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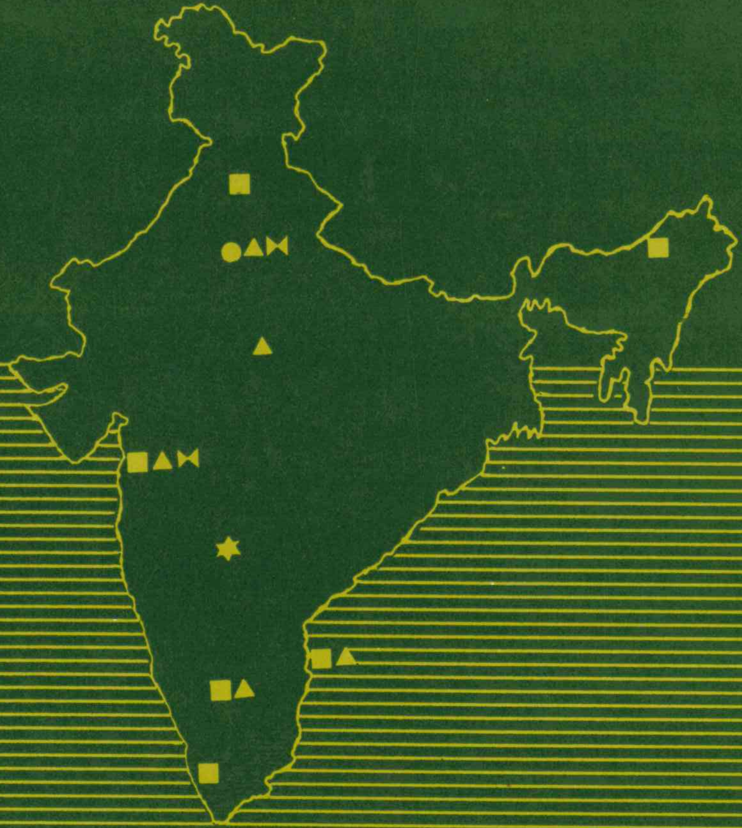

NATIONAL CANCER REGISTRY PROGRAMME

A PROJECT OF
INDIAN COUNCIL OF MEDICAL RESEARCH
ANSARI NAGAR, NEW DELHI-110 029

ANNUAL REPORT 1987

NATIONAL CANCER REGISTRY PROGRAMME

(A PROJECT OF INDIAN COUNCIL OF MEDICAL RESEARCH)

ANSARI NAGAR , NEW DELHI 110 029

OCTOBER, 1990

Cancer Registries provided case by case core data on cancer patients. Tabulations, statistical analysis and preparation of population-based cancer registries report is done by Mr. D. K. Jain at Technical Wing (Delhi) of the National Cancer Registry Programme.

Tabulations, statistical analysis and preparation of hospital cancer registries report is done by Dr. L. D. Sanghvi and Dr. S. Krishnamurthy at Technical Wing (Bombay) of the National Cancer Registry Programme.

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(A PROJECT OF INDIAN COUNCIL OF MEDICAL RESEARCH)

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PREFACE

It gives me great pleasure to introduce the sixth report of National Cancer Registry Programme (erstwhile National Cancer Registry Project) for the year 1987.

It may be recalled that the NCRP was initiated in 1981- 1982 by the ICMR by augumenting 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) at Chandigarh, Dibrugarh and Trivandrum. 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.

It was soon realised that for assessment of patient care including spread of disease prior to treatment and modalities of treatment, there was a need for a larger cancer patient data base. The ICMR decided to add three more HCRs at Bangalore, Bombay and Madras in 1984. Later on three more PBCRs at Bhopal in 1986 and at Delhi & a rural registry at Barshi in Maharashtra in 1987 were added under the NCRP network. Thus six PBCRs and six HCRs have provided the data on the magnitude of cancer problem in the country, the common types of cancers and their geographical variations, life time cancer risks and leads for further research in cancer.

Operational Wing at ICMR HQs in Delhi and Technical Wing (Bombay and Delhi) have been coordinating the functioning of NCRP since its inception. 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.

Since the registry programme has grown in material and in content, it was therefore felt that in alternate years, the focus at the annual review meetings and the consolidated report should be on the PBCRs or on the HCRs. The current report focuses therefore on PBCRs and includes incidence data and their rates for 1986 and 1987 for three PBCRs in Bangalore, Bombay and Madras . Limited data on Bhopal, Delhi and Barshi PBCRs has also been included which is still provisional. A brief report on HCRs has also been presented for the year 1987.

Most of the technical work including data transfer to the Technical Wing (Delhi and Bombay) is carried out with the help of computers and produce the appropriate tables on the basis of this material. 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 has facilited the cleaned data. In order to improve the estimate of the denominator-populations, an expert from the International Institute for Population Sciences, Bombay has been consulted.

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

The NCRP 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 over time, 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 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 ICMR has recently decided to subject its major research programmes to performance evaluation by outside experts who are not part of the programme but have either specific or general experience in the field of concerned programme so as to exclude any possibility of bias. Two such programmes of the Council are (i) National Cancer Registry Programme (NCRP) of NCD division and (ii) Human Resource Research Centres (HRRC) of HRDR division.

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. In their performance evaluation report, the committee is largly satisfied with the functioning of the registries. It was further observed by the committee that there has been an increasing demand for admission and treatment of cancer patients at all the registry centres which reflects the greater awareness about cancer in the public. However, the stage distribution of the common cancers have not shown any significant change indicating (i) that more intensive public education is needed and (ii) the imperative need for programme for clinical downstaging at least in the common cancers i.e., uterine cervix, breast and oral cancers.

Dr. John Young (USA) and Dr. M. Hakama (Finland) have opined in their report of November, 1989 that the NCRP has been successful. However ,three main problem areas have been identified by them in fulfiling the objectives of NCRP which are (i) to improve the coverage and quality of the data , (ii) to strengthen coordination among the registries and between the registries and ICMR, and (iii) to expand the utilization of the data into epidemiological cancer research. Action on each of these aspects has been initiated / strengthened.

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
PROGRAMME DIRECTOR &
ADDL. DIRECTOR GENERAL
ICMR

CONTENTS

PART I

POPULATION-BASED CANCER REGISTRIES

CONSOLIDATED REPORT

PREPARED BY
D. K. JAIN

1 INTRODUCTION

This is the sixth consolidated annual report of the National Cancer Registry Project (Population-Based Cancer Registries-PBCRs) . It includes incident cancer cases registered during the year 1986 and 1987 by the PBCRs at Bangalore, Bombay and Madras. These PBCRs registered a total of 12095 & 11596 new cancer cases during 1987 & 1986 respectively. In earlier years, they had contributed 11199 cases in 1985, 10540 cases in 1984, 10179 cases in 1983 and 10096 cases in 1982. Thus a total of 65705 (males : 32992, females : 32713) new cancer cases were registered by these registries during 1982-1987.

The data of Bhopal, Delhi and Barshi (rural) registries is provisional. Bhopal had registered 354 cases in 1986 and 414 cases in 1987 . Delhi had 4123 cases in 1987 while Barshi had recorded 85 cases only (for six months period : July 1 to December 31, 1987).

1.1 Format of the Report

The first part of the report presents the recent data on cancer incidence of Bangalore, Bombay & Madras. The emphasis in this report is on cancer incidence during the years 1986-1987. Analysis of data has been done by age, sex and site (ICD.9) for new cancer cases, incidence rates and method of diagnosis . No detailed tables are presented for Bhopal, Delhi and Barshi registries. However, limited data of Bhopal and Delhi registries is presented.

Population at risk has been estimated for the years 1986 and 1987 (as on 1st July), by using the exponential rate growth method for the registry centres. These estimates have been prepared in consultation with Dr. P.C. Saxena, International Institute for Population Sciences, Bombay.

The second part of this report presents a brief report on the hospital cancer registries.

1.2 Utility of the Registries Data

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 compo sition and size.

In the control of cancer, registries can provide information on cancer burden in a community, providing the data needed to uncover the causes of cancer in humans and for evaluation of the effects of steps taken to control the disease.

Cancer control activities include :

(1) continued assessment of the levels of cancer in the population;

(2) provision of the personnel, hospital and other facilities and equipment needed for the diagnosis, treatment and rehabilitation of the cancer patient;

(3) evaluation of the effect of early diagnosis and treatment; &

(4) identification by epidemiological and laboratory studies of the initiating and promoting agents that cause cancer (Parkin D. M. et al).

1.3 Coding Manual

The coding manual for PBCR was prepared by the Technical Wing 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.

1.4 Use of Computer

All the PBCRs are now using micro-computer for data entry on floppy disks. The Bangalore, Bombay, Madras, Bhopal, Delhi and Barshi (Rural) registries had entered their data for the year 1986 & 1987 on floppy disks and 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.

Reference :

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 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 in Bangalore, Bombay and Madras. Incidence rates are also computed for Bhopal, Delhi & Barshi, which are provisional. A comparison of incidence rates of Indian registries has also 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 are as follows :

POPULATION-AT-RISK AND AREA COVERED

REGISTRY		AREA*	POPULATION-AT-RISK (in millions) MALE	FEMALE	TOTAL
Bangalore	#	191.2	2.1	2.0	4.1
Bombay	#	603.0	5.5	4.5	10.0
Madras	#	170.0	2.0	1.8	3.8
Bhopal	#	284.9	0.5	0.5	1.0
Delhi	#	591.9	4.2	3.4	7.6
Barshi (Rural)	@	3713.4	0.2	0.2	0.4

* Square Kilometers # Estimates As On July 1, 1987 @ Estimates As On October 1, 1987

2.2 CANCER DATA

The incidence data is based on cancer cases diagnosed during six year period (from January 1, 1982 to December 31, 1987). Table below presents the incident cases of cancer by the registries.

INCIDENT CASES OF CANCER REGISTERED BY THE REGISTRIES (1982-1987)

REGISTRY	MALE	FEMALE	TOTAL
Bangalore	6,095	6,944	13,039
Bombay	20,021	16,662	36,683
Madras	6,876	9,107	15,983
Bhopal * $	399	369	768
Delhi * @	2,131	1,992	4,123
Barshi * + (Rural)	39	46	85

* Provisional $ 1986-1987, @ 1987 + six months only (1.7.87 to 31.12.87)

2.3 DIAGNOSTIC CRITERIA

The diagnostic criteria used to diagnose cancer, during the years 1982-1987, by the PBCRs, for men and women, for all sites (ICD.9 : 140-208) and all ages were as follows :

METHODS OF DIAGNOSIS (MOST VALID BASIS OF DIAGNOSIS) OF CANCER (%)

METHOD OF DIAGNOSIS	BANGALORE *	BOMBAY *	MADRAS *	BHOPAL +	DELHI $	BARSHI @
Microscopic verification	78.1	71.0	68.0	77.0	67.0	78.0
X-Ray	3.8	4.0	3.0	6.2	0.3	1.0
Clinical Only	7.9	14.0	18.0	13.2	19.2	8.0
Others	0.5	2.0	4.0	2.0	0.5	0.0
DCO	9.7	9.0	7.0	1.6	13.0	13.0
TOTAL %	100.0	100.0	100.0	100.0	100.0	100.0
n	13039	36683	15983	768	4123	85

* For 1982-1987. + For 1986-1987. $ For 1987. @ For Six Months Only (July 1 to December 31, 1987)

2.3a 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 number of incidence cases registered then registra tion 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 indica tion as to the completeness of registration.

The table below gives the indices of reliability, by sex, for all sites and all ages, 1982-1987, for Bangalore, Bombay and Madras registries.

INDICES OF RELIABILITY
SITE : ALL SITES (ICD.9 : 140-208). AGE : ALL AGES

DESCRIPTION	BANGALORE MALE	BANGALORE FEMALE	BOMBAY MALE	BOMBAY FEMALE	MADRAS MALE	MADRAS FEMALE
Total Incident cases	6095	6944	20021	16662	6876	9107
Microscopically Verified (MV)	4539	5650	14005	12096	4342	6420
Death Certificate only (DCO)	717	549	1789	1672	623	538
Total Cancer Deaths	1599	1232	10234	7845	2175	1778
MV (%)	74.5	81.4	70.0	72.6	63.1	70.5
DCO (%)	11.8	7.9	8.9	10.0	9.1	5.9
(M/I) (%)	26.2	17.7	51.1	47.1	31.6	19.5

2.4 CANCER INCIDENCE

The National Cancer Registry Programme is now providing valuable 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. The average annual age-adjusted (World population) incidence rates, for all types of cancers, during the years 1982-1987, are 91.4, 118.9 and 90.3 per 100,000 males and 110.1, 109.6, and 119.7 per 100,000 females in Bangalore, Bombay and Madras respectively. ncidence rates for Bhopal (Male : 86.4, Female : 83.1 per 100,000, during 1986-87), Delhi (Male : 83.7, Female : 90.8 per 100,000, during 1987) and Barshi (rural) (Male : 38.7, Female 46.7; crude rates only, per 100,000, during 987) areas are provisional.

AVERAGE ANNUAL CANCER INCIDENCE RATES PER 100, 000 PERSONS

REGISTRY	YEAR STUDIED	MALES CR	MALES AAR	MALES TCR	FEMALES CR	FEMALES AAR	FEMALES TCR
Bangalore	1982-1987	53.8	91.4	156.1	67.8	110.1	244.4
Bombay	1982-1987	65.0	118.9	183.0	68.2	109.6	217.6
Madras	1982-1987	62.2	90.3	169.7	87.1	119.7	282.6
Bhopal *	1986-1987	43.1	86.4	151.1	44.6	83.1	191.7
Delhi *	1987	50.8	83.7	143.6	58.3	90.8	201.9
Barshi *	1987	38.7	—	—	46.7	—	—

* Provisional CR-Crude Rate AAR-Age-adjusted Rate (World population) TCR-Truncated Rate (35-64 years) (World population)

The crude cancer incidence rates per 100,000 in Barshi registry (rural) are 38.7 in males and 46.7 in females respec tively. Thus it appears that cancer incidence rates may be lower in rural areas in comparison to urban centres. These figures are, however, provisional.

In table 2.4, incidence rates are compared for the registries year wise.

Over all age-adjusted rates (adjusted to world population), among males, for Bombay (118.9) are higher than Madras (90.3) and Bangalore (91.4). In comparison with other registries, the Connecticut registry exhibits age adjusted rates more than double those of Indian registries.

On the other hand, female age adjusted rates are high in Madras (119.7) & Bangalore (110.1) than males. Bombay females have the low rates (109.6) compared to males (118.9). The AAR for females , in Indian registries, are lower than the Cali (Colombia), Connecticut, Oxford, Finland and Japan rates (Table 2.41).

The truncated incidence rate (TR), 35-64 years, is the most useful rate for comparing incidence 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. These truncated rates, for males and females, are also presented in table 2.41 for Indian registries as well as for selected countries, taken from the Cancer Incidence in Five Continents, Vol V. The TR also show that there is some variation in the cancer incidence rates in males and females in these age groups in the Indian registries. This also suggests a possibility of differential under registration in the three registries to account for differences in the AAR. In females, the TR are higher in Madras (282.6), followed by Bangalore (244.4) and Bombay (217.6).

TABLE 2.4

COMPARISON OF INCIDENCE RATES - CRUDE (CR), AGE-ADJUSTED TO WORLD POPULATION (AAR) & TRUNCATED TO WORLD POPULATION (35-64 YEARS) (TR), PER 100,000 PERSONS, BETWEEN REGISTRIES. ALL SITES (ICD.9 : 140-208) . YEARS : 1982 - 1987.

REGISTRIES	YEAR	MALES CASES	MALES CR	MALES AAR*	MALES TR**	FEMALES CASES	FEMALES CR	FEMALES AAR*	FEMALES TR**
Bangalore	1982	969	58.5	97.4	173.3	1168	68.9	110.3	248.7
	1983	916	52.4	88.0	148.2	1086	68.9	110.3	248.7
	1984	932	50.5	84.5	150.7	1089	65.3	107.8	235.1
	1985	1029	52.8	90.1	150.5	1066	60.4	98.5	216.8
	1986	1056	51.3	86.8	152.5	1180	63.2	102.7	230.8
	1987	1193	54.9	96.9	155.3	1355	68.6	112.2	248.5
Bombay	1982	3128	65.6	117.7	186.9	2526	68.0	108.9	212.5
	1983	3125	63.5	112.8	182.2	2496	64.7	102.5	203.9
	1984	3244	64.0	118.4	179.4	2715	67.8	108.1	217.6
	1985	3470	66.4	122.0	186.4	2954	71.0	115.0	230.9
	1986	3484	64.7	119.5	179.1	2975	68.9	111.4	220.1
	1987	3570	64.4	119.6	180.5	2996	66.8	107.8	212.5
Madras	1982	998	57.2	80.7	151.5	1307	79.8	106.4	255.7
	1983	1098	61.5	87.1	173.9	1458	86.7	118.7	284.0
	1984	1104	60.4	85.4	166.6	1456	84.4	115.6	270.0
	1985	1131	60.5	89.2	158.8	1549	87.5	122.1	286.4
	1986	1234	64.6	97.3	176.8	1667	91.8	127.7	302.5
	1987	1311	67.1	99.4	186.2	1670	89.6	124.1	289.0
Bhopal $	1986	182	38.1	76.5	130.8	172	40.2	73.6	168.9
	1987	217	43.1	86.4	153.7	197	43.4	81.9	189.9
Delhi $	1987	2131	50.8	83.7	143.6	1992	58.3	90.8	201.9
Barshi $ (Rural)	1987	39	38.7	—	—	46	46.7	—	—

* WORLD POPULATION ** (35-64 YEARS : WORLD POPULATION) $ PROVISIONAL

TABLE 2.41

INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) (WORLD POPULATION) AND TRUNCATED (TR) (35-64 YEARS) (WORLD POPULATION) 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
1982-87	India			
	Bombay		118.9	183.0
	Madras		90.3	169.7
	Bangalore		91.4	156.1
1986-87	Bhopal $		86.4	151.1
1987	Delhi $		83.7	143.6

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
1982-87	India			
	Bombay		109.6	217.6
	Bangalore		110.1	244.4
	Madras		119.7	282.6
1986-87	Bhopal $		83.1	191.7
1987	Delhi $		90.8	201.9

$ PROVISIONAL

SOURCE : CANCER INCIDENCE IN FIVE CONTINENTS, VOL.V, 1987. NCRP DATA, 1982-87.

2.5 CUMULATIVE INCIDENCE RATE

Age specific cancer incidence rates (ASR) 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 74 (0-74) 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).

It has been suggested that for comparing cumulative incidence rates, nationally or internationally, it is advisable to make one comparison for childhood cancers aged 0-14 years, another for young adults aged 15-34 years, and a third for mature adults aged 35-69 . Comparison of rates among the older people may pose problems of differential diagnosis among many concurrent diseases.

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 are calculated for all sites (ICD.9 : 140-208) and also for selected sites . Table 2.5 presents the age cumulative incidence rates, for all sites. It is apparent from the table that on an average one out of 8 to 12 people in metropolitan cities of India get cancer in their life time (0-74 years). No essential difference in life time cancer incidence rate was observed in each registry. It is conspicuous to observe that on an average one out of 3 to 4 persons get cancer in their life time in Connecticut (USA) and in United Kingdom (Oxford).

TABLE 2.5

LIFE-TIME CUMULATIVE RISK (%) IN INDIA (0-74 YEARS)

REGISTRY		CUMULATIVE RISK (%)		ONE IN HOW MANY PEOPLE WILL GET CANCER IN THEIR LIFE TIME	
		MALE	FEMALE	MALE	FEMALE
BANGALORE	*	10.1	11.2	10	9
BOMBAY	*	12.7	11.3	8	9
MADRAS	*	9.5	11.6	11	9
BHOPAL	$	9.8	8.5	10	12
DELHI	@	9.0	9.1	11	11
U.S.A (Connecticut)	&	37.2	29.9	3	3
U. K. (Oxford)	+	32.8	25.5	3	4

* for 1982-87 $ for 1986-87 @ for 1987 & for 1978-82 + for 1979-82

2.6 TRUNCATED INCIDENCE RATE

The truncated incidence rates (35-64 years), adjusted to world population, are 156.1, 183.0 and 169.7 per 100,00 men and 244.4, 217.6 and 282.6 per 100,000 women in Bangalore, Bombay and Madras areas respectively.

Truncated incidence rates for gastrointestinal cancers, both men and women, are higher than lip, oral cavity & pharynx cancers, except in Bombay males.

AVERAGE ANNUAL TRUNCATED (35-64 YEARS) (WORLD POPULATION) INCIDENCE RATES PER 100,000 PERSONS (1982-87)

MALES

SITE	(ICD.9)	BANGALORE	BOMBAY	MADRAS
Lip, Oral Cavity and Pharynx	(140-149)	29.6	49.1	40.3
Tongue	(141)	5.9	12.9	9.9
Mouth	(143-145)	8.4	11.3	13.1
Hypopharynx	(148)	9.2	13.9	9.9
Gastro-Intestinal	(150-159)	50.8	47.6	59.0
Oesophagus	(150)	14.6	16.8	14.3
Stomach	(151)	17.5	10.7	28.9
Respiratory	(160-165)	24.2	37.6	26.3
Larynx	(161)	7.1	13.9	7.4
Trachea, Bronchus and Lung	(162)	16.1	21.4	17.2
Genital Tract	(185-187)	7.9	8.0	8.8
ALL SITES	(140-208)	156.1	183.0	169.7

FEMALES

SITE	(ICD.9)	BANGALORE	BOMBAY	MADRAS
Lip, Oral Cavity and Pharynx	(140-149)	27.5	21.7	30.8
Mouth	(143-145)	21.0	8.8	18.8
Gastro-Intestinal	(150-159)	42.3	39.0	37.4
Oesophagus	(150)	15.7	14.6	12.3
Stomach	(151)	11.2	7.4	14.5
Respiratory	(160-165)	5.9	9.1	5.0
Larynx	(161)	1.2	2.5	1.2
Trachea, Bronchus and Lung	(162)	3.1	4.6	2.9
Breast	(174)	40.2	51.2	45.6
Genital Tract	(179-184)	91.1	66.5	140.5
Uterine Cervix	(180)	73.8	45.0	118.4
Ovary	(183)	9.9	12.7	11.7
ALL SITES	(140-208)	244.4	217.6	282.6

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.

2.7 MOST COMMON FORMS OF CANCERS

The most common forms of cancers in men and women in Bangalore, Bombay and Madras areas are as follows :

MOST COMMON FORMS OF CANCERS

AVERAGE ANNUAL AGE ADJUSTED (WORLD POPULATION) INCIDENCE RATES, PER 100,000 PERSONS (1982-87)

MALES

	BANGALORE	BOMBAY	MADRAS
1.	Stomach (9.8)	Trachea, Bronchus & Lung (13.3)	Stomach (14.2)
2.	Trachea, Bronchus & Lung (10.8)	Oesophagus (8.7)	Trachea, Bronchus & Lung (7.7)
3.	Oesophagus (7.6)	Larynx (8.2)	Oesophagus (7.2)
4.	Hypopharynx (5.6)	Hypopharynx (8.0)	Mouth (6.6)
5.	Prostate (4.3)	Tongue (7.0)	Hypopharynx (4.8)
6.	Mouth (4.0) Larynx (4.0)	Stomach (6.9)	Tongue (4.4)
7.	Tongue (3.3)	Prostate (6.3)	Larynx (4.3)
8.	Urinary Bladder (3.0)	Mouth (5.5)	Penis (2.7)

FEMALES

	BANGALORE	BOMBAY	MADRAS
1.	Cervix Uteri (29.3) *	Breast (22.8)	Cervix Uteri (44.4)
2.	Breast (16.7)	Cervix Uteri (18.1)	Breast (18.9)
3.	Mouth (9.4)	Oesophagus (7.9)	Mouth (8.0)
4.	Oesophagus (7.9)	Ovary (6.1)	Stomach (6.3)
5.	Stomach (5.3)	Stomach (4.2)	Oesophagus (5.5)
6.	Ovary (4.5)	Mouth (4.1)	Ovary (5.2)
7.	Thyroid Gland (2.5) Rectum (2.5)	Trachea, Bronchus & Lung (2.9)	Vagina (2.1)
8.	Trachea, Bronchus & Lung (1.7)	Tongue (2.4) Colon (2.4)	Rectum (1.8)

2.8 SOME OBSERVATIONS ON SELECTED CANCER SITES

2.8.1 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 three registries i.e., Bangalore , Bombay and Madras.

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 the 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, Bangaladesh, 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).

Epidemiological 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.

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

The 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 by Hirayama (1966) has made interesting observations. There is a wide variation in the 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).

