0.04	0.71	0.62	0.90
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.00	0.00
201	HODGKINS DIS	0.00	0.00	0.00	0.00	0.00
202	OTH LYMPHOMA	0.00	0.00	0.00	0.00	0.00
203	MULT MYELOMA	0.00	0.00	0.00	0.00	0.00
204	LEUK LYMPHATIC	0.00	0.00	0.00	0.00	0.00
205	LEUK MYELOID	0.02	0.00	0.00	0.02	0.02
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.00	0.00	0.00
ALL SITES		0.02	0.30	5.01	4.05	5.55

POPULATION-BASED CANCER REGISTRY BARSHI

Sex : Males

Year : 1988

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
141	TONGUE	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
142	SALIVARY GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
143	GUM	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
146	OROPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
147	NASOPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
148	HYPOPHARYNX	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
149	PHARYNX ETC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
150	OESOPHAGUS	6	75.00	0	0.00	0	0.00	1	12.50	1	12.50	8	100.00
151	STOMACH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	1	50.00	1	50.00	0	0.00	0	0.00	0	0.00	2	100.00
154	RECTUM	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
155	LIVER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
156	GALL BLADDER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
157	PANCREAS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
161	LARYNX	4	66.67	0	0.00	2	33.33	0	0.00	0	0.00	6	100.00
162	LUN	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
171	CONNECTIVE TISS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
175	BREAST MALE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
185	PROSTATE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
186	TESTIS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
187	PENIS ETC	4	57.14	0	0.00	2	28.57	0	0.00	1	14.29	7	100.00
188	URI BLADDER	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
189	KIDNEY	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
190	EYE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
191	BRAIN	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
196	SEC LYMPH NODES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
197	SEC RES ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	4	23.53	1	5.88	1	5.88	0	0.00	11	64.71	17	100.00
200	LYMPHOSARCOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
201	HODGKINS DIS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
202	OTH LYMPHOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
203	MULT MYELOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
204	LEUK LYMPHATIC	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
205	LEUK MYELOID	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
ALL SITES TOTALS		62		2		8		1		14		87	
%		71.26		2.30		9.20		1.15		16.09		100.00	

POPULATION-BASED CANCER REGISTRY BARSHI

Sex : Females

Year : 1988

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
142	SALIVARY GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
143	GUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
146	OROPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
147	NASOPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
148	HYPOPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
149	PHARYNX ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
150	OESOPHAGUS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
151	STOMACH	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
154	RECTUM	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
155	LIVER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
156	GALL BALDDER	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
157	PANCREAS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
161	LARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
162	LUNG	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
171	CONNECTIVE TISS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
174	BREAST FEM	11	91.67	0	0.00	1	8.33	0	0.00	0	0.00	12	100.00
179	UTERINE UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
180	CERVIX UTERI	37	94.87	0	0.00	2	5.13	0	0.00	0	0.00	39	100.00
181	PLACENTA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
182	BODY UTERUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
183	OVARY	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
184	VAGINA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
188	URI BLADDER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
189	KIDNEY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
190	EYE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
191	BRAIN	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
196	SEC LYMPH NODES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
197	SEC RES ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	5	38.46	0	0.00	0	0.00	0	0.00	8	61.54	13	100.00
200	LYMPHOSARCOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
201	HODGKINS DIS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
202	OTH LYMPHOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
203	MULT MYELOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
204	LEUK LYMPHATIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
205	LEUK MYELOID	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ALL SITES TOTALS		70		2		5		0		8		85	
%		82.35		2.35		5.88		0.00		9.41		100.00	