AVERAGE ANNUAL AGE-ADJUSTED (WORLD POPULATION) INCIDENCE RATE PER 100,000 (1982-1987) LIP, ORAL CAVITY AND PHARYNX (ICD 9:140-149)

ICD.9	SITE	MALES			FEMALES		
		BANGALORE	BOMBAY	MADRAS	BANGALORE	BOMBAY	MADRAS
140-149	Lip, Oral Cavity & Pharynx	16.1	27.2	19.7	12.9	10.4	13.0
140	Lip	0.1	0.3	0.3	0.1	0.2	0.3
141	Tongue	3.3	7.0	4.4	1.0	2.4	1.4
142	Salivary Glands	0.3	0.4	0.6	0.4	0.4	0.5
143-145	Mouth	4.0	5.5	6.6	9.4	4.1	8.0
146	Oropharynx	1.8	3.1	1.6	0.3	0.6	0.5
147	Nasopharynx	0.5	0.7	0.7	0.2	0.3	0.3
148	Hypopharynx	5.6	8.0	4.8	1.2	1.8	1.7
149	Pharynx etc.	0.5	2.2	0.7	0.3	0.6	0.3

COMPARISON OF LIFE TIME CUMULATIVE CANCER INCIDENCE RATES (0-74 YEARS) 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	FEMALE	MALE	FEMALE
BANGALORE	2.0	1.5	50	67
BOMBAY	3.3	1.3	30	77
MADRAS	2.4	1.5	42	67

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

In the digestive system, the oesophagus is clearly the most frequently affected site in Bombay.

It is interesting to observe that the disease mainly occur in the persons who are 30 years and above and the ASR vary between 1 and 75 per 100,000.

One of the prominent epidemiologic characterstics 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 registeries in Cancer Incidence in Five Continents (Vol. V, 1987). But unlike as at other registries, Bombay presents high AAR together with a low sex ratio (M/F = 1.4 : 1). In Madras, sex ratio is lower (M/F = 1.3 : 1) than Bombay. While in Bangalore the sex ratio is almost equal to one (M/F = 0.96 : 1).

Although tobacco in its various forms is clearly associated with the disease; however, it does not provide an explanation for the sex ratio.

INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) WORLD POPULATION) AND TRUNCATED (TR) (WORLD POPULATION) (35-64 YEARS) INCIDENCE RATE PER 100,000

OESOPHAGUS CANCER (ICD.9 : 150)

MALES

YEAR STUDIED	REGISTRY		AAR	TR
1978-82	China (Shanghai)		20.8	21.0
1978-8	Singapore (Chinese)		13.5	13.9
1978-81	Japan (Miyagi)		13.3	14.5
1978-82	USA (Connecticut)	White	5.1	6.2
		Black	24.0	47.8
1979-82	UK (Oxford)		3.6	2.8
1977-81	Finland		3.7	3.4
1982-87	India			
	Bombay		10.8	16.8
	Bangalore		7.6	14.6
	Madras		7.2	14.3
1986-87	Bhopal $		8.8	16.1
1987	Delhi $		4.2	8.6

FEMALES

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
1982-87	India			
	Bangalore		7.9	15.7
	Bombay		7.9	14.6
	Madras		5.5	2.3
1986-87	Bhopal $		5.3	9.1
1987	Delhi $		3.3	6.4

$ PROVISIONAL

SOURCE : CANCER INCIDENCE IN FIVE CONTINENTS, VOL. V, 1987. NCRP DATA, 1982-1987

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

Cancer of the stomach, the commonest malignancy seen in Japan, presents low AAR in Madras, Bangalore and Bombay. However, among the Indian registries the AAR of the stomach cancer in men in Madras is more than Bangalore and Bombay. The female incidence rates are, however, lower than males.

Some of the high incidence areas of stomach cancer are : Japan, Chile, Central and South America and Finland.

Epidemiologic studies indicate that the major etiologic factors in gastric cancer are environmental and specifically dietary in nature. In Japanese, the incidence of stomach cancer is higher in groups taking salted fish and pickles. Lower in groups taking green yellow vegetables and dairy products (Hirayama , 1980).

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 Euporean 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.

INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) (WORLD POPULATION) AND TRUNCATED (TR) (35-64 YEARS) (WORLD POPULATION) INCIDENCE RATE PER 100,000.

STOMACH CANCER (ICD-9 : 151)

MALES

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
1982-87	India			
	Madras		14.2	28.9
	Bangalore		9.8	17.5
	Bombay		6.9	10.7
1986-87	Bhopal $		3.8	8.0
1987	Delhi $		3.0	6.3

FEMALES

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
1982-87	India			
	Madras		6.3	14.5
	Bangalore		5.3	11.2
	Bombay		4.2	7.4
1986-87	Bhopal $		3.1	7.2
1987	Delhi $		2.1	4.9

$ PROVISIONAL

SOURCE : CANCER INCIDENCE IN FIVE CONTINENTS, VOL. V,1987. NCRP DATA, 1982-1987

2.8.4 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 is in Bombay (rates vary between 6.7 & 8.4 per 100, 000 during the period 1982 through 1987). The AAR are low in Madras (rates vary between 3.7 & 4.6 per 100, 000) and Bangalore (rates vary between 3.1 & 4.9 per 100, 000). Among females, laryngeal cancer age-adjusted rates are very low in Bangalore (rates vary between 0.3 & 1.2 per 100, 000), Bombay (rates vary between 1.2 and 2.3 per 100,000) and Madras (rates vary between 0.4 & 0.7 per 100, 000).

International comparisons are done for selected countries. The highest incidence rate of laryngeal cancer world wide has been reported from Sao Paulo (Brazil) in males. (Males - 17.8 and Females - 1.3 per 100,000).

The ratio of laryngeal cancer to lung cancer incidence, in men, ordinarily ranging from 1:5 to 1:20, is 1:1.6 in Bombay, 1:2.2 in Bangalore and 1:1.8 in Madras.

The strong relation between tobacco use and laryngeal cancer has long been known. Much of the association seen for is demographic factors such as sex, race and geographic location is probably attributable to the effects of tobacco, alcohol and occupational exposure.

INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) (WORLD POPULATION) AND TRUNCATED (TR) (35-64 YEARS) (WORLD POPULATION) INCIDENCE RATE PER 100,000.

LARYNX CANCER (ICD-9 : 161)

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
1982-87	India			
	Bombay		8.2	13.9
	Madras		4.3	7.4
	Bngalore		4.0	7.1
1986-87	Bhopal $		3.7	6.7
1987	Delhi $		5.7	11.0

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
1982-87	India			
	Bombay		1.4	2.5
	Madras		0.5	1.2
	Bangalore		0.7	1.2
1987	Delhi $		0.6	1.4
1986-87	Bhopal $		0.0	0.0

$ PROVISIONAL

SOURCE : CANCER INCIDENCE IN FIVE CONTINENTS, VOL. V, 1987. NCRP DATA, 1982-87

2.8.5 Cancer of the Trachea, Bronchus and 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.

The AAR and TR of lung cancer are much lower in India than the corresponding rates reported by other countries in Cancer Incidence in Five Continents (Vol.V).

Lung cancer is one of the most common and lethal malignant tumours known. It occurs mainly in urban areas through out the industrialised world. In India, its incidence is higher in the male population (ranges between 10 and 13 per 100,000 in the three centres) than females. Among Indian women incidence is very low (ranges between 1 and 3 per 100,000). In white American males & females (USA-Connecticut), the incidence is 64.3 and 25.3 per 100,000. The male-female ratio thus works out to 2.5 :1. 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.

Atmospheric pollution from industry and automobile exhausts is also considered to be a significant etiological factor.

There are several studies in the West on industrial lung cancers arising in workers associated with certain occupations, such as :

(i) Asbestos miners and textile workers.

(ii) Manufacturers and handlers of arsenic - containing insecticides and those working as arsenic smelters.

(iii) Chromium refining workers and nickel & iron ore miners.

(iv) Uranium and Cobalt miners.

(v) Radon daughter products.

INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR) (WORLD POPULATION) AND TRUNCATED (TR)(35-64 YEARS) (WORLD POPULATION) INCIDENCE RATE PER 100,000.

TRACHEA, BRONCHUS & LUNG (ICD.9 : 162)

			MALES		FEMALES	
YEAR STUDIED	REGISTRY		AAR	TR	AAR	TR
1979-82	UK (Oxford)		68.8	68.1	25.3	41.5
1977-81	Finland		74.2	93.2	21.9	41.1
1978-82	USA (Connecticut)	White	64.3	81.1	19.5	25.6
		Black	89.8	140.1	7.0	10.0
1977-81	Columbia (Cali)		19.5	25.5	5.4	9.5
1982-87	India					
	Bombay		13.3	21.4	2.9	4.6
	Bangalore		8.7	16.1	1.7	3.1
	Madras		7.7	17.2	1.3	2.9
1986-87	Bhopal $		10.3	19.0	1.9	3.0
1987	Delhi $		8.8	14.7	1.7	3.2

$ PROVISIONAL

SOURCE : CANCER INCIDENCE IN FIVE CONTINENTS, VOL. V, 1987. NCRP DATA, 1982-1987

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

Cancer of the breast is one of the leading sites in women in Bangalore, Bombay and Madras. The incidence rates for breast cancer are not very different from one another in the Indian registries.

The breast is the second most frequent site of cancer in Bangalore and Madras and a leading site in Bombay women. A comparison with other registries shows that the AAR and TR are relatively low in India.

The AAR for breast cancer in Bombay women are slightly higher (rates vary between 20 and 23 per 100,000 during the years 1982 through 1987), compare to Bangalore (rates vary between 13 and 17 per 100,000) and Madras (rates vary between 18 and 19 per 100,000).

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 ASRs in Bangalore, Bombay and Madras are generally comparable with one another. However, the ASRs in Bombay are higher in the ages 55 years and above than Bangalore and Madras.

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).

High risk areas for female breast cancer are USA and other Western countries, where epidemiological studies 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.

INTERNATIONAL COMPARISON OF AGE-ADJUSTED (AAR)(WORLD POPULATION) AND TRUNCATED (TR)(35-64 YEARS) (WORLD POPULATION) INCIDENCE RATE PER 100,000.

FEMALE BREAST CANCER (ICD.9 : 174)

YEAR STUDIED	REGISTRY		AAR	TR
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
1982-87	India			
	Bombay		22.8	51.2
	Madras		18.9	45.6
	Bangalore		16.7	40.2
1986-87	Bhopal $		18.2	44.0
1987	Delhi $		21.5	56.7

$ PROVISIONAL

SOURCE : CANCER INCIDENCE IN FIVE CONTINENTS, VOL. V, 1987 NCRP DATA, 1982-1987

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

Cancer of the uterine cervix is the commonest cancer seen in Bangalore, Bombay and Madras registries and accounts for about one-third of the total female cancers recorded in Madras, about one-fourth in Bangalore and about one-fifth in Bombay. Bangalore rates are in an intermediate position between the high rates of Madras and low rates of Bombay.

The AAR and TR for the uterine cervix cancer are compared for selected countries as reported in the Cancer incidence in Five Contients (Vol. V). It will be observed that the Madras rates (44.4 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.

In the Indian registries, the age-specific incidence rates in Madras and Bangalore are higher than the corresponding rates in Bombay for every age group. A close look at the rates of Madras and Bangalore shows that the rates for Madras are higher than the corresponding rates for Bangalore upto the ages 60-64 years, following which the rates for Madras decline more rapidly than the rates for Bangalore.

Epidemiological studies of large groups of women with cancer of the cervix show increased risk associated with early promiscuous and sexual activity. Women from low socio-economic strata have a higher incidence of cervical cancer probably due to inadequate pre and post natal care and poor hygiene, leading to repeated infection of the cervix. Viral and immunological studies have implicated the herpes virus (type -2) as being the most likely etiological agent.

The AAR of cervical cancer in Bombay has decreased over the last 20 years. A study indicate 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 (Jayant, 1986).

AVERAGE ANNUAL AGE ADJUSTED INCIDENCE RATE OF FEMALE GENITAL TRACT CANCERS (ICD.9:179-184) IN BANGALORE, BOMBAY AND MADRAS PER 100,000 (1982-1987).

ICD.9	SITE	BANGALORE	BOMBAY	MADRAS
179	Uterus Uns.	0.5	1.3	0.9
180	Uterine Cervix	29.3	18.1	44.4
181	Placenta	0.2	0.2	0.3
182	Body Uterus	1.5	2.1	1.6
183	Ovary	4.5	6.1	5.2
184	Vagina	1.3	1.3	2.1
179-184	Genital Tract	37.3	29.1	54.5

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
1982-87	India			
	Madras		44.4	118.4
	Bangalore		29.3	73.8
	Bombay		18.1	45.0
1986-87	Bhopal $		17.7	47.7
1987	Delhi $		14.9	38.0

* WORLD POPULATION $ PROVISIONAL
SOURCE : CANCER INCIDENCE IN FIVE CONTINENTS, VOL. V, 1987 NCRP DATA, 1982-1987.

2.9 BURDEN OF TOBACCO RELATED CANCERS IN INDIA

NCRP has provided incidence of cancer in Bangalore, Bombay and Madras areas for the years 1982-1987. Based on these figures, the burden of tobacco related cancers in India has been estimated as given below in the table.

BURDEN OF TOBACCO RELATED CANCERS IN INDIA,ESTIMATES FOR 1990

	MALES	FEMALES	TOTAL
Total Population (millions)	430	410	840
Crude Rate per 100,000	70	80	75
Number of New Cancer cases per Year	301,000	328,000	629,000
New Cases Related to Tobacco Habits:			
Mouth	34,500	27,000	61,500
Pharynx & Larynx	47,000	10,400	57,400
Oesophagus	22,600	16,400	39,000
Lung	26,400	5,000	31,400
Others	14,500	7,200	21,700
TOTAL	145,000 (48%)	66,000 (20%)	211,000 (33%)

Estimates are shown separately for males and females for commonly affected sites namely, mouth, pharynx & larynx, oesophagus and lung. 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 possi ble 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 related to tobacco is 48% in men and 20% in women with an overall estimate of 33% for the two sexes. 75% cancers related to tobacco were found in mouth, pharynx & larynx and oesophagus; lung cancer accounted for only 15% of cases.

2.10 Incident Cases of Cancer By Year 2000 A.D.

Incident cases of cancer by year 2000 A.D. has been estimated as given in the table. These estimates are based on weighted averages of crude incidence rates for Bangalore, Bombay and Madras registries. India's population was projected, by sex and age, for the year 2000 A.D., using 1971 and 1981 censuses and applying the linear rate of growth. The present estimates of cancer cases may be considered as a conservative one.

ESTIMATED NUMBER OF INCIDENT CANCER CASES FOR SELECTED SITES, ALL AGES, BY THE YEAR 2000 A.D., IN INDIA

SITE	(ICD.9)	MALES	FEMALES	TOTAL
Lip, Oral Cavity	(140-145)	45000	32000	77000
Pharynx & Larynx	(146-149,161)	60000	16000	76000
Oesophagus	(150)	30000	20000	50000
Stomach	(151)	33700	16000	49700
Lung	(162)	33700	8000	41700
Breast	(174)	—	72000	72000
Cervix Uteri	(180)	—	104000	104000
Others		172100	131200	303300
TOTAL		374500	399200	773300

ESTIMATES ARE BASED ON WEIGHTED AVERAGES OF CRUDE INCIDENCE RATES FOR BANGALORE, BOMBAY AND MADRAS. SOURCE : NCRP DATA, 1982-1987.

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3. INDIVIDUAL REGISTRY DATA FOR 1986 AND 1987

NATIONAL CANCER REGISTRY PROGRAMME

POPULATION-BASED CANCER REGISTRY

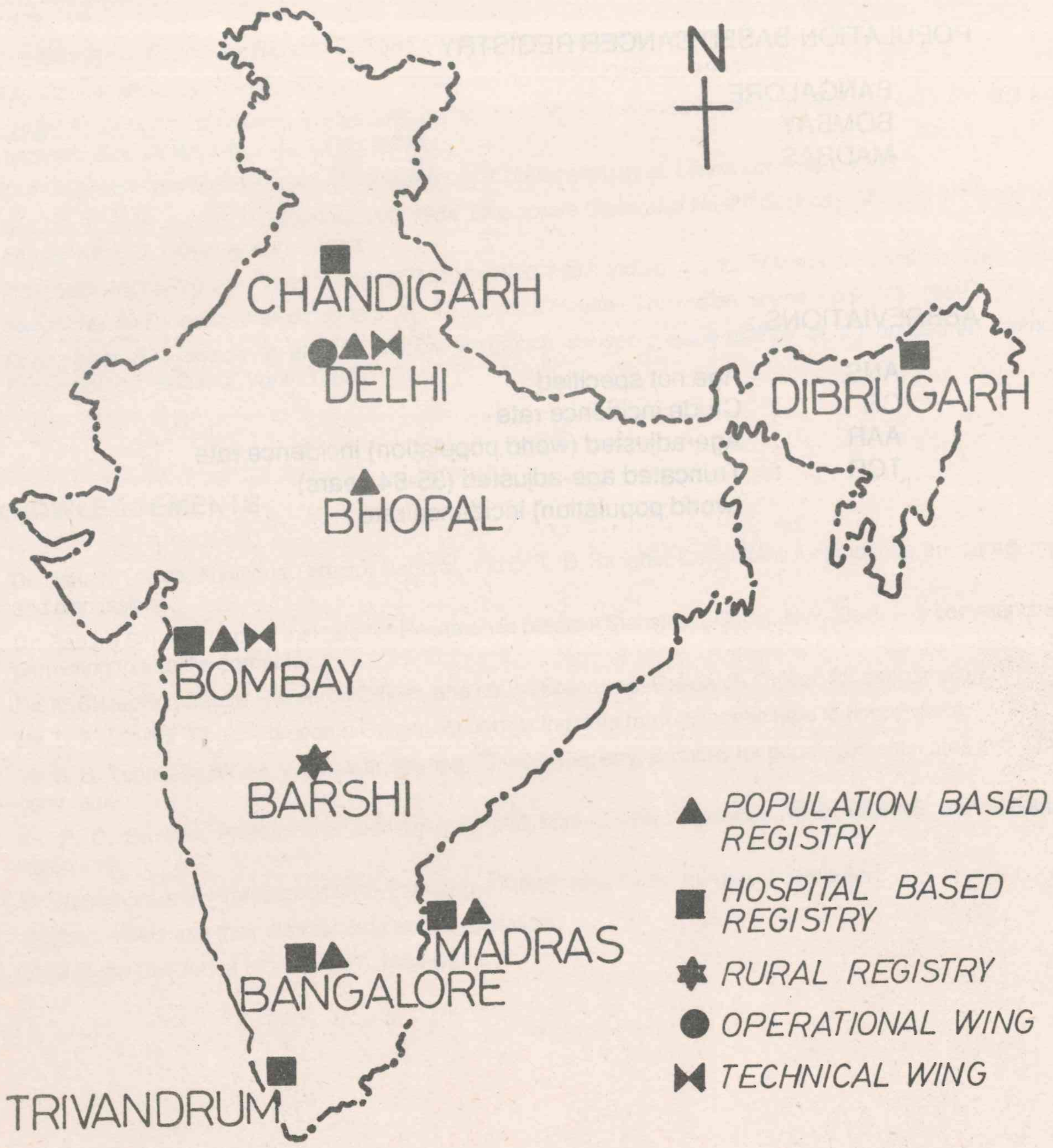
BANGALORE
BOMBAY
MADRAS

ABBREVIATIONS :

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

NATIONAL CANCER REGISTRY PROGRAMME

(Indian Council of Medical Research)



NATIONAL CANCER REGISTRY PROGRAMME

The National Cancer Registry Programme (NCRP) was initiated in February 1980 when the Indian Council of Medical Research(ICMR) formulated its new policy in cancer research. A need 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 (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 & Bhopal and a rural registry at Barshi (Maharashtra). The data provided by these three additional registries is still provisional and is not reported in this volume.

Operational Wing at ICMR HQ in New Delhi and Technical Wing (Bombay & Delhi) have been co-ordinating the functioning of NCRP since its inception. There is a National Steering Committee and the World Health Organisation has been providing consultants. Review meetings for NCRP are held every year in different parts of the country where 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. Periodic visits are paid by different categories of supervisory personnel to different registries. Training programmes are also organised along with the Annual Review Meetings for upgrading of the skills of the registry personnels.

Map of India shows the location of these 12 registries, 6 PBCRs and 6 HCRs.

Initially all the population-based and hospital registri[illegible]tarted collecting data uniformly using a pre-designed core proforma. Separate core proformas were adpoted [illegible] by the population-based and hospital registries from January 1, 1984.

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 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. They are also asked to collect information about the extent of disease, diagnostic procedures, the treatment at the 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 then sent to the Technical Wings for quality control checks, statistical analysis and report preparation.

Most of the technical work including data transfer to the Technical Wing (Delhi & Bombay) 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. They include internal consistency checks as well as personal visits by staff of Technical Wing, Steering Committee members and WHO consultants and include random independent checks with the original sources.

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

The NCRP 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 over time , 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 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 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 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 NCRP is now providing valuable information on the cancer problem to Central and State governments through the registry network. This has led the Ministry of Health, 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.

ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1, 1986 IN BANGALORE
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP	MALE		FEMALE		TOTAL	
(YEARS)	NUMBER	%	NUMBER	%	NUMBER	%
0-4	220891	10.73	220288	11.80	441179	11.24
5-9	249422	12.12	247432	13.25	496854	12.66
10-14	224776	10.92	221299	11.85	446075	11.37
15-19	210882	10.25	201171	10.78	412053	10.50
20-24	228320	11.09	208434	11.17	436754	11.13
25-29	204654	9.94	186722	10.00	391376	9.97
30-34	164438	7.99	129121	6.92	293559	7.48
35-39	137927	6.70	111303	5.96	249230	6.35
40-44	111608	5.42	77108	4.13	188716	4.81
45-49	89747	4.36	68369	3.66	158116	4.03
50-54	67980	3.30	56986	3.05	124966	3.18
55-59	43509	2.11	36608	1.96	80117	2.04
60-64	42979	2.09	41000	2.20	83979	2.14
65-69	23022	1.12	22778	1.22	45800	1.17
70-74	18640	0.91	18708	1.00	37348	0.95
75 +	19290	0.94	19507	1.04	38797	0.99
TOTAL	2058085	100.00	1866834	100.00	3924919	100.00

ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1, 1987 IN BANGALORE
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP	MALE		FEMALE		TOTAL	
(YEARS)	NUMBER	%	NUMBER	%	NUMBER	%
0-4	233194	10.73	233118	11.80	466312	11.24
5-9	263315	12.12	261842	13.25	525157	12.66
10-14	237296	10.92	234187	11.85	471483	11.37
15-19	222628	10.25	212888	10.78	435516	10.50
20-24	241037	11.09	220573	11.17	461610	11.13
25-29	216053	9.94	197596	10.00	413649	9.97
30-34	173597	7.99	136641	6.92	310238	7.48
35-39	145609	6.70	117785	5.96	263394	6.35
40-44	117824	5.42	81599	4.13	199423	4.81
45-49	94746	4.36	72351	3.66	167097	4.03
50-54	71766	3.30	60305	3.05	132071	3.18
55-59	45933	2.11	38741	1.96	84674	2.04
60-64	45373	2.09	43387	2.20	88760	2.14
65-69	24304	1.12	24105	1.22	48409	1.17
70-74	19678	0.91	19797	1.00	39475	0.95
75 +	20365	0.94	20643	1.04	41008	0.99
TOTAL	2172718	100.00	1975558	100.00	4148276	100.00

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 city 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, 1987, is 4.1 million persons (males : 2.1 millions, females : 2.0 millions). In India the census is taken every ten years. Bangalore city had experienced a decennial growth rate of 76.2%.

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 the years 1982-1987, KMIO contributed maximum proportion of registered cases, varying between 62% and 71%. Percentage of cases registered through a death certificate only varying between 2% and 5% under study period. The percentages of cases with histological verification of diagnosis was varying between 71% and 75% for males and between 75% and 82% for females.

The deaths in period due to cancer are seem to be under registered in the Bangalore Urban Agglomeration area. Municipal Corporation and other health authorities have been approached for improvement of death notification.

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : MALES YEAR : 1986

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	1	0	0	0	0	0	0	0	0	2	0.19
141	TONGUE	0	0	0	0	0	0	0	0	1	4	2	8	3	2	2	5	0	27	2.56
142	SALIVARY G	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	4	0.38
143	GUM	0	0	0	0	1	0	0	1	0	0	0	1	1	1	0	0	0	5	0.47
144	FLOOR OF M	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	1	0	5	0.47
145	OTHER MOUT	0	0	0	0	0	0	3	0	0	2	2	4	2	4	3	2	0	22	2.08
146	OROPHARYNX	0	0	0	0	0	0	0	0	1	2	4	2	2	3	0	4	0	18	1.70
147	NASOPHARYN	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	4	0.38
148	HYPOPHARYN	0	0	0	0	1	0	0	0	1	3	3	12	9	9	7	3	0	48	4.55
149	PHARYNX ET	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	4	0.38
150	OESOPHAGUS	0	0	0	0	1	1	2	2	6	12	13	10	14	7	5	8	0	81	7.67
151	STOMACH	0	0	1	0	1	4	0	5	7	9	10	11	14	14	13	11	0	100	9.47
152	SMALL INTE	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	4	0.38
153	COLON	0	0	0	0	2	1	0	0	1	5	5	5	4	2	0	2	0	27	2.56
154	RECTUM	0	0	0	0	0	0	5	3	3	5	4	6	7	3	2	2	0	40	3.79
155	LIVER	0	0	0	0	0	0	1	1	2	3	7	3	6	4	1	1	0	29	2.75
156	GALL BALDD	0	0	0	0	0	0	0	1	0	0	0	0	1	1	2	1	0	6	0.57
157	PANCREAS	0	0	0	0	0	0	2	1	0	0	4	1	0	1	1	0	0	10	0.95
158	RETROPERIT	0	0	0	0	1	0	1	0	1	1	2	1	0	0	0	0	0	7	0.66
159	OTHER DIS	0	0	0	0	0	0	0	0	0	1	0	1	4	2	0	1	0	9	0.85
160	NASAL CAVI	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0	1	0	5	0.47
161	LARYNX	0	0	0	0	1	0	0	1	1	3	1	9	11	5	6	1	0	39	3.69
162	LUNG	0	0	0	0	0	0	2	4	7	11	21	19	11	12	8	8	0	103	9.75
163	PLEURA	0	0	0	0	0	0	0	1	0	0	0	0	2	1	1	0	0	5	0.47
164	THYMUS	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2	0.19
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	1	0	1	2	0	0	0	0	1	2	0	0	0	0	7	0.66
171	CONNECTIVE	1	0	0	0	1	2	0	2	0	0	0	0	0	0	0	0	0	6	0.57
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	0	4	0.38
173	SKIN OTHER	0	0	0	0	0	0	1	1	2	2	0	0	1	3	0	4	0	14	1.33
175	BREAST MAL	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	5	0.47
185	PROSTATE	0	0	0	0	0	0	0	0	0	0	2	4	8	7	9	13	0	43	4.07
186	TESTIS	0	0	0	0	1	2	1	2	1	2	2	1	1	0	1	0	0	14	1.33
187	PENIS ETC	0	0	0	0	0	1	3	2	2	3	1	1	1	0	1	0	0	15	1.42
188	URI BLADDE	0	0	0	0	0	0	0	2	0	6	1	3	5	4	3	5	0	29	2.75
189	KIDNEY	0	0	0	0	0	0	0	2	0	2	4	4	3	0	4	1	0	20	1.89
190	EYE	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.47
191	BRAIN	3	4	3	1	1	1	5	4	2	2	1	8	1	1	4	0	0	41	3.88
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.09
193	THYROID GL	0	1	1	0	2	1	2	2	0	2	3	3	1	1	2	1	0	22	2.08
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	0	0	0	0	1	0	2	0	1	0	0	2	0	7	0.66
196	SEC LYMPH	0	0	0	0	0	1	0	0	0	1	3	2	0	1	1	2	0	11	1.04
197	SEC RES ET	0	0	0	0	0	0	0	0	0	3	2	1	0	2	0	1	0	9	0.85
198	SEC OTHER	0	1	0	0	0	0	0	0	0	0	1	1	1	3	2	0	0	9	0.85
199	PRIM UNK	0	1	0	0	0	0	0	2	3	6	8	9	12	4	7	7	0	59	5.59
200	LYMPHOSARC	1	2	2	1	0	1	0	1	2	0	0	0	2	0	0	0	0	12	1.14
201	HODGKINS D	0	8	4	3	0	0	0	3	2	2	2	2	0	1	0	0	0	27	2.56
202	OTH LYMPHO	5	5	2	2	1	1	0	2	1	3	3	2	1	2	2	2	0	34	3.22
203	MULT MYELO	0	0	0	0	0	0	1	0	1	1	3	2	1	1	0	1	0	11	1.04
204	LEUK LYMPH	6	3	1	2	0	2	1	0	0	1	1	3	0	0	0	0	0	20	1.89
205	LEUK MYELO	0	0	2	2	1	2	3	2	0	0	1	2	2	0	0	0	0	17	1.61
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09
208	LEUK UNS	0	0	2	0	0	2	0	0	1	0	1	0	0	1	0	0	0	7	0.66
	TOTAL	19	28	19	12	15	23	36	49	53	102	125	144	140	106	92	93	0	1056	100.00
	%	1.8	2.7	1.8	1.1	1.4	2.2	3.4	4.6	5.0	9.7	11.8	13.6	13.3	10.0	8.7	8.8	0.0	100.0	

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : FEMALES YEAR : 1986

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	0	0	0	0	0	1	0.08
141	TONGUE	0	0	0	0	0	0	0	1	0	1	3	0	2	0	0	1	0	8	0.68
142	SALIVARY G	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	2	0.17
143	GUM	0	0	0	0	0	0	0	1	2	3	4	0	6	1	1	1	0	19	1.61
144	FLOOR OF M	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	0.17
145	OTHER MOUT	0	0	0	0	1	0	3	5	7	8	17	5	12	11	3	6	0	78	6.61
146	OROPHARYNX	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	4	0.34
147	NASOPHARYN	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0.17
148	HYPOPHARYN	0	0	0	0	0	0	0	0	0	2	1	0	1	1	0	0	0	5	0.42
149	PHARYNX ET	0	0	0	0	1	0	0	0	0	2	0	0	2	0	0	0	0	5	0.42
150	OESOPHAGUS	0	0	0	0	0	1	2	1	4	7	14	15	16	18	5	5	0	88	7.46
151	STOMACH	0	0	0	0	0	3	1	5	1	1	12	6	8	6	1	2	0	46	3.90
152	SMALL INTE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.08
153	COLON	0	0	0	1	1	1	0	1	0	1	4	3	2	3	2	2	0	21	1.78
154	RECTUM	0	0	1	0	0	2	1	2	0	5	2	6	7	2	3	0	0	31	2.63
155	LIVER	0	0	0	0	0	0	0	0	0	0	0	2	2	1	2	0	0	7	0.59
156	GALL BALDD	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0.17
157	PANCREAS	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0	1	0	5	0.42
158	RETROPERIT	0	0	0	2	0	0	0	1	0	1	0	1	2	0	1	0	0	8	0.68
159	OTHER DIS	0	0	0	0	0	0	0	1	1	0	1	1	3	1	0	0	0	8	0.68
160	NASAL CAVI	0	0	0	0	0	1	0	0	2	1	1	0	0	0	1	1	0	7	0.59
161	LARYNX	0	0	0	0	1	0	1	0	0	0	1	0	1	1	1	1	0	7	0.59
162	LUNG	1	0	0	0	0	0	0	0	1	0	1	2	3	4	0	0	0	12	1.02
163	PLEURA	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	3	0.25
164	THYMUS	0	0	0	0	0	1	0	0	0	0	0	0	0	0	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	0	2	1	2	0	0	0	0	0	1	0	1	0	1	0	0	8	0.68
171	CONNECTIVE	1	0	0	0	0	2	1	0	3	0	1	0	1	1	0	0	0	10	0.85
172	SKIN MELAN	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0.17
173	SKIN OTHER	1	0	0	0	1	1	0	0	0	2	1	0	2	1	1	3	0	13	1.10
174	BREAST FEM	0	0	0	0	1	10	10	24	17	21	26	21	17	10	5	6	0	168	14.24
179	UTERINE UN	0	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	0	5	0.42
180	CERVIX UTE	0	0	0	1	1	6	14	27	49	60	52	22	30	21	7	5	0	295	25.00
181	PLACENTA	0	0	0	0	0	0	2	1	3	0	0	0	0	0	0	0	0	6	0.51
182	BODY UTERU	0	0	0	0	0	0	1	0	1	4	2	2	2	1	0	0	0	13	1.10
183	OVARY	0	0	0	1	5	4	0	6	5	9	8	9	3	4	3	0	0	57	4.83
184	VAGINA	0	0	0	0	0	2	0	0	0	1	2	4	2	1	1	1	0	14	1.19
188	URI BLADDE	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0.25
189	KIDNEY	1	0	0	0	0	0	0	1	0	3	0	0	1	0	0	2	0	8	0.68
190	EYE	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0.17
191	BRAIN	2	3	1	1	2	1	0	1	0	1	1	2	1	1	0	0	0	17	1.44
192	NERVOUS SY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.08
193	THYROID GL	0	0	0	0	1	1	5	3	0	0	5	1	4	1	0	0	0	21	1.78
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	1	1	0	1	1	2	0	0	0	0	0	1	0	1	0	9	0.76
196	SEC LYMPH	0	0	0	0	1	0	0	0	0	2	1	2	1	1	0	1	0	9	0.76
197	SEC RES ET	0	0	0	0	0	1	2	1	0	1	2	0	3	1	0	0	0	11	0.93
198	SEC OTHER	0	0	0	0	0	0	0	0	2	0	0	1	1	1	1	0	0	6	0.51
199	PRIM UNK	1	1	0	0	0	2	3	3	4	5	8	10	9	8	3	4	0	61	5.17
200	LYMPHOSARC	0	0	0	0	0	1	1	1	0	0	0	1	0	1	0	0	0	5	0.42
201	HODGKINS D	0	0	0	2	2	2	0	1	0	0	1	0	0	0	0	0	0	8	0.68
202	OTH LYMPHO	1	0	0	0	1	1	0	1	1	4	2	1	3	3	1	2	0	21	1.78
203	MULT MYELO	0	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	5	0.42
204	LEUK LYMPH	1	1	0	0	1	0	0	0	2	0	0	2	0	0	0	0	0	7	0.59
205	LEUK MYELO	2	3	0	1	1	1	2	2	1	1	1	1	1	0	1	0	0	18	1.53
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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.08
208	LEUK UNS	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	3	0.25
	TOTAL	15	10	5	12	24	45	52	95	111	150	182	124	155	110	45	45	0	1180	100.00
	%	1.3	0.8	0.4	1.0	2.0	3.8	4.4	8.1	9.4	12.7	15.4	10.5	13.1	9.3	3.8	3.8	0.0	100.0	

POPULATION-BASED CANCER REGISTRY BANGALORE — SEX : MALES — YEAR : 1986

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	0.7	0.9	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	0.0	0.0	0.0	0.9	4.5	2.9	18.4	7.0	8.7	10.7	25.9	1.3	2.5	4.8
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	0.0	0.0	2.3	4.3	0.0	0.0	0.2	0.3	0.7
143 GUM	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.7	0.0	0.0	0.0	2.3	2.3	4.3	0.0	0.0	0.2	0.4	0.7
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.5	0.0	2.3	0.0	5.4	5.2	0.2	0.4	0.7
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	0.0	2.2	2.9	9.2	4.7	17.4	16.1	10.4	1.1	2.0	2.7
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.2	5.9	4.6	4.7	13.0	0.0	20.7	0.9	1.7	2.7
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	2.3	0.0	0.0	5.4	0.0	0.2	0.3	0.7
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.9	3.3	4.4	27.6	20.9	39.1	37.6	15.6	2.3	4.7	7.8
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.1	1.5	2.3	0.0	0.0	0.0	0.0	0.2	0.3	0.7
150 OESOPHAG	0.0	0.0	0.0	0.0	0.4	0.5	1.2	1.5	5.4	13.4	19.1	23.0	32.6	30.4	26.8	41.5	3.9	6.8	14.2
151 STOMACH	0.0	0.0	0.4	0.0	0.4	2.0	0.0	3.6	6.3	10.0	14.7	25.3	32.6	60.8	69.7	57.0	4.9	8.8	13.7
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	0.0	2.3	4.3	0.0	0.0	0.2	0.4	0.8
153 COLON	0.0	0.0	0.0	0.0	0.9	0.5	0.0	0.0	0.9	5.6	7.4	11.5	9.3	8.7	0.0	10.4	1.3	2.2	5.1
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	3.0	2.2	2.7	5.6	5.9	13.8	16.3	13.0	10.7	10.4	1.9	3.1	6.8
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.8	3.3	10.3	6.9	14.0	17.4	5.4	5.2	1.4	2.5	5.5
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	2.3	4.3	10.7	5.2	0.3	0.6	0.4
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.7	0.0	0.0	5.9	2.3	0.0	4.3	5.4	0.0	0.5	0.7	1.4
158 RETROPER	0.0	0.0	0.0	0.0	0.4	0.0	0.6	0.0	0.9	1.1	2.9	2.3	0.0	0.0	0.0	0.0	0.3	0.4	1.2
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	2.3	9.3	8.7	0.0	5.2	0.4	0.9	1.7
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	0.0	0.0	8.7	0.0	5.2	0.2	0.5	0.5
161 LARYNX	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.7	0.9	3.3	1.5	20.7	25.6	21.7	32.2	5.2	1.9	3.7	7.2
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.9	6.3	12.3	30.9	43.7	25.6	52.1	42.9	41.5	5.0	8.9	18.1
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	4.7	4.3	5.4	0.0	0.2	0.5	0.7
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
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	0.5	0.0	0.5	1.2	0.0	0.0	0.0	0.0	2.3	4.7	0.0	0.0	0.0	0.3	0.4	0.9
171 CONNECTI	0.5	0.0	0.0	0.0	0.4	1.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.3
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	2.3	0.0	10.7	5.2	0.2	0.4	0.3
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.8	2.2	0.0	0.0	2.3	13.0	0.0	20.7	0.7	1.2	1.2
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.3	0.0	5.4	10.4	0.2	0.5	0.5
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	9.2	18.6	30.4	48.3	67.4	2.1	4.5	4.1
186 TESTIS	0.0	0.0	0.0	0.0	0.4	1.0	0.6	1.5	0.9	2.2	2.9	2.3	2.3	0.0	5.4	0.0	0.7	0.9	2.0
187 PENIS ET	0.0	0.0	0.0	0.0	0.5	1.8	1.5	1.8	3.3	1.5	2.3	2.3	0.0	5.4	0.0	0.7	0.9	2.1	
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	6.7	1.5	6.9	11.6	17.4	16.1	25.9	1.4	2.7	4.2
189 KIDNEY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.2	5.9	9.2	7.0	0.0	21.5	5.2	1.0	1.7	3.7
190 EYE	1.4	0.4	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	0.2	0.2	0.0
191 BRAIN	1.4	1.6	1.3	0.5	0.4	0.5	3.0	2.9	1.8	2.2	1.5	18.4	2.3	4.3	21.5	0.0	2.0	2.6	4.2
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	2.3	0.0	0.0	0.0	0.0	0.1	0.3
193 THYROID	0.0	0.4	0.4	0.0	0.9	0.5	1.2	1.5	0.0	2.2	4.4	6.9	2.3	4.3	10.7	5.2	1.1	1.5	2.6
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	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	2.9	0.0	2.3	0.0	0.0	10.4	0.3	0.5	0.9
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.1	4.4	4.6	0.0	4.3	5.4	10.4	0.5	1.0	1.5
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	2.9	2.3	0.0	8.7	0.0	5.2	0.4	0.8	1.4
198 SEC OTHE	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.3	2.3	13.0	10.7	0.0	0.4	0.9	0.8
199 PRIM UNK	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.5	2.7	6.7	11.8	20.7	27.9	17.4	37.6	36.3	2.9	5.2	10.3
200 LYMPHOSA	0.5	0.8	0.9	0.5	0.0	0.5	0.0	0.7	1.8	0.0	0.0	0.0	4.7	0.0	0.0	0.0	0.6	0.6	1.1
201 HODGKINS	0.0	3.2	1.8	1.4	0.0	0.0	0.0	2.2	1.8	2.2	2.9	4.6	0.0	4.3	0.0	0.0	1.3	1.4	2.3
202 OTH LYMP	2.3	2.0	0.9	0.9	0.4	0.5	0.0	1.5	0.9	3.3	4.4	4.6	2.3	8.7	10.7	10.4	1.7	2.2	2.7
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	1.1	4.4	4.6	2.3	4.3	0.0	5.2	0.5	0.9	2.0
204 LEUK LYM	2.7	1.2	0.4	0.9	0.0	1.0	0.6	0.0	0.0	1.1	1.5	6.9	0.0	0.0	0.0	0.0	1.0	1.1	1.3
205 LEUK MYE	0.0	0.0	0.9	0.9	0.4	1.0	1.8	1.5	0.0	0.0	1.5	4.6	4.7	0.0	0.0	0.0	0.8	0.9	1.7
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	0.4	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	0.0	0.0	0.0
208 LEUK UNS	0.0	0.0	0.9	0.0	0.0	1.0	0.0	0.0	0.9	0.0	1.5	0.0	0.0	4.3	0.0	0.0	0.3	0.4	0.4
TOTAL	8.6	11.2	8.5	5.7	6.6	11.2	21.9	35.5	47.5	113.7	183.9	331.0	325.7	460.4	493.6	482.1	51.3	86.8	152.5

POPULATION-BASED CANCER REGISTRY BANGALORE — SEX : FEMALES — YEAR : 1986

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	1.5	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	0.0	0.0	0.9	0.0	1.5	5.3	0.0	4.9	0.0	0.0	5.1	0.4	0.7	1.9
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	4.4	5.3	0.0	0.1	0.2	0.0
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.6	4.4	7.0	0.0	14.6	4.4	5.3	5.1	1.0	1.8	4.5
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	2.7	0.0	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	2.3	4.5	9.1	11.7	29.8	13.7	29.3	48.3	16.0	30.8	4.2	7.3	15.2
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.3	1.5	0.0	0.0	2.4	0.0	0.0	0.0	0.2	0.3	1.0
147 NASOPHAR	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	1.8	0.0	2.4	4.4	0.0	0.0	0.3	0.5	1.2
149 PHARYNX	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2.9	0.0	0.0	4.9	0.0	0.0	0.0	0.3	0.4	1.2
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.5	1.5	0.9	5.2	10.2	24.6	41.0	39.0	79.0	26.7	25.6	4.7	9.0	17.4
151 STOMACH	0.0	0.0	0.0	0.0	0.0	1.6	0.8	4.5	1.3	1.5	21.1	16.4	19.5	26.3	5.3	10.3	2.5	4.2	9.4
152 SMALL IN	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	0.1	0.1	0.3
153 COLON	0.0	0.0	0.0	0.5	0.5	0.5	0.0	0.9	0.0	1.5	7.0	8.2	4.9	13.2	10.7	10.3	1.1	2.0	3.3
154 RECTUM	0.0	0.0	0.5	0.0	0.0	1.1	0.8	1.8	0.0	7.3	3.5	16.4	17.1	8.8	16.0	0.0	1.7	2.8	6.6
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	4.9	4.4	10.7	0.0	0.4	0.8	1.3
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.4	0.0	0.0	0.0	0.1	0.2	0.6
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.3	0.0	0.0	5.5	0.0	0.0	0.0	5.1	0.3	0.5	1.1
158 RETROPER	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.9	0.0	1.5	0.0	2.7	4.9	0.0	5.3	0.0	0.4	0.6	1.4
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.3	0.0	1.8	2.7	7.3	4.4	0.0	0.0	0.4	0.8	2.0
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	2.6	1.5	1.8	0.0	0.0	0.0	5.3	5.1	0.4	0.6	1.1
161 LARYNX	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	0.0	1.8	0.0	2.4	4.4	5.3	5.1	0.4	0.6	0.6
162 LUNG	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.8	5.5	7.3	17.6	0.0	0.0	0.6	1.3	2.2
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	3.5	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.8
164 THYMUS	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
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	0.9	0.5	1.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	2.4	0.0	5.3	0.0	0.4	0.5	0.6
171 CONNECTI	0.5	0.0	0.0	0.0	0.0	1.1	0.8	0.0	3.9	0.0	1.8	0.0	2.4	4.4	0.0	0.0	0.5	0.7	1.4
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.5
173 SKIN OTH	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	2.9	1.8	0.0	4.9	4.4	5.3	15.4	0.7	1.1	1.5
174 BREAST F	0.0	0.0	0.0	0.0	0.5	5.4	7.7	21.6	22.0	30.7	45.6	57.4	41.5	43.9	26.7	30.8	9.0	14.1	34.5
179 UTERINE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.3	0.0	1.8	0.0	2.4	4.4	0.0	0.0	0.3	0.4	0.8
180 CERVIX U	0.0	0.0	0.0	0.5	0.5	3.2	10.8	24.3	63.5	87.8	91.3	60.1	73.2	92.2	37.4	25.6	15.8	25.4	65.9
181 PLACENTA	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.9
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.3	5.9	3.5	5.5	4.9	4.4	0.0	0 0	0.7	1.2	3.3
183 OVARY	0.0	0.0	0.0	0.5	2.4	2.1	0.0	5.4	6.5	13.2	14.0	24.6	7.3	17.6	16.0	0.0	3.1	4.7	11.2
184 VAGINA	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.0	0.0	1.5	3.5	10.9	4.9	4.4	5.3	5.1	0.7	1.3	2.9
188 URI BLAD	0.9	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	0.0	0.2	0.2	0.3
189 KIDNEY	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	4.4	0.0	0.0	2.4	0.0	0.0	10.3	0.4	0.7	1.3
190 EYE	0.5	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
191 BRAIN	0.9	1.2	0.5	0.5	1.0	0.5	0.0	0.9	0.0	1.5	1.8	5.5	2.4	4.4	0.0	0.0	0.9	1.1	1.8
192 NERVOUS	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	0.0	0.1	0.1	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.5	0.5	3.9	2.7	0.0	0.0	8.8	2.7	9.8	4.4	0.0	0.0	1.1	1.5	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	0.4	0.5	0.5	0.0	0.5	0.8	1.8	0.0	0.0	0.0	0.0	0.0	4.4	0.0	5.1	0.5	0.6	0.3
196 SEC LYMP	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2.9	1.8	5.5	2.4	4.4	0.0	5.1	0.5	0.9	1.9
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.5	1.5	0.9	0.0	1.5	3.5	0.0	7.3	4.4	0.0	0.0	0.6	0.9	2.0
198 SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	2.7	2.4	4.4	5.3	0.0	0.3	0.6	1.2
199 PRIM UNK	0.5	0.4	0.0	0.0	0.0	1.1	2.3	2.7	5.2	7.3	14.0	27.3	22.0	35.1	16.0	20.5	3.3	5.7	11.6
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.5	0.8	0.9	0.0	0.0	0.0	2.7	0.0	4.4	0.0	0.0	0.3	0.4	0.5
201 HODGKINS	0.0	0.0	0.0	1.0	1.0	1.1	0.0	0.9	0.0	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.5
202 OTH LYMP	0.5	0.0	0.0	0.0	0.5	0.5	0.0	0.9	1.3	5.9	3.5	2.7	7.3	13.2	5.3	10.3	1.1	1.9	3.4
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.8	2.7	4.9	4.4	0.0	0.0	0.3	0.5	1.3
204 LEUK LYM	0.5	0.4	0.0	0.0	0.5	0.0	0.0	0.0	2.6	0.0	0.0	5.5	0.0	0.0	0.0	0.0	0.4	0.5	1.2
205 LEUK MYE	0.9	1.2	0.0	0.5	0.5	0.5	1.5	1.8	1.3	1.5	1.8	2.7	2.4	0.0	5.3	0.0	1.0	1.1	1.8
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	0.4	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
208 LEUK UNS	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2.4	4.4	0.0	0.0	0.2	0.3	0.3
TOTAL	6.8	4.0	2.3	6.0	11.5	24.1	40.3	85.4	144.0	219.4	319.4	338.7	378.0	482.9	240.5	230.7	63.2	102.7	230.8