POPULATION-BASED CANCER REGISTRY BARSHI
NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

Sex : Males

Year : 1989

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
141 TONGUE	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	3	3.33
142 SALIVARY G	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1.11
143 GUM	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	2.22
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145 OTHER MOUT	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	3	3.33
146 OROPHARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
147 NASOPHARYN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
148 HYPOPHARYN	0	0	0	0	0	0	0	1	2	0	1	1	1	0	0	0	0	6	6.67
149 PHARYNX ET	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2.22
150 OESOPHAGUS	0	0	0	0	0	0	0	0	0	0	2	2	1	2	3	0	0	10	11.11
151 STOMACH	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	2.22
152 SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153 COLON	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	3	3.33
154 RECTUM	0	0	0	0	0	0	0	0	0	0	1	1	2	1	1	0	0	6	6.67
155 LIVER	0	0	0	0	0	0	0	0	0	1	0	1	2	0	0	0	0	4	4.44
156 GALL BALDD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
157 PANCREAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
158 RETROPERIT	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3	3.33
159 OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160 NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
161 LARYNX	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	2.22
162 LUNG	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	3	3.33
163 PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
164 THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
171 CONNECTIVE	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2.22
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173 SKIN OTHER	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	4	4.44
175 BREAST MAL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
185 PROSTATE	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	3	3.33
186 TESTIS	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.11
187 PENIS ETC	0	0	0	0	0	0	0	0	0	0	3	1	2	0	2	0	0	8	8.89
188 URI BLADDE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.11
189 KIDNEY	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.11
190 EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
191 BRAIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
192 NERVOUSSY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193 THYROID GL	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1.11
194 OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195 ILL DEF SI	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1.11
196 SEC LYMPH	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	3	3.33
197 SEC RES ET	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	2.22
198 SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199 PRIM UNK	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	3	3.33
200 LYMPHOSARC	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1.11
201 HODGKINS D	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	2.22
202 OTH LYMPHO	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2.22
203 MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
204 LEUK LYMPH	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2.22
205 LEUK MYELO	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	3	3.33
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208 LEUK UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL	1	3	0	2	2	0	2	1	5	3	13	14	17	15	10	2	0	90	100.00
%	1.1	3.3	0.0	2.2	2.2	0.0	2.2	1.1	5.6	3.3	14.4	15.6	18.9	16.7	11.1	2.2	0.0	100.0	

POPULATION-BASED CANCER REGISTRY BARSHI
NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9), AND PERCENTAGES

Sex : Females

Year : 1989

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
141 TONGUE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
142 SALIVARY G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143 GUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
144 FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145 OTHER MOUT	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1.12
146 OROPHARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
147 NASOPHARYN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
148 HYPOPHARYN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1.12
149 PHARYNX ET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
150 OESOPHAGUS	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2	2.25
151 STOMACH	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	2	2.25
152 SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153 COLON	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1.12
154 RECTUM	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	3	3.37
155 LIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
156 GALL BALDD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
157 PANCREAS	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1.12
158 RETROPERIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
159 OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160 NASAL CAVI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
161 LARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
162 LUNG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
163 PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
164 THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165 OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	0	0	4	4.49
171 CONNECTIVE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1.12
172 SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173 SKIN OTHER	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	0	4	4.49
174 BREAST FEM	0	0	0	0	0	0	0	1	1	3	2	1	2	1	0	0	0	11	12.36
179 UTERINE UN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
180 CERVIX UTE	0	0	0	0	0	1	5	6	5	7	4	4	9	1	2	1	1	46	51.69
181 PLACENTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
182 BODYUTERU	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
183 OVARY	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	2.25
184 VAGINA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	2	2.25
188 URI BLADDE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
189 KIDNEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
190 EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
191 BRAIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
192 NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193 THYROID GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
194 OTH ENDO G	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195 ILL DEF SI	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2.25
196 SEC LYMPH	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1.12
197 SEC RES ET	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
198 SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199 PRIM UNK	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	2.25
200 LYMPHOSARC	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1.12
201 HODGKINS D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
202 OTH LYMPHO	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	2.25
203 MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
204 LEUK LYMPH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
205 LEUK MYELO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
206 LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208 LEUK UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
TOTAL	0	0	0	0	1	3	7	11	7	14	7	7	17	5	6	3	1	89	100.00
%	0.0	0.0	0.0	0.0	1.1	3.4	7.9	12.4	7.9	15.7	7.9	7.9	19.1	5.6	6.7	3.4	1.1	100.0	