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : MALES

CUMULATIVE RISK (PER CENT) YEAR : 1986

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	0.21	0.17	0.27
142	SALIVARY GLANDS	0.00	0.00	0.04	0.02	0.04
143	GUM	0.00	0.00	0.05	0.03	0.05
144	FLOOR OF MOUTH	0.00	0.00	0.02	0.02	0.05
145	OTHER MOUTH	0.00	0.01	0.18	0.10	0.27
146	OROPHARYNX	0.00	0.00	0.16	0.09	0.16
147	NASOPHARYNX	0.00	0.00	0.02	0.02	0.05
148	HYPOPHARYNX	0.00	0.00	0.48	0.29	0.67
149	PHARYNX ETC	0.00	0.00	0.02	0.03	0.03
150	OESOPHAGUS	0.00	0.01	0.62	0.48	0.77
151	STOMACH	0.00	0.01	0.76	0.48	1.12
152	SMALL INTESTINE	0.00	0.00	0.05	0.02	0.05
153	COLON	0.00	0.01	0.22	0.18	0.22
154	RECTUM	0.00	0.02	0.30	0.25	0.37
155	LIVER	0.00	0.00	0.27	0.19	0.30
156	GALL BALDDER	0.00	0.00	0.04	0.02	0.09
157	PANCREAS	0.00	0.01	0.07	0.05	0.10
158	RETROPERITONEUM	0.00	0.01	0.04	0.04	0.04
159	OTHER DIS SYS	0.00	0.00	0.11	0.06	0.11
160	NASAL CAVITY	0.00	0.00	0.06	0.01	0.06
161	LARYNX	0.00	0.00	0.37	0.27	0.53
162	LUNG	0.00	0.01	0.86	0.61	1.08
163	PLEURA	0.00	0.00	0.05	0.03	0.08
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	0.00	0.01	0.03	0.05	0.05
171	CONNECTIVE TISS	0.00	0.01	0.01	0.02	0.02
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.07
173	SKIN OTHER	0.00	0.00	0.10	0.04	0.10
175	BREAST MALE	0.00	0.00	0.02	0.02	0.05
185	PROSTATE	0.00	0.00	0.31	0.15	0.55
186	TESTIS	0.00	0.01	0.06	0.07	0.10
187	PENIS ETC	0.00	0.01	0.06	0.07	0.10
188	URI BLADDER	0.00	0.00	0.23	0.14	0.31
189	KIDNEY	0.00	0.00	0.13	0.13	0.24
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.02	0.02	0.17	0.19	0.32
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.01
193	THYROID GLAND	0.00	0.01	0.11	0.10	0.18
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.03	0.03	0.03
196	SEC LYMPH NODES	0.00	0.00	0.07	0.05	0.10
197	SEC RES ETC	0.00	0.00	0.09	0.04	0.09
198	SEC OTHER	0.00	0.00	0.10	0.03	0.15
199	PRIM UNK	0.00	0.00	0.44	0.36	0.63
200	LYMPHOSARCOMA	0.01	0.00	0.04	0.05	0.05
201	HODGKINS DIS	0.02	0.01	0.09	0.10	0.12
202	OTH LYMPHOMA	0.03	0.01	0.13	0.12	0.22
203	MULT MYELOMA	0.00	0.00	0.09	0.07	0.09
204	LEUK LYMPHATIC	0.02	0.01	0.05	0.08	0.08
205	LEUK MYELOID	0.00	0.02	0.06	0.09	0.09
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	0.04
	ALL SITES	0.14	0.23	7.21	5.40	9.48

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : FEMALES

CUMULATIVE RISK (PER CENT) YEAR : 1986

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	0.06	0.06	0.06
142	SALIVARY GLANDS	0.00	0.00	0.02	0.00	0.05
143	GUM	0.00	0.00	0.17	0.15	0.20
144	FLOOR OF MOUTH	0.00	0.00	0.02	0.02	0.02
145	OTHER MOUTH	0.00	0.01	0.73	0.50	0.82
146	OROPHARYNX	0.00	0.00	0.03	0.03	0.03
147	NASOPHARYNX	0.00	0.01	0.00	0.01	0.01
148	HYPOPHARYNX	0.00	0.00	0.06	0.04	0.06
149	PHARYNX ETC	0.00	0.00	0.04	0.04	0.04
150	OESOPHAGUS	0.00	0.01	0.99	0.61	1.14
151	STOMACH	0.00	0.01	0.45	0.33	0.49
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.01
153	COLON	0.00	0.01	0.18	0.12	0.24
154	RECTUM	0.00	0.01	0.27	0.24	0.37
155	LIVER	0.00	0.00	0.07	0.05	0.13
156	GALL BALDDER	0.00	0.00	0.02	0.02	0.02
157	PANCREAS	0.00	0.00	0.04	0.04	0.04
158	RETROPERITONEUM	0.00	0.00	0.05	0.05	0.08
159	OTHER DIS SYS	0.00	0.00	0.09	0.07	0.09
160	NASAL CAVITY	0.00	0.00	0.03	0.03	0.06
161	LARYNX	0.00	0.01	0.04	0.03	0.08
162	LUNG	0.00	0.00	0.17	0.08	0.17
163	PLEURA	0.00	0.00	0.02	0.02	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	0.00	0.01	0.02	0.03	0.06
171	CONNECTIVE TISS	0.00	0.01	0.06	0.05	0.07
172	SKIN MELANOMA	0.00	0.00	0.02	0.02	0.02
173	SKIN OTHER	0.00	0.01	0.07	0.06	0.10
174	BREAST FEM	0.00	0.07	1.30	1.16	1.50
179	UTERINE UNS	0.00	0.00	0.05	0.03	0.05
180	CERVIX UTERI	0.00	0.08	2.43	2.05	2.69
181	PLACENTA	0.00	0.01	0.02	0.03	0.03
182	BODY UTERUS	0.00	0.00	0.13	0.11	0.13
183	OVARY	0.00	0.03	0.44	0.38	0.55
184	VAGINA	0.00	0.01	0.13	0.11	0.16
188	URI BLADDER	0.00	0.00	0.01	0.01	0.01
189	KIDNEY	0.00	0.00	0.04	0.04	0.04
190	EYE	0.00	0.00	0.00	0.01	0.01
191	BRAIN	0.01	0.01	0.08	0.08	0.10
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.02	0.14	0.14	0.17
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.01	0.03	0.02	0.04
196	SEC LYMPH NODES	0.00	0.00	0.08	0.07	0.09
197	SEC RES ETC	0.00	0.01	0.09	0.08	0.10
198	SEC OTHER	0.00	0.00	0.06	0.04	0.09
199	PRIM UNK	0.00	0.02	0.57	0.41	0.67
200	LYMPHOSARCOMA	0.00	0.01	0.04	0.02	0.05
201	HODGKINS DIS	0.00	0.02	0.01	0.03	0.03
202	OTH LYMPHOMA	0.00	0.01	0.17	0.12	0.21
203	MULT MYELOMA	0.00	0.00	0.07	0.05	0.07
204	LEUK LYMPHATIC	0.00	0.00	0.04	0.05	0.05
205	LEUK MYELOID	0.01	0.02	0.06	0.08	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	0.00	0.00	0.03	0.02	0.04
	ALL SITES	0.07	0.41	9.37	7.60	10.45

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : MALE YEAR : 1986

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

ICD 9TH	SITE	MICROSCOPIC n	%	X-RAY n	%	CLINICAL ONLY n	%	OTHERS n	%	D.C.O. n	%	TOTALS n	%
140	LIP	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
141	TONGUE	25	92.59	0	0.00	2	7.41	0	0.00	0	0.00	27	100.00
142	SALIVARY GLANDS	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
143	GUM	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
144	FLOOR OF MOUTH	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
145	OTHER MOUTH	22	100.00	0	0.00	0	0.00	0	0.00	0	0.00	22	100.00
146	OROPHARYNX	18	100.00	0	0.00	0	0.00	0	0.00	0	0.00	18	100.00
147	NASOPHARYNX	2	50.00	0	0.00	1	25.00	0	0.00	1	25.00	4	100.00
148	HYPOPHARYNX	32	66.67	0	0.00	14	29.17	0	0.00	2	4.17	48	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	51	62.96	23	28.40	2	2.47	2	2.47	3	3.70	81	100.00
151	STOMACH	63	63.00	9	9.00	15	15.00	0	0.00	13	13.00	100	100.00
152	SMALL INTESTINE	3	75.00	0	0.00	0	0.00	1	25.00	0	0.00	4	100.00
153	COLON	25	92.59	0	0.00	0	0.00	1	3.70	1	3.70	27	100.00
154	RECTUM	34	85.00	1	2.50	3	7.50	0	0.00	2	5.00	40	100.00
155	LIVER	22	75.86	0	0.00	3	10.34	0	0.00	4	13.79	29	100.00
156	GALL BALDDER	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
157	PANCREAS	5	50.00	1	10.00	2	20.00	1	10.00	1	10.00	10	100.00
158	RETROPERITONEUM	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
159	OTHER DIS SYS	7	77.78	0	0.00	0	0.00	0	0.00	2	22.22	9	100.00
160	NASAL CAVITY	3	60.00	2	40.00	0	0.00	0	0.00	0	0.00	5	100.00
161	LARYNX	27	69.23	0	0.00	11	28.21	0	0.00	1	2.56	39	100.00
162	LUNG	82	79.61	10	9.71	3	2.91	0	0.00	8	7.77	103	100.00
163	PLEURA	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
164	THYMUS	1	50.00	1	50.00	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	6	85.71	0	0.00	0	0.00	0	0.00	1	14.29	7	100.00
171	CONNECTIVE TISS	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	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	14	100.00	0	0.00	0	0.00	0	0.00	0	0.00	14	100.00
175	BREAST MALE	3	60.00	0	0.00	2	40.00	0	0.00	0	0.00	5	100.00
185	PROSTATE	34	79.07	0	0.00	6	13.95	0	0.00	3	6.98	43	100.00
186	TESTIS	13	92.86	0	0.00	0	0.00	0	0.00	1	7.14	14	100.00
187	PENIS ETC	13	86.67	0	0.00	2	13.33	0	0.00	0	0.00	15	100.00
188	URI BLADDER	22	75.86	3	10.34	2	6.90	0	0.00	2	6.90	29	100.00
189	KIDNEY	14	70.00	3	15.00	1	5.00	0	0.00	2	10.00	20	100.00
190	EYE	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
191	BRAIN	34	82.93	0	0.00	1	2.44	0	0.00	6	14.63	41	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	22	100.00	0	0.00	0	0.00	0	0.00	0	0.00	22	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	4	57.14	1	14.29	0	0.00	0	0.00	2	28.57	7	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	77.78	1	11.11	0	0.00	0	0.00	1	11.11	9	100.00
198	SEC OTHER	7	77.78	2	22.22	0	0.00	0	0.00	0	0.00	9	100.00
199	PRIM UNK	7	11.86	2	3.39	2	3.39	0	0.00	48	81.36	59	100.00
200	LYMPHOSARCOMA	12	100.00	0	0.00	0	0.00	0	0.00	0	0.00	12	100.00
201	HODGKINS DIS	26	96.30	0	0.00	0	0.00	0	0.00	1	3.70	27	100.00
202	OTH LYMPHOMA	27	79.41	6	17.65	0	0.00	0	0.00	1	2.94	34	100.00
203	MULT MYELOMA	10	90.91	1	9.09	0	0.00	0	0.00	0	0.00	11	100.00
204	LEUK LYMPHATIC	20	100.00	0	0.00	0	0.00	0	0.00	0	0.00	20	100.00
205	LEUK MYELOID	16	94.12	0	0.00	0	0.00	0	0.00	1	5.88	17	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	6	85.71	0	0.00	0	0.00	0	0.00	1	14.29	7	100.00
ALL SITES TOTALS		802		66		75		5		108		1056	
%		75.95		6.25		7.10		0.47		10.23		100.00	

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : FEMALE YEAR : 1986

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

ICD 9TH	SITE	MICROSCOPIC n	%	X-RAY n	%	CLINICAL ONLY n	%	OTHERS n	%	D.C.O. n	%	TOTALS n	%
140	LIP	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
141	TONGUE	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
142	SALIVARY GLANDS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
143	GUM	18	94.74	0	0.00	1	5.26	0	0.00	0	0.00	19	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	63	80.77	0	0.00	12	15.38	0	0.00	3	3.85	78	100.00
146	OROPHARYNX	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
147	NASOPHARYNX	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
148	HYPOPHARYNX	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	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	63	71.59	16	18.18	4	4.55	3	3.41	2	2.27	88	100.00
151	STOMACH	27	58.70	1	2.17	7	15.22	3	6.52	8	17.39	46	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	17	80.95	1	4.76	1	4.76	0	0.00	2	9.52	21	100.00
154	RECTUM	23	74.19	1	3.23	6	19.35	0	0.00	1	3.23	31	100.00
155	LIVER	6	85.71	1	14.29	0	0.00	0	0.00	0	0.00	7	100.00
156	GALL BALDDER	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
157	PANCREAS	2	40.00	1	20.00	2	40.00	0	0.00	0	0.00	5	100.00
158	RETROPERITONEUM	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
159	OTHER DIS SYS	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
160	NASAL CAVITY	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
161	LARYNX	6	85.71	0	0.00	0	0.00	0	0.00	1	14.29	7	100.00
162	LUNG	9	75.00	1	8.33	1	8.33	0	0.00	1	8.33	12	100.00
163	PLEURA	2	66.67	0	0.00	0	0.00	0	0.00	1	33.33	3	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	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	6	75.00	1	12.50	0	0.00	0	0.00	1	12.50	8	100.00
171	CONNECTIVE TISS	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	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	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	100.00
174	BREAST FEM	141	83.93	2	1.19	19	11.31	1	0.60	5	2.98	168	100.00
179	UTERINE UNS	3	60.00	0	0.00	0	0.00	0	0.00	2	40.00	5	100.00
180	CERVIX UTERI	264	89.49	0	0.00	26	8.81	0	0.00	5	1.69	295	100.00
181	PLACENTA	4	66.67	1	16.67	1	16.67	0	0.00	0	0.00	6	100.00
182	BODY UTERUS	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	100.00
183	OVARY	46	80.70	1	1.75	5	8.77	0	0.00	5	8.77	57	100.00
184	VAGINA	13	92.86	0	0.00	1	7.14	0	0.00	0	0.00	14	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	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
190	EYE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
191	BRAIN	16	94.12	1	5.88	0	0.00	0	0.00	0	0.00	17	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	18	85.71	1	4.76	1	4.76	0	0.00	1	4.76	21	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	7	77.78	0	0.00	0	0.00	0	0.00	2	22.22	9	100.00
196	SEC LYMPH NODES	8	88.89	0	0.00	1	11.11	0	0.00	0	0.00	9	100.00
197	SEC RES ETC	9	81.82	0	0.00	2	18.18	0	0.00	0	0.00	11	100.00
198	SEC OTHER	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
199	PRIM UNK	4	6.56	1	1.64	0	0.00	0	0.00	56	91.80	61	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	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
202	OTH LYMPHOMA	18	85.71	1	4.76	0	0.00	0	0.00	2	9.52	21	100.00
203	MULT MYELOMA	3	60.00	2	40.00	0	0.00	0	0.00	0	0.00	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	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	1	33.33	0	0.00	2	66.67	3	100.00
ALL SITES TOTALS		939		33		96		7		105		1180	
%		79.58		2.80		8.14		0.59		8.90		100.00	

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : MALES YEAR : 1987

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	3	8	4	1	9	7	8	4	0	45	3.77
142	SALIVARY G	0	0	1	1	0	1	0	0	0	1	1	0	0	0	2	0	0	7	0.59
143	GUM	0	0	0	0	0	0	2	0	1	1	1	3	3	1	1	2	0	15	1.26
144	FLOOR OF M	0	0	0	0	0	0	1	0	0	2	0	2	2	2	0	0	0	9	0.75
145	OTHER MOUT	0	0	0	1	0	0	0	0	2	9	10	4	4	0	3	3	0	36	3.02
146	OROPHARYNX	0	0	0	0	0	0	0	2	1	2	3	2	3	3	3	1	0	20	1.68
147	NASOPHARYN	0	0	2	0	0	0	0	0	0	1	0	1	0	0	0	0	0	4	0.34
148	HYPOPHARYN	0	0	0	0	0	0	0	2	3	6	6	6	19	11	10	10	0	73	6.12
149	PHARYNX ET	0	0	0	0	0	0	0	0	1	1	0	0	3	1	1	0	0	7	0.59
150	OESOPHAGUS	0	0	0	0	0	1	1	1	6	10	11	18	18	14	16	14	0	110	9.22
151	STOMACH	0	0	0	0	0	1	2	1	6	5	12	9	16	15	12	13	0	92	7.71
152	SMALL INTE	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.08
153	COLON	0	0	0	0	0	1	1	2	2	1	1	4	1	5	2	2	0	22	1.84
154	RECTUM	0	0	0	1	0	2	1	3	5	4	3	9	3	2	3	4	0	40	3.35
155	LIVER	0	0	0	0	1	0	0	3	3	6	4	5	1	7	3	3	0	36	3.02
156	GALL BALDD	0	0	0	0	0	0	0	0	1	0	1	0	1	0	2	2	0	7	0.59
157	PANCREAS	0	0	0	0	0	0	1	0	0	2	0	2	3	2	0	4	0	14	1.17
158	RETROPERIT	0	1	0	0	0	0	0	1	0	0	2	1	1	0	1	1	0	8	0.67
159	OTHER DIS	0	0	0	0	0	0	0	2	0	2	0	1	2	0	0	0	0	7	0.59
160	NASAL CAVI	0	0	0	1	1	0	0	0	0	1	1	1	2	0	1	2	0	10	0.84
161	LARYNX	0	0	0	0	0	0	0	0	1	6	6	6	9	11	4	3	0	46	3.86
162	LUNG	0	1	0	0	1	1	1	7	5	12	15	14	15	17	12	11	0	112	9.39
163	PLEURA	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	3	0.25
164	THYMUS	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0.17
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	3	0	2	0	0	0	1	2	0	0	0	0	0	0	8	0.67
171	CONNECTIVE	1	0	0	0	0	1	1	0	1	0	2	1	2	2	4	2	0	17	1.42
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.08
173	SKIN OTHER	0	1	1	0	0	0	0	1	1	2	2	1	2	1	0	4	0	16	1.34
175	BREAST MAL	0	0	0	0	0	0	0	1	0	0	1	3	1	0	0	0	0	6	0.50
185	PROSTATE	0	0	0	0	0	0	0	0	2	2	1	5	8	14	2	15	0	49	4.11
186	TESTIS	1	0	0	1	1	0	2	2	0	1	1	0	0	2	0	0	0	11	0.92
187	PENIS ETC	0	0	0	0	0	1	0	1	1	3	1	0	3	2	1	2	0	15	1.26
188	URI BLADDE	0	0	0	0	0	0	1	0	2	0	3	5	9	3	5	3	0	31	2.60
189	KIDNEY	4	0	0	0	0	0	0	1	1	3	1	0	3	1	3	1	0	18	1.51
190	EYE	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.17
191	BRAIN	1	2	0	2	2	2	1	0	1	5	2	4	2	1	3	0	0	28	2.35
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.08
193	THYROID GL	0	0	0	0	0	0	1	1	2	0	1	2	0	1	0	0	0	8	0.67
194	OTH ENDO G	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.08
195	ILL DEF SI	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	4	0.34
196	SEC LYMPH	0	0	0	0	0	1	0	0	2	4	4	7	3	5	2	2	0	30	2.51
197	SEC RES ET	0	0	0	0	0	1	2	2	1	1	6	2	1	0	1	5	0	22	1.84
198	SEC OTHER	1	0	0	0	0	0	0	0	2	2	0	2	2	2	1	1	0	13	1.09
199	PRIM UNK	0	0	1	1	0	3	4	2	2	5	8	7	11	14	11	9	0	78	6.54
200	LYMPHOSARC	0	1	0	2	1	0	2	0	1	0	0	0	0	0	0	0	0	7	0.59
201	HODGKINS D	0	7	4	0	0	1	0	0	3	2	2	0	2	0	1	2	0	24	2.01
202	OTH LYMPHO	0	1	1	1	0	5	1	0	2	0	3	2	1	1	2	0	0	20	1.68
203	MULT MYELO	0	0	0	0	0	1	0	0	0	1	1	2	1	2	0	1	0	9	0.75
204	LEUK LYMPH	2	1	1	1	0	2	0	1	0	1	0	2	0	1	0	0	0	12	1.01
205	LEUK MYELO	2	2	4	2	2	1	3	2	1	1	2	1	2	0	0	1	0	26	2.18
206	LEUK MONOC	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.08
207	LEUK OTH S	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.08
208	LEUK UNS	3	1	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	8	0.67
	TOTAL	16	20	15	19	10	28	29	40	65	116	128	138	169	151	121	128	0	1193	100.00
	%	1.3	1.7	1.3	1.6	0.8	2.3	2.4	3.4	5.4	9.7	10.7	11.6	14.2	12.7	10.1	10.7	0.0	100.0	

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : FEMALES YEAR : 1987

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	1	0	0	0	0	1	0.07
141	TONGUE	0	0	0	0	0	0	1	0	0	0	1	2	3	0	3	0	0	10	0.74
142	SALIVARY G	0	1	0	0	0	0	1	1	0	1	0	1	2	2	0	0	0	9	0.66
143	GUM	0	1	0	0	0	0	0	1	1	4	4	1	3	3	2	3	0	23	1.70
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.07
145	OTHER MOUT	0	0	0	0	0	1	2	1	6	10	10	7	12	4	7	2	0	62	4.58
146	OROPHARYNX	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.07
147	NASOPHARYN	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.07
148	HYPOPHARYN	0	0	0	0	0	1	0	0	0	2	2	2	4	0	0	1	0	12	0.89
149	PHARYNX ET	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	3	0.22
150	OESOPHAGUS	0	0	0	1	0	2	0	2	4	4	18	14	16	13	7	9	0	90	6.64
151	STOMACH	0	0	0	0	0	0	2	5	6	6	6	9	7	5	3	2	0	51	3.76
152	SMALL INTE	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.07
153	COLON	0	0	0	0	0	1	2	0	2	3	3	1	4	2	4	4	0	26	1.92
154	RECTUM	0	0	0	0	0	1	0	3	1	0	5	5	8	2	1	3	0	29	2.14
155	LIVER	0	1	0	0	0	0	0	0	1	2	1	2	2	0	2	0	0	11	0.81
156	GALL BALDD	0	0	0	0	0	0	0	0	1	1	2	2	1	0	0	1	0	8	0.59
157	PANCREAS	0	0	0	0	0	0	0	1	0	0	3	2	1	2	0	0	0	9	0.66
158	RETROPERIT	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	3	0.22
159	OTHER DIS	0	0	0	0	0	0	0	1	0	0	2	0	0	1	0	0	0	4	0.30
160	NASAL CAVI	0	0	0	0	0	3	0	0	0	0	0	0	1	0	0	0	0	4	0.30
161	LARYNX.	0	0	0	0	0	1	0	1	0	0	1	0	0	2	1	0	0	6	0.44
162	LUNG	0	0	0	0	0	0	0	0	1	2	2	2	5	3	2	4	0	21	1.55
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	3	0.22
164	THYMUS	0	0	0	0	0	0	1	0	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	1	0	2	5	0	0	1	2	0	0	0	1	0	0	0	0	0	12	0.89
171	CONNECTIVE	1	0	0	4	1	0	0	1	2	0	0	0	2	1	1	0	0	13	0.96
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.07
173	SKIN OTHER	1	0	0	0	0	0	1	0	0	1	2	0	1	0	2	0	0	8	0.59
174	BREAST FEM	0	1	0	2	0	8	12	29	27	30	36	23	20	9	14	15	0	226	16.68
179	UTERINE UN	0	0	0	0	0	0	0	2	2	0	2	0	1	0	0	2	0	9	0.66
180	CERVIX UTE	0	0	0	1	3	7	22	24	55	54	66	34	26	22	15	13	0	342	25.24
181	PLACENTA	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2	0.15
182	BODY UTERU	0	0	0	0	1	0	0	1	1	0	5	3	5	1	2	1	0	20	1.48
183	OVARY	0	0	0	5	4	1	1	2	8	5	13	10	5	5	4	0	0	63	4.65
184	VAGINA	0	0	0	0	1	0	1	0	0	3	2	1	3	2	1	1	0	15	1.11
188	URI BLADDE	0	0	0	0	0	0	0	0	1	1	1	0	1	2	0	0	0	6	0.44
189	KIDNEY	4	1	0	0	0	0	1	0	1	1	1	0	1	3	0	0	0	13	0.96
190	EYE	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	2	0.15
191	BRAIN	2	0	0	0	2	1	2	0	3	2	2	1	2	2	0	1	0	20	1.48
192	NERVOUS SY	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	0.15
193	THYROID GL	0	0	2	0	1	2	1	1	4	6	2	4	4	3	1	1	0	32	2.36
194	OTH ENDO G	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.07
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	1	1	2	0	1	0	0	5	0.37
197	SEC RES ET	0	0	0	0	0	0	0	1	0	3	0	0	4	1	1	2	0	12	0.89
198	SEC OTHER	0	0	0	0	1	0	1	0	0	1	1	0	2	0	0	1	0	7	0.52
199	PRIM UNK	0	0	0	1	3	2	2	8	9	10	10	10	12	4	4	5	0	80	5.90
200	LYMPHOSARC	0	0	0	1	0	1	1	0	2	0	1	1	0	0	0	1	0	8	0.59
201	HODGKINS D	0	0	1	0	1	2	1	0	1	0	0	1	1	0	1	0	0	9	0.66
202	OTH LYMPHO	2	1	1	1	2	2	0	0	0	3	1	2	1	0	2	0	0	18	1.33
203	MULT MYELO	0	0	0	0	0	0	0	0	1	0	1	2	1	3	0	0	0	8	0.59
204	LEUK LYMPH	4	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	7	0.52
205	LEUK MYELO	1	0	0	0	0	3	1	0	1	4	2	2	1	1	1	0	0	17	1.25
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	0	0	0	0	0	0	0	0	1	0.07
208	LEUK UNS	0	1	0	1	0	0	0	1	0	1	1	0	1	0	0	0	0	6	0.44
	TOTAL	17	8	7	22	21	41	59	92	141	162	213	150	167	99	83	73	0	1355	100.00
	%	1.3	0.6	0.5	1.6	1.5	3.0	4.4	6.8	10.4	12.0	15.7	11.1	12.3	7.3	6.1	5.4	0.0	100.0	

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : MALES . YEAR : 1987

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	0.7	2.5	8.4	5.6	2.2	19.8	28.8	40.7	19.6	2.1	3.9	6.0
142 SALIVARY	0.0	0.0	0.4	0.4	0.0	0.5	0.0	0.0	0.0	1.1	1.4	0.0	0.0	0.0	10.2	0.0	0.3	0.5	0.4
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.8	1.1	1.4	6.5	6.6	4.1	5.1	9.8	0.7	1.2	2.3
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	2.1	0.0	4.4	4.4	8.2	0.0	0.0	0.4	0.8	1.5
145 OTHER MO	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	1.7	9.5	13.9	8.7	8.8	0.0	15.2	14.7	1.7	2.7	6.7
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.8	2.1	4.2	4.4	6.6	12.3	15.2	4.9	0.9	1.7	2.9
147 NASOPHAR	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	2.2	0.0	0.0	0.0	0.0	0.2	0.2	0.5
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.5	6.3	8.4	13.1	41.9	45.3	50.8	49.1	3.4	6.6	10.4
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.1	0.0	0.0	6.6	4.1	5.1	0.0	0.3	0.6	1.2
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.7	5.1	10.6	15.3	39.2	39.7	57.6	81.3	68.7	5.1	9.7	15.8
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.5	1.2	0.7	5.1	5.3	16.7	19.6	35.3	61.7	61.0	63.8	4.2	8.1	11.9
152 SMALL IN	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	0.0	0.0	0.0	0.0	0.0	0.0
153 COLON	0.0	0.0	0.0	0.0	0.0	0.5	0.6	1.4	1.7	1.1	1.4	8.7	2.2	20.6	10.2	9.8	1.0	1.8	2.4
154 RECTUM	0.0	0.0	0.0	0.4	0.0	0.9	0.6	2.1	4.2	4.2	4.2	19.6	6.6	8.2	15.2	19.6	1.8	3.0	6.1
155 LIVER	0.0	0.0	0.0	0.0	0.4	0.0	0.0	2.1	2.5	6.3	5.6	10.9	2.2	28.8	15.2	14.7	1.7	3.0	4.7
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.4	0.0	2.2	0.0	10.2	9.8	0.3	0.6	0.7
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	2.1	0.0	4.4	6.6	8.2	0.0	19.6	0.6	1.2	1.8
158 RETROPER	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	2.8	2.2	2.2	0.0	5.1	4.9	0.4	0.6	1.1
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.1	0.0	2.2	4.4	0.0	0.0	0.0	0.3	0.5	1.5
160 NASAL CA	0.0	0.0	0.0	0.4	0.4	0.0	0.0	0.0	0.0	1.1	1.4	2.2	4.4	0.0	5.1	9.8	0.5	0.8	1.3
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	6.3	8.4	13.1	19.8	45.3	20.3	14.7	2.1	4.2	7.0
162 LUNG	0.0	0.4	0.0	0.0	0.4	0.5	0.6	4.8	4.2	12.7	20.9	30.5	33.1	69.9	61.0	54.0	5.2	9.4	15.8
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	2.2	2.2	0.0	0.0	0.0	0.1	0.2	0.8
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	4.9	0.1	0.2	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	0.0	1.3	0.0	0.9	0.0	0.0	0.0	1.1	2.8	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.7
171 CONNECTI	0.4	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.8	0.0	2.8	2.2	4.4	8.2	20.3	9.8	0.8	1.4	1.5
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	2.2	0.0	0.0	0.0	0.0	0.0	0.1	0.3
173 SKIN OTH	0.0	0.4	0.4	0.0	0.0	0.0	0.0	0.7	0.8	2.1	2.8	2.2	4.4	4.1	0.0	19.6	0.7	1.2	2.0
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.4	6.5	2.2	0.0	0.0	0.0	0.3	0.5	1.5
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.1	1.4	10.9	17.6	57.6	10.2	73.7	2.3	4.8	4.6
186 TESTIS	0.4	0.0	0.0	0.4	0.4	0.0	1.2	1.4	0.0	1.1	1.4	0.0	0.0	8.2	0.0	0.0	0.5	0.7	0.7
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.8	3.2	1.4	0.0	6.6	8.2	5.1	9.8	0.7	1.2	2.0
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.7	0.0	4.2	10.9	19.8	12.3	25.4	14.7	1.4	2.7	5.0
189 KIDNEY	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	3.2	1.4	0.0	6.6	4.1	15.2	4.9	0.8	1.3	2.0
190 EYE	0.0	0.8	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	0.1	0.1	0.0
191 BRAIN	0.4	0.8	0.0	0.9	0.8	0.9	0.6	0.0	0.8	5.3	2.8	8.7	4.4	4.1	15.2	0.0	1.3	1.8	3.3
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	5.1	0.0	0.0	0.1	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.7	1.7	0.0	1.4	4.4	0.0	4.1	0.0	0.0	0.4	0.5	1.2
194 OTH ENDO	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	0.0	0.0	0.1	0.0
195 ILL DEF	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0	1.1	1.4	0.0	0.0	4.1	0.0	0.0	0.2	0.3	0.4
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	1.7	4.2	5.6	15.2	6.6	20.6	10.2	9.8	1.4	2.6	4.9
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.5	1.2	1.4	0.8	1.1	8.4	4.4	2.2	0.0	5.1	24.6	1.0	1.6	2.8
198 SEC OTHE	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.1	0.0	4.4	4.4	8.2	5.1	4.9	0.6	1.1	1.9
199 PRIM UNK	0.0	0.0	0.4	0.4	0.0	1.4	2.3	1.4	1.7	5.3	11.1	15.2	24.2	57.6	55.9	44.2	3.6	6.7	8.5
200 LYMPHOSA	0.0	0.4	0.0	0.9	0.4	0.0	1.2	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.2
201 HODGKINS	0.0	2.7	1.7	0.0	0.0	0.5	0.0	0.0	2.5	2.1	2.8	0.0	4.4	0.0	5.1	9.8	1.1	1.3	1.9
202 OTH LYMP	0.0	0.4	0.4	0.4	0.0	2.3	0.6	0.0	1.7	0.0	4.2	4.4	2.2	4.1	10.2	0.0	0.9	1.2	1.8
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.1	1.4	4.4	2.2	8.2	0.0	4.9	0.4	0.8	1.3
204 LEUK LYM	0.9	0.4	0.4	0.4	0.0	0.9	0.0	0.7	0.0	1.1	0.0	4.4	0.0	4.1	0.0	0.0	0.6	0.7	0.9
205 LEUK MYE	0.9	0.8	1.7	0.9	0.8	0.5	1.7	1.4	0.8	1.1	2.8	2.2	4.4	0.0	0.0	4.9	1.2	1.3	1.9
206 LEUK MON	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	0.0	0.0
207 LEUK OTH	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	0.0	0.0	0.0
208 LEUK UNS	1.3	0.4	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.1	1.4	2.2	0.0	0.0	0.0	0.0	0.4	0.5	0.8
TOTAL	6.9	7.6	6.3	8.5	4.1	13.0	16.7	27.5	55.2	122.4	178.4	300.4	372.5	621.3	614.9	628.5	54.9	96.9	155.3

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : FEMALES YEAR : 1987

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	2.3	0.0	0.0	0.0	0.1	0.1	0.3
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	1.7	5.2	6.9	0.0	15.2	0.0	0.5	0.9	1.8
142 SALIVARY	0.0	0.4	0.0	0.0	0.0	0.0	0.7	0.8	0.0	1.4	0.0	2.6	4.6	8.3	0.0	0.0	0.5	0.8	1.4
143 GUM	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.8	1.2	5.5	6.6	2.6	6.9	12.4	10.1	14.5	1.2	2.1	3.8
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.5	1.5	0.8	7.4	13.8	16.6	18.1	27.7	16.6	35.4	9.7	3.1	5.5	12.8
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.1	0.1	0.3
147 NASOPHAR	0.0	0.0	0.0	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	0.1	0.1	0.2
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	2.8	3.3	5.2	9.2	0.0	0.0	4.8	0.6	1.0	2.9
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.4	1.7	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.5
150 OESOPHAG	0.0	0.0	0.0	0.5	0.0	1.0	0.0	1.7	4.9	5.5	29.8	36.1	36.9	53.9	35.4	43.6	4.6	8.5	16.6
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.2	7.4	8.3	9.9	23.2	16.1	20.7	15.2	9.7	2.6	4.5	10.5
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
153 COLON	0.0	0.0	0.0	0.0	0.0	0.5	1.5	0.0	2.5	4.1	5.0	2.6	9.2	8.3	20.2	19.4	1.3	2.3	3.6
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.5	0.0	2.5	1.2	0.0	8.3	12.9	18.4	8.3	5.1	14.5	1.5	2.6	6.1
155 LIVER	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.8	1.7	5.2	4.6	0.0	10.1	0.0	0.6	1.0	2.3
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	3.3	5.2	2.3	0.0	0.0	4.8	0.4	0.7	2.0
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	5.0	5.2	2.3	8.3	0.0	0.0	0.5	0.8	1.9
158 RETROPER	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.2	0.2	0.5
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	3.3	0.0	0.0	4.1	0.0	0.0	0.2	0.3	0.7
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.2	0.2	0.3
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	1.7	0.0	0.0	8.3	5.1	0.0	0.3	0.5	0.4
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.8	3.3	5.2	11.5	12.4	10.1	19.4	1.1	2.0	3.5
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	5.1	4.8	0.2	0.3	0.3
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	0.4	0.0	0.9	2.3	0.0	0.0	0.7	1.7	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.6	0.6	0.7
171 CONNECTI	0.4	0.0	0.0	1.9	0.5	0.0	0.0	0.8	2.5	0.0	0.0	0.0	4.6	4.1	5.1	0.0	0.7	0.9	1.2
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	4.1	0.0	0.0	0.1	0.1	0.0
173 SKIN OTH	0.4	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.4	3.3	0.0	2.3	0.0	10.1	0.0	0.4	0.6	1.1
174 BREAST F	0.0	0.4	0.0	0.9	0.0	4.0	8.8	24.6	33.1	41.5	59.7	59.4	46.1	37.3	70.7	72.7	11.4	18.1	42.4
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.5	0.0	3.3	0.0	2.3	0.0	0.0	9.7	0.5	0.7	1.6
180 CERVIX U	0.0	0.0	0.0	0.5	1.4	3.5	16.1	20.4	67.4	74.6	109.4	87.8	59.9	91.3	75.8	63.0	17.3	28.0	68.1
181 PLACENTA	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
182 BODY UTE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.8	1.2	0.0	8.3	7.7	11.5	4.1	10.1	4.8	1.0	1.8	4.2
183 OVARY	0.0	0.0	0.0	2.3	1.8	0.5	0.7	1.7	9.8	6.9	21.6	25.8	11.5	20.7	20.2	0.0	3.2	5.1	11.9
184 VAGINA	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.0	0.0	4.1	3.3	2.6	6.9	8.3	5.1	4.8	0.8	1.3	2.6
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.4	1.7	0.0	2.3	8.3	0.0	0.0	0.3	0.6	1.1
189 KIDNEY	1.7	0.4	0.0	0.0	0.0	0.0	0.7	0.0	1.2	1.4	1.7	0.0	2.3	12.4	0.0	0.0	0.7	1.0	1.1
190 EYE	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.1	0.1	0.3
191 BRAIN	0.9	0.0	0.0	0.0	0.9	0.5	1.5	0.0	3.7	2.8	3.3	2.6	4.6	8.3	0.0	4.8	1.0	1.5	2.7
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
193 THYROID	0.0	0.0	0.9	0.0	0.5	1.0	0.7	0.8	4.9	8.3	3.3	10.3	9.2	12.4	5.1	4.8	1.6	2.6	5.8
194 OTH ENDO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
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	1.7	2.6	4.6	0.0	5.1	0.0	0.3	0.5	1.2
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	4.1	0.0	0.0	9.2	4.1	5.1	9.7	0.6	1.1	2.2
198 SEC OTHE	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.0	0.0	1.4	1.7	0.0	4.6	0.0	0.0	4.8	0.4	0.5	1.1
199 PRIM UNK	0.0	0.0	0.0	0.5	1.4	1.0	1.5	6.8	11.0	13.8	16.6	25.8	27.7	16.6	20.2	24.2	4.0	6.6	15.7
200 LYMPHOSA	0.0	0.0	0.0	0.5	0.0	0.5	0.7	0.0	2.5	0.0	1.7	2.6	0.0	0.0	0.0	4.8	0.4	0.6	1.1
201 HODGKINS	0.0	0.0	0.4	0.0	0.5	1.0	0.7	0.0	1.2	0.0	0.0	2.6	2.3	0.0	5.1	0.0	0.5	0.6	0.9
202 OTH LYMP	0.9	0.4	0.4	0.5	0.9	1.0	0.0	0.0	0.0	4.1	1.7	5.2	2.3	0.0	10.1	0.0	0.9	1.2	2.0
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.7	5.2	2.3	12.4	0.0	0.0	0.4	0.8	1.5
204 LEUK LYM	1.7	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	0.0	0.0	0.0	0.0	0.4	0.4	0.3
205 LEUK MYE	0.4	0.0	0.0	0.0	0.0	1.5	0.7	0.0	1.2	5.5	3.3	5.2	2.3	4.1	5.1	0.0	0.9	1.3	2.8
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	0.4	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	0.0	0.1	0.1	0.0
208 LEUK UNS	0.0	0.4	0.0	0.5	0.0	0.0	0.0	0.8	0.0	1.4	1.7	0.0	2.3	0.0	0.0	0.0	0.3	0.4	1.0
TOTAL	7.3	3.1	3.0	10.3	9.5	20.7	43.2	78.1	172.8	223.9	353.2	387.2	384.9	410.7	419.3	353.6	68.6	112.2	248.5

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : MALES

CUMULATIVE RISK (PER CENT) YEAR : 1987

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	0.34	0.20	0.54
142	SALIVARY GLANDS	0.00	0.00	0.01	0.02	0.07
143	GUM	0.00	0.01	0.10	0.09	0.13
144	FLOOR OF MOUTH	0.00	0.00	0.10	0.06	0.10
145	OTHER MOUTH	0.00	0.00	0.21	0.22	0.29
146	OROPHARYNX	0.00	0.00	0.16	0.10	0.24
147	NASOPHARYNX	0.00	0.00	0.02	0.02	0.02
148	HYPOPHARYNX	0.00	0.00	0.59	0.37	0.84
149	PHARYNX ETC	0.00	0.00	0.06	0.04	0.09
150	OESOPHAGUS	0.00	0.01	0.84	0.56	1.24
151	STOMACH	0.00	0.01	0.72	0.42	1.03
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.01	0.18	0.09	0.24
154	RECTUM	0.00	0.01	0.25	0.21	0.33
155	LIVER	0.00	0.00	0.29	0.15	0.37
156	GALL BALDDER	0.00	0.00	0.02	0.02	0.07
157	PANCREAS	0.00	0.00	0.11	0.07	0.11
158	RETROPERITONEUM	0.00	0.00	0.04	0.04	0.07
159	OTHER DIS SYS	0.00	0.00	0.05	0.05	0.05
160	NASAL CAVITY	0.00	0.00	0.05	0.05	0.07
161	LARYNX	0.00	0.00	0.47	0.24	0.57
162	LUNG	0.00	0.01	0.88	0.54	1.19
163	PLEURA	0.00	0.00	0.03	0.03	0.03
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	0.00	0.01	0.02	0.03	0.03
171	CONNECTIVE TISS	0.00	0.01	0.09	0.06	0.20
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.01
173	SKIN OTHER	0.00	0.00	0.09	0.07	0.09
175	BREAST MALE	0.00	0.00	0.05	0.05	0.05
185	PROSTATE	0.00	0.00	0.46	0.17	0.51
186	TESTIS	0.00	0.01	0.06	0.03	0.07
187	PENIS ETC	0.00	0.00	0.10	0.07	0.13
188	URI BLADDER	0.00	0.00	0.24	0.19	0.37
189	KIDNEY	0.01	0.00	0.08	0.07	0.17
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.01	0.02	0.13	0.13	0.23
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.03
193	THYROID GLAND	0.00	0.00	0.06	0.04	0.06
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.03	0.01	0.04
196	SEC LYMPH NODES	0.00	0.00	0.27	0.17	0.32
197	SEC RES ETC	0.00	0.01	0.09	0.10	0.12
198	SEC OTHER	0.00	0.00	0.10	0.06	0.13
199	PRIM UNK	0.00	0.02	0.58	0.32	0.88
200	LYMPHOSARCOMA	0.00	0.01	0.00	0.02	0.02
201	HODGKINS DIS	0.02	0.00	0.06	0.08	0.11
202	OTH LYMPHOMA	0.00	0.02	0.08	0.08	0.15
203	MULT MYELOMA	0.00	0.00	0.09	0.05	0.09
204	LEUK LYMPHATIC	0.01	0.01	0.05	0.05	0.07
205	LEUK MYELOID	0.02	0.02	0.06	0.10	0.10
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	0.03	0.03	0.03
	ALL SITES	0.10	0.21	8.05	5.44	10.83

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : FEMALES

CUMULATIVE RISK (PER CENT) YEAR : 1987

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	0.07	0.07	0.15
142	SALIVARY GLANDS	0.00	0.00	0.09	0.05	0.09
143	GUM	0.00	0.00	0.18	0.12	0.23
144	FLOOR OF MOUTH	0.00	0.00	0.01	0.01	0.01
145	OTHER MOUTH	0.00	0.01	0.50	0.43	0.69
146	OROPHARYNX	0.00	0.00	0.01	0.01	0.01
147	NASOPHARYNX	0.00	0.00	0.00	0.00	0.00
148	HYPOPHARYNX	0.00	0.00	0.10	0.10	0.10
149	PHARYNX ETC	0.00	0.00	0.02	0.02	0.02
150	OESOPHAGUS	0.00	0.01	0.84	0.58	1.02
151	STOMACH	0.00	0.01	0.45	0.35	0.53
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.01
153	COLON	0.00	0.01	0.16	0.13	0.27
154	RECTUM	0.00	0.00	0.26	0.22	0.29
155	LIVER	0.00	0.00	0.08	0.08	0.13
156	GALL BALDDER	0.00	0.00	0.07	0.07	0.07
157	PANCREAS	0.00	0.00	0.11	0.07	0.11
158	RETROPERITONEUM	0.00	0.00	0.02	0.02	0.02
159	OTHER DIS SYS	0.00	0.00	0.04	0.02	0.04
160	NASAL CAVITY	0.00	0.01	0.01	0.02	0.02
161	LARYNX	0.00	0.00	0.05	0.02	0.08
162	LUNG	0.00	0.00	0.18	0.12	0.23
163	PLEURA	0.00	0.00	0.01	0.01	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	0.01	0.02	0.02	0.04	0.04
171	CONNECTIVE TISS	0.00	0.01	0.06	0.05	0.10
172	SKIN MELANOMA	0.00	0.00	0.02	0.00	0.02
173	SKIN OTHER	0.00	0.00	0.04	0.04	0.09
174	BREAST FEM	0.00	0.07	1.50	1.38	1.91
179	UTERINE UNS	0.00	0.00	0.05	0.05	0.05
180	CERVIX UTERI	0.00	0.11	2.52	2.18	2.99
181	PLACENTA	0.00	0.00	0.00	0.01	0.01
182	BODY UTERUS	0.00	0.00	0.17	0.15	0.22
183	OVARY	0.00	0.03	0.49	0.41	0.62
184	VAGINA	0.00	0.01	0.13	0.09	0.16
188	URI BLADDER	0.00	0.00	0.07	0.03	0.07
189	KIDNEY	0.01	0.00	0.10	0.05	0.11
190	EYE	0.00	0.00	0.01	0.02	0.02
191	BRAIN	0.00	0.01	0.13	0.10	0.14
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.01	0.01
193	THYROID GLAND	0.00	0.01	0.25	0.20	0.29
194	OTH ENDO GLANDS	0.00	0.00	0.01	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.00	0.00	0.00
196	SEC LYMPH NODES	0.00	0.00	0.04	0.04	0.07
197	SEC RES ETC	0.00	0.00	0.09	0.07	0.12
198	SEC OTHER	0.00	0.01	0.04	0.04	0.04
199	PRIM UNK	0.00	0.02	0.59	0.53	0.71
200	LYMPHOSARCOMA	0.00	0.01	0.03	0.04	0.04
201	HODGKINS DIS	0.00	0.01	0.03	0.04	0.07
202	OTH LYMPHOMA	0.01	0.01	0.07	0.09	0.14
203	MULT MYELOMA	0.00	0.00	0.11	0.05	0.11
204	LEUK LYMPHATIC	0.01	0.00	0.01	0.03	0.03
205	LEUK MYELOID	0.00	0.01	0.11	0.10	0.15
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	0.04	0.04
	ALL SITES	0.07	0.42	9.57	8.14	11.44

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : MALE YEAR : 1987

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

ICD 9TH	SITE	MICROSCOPIC n	%	X-RAY n	%	CLINICAL ONLY n	%	OTHERS n	%	D.C.O. n	%	TOTALS n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	39	86.67	0	0.00	5	11.11	0	0.00	1	2.22	45	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	14	93.33	0	0.00	1	6.67	0	0.00	0	0.00	15	100.00
144	FLOOR OF MOUTH	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
145	OTHER MOUTH	34	94.44	0	0.00	2	5.56	0	0.00	0	0.00	36	100.00
146	OROPHARYNX	18	90.00	0	0.00	1	5.00	0	0.00	1	5.00	20	100.00
147	NASOPHARYNX	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
148	HYPOPHARYNX	60	82.19	0	0.00	12	16.44	0	0.00	1	1.37	73	100.00
149	PHARYNX ETC	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
150	OESOPHAGUS	69	62.73	18	16.36	13	11.82	1	0.91	9	8.18	110	100.00
151	STOMACH	53	57.61	4	4.35	14	15.22	6	6.52	15	16.30	92	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	15	68.18	1	4.55	1	4.55	0	0.00	5	22.73	22	100.00
154	RECTUM	34	85.00	0	0.00	5	12.50	0	0.00	1	2.50	40	100.00
155	LIVER	20	55.56	0	0.00	6	16.67	0	0.00	10	27.78	36	100.00
156	GALL BALDDER	4	57.14	1	14.29	0	0.00	1	14.29	1	14.29	7	100.00
157	PANCREAS	5	35.71	4	28.57	2	14.29	0	0.00	3	21.43	14	100.00
158	RETROPERITONEUM	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
159	OTHER DIS SYS	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
160	NASAL CAVITY	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
161	LARYNX	36	78.26	0	0.00	9	19.57	0	0.00	1	2.17	46	100.00
162	LUNG	79	70.54	15	13.39	8	7.14	0	0.00	10	8.93	112	100.00
163	PLEURA	2	66.67	0	0.00	0	0.00	0	0.00	1	33.33	3	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	7	87.50	0	0.00	1	12.50	0	0.00	0	0.00	8	100.00
171	CONNECTIVE TISS	17	100.00	0	0.00	0	0.00	0	0.00	0	0.00	17	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	15	93.75	0	0.00	0	0.00	0	0.00	1	6.25	16	100.00
175	BREAST MALE	4	66.67	0	0.00	2	33.33	0	0.00	0	0.00	6	100.00
185	PROSTATE	40	81.63	0	0.00	4	8.16	0	0.00	5	10.20	49	100.00
186	TESTIS	10	90.91	0	0.00	0	0.00	0	0.00	1	9.09	11	100.00
187	PENIS ETC	13	86.67	0	0.00	2	13.33	0	0.00	0	0.00	15	100.00
188	URI BLADDER	28	90.32	0	0.00	2	6.45	0	0.00	1	3.23	31	100.00
189	KIDNEY	14	77.78	0	0.00	1	5.56	0	0.00	3	16.67	18	100.00
190	EYE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
191	BRAIN	22	78.57	3	10.71	0	0.00	0	0.00	3	10.71	28	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	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
194	OTH ENDO GLANDS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
195	ILL DEF SITES	2	50.00	0	0.00	1	25.00	1	25.00	0	0.00	4	100.00
196	SEC LYMPH NODES	29	96.67	0	0.00	0	0.00	0	0.00	1	3.33	30	100.00
197	SEC RES ETC	15	68.18	2	9.09	1	4.55	0	0.00	4	18.18	22	100.00
198	SEC OTHER	9	69.23	2	15.38	2	15.38	0	0.00	0	0.00	13	100.00
199	PRIM UNK	0	0.00	0	0.00	1	1.28	0	0.00	77	98.72	78	100.00
200	LYMPHOSARCOMA	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
201	HODGKINS DIS	21	87.50	1	4.17	0	0.00	0	0.00	2	8.33	24	100.00
202	OTH LYMPHOMA	20	100.00	0	0.00	0	0.00	0	0.00	0	0.00	20	100.00
203	MULT MYELOMA	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
204	LEUK LYMPHATIC	12	100.00	0	0.00	0	0.00	0	0.00	0	0.00	12	100.00
205	LEUK MYELOID	24	92.31	0	0.00	0	0.00	0	0.00	2	7.69	26	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	5	62.50	0	0.00	0	0.00	0	0.00	3	37.50	8	100.00
ALL SITES TOTALS		871		52		97		9		164		1193	
%		73.01		4.36		8.13		0.75		13.75		100.00	