POPULATION-BASED CANCER REGISTRY BARSHI

Sex : Males

Year : 1989

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.6	0.0	25.7	0.0	0.0	1.5	2.1	4.3
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.7
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	32.4	0.0	1.0	1.4	0.0
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	21.1	0.0	0.0	0.0	25.7	0.0	0.0	1.5	2.0	4.1
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.7	17.9	0.0	12.1	16.8	16.7	0.0	0.0	0.0	2.9	3.5	11.4
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	33.4	0.0	0.0	0.0	0.0	1.0	1.3	4.3
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2	33.6	16.7	51.5	97.2	0.0	4.9	6.7	10.4
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	1.0	1.2	3.9
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	0.0	25.7	0.0	32.7	1.5	2.0	1.9
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	16.8	33.4	25.7	32.4	0.0	2.9	4.0	8.4
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	16.8	33.4	0.0	0.0	0.0	2.0	2.6	8.5
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	16.7	25.7	0.0	0.0	0.0	1.5	2.1	4.3
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	16.8	0.0	0.0	0.0	0.0	0.0	1.0	1.3	4.1
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	0.0	0.0	16.8	0.0	25.7	0.0	0.0	1.5	2.0	3.9
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
171 CONNECTI	4.6	0.0	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	0.0	16.7	25.7	0.0	32.7	2.0	2.7	4.1	0.0
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.2	0.0	16.7	0.0	0.0	0.0	1.5	1.9	6.1
186 TESTIS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	0.0	0.0	0.5	0.8	0.0
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	36.2	16.8	33.4	0.0	64.8	0.0	3.9	5.1	12.3
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	0.0	0.0	0.5	0.8	0.0
189 KIDNEY	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.4	0.0
190 EYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191 BRAIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193 THYROID	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0
194 OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	0.0	0.0	0.0	0.0	0.5	0.7	2.2
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.1	16.8	0.0	0.0	32.4	0.0	1.5	1.9	4.1
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.7	25.7	0.0	0.0	0.0	1.0	1.4	2.2
198 SEC OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	64.8	0.0	0.0	1.5	2.1	0.0
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.8	0.0	0.0	0.0	0.0	0.5	0.7	2.2
201 HODGKINS	0.0	0.0	0.0	0.0	6.0	0.0	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	0.0
202 OTH LYMP	0.0	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.7	0.0	0.0	1.0	1.2	0.0
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204 LEUK LYM	0.0	3.8	0.0	4.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.8	0.0
205 LEUK MYE	0.0	0.0	0.0	0.0	0.0	0.0	8.9	0.0	0.0	0.0	0.0	16.8	16.7	0.0	0.0	0.0	1.5	1.9	4.3
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	4.6	11.4	0.0	9.3	12.0	0.0	17.7	8.7	44.8	31.6	157.1	235.1	284.0	386.0	323.8	65.4	44.1	57.6	108.8

POPULATION-BASED CANCER REGISTRY BARSHI

Sex : Females

Year : 1989

AVERAGE ANNUAL AGE-SPECIFIC, WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCIDENCE RATE
PER 100,000 PERSONS

ICD.9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	CR	AAR	TCR
140 LIP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.5	0.6	2.0
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.0
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	25.8	0.0	0.0	1.0	1.4	2.0
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	15.8	0.0	0.0	0.0	1.0	1.3	4.1
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	1.5
154 RECTUM	0.0	0.0	0.0	0.0	0.0	14.7	7.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.7	0.0
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	2.0
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165 OTHER RE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.0	0.0	0.0	6.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	25.8	55.5	0.0	2.0	2.4	0.0
171 CONNECTI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.5	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	2.0
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.2	0.0	0.0	0.0	0.0	0.0	55.5	33.8	2.0	2.3	1.8
174 BREAST F	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	9.2	31.6	23.7	16.4	31.6	25.8	0.0	0.0	5.5	6.8	19.4
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
180 CERVIX U	0.0	0.0	0.0	0.0	0.0	7.3	39.7	46.7	46.1	73.8	47.4	65.6	142.0	25.8	55.5	33.8	23.0	26.2	66.7
181 PLACENTA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
183 OVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.9	3.0
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	33.8	1.0	1.3	2.0
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
189 KIDNEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
190 EYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
191 BRAIN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
194 OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	31.6	0.0	0.0	0.0	1.0	1.3	4.1
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.0	0.5	0.7	2.1
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198 SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.8	0.0	0.0	11.8	0.0	0.0	0.0	0.0	0.0	1.0	1.1	3.4
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.8	0.0	0.0	0.0	0.5	0.6	2.0
201 HODGKINS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
202 OTH LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16.4	0.0	25.8	0.0	0.0	1.0	1.4	2.1
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
204 LEUK LYM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
205 LEUK MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
206 LEUK MON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	0.0	0.0	0.0	0.0	6.4	22.0	55.6	85.7	64.6	147.6	82.9	114.7	268.3	128.9	166.4	101.5	44.5	52.2	120.4

POPULATION-BASED CANCER REGISTRY BARSHI			Sex : Males		Year : 1989	
CUMULATIVE RISK (PER CENT)						
ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.00	0.00	0.00
141	TONGUE	0.00	0.00	0.30	0.17	0.30
142	SALIVARY GLANDS	0.00	0.00	0.04	0.04	0.04
143	GUM	0.00	0.00	0.13	0.00	0.29
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.23	0.11	0.23
146	OROPHARYNX	0.00	0.00	0.00	0.00	0.00
147	NASOPHARYNX	0.00	0.00	0.00	0.00	0.00
148	HYPOPHARYNX	0.00	0.00	0.36	0.36	0.36
149	PHARYNX ETC	0.00	0.00	0.17	0.17	0.17
150	OESOPHAGUS	0.00	0.00	0.63	0.37	1.11
151	STOMACH	0.00	0.00	0.13	0.13	0.13
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.19	0.06	0.19
154	RECTUM	0.00	0.00	0.44	0.31	0.60
155	LIVER	0.00	0.00	0.30	0.30	0.30
156	GALL BALDDER	0.00	0.00	0.00	0.00	0.00
157	PANCREAS	0.00	0.00	0.00	0.00	0.00
158	RETROPERITONEUM	0.00	0.00	0.30	0.17	0.30
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.00	0.00	0.00
161	LARYNX	0.00	0.00	0.14	0.14	0.14
162	LUNG	0.00	0.00	0.26	0.13	0.26
163	PLEURA	0.00	0.00	0.00	0.00	0.00
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.00	0.00	0.00	0.00
171	CONNECTIVE TISS	0.02	0.02	0.00	0.05	0.05
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.00	0.27	0.14	0.27
175	BREAST MALE	0.00	0.00	0.00	0.00	0.00
185	PROSTATE	0.00	0.00	0.20	0.20	0.20
186	TESTIS	0.00	0.00	0.13	0.00	0.13
187	PENIS ETC	0.00	0.00	0.43	0.43	0.75
188	URI BLADDER	0.00	0.00	0.13	0.00	0.13
189	KIDNEY	0.02	0.00	0.00	0.02	0.02
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.00	0.00	0.00	0.00	0.00
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.03	0.00	0.03	0.03
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.08	0.08	0.08
196	SEC LYMPH NODES	0.00	0.00	0.14	0.14	0.31
197	SEC RES ETC	0.00	0.00	0.21	0.08	0.21
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.00	0.00	0.13	0.00	0.45
200	LYMPHOSARCOMA	0.00	0.00	0.08	0.08	0.08
201	HODGKINS DIS	0.00	0.07	0.00	0.07	0.07
202	OTH LYMPHOMA	0.02	0.00	0.13	0.02	0.15
203	MULT MYELOMA	0.00	0.00	0.00	0.00	0.00
204	LEUK LYMPHATIC	0.02	0.02	0.00	0.04	0.04
205	LEUK MYELOID	0.00	0.04	0.17	0.21	0.21
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.00	0.00	0.00
ALL SITES		0.08	0.19	5.58	4.00	7.09