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : FEMALE YEAR : 1987

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

ICD 9TH	SITE	MICROSCOPIC n	%	X-RAY n	%	CLINICAL ONLY n	%	OTHERS n	%	D.C.O. n	%	TOTALS n	%
140	LIP	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
141	TONGUE	6	60.00	0	0.00	4	40.00	0	0.00	0	0.00	10	100.00
142	SALIVARY GLANDS	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
143	GUM	22	95.65	0	0.00	1	4.35	0	0.00	0	0.00	23	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	56	90.32	0	0.00	6	9.68	0	0.00	0	0.00	62	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	1	100.00	0	0.00	0	0.00	1	100.00
148	HYPOPHARYNX	10	83.33	0	0.00	2	16.67	0	0.00	0	0.00	12	100.00
149	PHARYNX ETC	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
150	OESOPHAGUS	56	62.22	23	25.56	5	5.56	0	0.00	6	6.67	90	100.00
151	STOMACH	30	58.82	3	5.88	6	11.76	4	7.84	8	15.69	51	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
153	COLON	18	69.23	1	3.85	2	7.69	1	3.85	4	15.38	26	100.00
154	RECTUM	25	86.21	0	0.00	4	13.79	0	0.00	0	0.00	29	100.00
155	LIVER	8	72.73	0	0.00	0	0.00	0	0.00	3	27.27	11	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	2	22.22	4	44.44	2	22.22	1	11.11	0	0.00	9	100.00
158	RETROPERITONEUM	2	66.67	0	0.00	0	0.00	0	0.00	1	33.33	3	100.00
159	OTHER DIS SYS	3	75.00	0	0.00	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	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
162	LUNG	15	71.43	2	9.52	1	4.76	0	0.00	3	14.29	21	100.00
163	PLEURA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	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	10	83.33	0	0.00	1	8.33	0	0.00	1	8.33	12	100.00
171	CONNECTIVE TISS	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	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	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
174	BREAST FEM	190	84.07	0	0.00	24	10.62	1	0.44	11	4.87	226	100.00
179	UTERINE UNS	6	66.67	0	0.00	1	11.11	0	0.00	2	22.22	9	100.00
180	CERVIX UTERI	311	90.94	0	0.00	26	7.60	1	0.29	4	1.17	342	100.00
181	PLACENTA	1	50.00	0	0.00	0	0.00	0	0.00	1	50.00	2	100.00
182	BODY UTERUS	20	100.00	0	0.00	0	0.00	0	0.00	0	0.00	20	100.00
183	OVARY	56	88.89	0	0.00	2	3.17	0	0.00	5	7.94	63	100.00
184	VAGINA	13	86.67	0	0.00	2	13.33	0	0.00	0	0.00	15	100.00
188	URI BLADDER	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
189	KIDNEY	9	69.23	0	0.00	0	0.00	0	0.00	4	30.77	13	100.00
190	EYE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
191	BRAIN	12	60.00	2	10.00	1	5.00	0	0.00	5	25.00	20	100.00
192	NERVOUS SYSTEM	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
193	THYROID GLAND	28	87.50	1	3.13	3	9.38	0	0.00	0	0.00	32	100.00
194	OTH ENDO GLANDS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
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	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
197	SEC RES ETC	10	83.33	0	0.00	0	0.00	0	0.00	2	16.67	12	100.00
198	SEC OTHER	5	71.43	1	14.29	1	14.29	0	0.00	0	0.00	7	100.00
199	PRIM UNK	3	3.75	1	1.25	0	0.00	0	0.00	76	95.00	80	100.00
200	LYMPHOSARCOMA	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
201	HODGKINS DIS	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
202	OTH LYMPHOMA	17	94.44	0	0.00	0	0.00	0	0.00	1	5.56	18	100.00
203	MULT MYELOMA	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
204	LEUK LYMPHATIC	5	71.43	0	0.00	0	0.00	0	0.00	2	28.57	7	100.00
205	LEUK MYELOID	16	94.12	0	0.00	0	0.00	0	0.00	1	5.88	17	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	2	33.33	0	0.00	0	0.00	0	0.00	4	66.67	6	100.00
ALL SITES TOTALS		1061		38		100		8		148		1355	
%		78.30		2.80		7.38		0.59		10.92		100.00	

ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1, 1986 IN BOMBAY

TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE NUMBER	MALE %	FEMALE NUMBER	FEMALE %	TOTAL NUMBER	TOTAL %
0-4	512592	9.52	498404	11.54	1010996	10.42
5-9	537665	9.99	524200	12.14	1061865	10.95
10-14	519395	9.65	490838	11.37	1010233	10.42
15-19	519946	9.66	423310	9.80	943256	9.72
20-24	660416	12.27	466795	10.81	1127211	11.62
25-29	592514	11.01	438957	10.17	1031471	10.63
30-34	458610	8.52	332572	7.70	791182	8.16
35-39	403376	7.50	290569	6.73	693945	7.15
40-44	335087	6.23	219722	5.09	554809	5.72
45-49	274494.0	5.10	189325	4.38	463819	4.78
50-54	212290	3.94	142143	3.29	354433	3.65
55-59	139654	2.59	92947	2.15	232601	2.40
60-64	97177	1.81	82781	1.92	179958	1.86
65-69	52695	0.98	50256	1.16	102951	1.06
70-74	34059	0.63	35848	0.83	69907	0.72
75 +	31777	0.59	39337	0.91	71114	0.73
TOTAL	5381747	100.00	4318004	100.00	9699751	100.00

ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1, 1987 IN BOMBAY

TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE NUMBER	MALE %	FEMALE NUMBER	FEMALE %	TOTAL NUMBER	TOTAL %
0-4	528336	9.53	517592	11.55	1045928	10.43
5-9	553902	9.99	544099	12.14	1098001	10.95
10-14	535142	9.65	509450	11.36	1044592	10.42
15-19	536007	9.67	439622	9.81	975629	9.73
20-24	680684	12.28	484756	10.81	1165440	11.62
25-29	610603	11.01	455768	10.17	1066371	10.63
30-34	472460	8.52	345192	7.70	817652	8.15
35-39	415504	7.49	301555	6.73	717059	7.15
40-44	345152	6.22	228028	5.09	573180	5.72
45-49	282717	5.10	196501	4.38	479218	4.78
50-54	218651	3.94	147540	3.29	366191	3.65
55-59	143834	2.59	96472	2.15	240306	2.40
60-64	100130	1.81	85976	1.92	186106	1.86
65-69	54288	0.98	52182	1.16	106470	1.06
70-74	35089	0.63	37223	0.83	72312	0.72
75 +	32738	0.59	40848	0.91	73586	0.73
TOTAL	5545237	100.00	4482804	100.00	10028040	100.00

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 project started in collaboration with and received financial support up to 1975 from the Biometry Branch of the National Cancer Institute of the Department of Health in Bethesda, USA. During 1976-80 the project received financial support from the Department of Science and Technology, Government of India at 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 n Bombay. Major cancer surgery is undertaken in all the major hospitals, and in some well equipped private nursing homes in the city. Facilities 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 ew 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 nterview each cancer patient as well as those suspected of having cancer. All files maintained by the various lepartments of these hospitals are also cross checked individually. Care is taken to prevent duplication of an entry elating 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 ot included in the registry files, because of a paucity of clinical details and lack of specific information on the residential tatus of patients attending these clinics.

Supplementary information is gleaned from the death records maintained by the Bombay Municipal Corporation. his makes it possible to check on a number of missed cases. Every cancer death not traceable to an entry in the les, 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 opulation of Greater Bombay, a densely populated metropolis on the west coast of India, occupying an area of 603 quare kilometers, situated between latitudes 18°54' to 19°16' N, and longitudes 70°47' to 73° E. Greater Bombay is, fact, an island, joined to the mainland by bridges, and has a warm, humid climate.

The estimated population as on July 1, 1987 of Greater Bombay is 10.0 million (males : 5.5 millions, females : 5 millions). In fact the Bombay is the industrial heart of India. Immigration to Bombay continues unabated and the opulation now has the sizeable numbers of people from every State in the Union. However, between 1961 and 1981 e migrants, duration of residence less than one year, to Bombay has declined, from 205,252 to 123,681.

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : MALES YEAR : 1986

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	1	0	0	0	2	1	1	1	0	3	1	0	0	10	0.29
141	TONGUE	0	0	0	0	2	1	7	9	18	18	35	24	32	29	18	12	1	206	5.91
142	SALIVARY G	0	0	1	0	0	0	1	0	1	2	1	1	3	1	0	2	0	13	0.37
143	GUM	0	0	0	0	0	0	1	2	2	8	7	5	7	2	2	2	0	38	1.09
144	FLOOR OF M	0	0	0	0	0	0	0	1	1	0	4	3	2	0	3	0	0	14	0.40
145	OTHER MOUT	0	0	0	0	2	1	5	13	17	16	20	25	11	8	8	4	1	131	3.76
146	OROPHARYNX	0	0	0	1	2	0	4	7	11	14	18	8	10	7	3	3	0	88	2.53
147	NASOPHARYN	0	0	2	0	3	1	0	3	3	4	2	1	1	4	2	0	0	26	0.75
148	HYPOPHARYN	0	0	0	0	0	5	4	10	8	25	30	46	31	20	20	14	2	215	6.17
149	PHARYNX ET	0	0	0	0	0	1	3	2	3	4	7	11	12	8	8	5	0	64	1.84
150	OESOPHAGUS	0	0	0	0	0	0	1	12	13	23	35	43	41	39	29	32	0	268	7.69
151	STOMACH	1	0	0	0	1	1	1	8	9	16	28	33	25	25	19	23	0	190	5.45
152	SMALL INTE	0	0	0	0	1	0	1	1	3	2	1	1	0	2	1	2	0	15	0.43
153	COLON	0	0	0	1	2	2	2	6	13	10	16	9	10	11	7	9	0	98	2.81
154	RECTUM	0	0	1	2	2	3	3	2	6	4	10	7	9	11	4	10	0	74	2.12
155	LIVER	0	2	0	0	1	0	3	3	4	4	18	18	10	11	12	8	0	94	2.70
156	GALL BALDD	0	0	0	0	1	0	1	2	3	3	4	4	4	2	3	1	0	28	0.80
157	PANCREAS	0	0	0	0	0	2	1	2	8	7	11	11	10	5	9	6	0	72	2.07
158	RETROPERIT	0	0	0	0	0	1	2	0	2	2	1	1	0	0	0	1	0	10	0.29
159	OTHER DIS	0	0	0	0	0	0	1	2	0	1	0	1	1	2	0	0	0	8	0.23
160	NASAL CAVI	0	0	0	1	0	0	0	1	2	5	4	4	3	3	1	2	0	26	0.75
161	LARYNX	0	0	0	0	0	2	5	10	20	21	39	38	35	37	23	19	0	249	7.15
162	LUNG	0	0	0	0	0	4	3	7	17	32	42	53	48	45	28	36	0	315	9.04
163	PLEURA	0	1	0	0	0	0	0	0	0	1	2	2	1	1	1	3	0	12	0.34
164	THYMUS	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	1	0	4	0.11
165	OTHER RES	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.03
170	BONE	0	4	5	8	5	5	3	2	3	1	1	1	2	0	1	1	0	42	1.21
171	CONNECTIVE	3	1	2	1	4	3	0	6	4	3	3	4	5	3	3	2	0	47	1.35
172	SKIN MELAN	0	0	0	0	0	0	1	1	1	1	0	1	2	0	0	0	0	7	0.20
173	SKIN OTHER	0	0	0	0	1	4	0	5	7	8	7	8	2	7	3	7	0	59	1.69
175	BREAST MAL	0	0	0	0	0	0	0	0	0	0	0	1	1	0	3	1	0	6	0.17
185	PROSTATE	0	0	0	0	0	0	0	1	0	1	2	7	18	23	23	32	1	108	3.10
186	TESTIS	2	0	0	4	7	14	3	7	3	2	3	1	2	2	1	1	1	53	1.52
187	PENIS ETC	0	0	0	1	1	0	5	5	7	11	11	10	4	7	2	4	1	69	1.9
188	URI BLADDE	1	0	0	0	0	0	1	2	5	6	11	14	18	8	13	10	0	89	2.55
189	KIDNEY	0	1	0	0	0	1	1	0	2	7	4	6	3	6	2	5	0	38	1.0
190	EYE	6	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	9	0.2
191	BRAIN	5	4	5	6	3	3	7	9	5	1	6	4	4	7	1	2	2	74	2.1
192	NERVOUS SY	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0.0
193	THYROID GL	0	0	2	1	1	5	4	1	4	4	5	2	3	3	2	0	0	37	1.0
194	OTH ENDO G	5	1	1	2	1	1	0	0	0	0	0	0	0	0	0	0	0	11	0.3
195	ILL DEF SI	0	1	0	1	0	0	0	0	0	2	1	3	3	1	0	1	0	13	0.3
196	SEC LYMPH	0	0	0	0	0	3	4	7	4	9	9	13	17	5	3	6	0	80	2.3
197	SEC RES ET	1	1	0	1	2	0	4	3	5	3	8	9	16	6	6	8	0	73	2.1
198	SEC OTHER	0	0	0	0	0	0	0	1	1	3	4	9	8	6	6	1	0	39	1.1
199	PRIM UNK	0	0	0	0	0	0	0	2	2	0	2	1	2	3	2	4	1	19	0.5
200	LYMPHOSARC	0	1	4	7	7	4	3	5	1	7	3	2	11	5	9	4	0	73	2.1
201	HODGKINS D	1	4	1	2	6	3	6	5	1	2	2	3	3	3	3	0	0	45	1.2
202	OTH LYMPHO	3	0	4	3	5	4	1	8	1	5	1	2	3	3	2	0	0	45	1.2
203	MULT MYELO	0	0	0	0	0	0	3	0	2	0	4	4	3	3	1	2	0	22	0.6
204	LEUK LYMPH	13	12	5	7	3	4	1	1	1	4	0	2	1	2	1	2	0	59	1.6
205	LEUK MYELO	4	6	3	5	6	3	7	8	6	6	5	8	6	1	2	2	0	78	2.2
206	LEUK MONOC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.0
207	LEUK OTH S	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.0
208	LEUK UNS	2	2	0	2	5	0	0	0	1	1	0	0	2	1	0	1	0	17	0.4
	TOTAL	47	42	37	56	76	82	103	183	232	311	429	466	447	381	291	291	10	3484	100.
	%	1.3	1.2	1.1	1.6	2.2	2.4	3.0	5.3	6.7	8.9	12.3	13.4	12.8	10.9	8.4	8.4	0.3	100.0	

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALES YEAR : 1986

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	1	0	0	2	1	0	0	2	2	0	0	0	8	0.27
141	TONGUE	0	0	0	0	1	1	1	3	4	9	8	13	6	5	11	7	0	69	2.32
142	SALIVARY G	0	0	1	0	0	1	1	1	2	1	1	1	1	0	2	1	0	13	0.44
143	GUM	0	0	0	1	0	1	1	2	3	4	2	12	3	4	1	0	0	34	1.14
144	FLOOR OF M	0	0	0	0	0	0	1	0	2	0	1	2	0	0	0	0	0	6	0.20
145	OTHER MOUT	0	0	0	0	0	2	2	6	4	7	5	13	7	6	4	9	0	65	2.18
146	OROPHARYNX	0	0	0	0	1	0	0	2	1	0	2	4	2	0	2	1	0	15	0.50
147	NASOPHARYN	0	0	1	1	2	1	2	2	0	0	1	2	0	0	0	0	0	12	0.40
148	HYPOPHARYN	0	0	0	0	1	1	0	5	3	9	12	5	10	1	1	1	0	49	1.65
149	PHARYNX ET	0	0	0	0	0	0	1	1	0	1	0	2	1	5	0	0	0	11	0.37
150	OESOPHAGUS	0	0	0	1	0	1	4	8	15	32	22	22	22	20	15	22	0	184	6.18
151	STOMACH	0	1	0	0	2	0	2	3	6	5	12	13	20	10	12	16	0	102	3.43
152	SMALL INTE	0	0	0	0	1	0	0	1	0	0	0	0	1	0	1	0	1	5	0.17
153	COLON	0	0	0	0	0	1	2	1	2	6	7	6	7	6	5	9	0	52	1.75
154	RECTUM	0	0	0	0	0	0	2	1	7	8	10	12	5	1	5	8	0	59	1.98
155	LIVER	2	0	0	0	1	3	2	4	2	1	9	9	4	5	6	8	0	56	1.88
156	GALL BALDD	0	0	0	0	0	0	0	2	4	9	7	1	5	2	3	3	0	36	1.21
157	PANCREAS	0	0	0	0	0	1	0	0	3	4	5	2	4	1	3	2	0	25	0.84
158	RETROPERIT	1	0	1	0	0	1	0	2	1	1	0	2	0	0	1	3	0	13	0.44
159	OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	1	1	3	1	1	0	7	0.24
160	NASAL CAVI	0	0	0	0	1	1	0	1	0	5	4	1	3	1	2	3	0	22	0.74
161	LARYNX	0	0	0	0	1	0	1	1	0	4	7	7	1	4	3	6	0	35	1.18
162	LUNG	0	0	0	0	0	2	0	2	4	5	5	5	5	4	6	6	0	44	1.48
163	PLEURA	0	0	0	1	0	0	1	0	0	0	3	2	2	0	0	0	0	9	0.30
164	THYMUS	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0.10
165	OTHER RES	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.03
170	BONE	0	1	3	7	3	1	3	0	0	4	1	2	3	0	0	0	0	28	0.94
171	CONNECTIVE	0	0	1	4	1	1	2	0	1	4	1	2	2	0	0	2	0	21	0.71
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0	4	0.13
173	SKIN OTHER	0	0	0	2	1	3	3	1	4	4	3	5	4	2	3	5	0	40	1.34
174	BREAST FEM	0	0	0	1	3	21	28	66	106	91	112	54	69	60	39	23	1	674	22.66
179	UTERINE UN	0	0	0	0	0	0	0	0	2	2	7	4	5	4	1	9	0	34	1.14
180	CERVIX UTE	0	0	0	0	3	21	31	55	68	73	71	57	60	37	25	12	1	514	17.28
181	PLACENTA	0	0	0	1	1	3	1	1	0	0	0	0	0	0	0	0	0	7	0.24
182	BODY UTERU	0	0	0	0	1	1	1	1	6	4	12	9	12	3	7	4	0	61	2.05
183	OVARY	0	0	2	2	2	4	6	11	18	26	23	14	9	16	8	8	0	149	5.01
184	VAGINA	0	0	0	0	1	1	2	3	2	2	5	3	1	6	0	3	0	29	0.97
188	URI BLADDE	0	0	0	0	0	0	2	1	1	0	1	2	3	2	4	2	0	18	0.61
189	KIDNEY	4	0	0	0	0	1	2	1	1	0	1	2	2	3	1	0	0	18	0.61
190	EYE	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.17
191	BRAIN	2	3	6	6	1	4	1	3	7	1	2	2	3	3	3	0	0	47	1.58
192	NERVOUS SY	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	4	0.13
193	THYROID GL	0	0	0	2	4	2	4	5	6	7	6	6	5	0	3	1	0	51	1.71
194	OTH ENDO G	2	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	0.10
195	ILL DEF SI	0	0	0	0	0	0	0	1	2	1	2	2	3	5	3	1	0	20	0.67
196	SEC LYMPH	0	0	1	1	0	0	4	4	4	3	7	5	4	5	4	4	0	46	1.55
197	SEC RES ET	0	0	0	0	0	0	3	3	5	4	5	7	6	5	3	4	0	45	1.51
198	SEC OTHER	1	0	0	0	0	2	0	1	2	3	6	4	1	4	1	0	0	25	0.84
199	PRIM UNK	0	0	0	1	0	0	0	0	3	1	0	1	0	1	0	1	0	8	0.27
200	LYMPHOSARC	0	0	1	0	5	0	6	1	2	1	5	4	1	3	1	3	0	33	1.11
201	HODGKINS D	0	0	0	1	1	1	3	2	0	1	0	0	0	1	0	0	0	10	0.34
202	OTH LYMPHO	0	1	0	2	2	0	2	5	0	3	1	4	1	2	2	3	0	28	0.94
203	MULT MYELO	0	0	0	0	0	0	0	0	0	2	0	5	2	2	0	4	0	15	0.50
204	LEUK LYMPH	7	7	4	3	2	0	2	2	2	0	3	1	2	3	1	3	0	42	1.41
205	LEUK MYELO	1	4	0	2	5	4	6	2	11	6	5	1	1	1	0	1	0	50	1.68
206	LEUK MONOC	1	0	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	LEUK UNS	1	0	0	1	0	1	0	1	1	1	0	1	1	0	1	1	0	10	0.34
	TOTAL	29	18	22	41	47	89	135	220	319	357	403	334	313	248	196	201	3	2975	100.00
	%	1.0	0.6	0.7	1.4	1.6	3.0	4.5	7.4	10.7	12.0	13.5	11.2	10.5	8.3	6.6	6.8	0.1	100.0	