POPULATION-BASED CANCER REGISTRY BARSHI			Sex : Females		Year : 1989	
CUMULATIVE RISK (PER CENT)						
ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.00	0.00	0.00
141	TONGUE	0.00	0.00	0.00	0.00	0.00
142	SALIVARY GLANDS	0.00	0.00	0.00	0.00	0.00
143	GUM	0.00	0.00	0.00	0.00	0.00
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.08	0.08	0.08
146	OROPHARYNX	0.00	0.00	0.00	0.00	0.00
147	NASOPHARYNX	0.00	0.00	0.00	0.00	0.00
148	HYPOPHARYNX	0.00	0.04	0.00	0.04	0.04
149	PHARYNX ETC	0.00	0.00	0.00	0.00	0.00
150	OESOPHAGUS	0.00	0.00	0.18	0.05	0.18
151	STOMACH	0.00	0.00	0.13	0.13	0.13
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.04	0.04	0.04
154	RECTUM	0.00	0.11	0.00	0.11	0.11
155	LIVER	0.00	0.00	0.00	0.00	0.00
156	GALL BALDDER	0.00	0.00	0.00	0.00	0.00
157	PANCREAS	0.00	0.00	0.05	0.05	0.05
158	RETROPERITONEUM	0.00	0.00	0.00	0.00	0.00
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.00	0.00	0.00	0.00
161	LARYNX	0.00	0.00	0.00	0.00	0.00
162	LUNG	0.00	0.00	0.00	0.00	0.00
163	PLEURA	0.00	0.00	0.00	0.00	0.00
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.03	0.13	0.03	0.44
171	CONNECTIVE TISS	0.00	0.00	0.05	0.05	0.05
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.00	0.05	0.05	0.32
174	BREAST FEM	0.00	0.00	0.73	0.60	0.73
179	UTERINE UNS	0.00	0.00	0.00	0.00	0.00
180	CERVIX UTERI	0.00	0.23	2.21	2.32	2.71
181	PLACENTA	0.00	0.00	0.00	0.00	0.00
182	BODY UTERUS	0.00	0.00	0.00	0.00	0.00
183	OVARY	0.00	0.00	0.08	0.08	0.08
184	VAGINA	0.00	0.00	0.08	0.08	0.08
188	URI BLADDER	0.00	0.00	0.00	0.00	0.00
189	KIDNEY	0.00	0.00	0.00	0.00	0.00
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.00	0.00	0.00	0.00	0.00
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.00	0.00	0.00	0.00
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.16	0.16	0.16
196	SEC LYMPH NODES	0.00	0.00	0.08	0.08	0.08
197	SEC RES ETC	0.00	0.00	0.00	0.00	0.00
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.00	0.00	0.10	0.10	0.10
200	LYMPHOSARCOMA	0.00	0.00	0.08	0.08	0.08
201	HODGKINS DIS	0.00	0.00	0.00	0.00	0.00
202	OTH LYMPHOMA	0.00	0.00	0.21	0.08	0.21
203	MULT MYELOMA	0.00	0.00	0.00	0.00	0.00
204	LEUK LYMPHATIC	0.00	0.00	0.00	0.00	0.00
205	LEUK MYELOID	0.00	0.00	0.00	0.00	0.00
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.00	0.00	0.00
ALL SITES		0.00	0.42	4.37	4.15	5.16

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
142	SALIVARY GLANDS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
143	GUM	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
146	OROPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
147	NASOPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
148	HYPOPHARYNX	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
149	PHARYNX ETC	1	50.00	0	0.00	0	0.00	0	0.00	1	50.00	2	100.00
150	OESOPHAGUS	8	80.00	1	10.00	0	0.00	0	0.00	1	10.00	10	100.00
151	STOMACH	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
154	RECTUM	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
155	LIVER	2	50.00	1	25.00	1	25.00	0	0.00	0	0.00	4	100.00
156	GALL BALDDER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
157	PANCREAS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
158	RETROPERITONEUM	2	66.67	1	33.33	0	0.00	0	0.00	0	0.00	3	100.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
161	LARYNX	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
162	LUNG	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
171	CONNECTIVE TISS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
175	BREAST MALE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
185	PROSTATE	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
186	TESTIS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
187	PENIS ETC	7	87.50	0	0.00	1	12.50	0	0.00	0	0.00	8	100.00
188	URI BLADDER	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
189	KIDNEY	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
190	EYE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
191	BRAIN	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
196	SEC LYMPH NODES	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
197	SEC RES ETC	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00	3	100.00
200	LYMPHOSARCOMA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
201	HODGKINS DIS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
202	OTH LYMPHOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
203	MULT MYELOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
204	LEUK LYMPHATIC	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
205	LEUK MYELOID	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ALL SITES TOTALS		73		3		9		0		5		90	
%		81.11		3.33		10.00		0.00		5.56		100.00	

INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

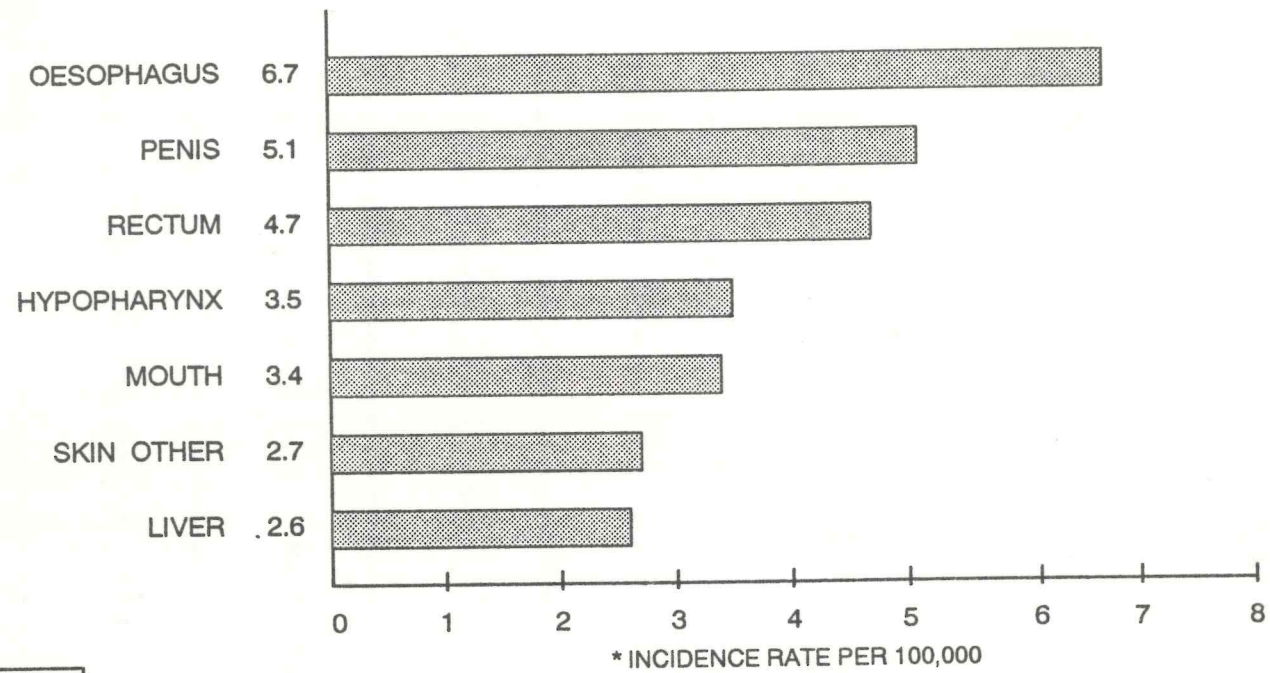
ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
142	SALIVARY GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
143	GUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
146	OROPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
147	NASOPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
148	HYPOPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
149	PHARYNX ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
150	OESOPHAGUS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
151	STOMACH	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
154	RECTUM	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
155	LIVER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
156	GALL BALDDER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
157	PANCREAS	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
161	LARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
162	LUNG	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	2	50.00	1	25.00	1	25.00	0	0.00	0	0.00	4	100.00
171	CONNECTIVE TISS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
174	BREAST FEM	10	90.91	0	0.00	1	9.09	0	0.00	0	0.00	11	100.00
179	UTERINE UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
180	CERVIX UTERI	44	95.65	0	0.00	2	4.35	0	0.00	0	0.00	46	100.00
181	PLACENTA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
182	BODY UTERUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
183	OVARY	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
184	VAGINA	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
188	URI BLADDER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
189	KIDNEY	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
190	EYE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
191	BRAIN	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
192	NERVOUS SYSTEM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
194	OTH ENDO GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
196	SEC LYMPH NODES	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
197	SEC RES ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00	2	100.00
200	LYMPHOSARCOMA	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
201	HODGKINS DIS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
202	OTH LYMPHOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
203	MULT MYELOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
204	LEUK LYMPHATIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
205	LEUK MYELOID	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ALL SITES TOTALS		77		2		7		0		3		89	
%		86.52		2.25		7.87		0.00		3.37		100.00	