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : MALES YEAR : 1986

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	0.2	0.0	0.0	0.0	0.6	0.4	0.5	0.7	0.0	5.7	2.9	0.0	0.2	0.4	0.4
141 TONGUE	0.0	0.0	0.0	0.0	0.3	0.2	1.5	2.2	5.4	6.6	16.5	17.2	32.9	55.0	52.8	37.8	3.8	7.3	11.9
142 SALIVARY	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.0	0.3	0.7	0.5	0.7	3.1	1.9	0.0	6.3	0.2	0.5	0.8
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.6	2.9	3.3	3.6	7.2	3.8	5.9	6.3	0.7	1.2	2.7
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	1.9	2.1	2.1	0.0	8.8	0.0	0.3	0.5	1.0
145 OTHER MO	0.0	0.0	0.0	0.0	0.3	0.2	1.1	3.2	5.1	5.8	9.4	17.9	11.3	15.2	23.5	12.6	2.4	3.8	8.0
146 OROPHARY	0.0	0.0	0.0	0.2	0.3	0.0	0.9	1.7	3.3	5.1	8.5	5.7	10.3	13.3	8.8	9.4	1.6	2.5	5.4
147 NASOPHAR	0.0	0.0	0.4	0.0	0.5	0.2	0.0	0.7	0.9	1.5	0.9	0.7	1.0	7.6	5.9	0.0	0.5	0.7	1.0
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.8	0.9	2.5	2.4	9.1	14.1	32.9	31.9	38.0	58.7	44.1	4.0	7.5	13.4
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.2	0.7	0.5	0.9	1.5	3.3	7.9	12.3	15.2	23.5	15.7	1.2	2.4	3.7
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	0.2	3.0	3.9	8.4	16.5	30.8	42.2	74.0	85.1	100.7	5.0	10.6	15.0
151 STOMACH	0.2	0.0	0.0	0.0	0.2	0.2	0.2	2.0	2.7	5.8	13.2	23.6	25.7	47.4	55.8	72.4	3.5	7.3	10.5
152 SMALL IN	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.9	0.7	0.5	0.7	0.0	3.8	2.9	6.3	0.3	0.5	0.5
153 COLON	0.0	0.0	0.0	0.2	0.3	0.3	0.4	1.5	3.9	3.6	7.5	6.4	10.3	20.9	20.6	28.3	1.8	3.3	5.1
154 RECTUM	0.0	0.0	0.2	0.4	0.3	0.5	0.7	0.5	1.8	1.5	4.7	5.0	9.3	20.9	11.7	31.5	1.4	2.7	3.3
155 LIVER	0.0	0.4	0.0	0.0	0.2	0.0	0.7	0.7	1.2	1.5	8.5	12.9	10.3	20.9	35.2	25.2	1.7	3.5	5.0
156 GALL BAL	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.5	0.9	1.1	1.9	2.9	4.1	3.8	8.8	3.1	0.5	0.9	1.7
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.5	2.4	2.6	5.2	7.9	10.3	9.5	26.4	18.9	1.3	2.5	4.2
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.2	0.4	0.0	0.6	0.7	0.5	0.7	0.0	0.0	0.0	3.1	0.2	0.2	0.4
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.0	0.4	0.0	0.7	1.0	3.8	0.0	0.0	0.1	0.2	0.4
160 NASAL CA	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.2	0.6	1.8	1.9	2.9	3.1	5.7	2.9	6.3	0.5	0.9	1.6
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.3	1.1	2.5	6.0	7.7	18.4	27.2	36.0	70.2	67.5	59.8	4.6	9.2	14.2
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.7	0.7	1.7	5.1	11.7	19.8	38.0	49.4	85.4	82.2	113.3	5.9	12.2	18.0
163 PLEURA	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.9	1.4	1.0	1.9	2.9	9.4	0.2	0.5	0.5
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.4	0.0	0.0	0.0	0.0	0.0	3.1	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	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.1
170 BONE	0.0	0.7	1.0	1.5	0.8	0.8	0.7	0.5	0.9	0.4	0.5	0.7	2.1	0.0	2.9	3.1	0.8	0.8	0.8
171 CONNECTI	0.6	0.2	0.4	0.2	0.6	0.5	0.0	1.5	1.2	1.1	1.4	2.9	5.1	5.7	8.8	6.3	0.9	1.3	2.0
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.4	0.0	0.7	2.1	0.0	0.0	0.0	0.1	0.2	0.5
173 SKIN OTH	0.0	0.0	0.0	0.0	0.2	0.7	0.0	1.2	2.1	2.9	3.3	5.7	2.1	13.3	8.8	22.0	1.1	1.9	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	0.7	1.0	0.0	8.8	3.1	0.1	0.3	0.2
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.4	0.9	5.0	18.5	43.6	67.5	100.7	2.0	5.7	3.3
186 TESTIS	0.4	0.0	0.0	0.8	1.1	2.4	0.7	1.7	0.9	0.7	1.4	0.7	2.1	3.8	2.9	3.1	1.0	1.0	1.2
187 PENIS ET	0.0	0.0	0.0	0.2	0.2	0.0	1.1	1.2	2.1	4.0	5.2	7.2	4.1	13.3	5.9	12.6	1.3	2.0	3.7
188 URI BLAD	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.5	1.5	2.2	5.2	10.0	18.5	15.2	38.2	31.5	1.7	3.5	5.3
189 KIDNEY	0.0	0.2	0.0	0.0	0.0	0.2	0.2	0.0	0.6	2.6	1.9	4.3	3.1	11.4	5.9	15.7	0.7	1.4	1.9
190 EYE	1.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.2	0.2	0.1
191 BRAIN	1.0	0.7	1.0	1.2	0.5	0.5	1.5	2.2	1.5	0.4	2.8	2.9	4.1	13.3	2.9	6.3	1.4	1.8	2.1
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.0	0.0	0.0	0.0	0.0	0.1	0.2
193 THYROID	0.0	0.0	0.4	0.2	0.2	0.8	0.9	0.2	1.2	1.5	2.4	1.4	3.1	5.7	5.9	0.0	0.7	0.9	1.5
194 OTH ENDO	1.0	0.2	0.2	0.4	0.2	0.2	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
195 ILL DEF	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.7	0.5	2.1	3.1	1.9	0.0	3.1	0.2	0.4	0.9
196 SEC LYMP	0.0	0.0	0.0	0.0	0.0	0.5	0.9	1.7	1.2	3.3	4.2	9.3	17.5	9.5	8.8	18.9	1.5	2.6	5.3
197 SEC RES	0.2	0.2	0.0	0.2	0.3	0.0	0.9	0.7	1.5	1.1	3.8	6.4	16.5	11.4	17.6	25.2	1.4	2.6	4.2
198 SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.1	1.9	6.4	8.2	11.4	17.6	3.1	0.7	1.5	2.5
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.9	0.7	2.1	5.7	5.9	12.6	0.4	0.8	0.7
200 LYMPHOSA	0.0	0.2	0.8	1.3	1.1	0.7	0.7	1.2	0.3	2.6	1.4	1.4	11.3	9.5	26.4	12.6	1.4	2.3	2.7
201 HODGKINS	0.2	0.7	0.2	0.4	0.9	0.5	1.3	1.2	0.3	0.7	0.9	2.1	3.1	5.7	8.8	0.0	0.8	1.1	1.3
202 OTH LYMP	0.6	0.0	0.8	0.6	0.8	0.7	0.2	2.0	0.3	1.8	0.5	1.4	3.1	5.7	5.9	0.0	0.8	1.1	1.5
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.6	0.0	1.9	2.9	3.1	5.7	2.9	6.3	0.4	0.8	1.2
204 LEUK LYM	2.5	2.2	1.0	1.3	0.5	0.7	0.2	0.2	0.3	1.5	0.0	1.4	1.0	3.8	2.9	6.3	1.1	1.4	0.7
205 LEUK MYE	0.8	1.1	0.6	1.0	0.9	0.5	1.5	2.0	1.8	2.2	2.4	5.7	6.2	1.9	5.9	6.3	1.4	1.8	3.1
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	0.2	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	0.4	0.4	0.0	0.4	0.8	0.0	0.0	0.0	0.3	0.4	0.0	0.0	2.1	1.9	0.0	3.1	0.3	0.4	0.4
TOTAL	9.2	7.8	7.1	10.8	11.5	13.8	22.5	45.4	69.2	113.3	202.1	333.7	460.0	723.0	854.4	915.8	64.7	119.5	179.1

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALES YEAR : 1986

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	0.2	0.0	0.0	0.9	0.5	0.0	0.0	2.4	4.0	0.0	0.0	0.2	0.3	0.6
141 TONGUE	0.0	0.0	0.0	0.0	0.2	0.2	0.3	1.0	1.8	4.8	5.6	14.0	7.2	9.9	30.7	17.8	1.6	2.9	5.1
142 SALIVARY	0.0	0.0	0.2	0.0	0.0	0.2	0.3	0.3	0.9	0.5	0.7	1.1	1.2	0.0	5.6	2.5	0.3	0.5	0.8
143 GUM	0.0	0.0	0.0	0.2	0.0	0.2	0.3	0.7	1.4	2.1	1.4	12.9	3.6	8.0	2.8	0.0	0.8	1.3	3.2
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.9	0.0	0.7	2.2	0.0	0.0	0.0	0.0	0.1	0.2	0.6
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.5	0.6	2.1	1.8	3.7	3.5	14.0	8.5	11.9	11.2	22.9	1.5	2.6	4.9
146 OROPHARY	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.7	0.5	0.0	1.4	4.3	2.4	0.0	5.6	2.5	0.3	0.6	1.3
147 NASOPHAR	0.0	0.0	0.2	0.2	0.4	0.2	0.6	0.7	0.0	0.0	0.7	2.2	0.0	0.0	0.0	0.0	0.3	0.3	0.5
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.2	0.2	0.0	1.7	1.4	4.8	8.4	5.4	12.1	2.0	2.8	2.5	1.1	1.8	5.1
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.5	0.0	2.2	1.2	9.9	0.0	0.0	0.3	0.5	0.6
150 OESOPHAG	0.0	0.0	0.0	0.2	0.0	0.2	1.2	2.8	6.8	16.9	15.5	23.7	26.6	39.8	41.8	55.9	4.3	7.6	14.1
151 STOMACH	0.0	0.2	0.0	0.0	0.4	0.0	0.6	1.0	2.7	2.6	8.4	14.0	24.2	19.9	33.5	40.7	2.4	4.5	7.5
152 SMALL IN	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	1.2	0.0	2.8	0.0	0.1	0.1	0.2
153 COLON	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.3	0.9	3.2	4.9	6.5	8.5	11.9	13.9	22.9	1.2	2.3	3.6
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	3.2	4.2	7.0	12.9	6.0	2.0	13.9	20.3	1.4	2.4	5.1
155 LIVER	0.4	0.0	0.0	0.0	0.2	0.7	0.6	1.4	0.9	0.5	6.3	9.7	4.8	9.9	16.7	20.3	1.3	2.3	3.4
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.8	4.8	4.9	1.1	6.0	4.0	8.4	7.6	0.8	1.4	3.1
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.4	2.1	3.5	2.2	4.8	2.0	8.4	5.1	0.6	1.0	2.1
158 RETROPER	0.2	0.0	0.2	0.0	0.0	0.2	0.0	0.7	0.5	0.5	0.0	2.2	0.0	0.0	2.8	7.6	0.3	0.5	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	1.1	1.2	6.0	2.8	2.5	0.2	0.4	0.3
160 NASAL CA	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.3	0.0	2.6	2.8	1.1	3.6	2.0	5.6	7.6	0.5	0.9	1.6
161 LARYNX	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.3	0.0	2.1	4.9	7.5	1.2	8.0	8.4	15.3	0.8	1.5	2.4
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.7	1.8	2.6	3.5	5.4	6.0	8.0	16.7	15.3	1.0	1.9	3.0
163 PLEURA	0.0	0.0	0.0	0.2	0.0	0.0	0.3	0.0	0.0	0.0	2.1	2.2	2.4	0.0	0.0	0.0	0.2	0.3	0.9
164 THYMUS	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	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	1.2	0.0	0.0	0.0	0.0	0.0	0.2
170 BONE	0.0	0.2	0.6	1.7	0.6	0.2	0.9	0.0	0.0	2.1	0.7	2.2	3.6	0.0	0.0	0.0	0.6	0.7	1.3
171 CONNECTI	0.0	0.0	0.2	0.9	0.2	0.2	0.6	0.0	0.5	2.1	0.7	2.2	2.4	0.0	0.0	5.1	0.5	0.6	1.2
172 SKIN MEL	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	5.6	2.5	0.1	0.2	0.1
173 SKIN OTH	0.0	0.0	0.0	0.5	0.2	0.7	0.9	0.3	1.8	2.1	2.1	5.4	4.8	4.0	8.4	12.7	0.9	1.5	2.5
174 BREAST F	0.0	0.0	0.0	0.2	0.6	4.8	8.4	22.7	48.2	48.1	78.8	58.1	83.4	119.4	108.8	58.5	15.6	24.6	54.0
179 UTERINE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.1	4.9	4.3	6.0	8.0	2.8	22.9	0.8	1.5	2.5
180 CERVIX U	0.0	0.0	0.0	0.0	0.6	4.8	9.3	18.9	30.9	38.6	49.9	61.3	72.5	73.6	69.7	30.5	11.9	18.4	42.4
181 PLACENTA	0.0	0.0	0.0	0.2	0.2	0.7	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.1
182 BODY UTE	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.3	2.7	2.1	8.4	9.7	14.5	6.0	19.5	10.2	1.4	2.5	5.5
183 OVARY	0.0	0.0	0.4	0.5	0.4	0.9	1.8	3.8	8.2	13.7	16.2	15.1	10.9	31.8	22.3	20.3	3.5	5.5	10.9
184 VAGINA	0.0	0.0	0.0	0.0	0.2	0.2	0.6	1.0	0.9	1.1	3.5	3.2	1.2	11.9	0.0	7.6	0.7	1.1	1.7
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.5	0.0	0.7	2.2	3.6	4.0	11.2	5.1	0.4	0.8	1.0
189 KIDNEY	0.8	0.0	0.0	0.0	0.0	0.2	0.6	0.3	0.5	0.0	0.7	2.2	2.4	6.0	2.8	0.0	0.4	0.7	0.9
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	0.4	0.6	1.2	1.4	0.2	0.9	0.3	1.0	3.2	0.5	1.4	2.2	3.6	6.0	8.4	0.0	1.1	1.4	1.9
192 NERVOUS	0.2	0.2	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	0.1	0.1	0.1
193 THYROID	0.0	0.0	0.0	0.5	0.9	0.5	1.2	1.7	2.7	3.7	4.2	6.5	6.0	0.0	8.4	2.5	1.2	1.6	3.9
194 OTH ENDO	0.4	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	0.1	0.1	0.1
195 ILL DEF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.9	0.5	1.4	2.2	3.6	9.9	8.4	2.5	0.5	0.9	1.3
196 SEC LYMP	0.0	0.0	0.2	0.2	0.0	0.0	1.2	1.4	1.8	1.6	4.9	5.4	4.8	9.9	11.2	10.2	1.1	1.8	3.0
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	2.3	2.1	3.5	7.5	7.2	9.9	8.4	10.2	1.0	1.8	3.5
198 SEC OTHE	0.2	0.0	0.0	0.0	0.0	0.5	0.0	0.3	0.9	1.6	4.2	4.3	1.2	8.0	2.8	0.0	0.6	1.0	1.9
199 PRIM UNK	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	1.4	0.5	0.0	1.1	0.0	2.0	0.0	2.5	0.2	0.3	0.5
200 LYMPHOSA	0.0	0.0	0.2	0.0	1.1	0.0	1.8	0.3	0.9	0.5	3.5	4.3	1.2	6.0	2.8	7.6	0.8	1.1	1.6
201 HODGKINS	0.0	0.0	0.0	0.2	0.2	0.2	0.9	0.7	0.0	0.5	0.0	0.0	0.0	2.0	0.0	0.0	0.2	0.2	0.2
202 OTH LYMP	0.0	0.2	0.0	0.5	0.4	0.0	0.6	1.7	0.0	1.6	0.7	4.3	1.2	4.0	5.6	7.6	0.6	1.0	1.5
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	5.4	2.4	4.0	0.0	10.2	0.3	0.7	1.2
204 LEUK LYM	1.4	1.3	0.8	0.7	0.4	0.0	0.6	0.7	0.9	0.0	2.1	1.1	2.4	6.0	2.8	7.6	1.0	1.2	1.1
205 LEUK MYE	0.2	0.8	0.0	0.5	1.1	0.9	1.8	0.7	5.0	3.2	3.5	1.1	1.2	2.0	0.0	2.5	1.2	1.3	2.6
206 LEUK MON	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
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	0.2	0.0	0.0	0.2	0.0	0.2	0.0	0.3	0.5	0.5	0.0	1.1	1.2	0.0	2.8	2.5	0.2	0.3	0.6
TOTAL	5.8	3.4	4.5	9.7	10.1	20.3	40.6	75.7	145.2	188.6	283.5	359.3	378.1	493.5	546.8	511.0	68.9	111.4	220.1

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : MALES

CUMULATIVE RISK (PER CENT) YEAR : 1986

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.04	0.01	0.05
141	TONGUE	0.00	0.01	0.68	0.41	0.95
142	SALIVARY GLANDS	0.00	0.00	0.04	0.03	0.04
143	GUM	0.00	0.00	0.11	0.09	0.14
144	FLOOR OF MOUTH	0.00	0.00	0.03	0.03	0.08
145	OTHER MOUTH	0.00	0.01	0.34	0.27	0.46
146	OROPHARYNX	0.00	0.01	0.24	0.18	0.29
147	NASOPHARYNX	0.00	0.00	0.07	0.03	0.10
148	HYPOPHARYNX	0.00	0.01	0.65	0.47	0.95
149	PHARYNX ETC	0.00	0.00	0.21	0.14	0.33
150	OESOPHAGUS	0.00	0.00	0.89	0.52	1.31
151	STOMACH	0.00	0.00	0.60	0.37	0.88
152	SMALL INTESTINE	0.00	0.00	0.03	0.02	0.05
153	COLON	0.00	0.01	0.27	0.17	0.38
154	RECTUM	0.00	0.01	0.22	0.12	0.29
155	LIVER	0.00	0.00	0.28	0.18	0.46
156	GALL BALDDER	0.00	0.00	0.08	0.06	0.12
157	PANCREAS	0.00	0.00	0.19	0.15	0.33
158	RETROPERITONEUM	0.00	0.00	0.01	0.02	0.02
159	OTHER DIS SYS	0.00	0.00	0.03	0.01	0.03
160	NASAL CAVITY	0.00	0.00	0.08	0.05	0.10
161	LARYNX	0.00	0.01	0.84	0.49	1.18
162	LUNG	0.00	0.01	1.05	0.63	1.46
163	PLEURA	0.00	0.00	0.03	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	0.01	0.02	0.02	0.05	0.07
171	CONNECTIVE TISS	0.01	0.01	0.09	0.08	0.15
172	SKIN MELANOMA	0.00	0.00	0.02	0.02	0.02
173	SKIN OTHER	0.00	0.00	0.15	0.09	0.20
175	BREAST MALE	0.00	0.00	0.01	0.01	0.05
185	PROSTATE	0.00	0.00	0.34	0.13	0.68
186	TESTIS	0.00	0.02	0.06	0.06	0.10
187	PENIS ETC	0.00	0.01	0.19	0.13	0.22
188	URI BLADDER	0.00	0.00	0.27	0.19	0.46
189	KIDNEY	0.00	0.00	0.12	0.06	0.15
190	EYE	0.01	0.00	0.01	0.01	0.01
191	BRAIN	0.01	0.02	0.14	0.10	0.18
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.01
193	THYROID GLAND	0.00	0.01	0.08	0.06	0.12
194	OTH ENDO GLANDS	0.01	0.00	0.00	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.04	0.03	0.04
196	SEC LYMPH NODES	0.00	0.01	0.23	0.19	0.28
197	SEC RES ETC	0.00	0.01	0.21	0.16	0.30
198	SEC OTHER	0.00	0.00	0.15	0.09	0.24
199	PRIM UNK	0.00	0.00	0.05	0.02	0.08
200	LYMPHOSARCOMA	0.00	0.02	0.14	0.11	0.29
201	HODGKINS DIS	0.01	0.02	0.07	0.06	0.14
202	OTH LYMPHOMA	0.01	0.01	0.07	0.06	0.12
203	MULT MYELOMA	0.00	0.00	0.07	0.05	0.09
204	LEUK LYMPHATIC	0.03	0.01	0.04	0.06	0.10
205	LEUK MYELOID	0.01	0.02	0.11	0.13	0.17
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	0.02	0.02	0.03
	ALL SITES	0.12	0.29	9.27	6.32	13.07

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALES

CUMULATIVE RISK (PER CENT) YEAR : 1986

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.04	0.02	0.04
141	TONGUE	0.00	0.00	0.22	0.18	0.38
142	SALIVARY GLANDS	0.00	0.00	0.02	0.03	0.06
143	GUM	0.00	0.00	0.15	0.11	0.17
144	FLOOR OF MOUTH	0.00	0.00	0.02	0.02	0.02
145	OTHER MOUTH	0.00	0.01	0.23	0.17	0.29
146	OROPHARYNX	0.00	0.00	0.05	0.05	0.08
147	NASOPHARYNX	0.00	0.01	0.02	0.03	0.03
148	HYPOPHARYNX	0.00	0.00	0.18	0.17	0.19
149	PHARYNX ETC	0.00	0.00	0.07	0.02	0.07
150	OESOPHAGUS	0.00	0.01	0.66	0.47	0.87
151	STOMACH	0.00	0.01	0.36	0.27	0.54
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.02
153	COLON	0.00	0.00	0.18	0.13	0.25
154	RECTUM	0.00	0.00	0.18	0.17	0.25
155	LIVER	0.00	0.01	0.17	0.13	0.26
156	GALL BALDDER	0.00	0.00	0.12	0.10	0.16
157	PANCREAS	0.00	0.00	0.08	0.07	0.12
158	RETROPERITONEUM	0.00	0.00	0.02	0.02	0.04
159	OTHER DIS SYS	0.00	0.00	0.04	0.01	0.06
160	NASAL CAVITY	0.00	0.00	0.06	0.05	0.09
161	LARYNX	0.00	0.00	0.12	0.08	0.16
162	LUNG	0.00	0.00	0.14	0.10	0.23
163	PLEURA	0.00	0.00	0.03	0.04	0.04
164	THYMUS	0.00	0.00	0.00	0.00	0.00
165	OTHER RES SYS	0.00	0.00	0.01	0.01	0.01
170	BONE	0.00	0.02	0.04	0.06	0.06
171	CONNECTIVE TISS	0.00	0.01	0.04	0.05	0.05
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.03
173	SKIN OTHER	0.00	0.01	0.10	0.09	0.16
174	BREAST FEM	0.00	0.07	2.27	1.75	2.87
179	UTERINE UNS	0.00	0.00	0.13	0.09	0.14
180	CERVIX UTERI	0.00	0.07	1.71	1.42	2.13
181	PLACENTA	0.00	0.01	0.00	0.01	0.01
182	BODY UTERUS	0.00	0.00	0.22	0.19	0.32
183	OVARY	0.00	0.02	0.50	0.36	0.63
184	VAGINA	0.00	0.01	0.11	0.06	0.12
188	URI BLADDER	0.00	0.00	0.06	0.04	0.12
189	KIDNEY	0.00	0.00	0.06	0.04	0.08
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.01	0.01	0.09	0.08	0.16
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.01	0.12	0.14	0.18
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.09	0.04	0.14
196	SEC LYMPH NODES	0.00	0.01	0.15	0.11	0.21
197	SEC RES ETC	0.00	0.00	0.17	0.12	0.21
198	SEC OTHER	0.00	0.00	0.10	0.07	0.12
199	PRIM UNK	0.00	0.00	0.02	0.02	0.03
200	LYMPHOSARCOMA	0.00	0.01	0.08	0.07	0.11
201	HODGKINS DIS	0.00	0.01	0.02	0.01	0.02
202	OTH LYMPHOMA	0.00	0.01	0.07	0.06	0.10
203	MULT MYELOMA	0.00	0.00	0.06	0.04	0.06
204	LEUK LYMPHATIC	0.02	0.01	0.07	0.06	0.11
205	LEUK MYELOID	0.00	0.02	0.08	0.10	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	0.00	0.00	0.02	0.02	0.04
	ALL SITES	0.07	0.40	9.17	7.34	11.62

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : MALE YEAR : 1986

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

ICD 9TH	SITE	MICROSCOPIC n	MICROSCOPIC %	X-RAY n	X-RAY %	CLINICAL ONLY n	CLINICAL ONLY %	OTHERS n	OTHERS %	D.C.O. n	D.C.O. %	TOTALS n	TOTALS %
140	LIP	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
141	TONGUE	178	86.41	1	0.49	19	9.22	0	0.00	8	3.88	206	100.00
142	SALIVARY GLANDS	11	84.62	0	0.00	1	7.69	0	0.00	1	7.69	13	100.00
143	GUM	32	84.21	2	5.26	2	5.26	0	0.00	2	5.26	38	100.00
144	FLOOR OF MOUTH	13	92.86	1	7.14	0	0.00	0	0.00	0	0.00	14	100.00
145	OTHER MOUTH	112	85.50	0	0.00	9	6.87	0	0.00	10	7.63	131	100.00
146	OROPHARYNX	80	90.91	0	0.00	6	6.82	0	0.00	2	2.27	88	100.00
147	NASOPHARYNX	21	80.77	0	0.00	5	19.23	0	0.00	0	0.00	26	100.00
148	HYPOPHARYNX	183	85.12	6	2.79	19	8.84	3	1.40	4	1.86	215	100.00
149	PHARYNX ETC	42	65.63	0	0.00	5	7.81	0	0.00	17	26.56	64	100.00
150	OESOPHAGUS	169	63.06	23	8.58	36	13.43	10	3.73	30	11.19	268	100.00
151	STOMACH	130	68.42	4	2.11	25	13.16	9	4.74	22	11.58	190	100.00
152	SMALL INTESTINE	10	66.67	0	0.00	1	6.67	1	6.67	3	20.00	15	100.00
153	COLON	68	69.39	3	3.06	14	14.29	5	5.10	8	8.16	98	100.00
154	RECTUM	59	79.73	1	1.35	7	9.46	2	2.70	5	6.76	74	100.00
155	LIVER	41	43.62	5	5.32	26	27.66	3	3.19	19	20.21	94	100.00
156	GALL BALDDER	16	57.14	0	0.00	9	32.14	1	3.57	2	7.14	28	100.00
157	PANCREAS	22	30.56	3	4.17	29	40.28	7	9.72	11	15.28	72	100.00
158	RETROPERITONEUM	7	70.00	0	0.00	1	10.00	2	20.00	0	0.00	10	100.00
159	OTHER DIS SYS	5	62.50	0	0.00	1	12.50	0	0.00	2	25.00	8	100.00
160	NASAL CAVITY	22	84.62	0	0.00	4	15.38	0	0.00	0	0.00	26	100.00
161	LARYNX	181	72.69	3	1.20	34	13.65	1	0.40	30	12.05	249	100.00
162	LUNG	177	56.19	32	10.16	59	18.73	11	3.49	36	11.43	315	100.00
163	PLEURA	8	66.67	1	8.33	2	16.67	0	0.00	1	8.33	12	100.00
164	THYMUS	1	25.00	0	0.00	1	25.00	0	0.00	2	50.00	4	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	35	83.33	0	0.00	2	4.76	0	0.00	5	11.90	42	100.00
171	CONNECTIVE TISS	43	91.49	0	0.00	2	4.26	0	0.00	2	4.26	47	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	58	98.31	0	0.00	1	1.69	0	0.00	0	0.00	59	100.00
175	BREAST MALE	5	83.33	0	0.00	0	0.00	0	0.00	1	16.67	6	100.00
185	PROSTATE	75	69.44	4	3.70	15	13.89	2	1.85	12	11.11	108	100.00
186	TESTIS	44	83.02	0	0.00	6	11.32	1	1.89	2	3.77	53	100.00
187	PENIS ETC	63	91.30	0	0.00	4	5.80	0	0.00	2	2.90	69	100.00
188	URI BLADDER	70	78.65	0	0.00	7	7.87	5	5.62	7	7.87	89	100.00
189	KIDNEY	30	78.95	0	0.00	5	13.16	1	2.63	2	5.26	38	100.00
190	EYE	8	88.89	0	0.00	1	11.11	0	0.00	0	0.00	9	100.00
191	BRAIN	59	79.73	2	2.70	10	13.51	1	1.35	2	2.70	74	100.00
192	NERVOUS SYSTEM	1	50.00	0	0.00	0	0.00	0	0.00	1	50.00	2	100.00
193	THYROID GLAND	29	78.38	0	0.00	6	16.22	2	5.41	0	0.00	37	100.00
194	OTH ENDO GLANDS	8	72.73	0	0.00	2	18.18	0	0.00	1	9.09	11	100.00
195	ILL DEF SITES	4	30.77	0	0.00	7	53.85	0	0.00	2	15.38	13	100.00
196	SEC LYMPH NODES	73	91.25	0	0.00	3	3.75	1	1.25	3	3.75	80	100.00
197	SEC RES ETC	47	64.38	7	9.59	14	19.18	1	1.37	4	5.48	73	100.00
198	SEC OTHER	24	61.54	4	10.26	10	25.64	0	0.00	1	2.56	39	100.00
199	PRIM UNK	2	10.53	0	0.00	7	36.84	2	10.53	8	42.11	19	100.00
200	LYMPHOSARCOMA	71	97.26	0	0.00	1	1.37	0	0.00	1	1.37	73	100.00
201	HODGKINS DIS	42	93.33	0	0.00	0	0.00	0	0.00	3	6.67	45	100.00
202	OTH LYMPHOMA	43	95.56	0	0.00	0	0.00	0	0.00	2	4.44	45	100.00
203	MULT MYELOMA	20	90.91	0	0.00	0	0.00	0	0.00	2	9.09	22	100.00
204	LEUK LYMPHATIC	53	89.83	0	0.00	0	0.00	0	0.00	6	10.17	59	100.00
205	LEUK MYELOID	68	87.18	0	0.00	0	0.00	0	0.00	10	12.82	78	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	15	88.24	0	0.00	0	0.00	0	0.00	2	11.76	17	100.00
ALL SITES TOTALS		2597		102		418		71		296		3484	
%		74.54		2.93		12.00		2.04		8.50		100.00	