140 L
141 T
142 S
143 C
144 F
145 C
146 C
147 M
148 H
149 F
150 C
151 S
152 S
153 C
154 F
155 L
156 G
157 P
158 F
159 C
160 N
161 L
162 L
163 P
164 T
165 C
170 B
171 C
172 S
173 S
175 B
185 P
186 T
187 P
188 U
189 K
190 E
191 B
192 N
193 TI
194 O
195 IL
196 SI
197 SI
198 SI
199 PI
200 LY
201 H
202 O
203 M
204 LE
205 LE
206 LE
207 LE
208 LE

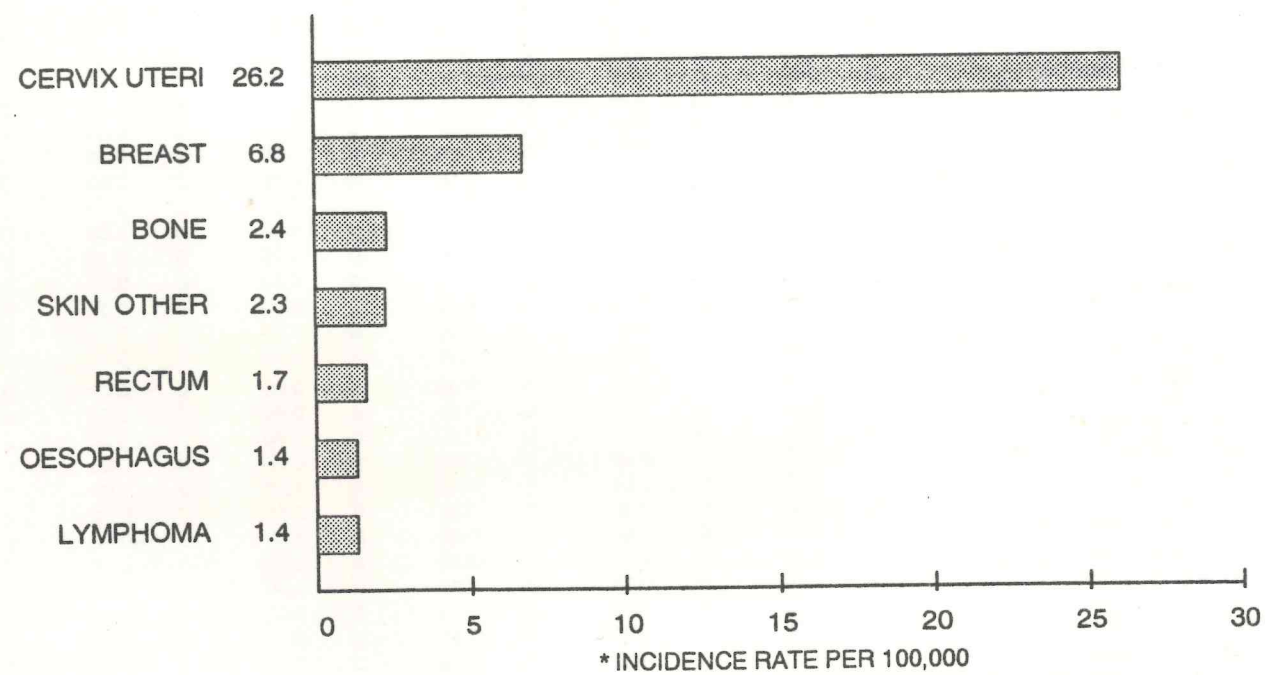
ALL SIT
%

BARSHI - 1989
MOST COMMON FORMS OF CANCERS

MALES



FEMALES



* AGE-ADJUSTED (WORLD POPULATION)