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALE YEAR : 1986

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

ICD 9TH	SITE	MICROSCOPIC n	MICROSCOPIC %	X-RAY n	X-RAY %	CLINICAL ONLY n	CLINICAL ONLY %	OTHERS n	OTHERS %	D.C.O. n	D.C.O. %	TOTALS n	TOTALS %
140	LIP	7	87.50	0	0.00	1	12.50	0	0.00	0	0.00	8	100.00
141	TONGUE	59	85.51	0	0.00	4	5.80	1	1.45	5	7.25	69	100.00
142	SALIVARY GLANDS	11	84.62	0	0.00	1	7.69	0	0.00	1	7.69	13	100.00
143	GUM	27	79.41	1	2.94	3	8.82	0	0.00	3	8.82	34	100.00
144	FLOOR OF MOUTH	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
145	OTHER MOUTH	53	81.54	0	0.00	6	9.23	0	0.00	6	9.23	65	100.00
146	OROPHARYNX	12	80.00	0	0.00	2	13.33	0	0.00	1	6.67	15	100.00
147	NASOPHARYNX	11	91.67	0	0.00	0	0.00	0	0.00	1	8.33	12	100.00
148	HYPOPHARYNX	43	87.76	3	6.12	3	6.12	0	0.00	0	0.00	49	100.00
149	PHARYNX ETC	6	54.55	1	9.09	1	9.09	0	0.00	3	27.27	11	100.00
150	OESOPHAGUS	120	65.22	20	10.87	17	9.24	3	1.63	24	13.04	184	100.00
151	STOMACH	55	53.92	2	1.96	19	18.63	5	4.90	21	20.59	102	100.00
152	SMALL INTESTINE	3	60.00	0	0.00	0	0.00	0	0.00	2	40.00	5	100.00
153	COLON	32	61.54	2	3.85	10	19.23	2	3.85	6	11.54	52	100.00
154	RECTUM	43	72.88	3	5.08	6	10.17	1	1.69	6	10.17	59	100.00
155	LIVER	25	44.64	1	1.79	11	19.64	1	1.79	18	32.14	56	100.00
156	GALL BALDDER	17	47.22	0	0.00	11	30.56	3	8.33	5	13.89	36	100.00
157	PANCREAS	2	8.00	5	20.00	8	32.00	4	16.00	6	24.00	25	100.00
158	RETROPERITONEUM	12	92.31	0	0.00	0	0.00	0	0.00	1	7.69	13	100.00
159	OTHER DIS SYS	2	28.57	0	0.00	1	14.29	0	0.00	4	57.14	7	100.00
160	NASAL CAVITY	19	86.36	1	4.55	1	4.55	0	0.00	1	4.55	22	100.00
161	LARYNX	25	71.43	0	0.00	2	5.71	1	2.86	7	20.00	35	100.00
162	LUNG	26	59.09	3	6.82	4	9.09	0	0.00	11	25.00	44	100.00
163	PLEURA	4	44.44	0	0.00	3	33.33	1	11.11	1	11.11	9	100.00
164	THYMUS	2	66.67	0	0.00	0	0.00	1	33.33	0	0.00	3	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	15	53.57	2	7.14	3	10.71	1	3.57	7	25.00	28	100.00
171	CONNECTIVE TISS	21	100.00	0	0.00	0	0.00	0	0.00	0	0.00	21	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	38	95.00	0	0.00	1	2.50	0	0.00	1	2.50	40	100.00
174	BREAST FEM	568	84.27	8	1.19	51	7.57	1	0.15	46	6.82	674	100.00
179	UTERINE UNS	9	26.47	1	2.94	8	23.53	0	0.00	16	47.06	34	100.00
180	CERVIX UTERI	438	85.21	3	0.58	44	8.56	2	0.39	27	5.25	514	100.00
181	PLACENTA	5	71.43	1	14.29	0	0.00	0	0.00	1	14.29	7	100.00
182	BODY UTERUS	58	95.08	0	0.00	2	3.28	0	0.00	1	1.64	61	100.00
183	OVARY	102	68.46	4	2.68	27	18.12	3	2.01	13	8.72	149	100.00
184	VAGINA	23	79.31	0	0.00	4	13.79	0	0.00	2	6.90	29	100.00
188	URI BLADDER	14	77.78	0	0.00	1	5.56	2	11.11	1	5.56	18	100.00
189	KIDNEY	15	83.33	0	0.00	1	5.56	0	0.00	2	11.11	18	100.00
190	EYE	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
191	BRAIN	36	76.60	1	2.13	8	17.02	1	2.13	1	2.13	47	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	44	86.27	0	0.00	3	5.88	2	3.92	2	3.92	51	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	3	15.00	0	0.00	6	30.00	2	10.00	9	45.00	20	100.00
196	SEC LYMPH NODES	37	80.43	1	2.17	4	8.70	4	8.70	0	0.00	46	100.00
197	SEC RES ETC	28	62.22	8	17.78	5	11.11	0	0.00	4	8.89	45	100.00
198	SEC OTHER	13	52.00	4	16.00	6	24.00	0	0.00	2	8.00	25	100.00
199	PRIM UNK	1	12.50	0	0.00	1	12.50	1	12.50	5	62.50	8	100.00
200	LYMPHOSARCOMA	33	100.00	0	0.00	0	0.00	0	0.00	0	0.00	33	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	27	96.43	0	0.00	0	0.00	0	0.00	1	3.57	28	100.00
203	MULT MYELOMA	14	93.33	0	0.00	0	0.00	0	0.00	1	6.67	15	100.00
204	LEUK LYMPHATIC	40	95.24	0	0.00	0	0.00	0	0.00	2	4.76	42	100.00
205	LEUK MYELOID	47	94.00	0	0.00	0	0.00	0	0.00	3	6.00	50	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	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	9	90.00	0	0.00	0	0.00	0	0.00	1	10.00	10	100.00
ALL SITES TOTALS		2286		75		290		42		282		2975	
%		76.84		2.52		9.75		1.41		9.48		100.00	

POPULATION-BASED CANCER REGISTRY BOMBAY   SEX : MALES   YEAR : 1987

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	2	0	2	2	0	1	0	1	1	0	9	0.25
141	TONGUE	0	0	0	0	1	0	5	8	22	19	34	22	34	11	14	10	0	180	5.04
142	SALIVARY G	0	0	0	0	1	0	0	0	2	3	1	2	1	2	1	1	0	14	0.39
143	GUM	0	0	0	0	0	1	1	1	5	2	6	13	10	5	1	2	0	47	1.32
144	FLOOR OF M	0	0	0	0	0	0	0	1	2	3	2	3	2	0	0	0	0	13	0.36
145	OTHER MOUT	0	0	0	0	2	1	7	9	19	7	20	16	15	7	6	4	0	113	3.17
146	OROPHARYNX	0	0	0	0	1	1	1	7	6	10	15	13	12	9	7	8	0	90	2.52
147	NASOPHARYN	1	0	1	3	1	1	1	2	1	2	2	2	2	0	1	0	0	20	0.56
148	HYPOPHARYN	0	0	0	0	1	4	2	6	14	27	32	43	37	26	20	11	0	223	6.25
149	PHARYNX ET	0	0	0	1	0	1	1	1	4	3	1	9	8	5	7	7	0	48	1.34
150	OESOPHAGUS	0	0	0	0	0	4	7	8	12	28	37	37	46	48	24	33	1	285	7.98
151	STOMACH	0	0	1	0	1	2	1	5	6	25	22	40	22	18	13	20	0	176	4.93
152	SMALL INTE	0	0	0	0	0	0	0	1	1	1	2	2	1	0	0	0	0	8	0.22
153	COLON	0	0	0	1	1	4	4	8	8	13	16	14	15	7	16	13	0	120	3.36
154	RECTUM	0	0	1	1	2	3	3	6	2	4	9	12	16	9	5	10	0	83	2.32
155	LIVER	2	0	0	0	1	4	6	3	6	5	13	5	17	9	4	11	0	86	2.41
156	GALL BALDD	0	0	0	0	0	1	1	0	3	5	3	7	5	5	1	0	0	31	0.87
157	PANCREAS	0	0	0	0	2	1	2	4	0	6	9	15	7	10	8	3	0	67	1.88
158	RETROPERIT	2	0	0	0	1	1	0	0	0	2	2	1	3	0	1	0	0	13	0.36
159	OTHER DIS	0	0	0	0	0	0	1	0	0	0	0	1	3	2	0	2	0	9	0.25
160	NASAL CAVI	0	0	0	0	0	2	0	3	8	4	3	2	2	3	1	4	0	32	0.90
161	LARYNX	0	0	0	0	1	1	0	4	14	26	37	47	35	33	30	18	0	246	6.89
162	LUNG	0	0	0	0	2	5	12	15	19	40	43	62	59	50	37	33	0	377	10.56
163	PLEURA	0	0	0	0	0	0	0	1	2	2	1	4	2	1	2	0	0	15	0.42
164	THYMUS	0	0	0	0	1	3	0	1	1	0	0	0	0	1	0	0	0	7	0.20
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	3	10	8	6	4	0	2	2	2	1	2	0	1	1	0	42	1.18
171	CONNECTIVE	1	0	1	0	9	2	4	2	1	6	5	6	0	5	0	4	0	46	1.29
172	SKIN MELAN	0	0	0	0	0	2	0	2	1	0	1	0	0	0	0	0	0	6	0.17
173	SKIN OTHER	0	1	0	1	0	1	4	0	10	3	4	4	8	8	1	7	0	52	1.46
175	BREAST MAL	0	0	0	0	0	0	0	0	1	0	1	0	2	4	2	1	0	11	0.31
185	PROSTATE	0	0	0	0	0	0	1	0	0	2	10	12	14	28	26	41	0	134	3.75
186	TESTIS	0	0	0	2	3	9	4	11	5	0	0	0	0	3	1	3	0	41	1.15
187	PENIS ETC	0	0	0	0	0	0	5	3	5	4	7	8	8	3	3	8	0	54	1.51
188	URI BLADDE	0	0	0	0	0	0	1	1	2	13	7	10	17	8	14	17	0	90	2.52
189	KIDNEY	2	1	0	1	1	0	0	2	3	4	5	9	6	6	1	2	0	43	1.20
190	EYE	6	1	0	0	0	0	0	0	2	0	0	0	1	0	0	1	0	11	0.31
191	BRAIN	3	9	8	2	4	7	12	8	7	7	7	9	8	5	2	2	0	100	2.80
192	NERVOUS SY	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	0	0	4	0.11
193	THYROID GL	0	0	0	1	2	3	2	0	3	1	7	4	1	3	0	0	0	27	0.76
194	OTH ENDO G	7	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	8	0.22
195	ILL DEF SI	0	0	0	1	0	0	1	0	0	2	1	1	0	0	2	4	0	12	0.34
196	SEC LYMPH	0	0	2	0	0	1	2	4	8	9	10	11	9	10	5	4	0	75	2.10
197	SEC RES ET	1	0	0	0	0	2	1	1	3	13	9	10	16	11	5	10	0	82	2.30
198	SEC OTHER	0	0	0	0	0	0	1	1	4	4	6	3	5	5	3	2	0	34	0.95
199	PRIM UNK	1	0	0	0	0	0	0	3	0	0	4	1	3	2	1	4	0	19	0.53
200	LYMPHOSARC	0	0	4	2	3	5	5	0	6	7	6	15	5	7	3	3	0	71	1.99
201	HODGKINS D	1	7	1	1	3	6	6	2	6	3	2	2	2	2	0	1	0	45	1.26
202	OTH LYMPHO	3	2	3	1	9	0	9	4	4	3	7	4	8	6	6	3	0	72	2.02
203	MULT MYELO	0	0	0	0	0	1	0	0	2	3	2	6	2	5	1	1	0	23	0.64
204	LEUK LYMPH	10	5	13	7	6	3	2	1	0	0	1	2	2	1	2	2	0	57	1.60
205	LEUK MYELO	2	2	8	4	4	7	7	8	3	4	6	4	3	1	5	2	0	70	1.96
206	LEUK MONOC	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.06
207	LEUK OTH S	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	3	0.08
208	LEUK UNS	4	2	1	3	2	2	0	0	3	2	1	2	0	1	0	1	0	24	0.67
	TOTAL	47	30	47	43	73	99	126	149	238	331	425	499	477	386	284	315	1	3570	100.00
	%	1.3	0.8	1.3	1.2	2.0	2.8	3.5	4.2	6.7	9.3	11.9	14.0	13.4	10.8	8.0	8.8	0.0	100.0	

POPULATION-BASED CANCER REGISTRY BOMBAY   SEX : FEMALES   YEAR : 1987

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	2	1	0	1	1	1	0	1	0	7	0.23
141	TONGUE	0	0	0	0	0	2	2	2	5	12	11	8	10	5	1	3	0	61	2.04
142	SALIVARY G	0	0	0	1	1	1	1	0	1	0	1	0	0	1	0	1	0	8	0.27
143	GUM	0	0	0	0	1	1	1	2	1	0	1	5	8	2	3	1	0	26	0.87
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	3	0.10
145	OTHER MOUT	0	0	0	0	1	2	2	3	14	7	10	9	11	11	1	2	0	73	2.44
146	OROPHARYNX	0	0	0	0	0	1	0	1	0	3	0	4	1	1	3	2	0	16	0.53
147	NASOPHARYN	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	3	0.10
148	HYPOPHARYN	0	0	0	0	0	0	1	4	5	4	8	10	2	3	4	2	0	43	1.44
149	PHARYNX ET	0	0	0	0	0	0	0	0	0	2	0	4	3	3	0	6	0	18	0.60
150	OESOPHAGUS	0	0	0	0	0	0	4	8	11	22	30	41	26	17	15	23	0	197	6.58
151	STOMACH	0	0	0	0	1	1	2	5	6	10	18	10	16	11	15	11	0	106	3.54
152	SMALL INTE	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	0	0	5	0.17
153	COLON	0	0	0	1	2	0	3	3	7	3	6	10	3	6	8	11	0	63	2.10
154	RECTUM	0	0	0	0	1	1	7	2	6	3	5	10	6	7	9	7	0	64	2.14
155	LIVER	1	0	0	0	0	0	0	3	1	4	5	3	3	5	3	9	0	37	1.23
156	GALL BALDD	0	0	0	0	0	0	1	7	3	4	8	6	5	4	3	7	0	48	1.60
157	PANCREAS	0	0	0	0	0	1	2	1	2	5	5	7	5	4	7	4	0	43	1.44
158	RETROPERIT	0	0	0	0	0	0	1	2	1	1	0	4	0	0	1	1	0	11	0.37
159	OTHER DIS	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	2	0	7	0.23
160	NASAL CAVI	0	0	0	0	0	1	1	1	1	2	6	0	3	0	2	1	1	19	0.63
161	LARYNX	0	0	0	0	0	1	0	2	4	5	8	5	2	5	4	1	0	37	1.23
162	LUNG	0	0	0	0	2	0	1	4	5	6	9	6	7	10	9	5	0	64	2.14
163	PLEURA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	2	0.07
164	THYMUS	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.03
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	3	4	4	2	1	2	1	0	1	0	0	1	1	1	0	0	22	0.73
171	CONNECTIVE	0	0	2	1	2	0	3	3	1	0	1	1	0	2	1	1	0	18	0.60
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	3	0.10
173	SKIN OTHER	0	0	1	2	1	0	1	2	2	8	4	4	3	4	3	6	1	42	1.40
174	BREAST FEM	0	0	0	0	5	18	39	60	85	95	94	63	55	52	32	30	2	630	21.03
179	UTERINE UN	0	0	0	0	2	0	3	1	2	0	2	3	4	2	2	5	0	26	0.87
180	CERVIX UTE	0	0	0	0	3	8	28	73	87	91	75	68	45	18	18	14	1	529	17.66
181	PLACENTA	0	0	0	0	3	2	3	1	0	2	0	0	0	0	0	0	0	11	0.37
182	BODY UTERU	0	0	0	1	0	0	1	1	4	8	8	6	10	6	6	2	0	53	1.77
183	OVARY	0	0	2	2	7	9	8	15	19	28	25	24	17	16	9	10	0	191	6.38
184	VAGINA	1	0	0	0	0	1	1	2	3	5	5	2	6	5	7	1	0	39	1.30
188	URI BLADDE	0	0	0	0	0	0	1	1	0	0	2	1	1	1	1	6	0	14	0.47
189	KIDNEY	3	0	1	0	0	0	1	3	2	1	2	1	1	2	0	1	0	18	0.60
190	EYE	5	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	11	0.37
191	BRAIN	5	5	7	4	3	7	6	1	4	4	2	8	7	4	1	3	0	71	2.37
192	NERVOUS SY	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0.07
193	THYROID GL	1	0	2	5	1	2	3	6	8	2	6	5	5	2	2	0	0	50	1.67
194	OTH ENDO G	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
195	ILL DEF SI	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	0	6	0.20
196	SEC LYMPH	0	0	0	0	1	0	1	2	0	6	5	0	3	2	4	4	0	28	0.93
197	SEC RES ET	0	0	0	0	0	2	1	2	5	4	2	4	6	10	5	5	0	46	1.54
198	SEC OTHER	0	0	0	0	0	1	2	1	2	2	2	4	3	3	1	1	0	22	0.73
199	PRIM UNK	0	0	0	0	0	0	0	1	0	1	0	0	1	2	2	1	0	8	0.27
200	LYMPHOSARC	1	1	1	0	1	3	1	5	1	1	4	3	2	6	2	1	0	33	1.10
201	HODGKINS D	0	1	1	0	2	1	1	0	0	0	2	3	0	2	2	1	0	16	0.53
202	OTH LYMPHO	1	1	1	2	1	3	0	1	1	1	6	2	5	5	5	1	0	36	1.20
203	MULT MYELO	0	0	0	0	0	0	0	0	1	1	4	3	3	3	1	1	0	17	0.57
204	LEUK LYMPH	4	4	4	5	2	1	1	0	1	0	1	0	3	0	1	3	0	30	1.00
205	LEUK MYELO	1	1	2	3	2	3	7	5	8	7	3	4	2	2	1	0	0	51	1.70
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	2	1	1	0	1	1	1	0	0	0	0	0	1	0	0	0	10	0.33
	TOTAL	26	24	29	32	47	77	144	239	312	365	392	354	297	252	200	201	5	2996	100.00
	%	0.9	0.8	1.0	1.1	1.6	2.6	4.8	8.0	10.4	12.2	13.1	11.8	9.9	8.4	6.7	6.7	0.2	100.0	

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : MALES YEAR : 1987

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	0.5	0.0	0.7	0.9	0.0	1.0	0.0	2.8	3.1	0.2	0.3	0.5
141 TONGUE	0.0	0.0	0.0	0.0	0.1	0.0	1.1	1.9	6.4	6.7	15.5	15.3	34.0	20.3	39.9	30.5	3.2	5.7	11.8
142 SALIVARY	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.6	1.1	0.5	1.4	1.0	3.7	2.8	3.1	0.3	0.5	0.7
143 GUM	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.2	1.4	0.7	2.7	9.0	10.0	9.2	2.8	6.1	0.8	1.5	3.4
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	1.1	0.9	2.1	2.0	0.0	0.0	0.0	0.2	0.3	1.0
145 OTHER MO	0.0	0.0	0.0	0.0	0.3	0.2	1.5	2.2	5.5	2.5	9.1	11.1	15.0	12.9	17.1	12.2	2.0	3.2	6.8
146 OROPHARY	0.0	0.0	0.0	0.0	0.1	0.2	0.2	1.7	1.7	3.5	6.9	9.0	12.0	16.6	19.9	24.4	1.6	3.0	5.2
147 NASOPHAR	0.2	0.0	0.2	0.6	0.1	0.2	0.2	0.5	0.3	0.7	0.9	1.4	2.0	0.0	2.8	0.0	0.4	0.5	0.9
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.1	0.7	0.4	1.4	4.1	9.6	14.6	29.9	37.0	47.9	57.0	33.6	4.0	7.6	13.9
149 PHARYNX	0.0	0.0	0.0	0.2	0.0	0.2	0.2	0.2	1.2	1.1	0.5	6.3	8.0	9.2	19.9	21.4	0.9	1.9	2.4
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.7	1.5	1.9	3.5	9.9	16.9	25.7	45.9	88.4	68.4	100.8	5.1	10.8	14.9
151 STOMACH	0.0	0.0	0.2	0.0	0.1	0.3	0.2	1.2	1.7	8.8	10.1	27.8	22.0	33.2	37.0	61.1	3.2	6.2	10.3
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.4	0.9	1.4	1.0	0.0	0.0	0.0	0.1	0.2	0.6
153 COLON	0.0	0.0	0.0	0.2	0.1	0.7	0.8	1.9	2.3	4.6	7.3	9.7	15.0	12.9	45.6	39.7	2.2	4.1	6.1
154 RECTUM	0.0	0.0	0.2	0.2	0.3	0.5	0.6	1.4	0.6	1.4	4.1	8.3	16.0	16.6	14.2	30.5	1.5	2.9	4.5
155 LIVER	0.4	0.0	0.0	0.0	0.1	0.7	1.3	0.7	1.7	1.8	5.9	3.5	17.0	16.6	11.4	33.6	1.6	3.0	4.4
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0	0.9	1.8	1.4	4.9	5.0	9.2	2.8	0.0	0.6	1.0	2.0
157 PANCREAS	0.0	0.0	0.0	0.0	0.3	0.2	0.4	1.0	0.0	2.1	4.1	10.4	7.0	18.4	22.8	9.2	1.2	2.3	3.5
158 RETROPER	0.4	0.0	0.0	0.0	0.1	0.2	0.0	0.0	0.0	0.7	0.9	0.7	3.0	0.0	2.8	0.0	0.2	0.4	0.8
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.7	3.0	3.7	0.0	6.1	0.2	0.4	0.5
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.7	2.3	1.4	1.4	1.4	2.0	5.5	2.8	12.2	0.6	1.0	1.5
161 LARYNX	0.0	0.0	0.0	0.0	0.1	0.2	0.0	1.0	4.1	9.2	16.9	32.7	35.0	60.8	85.5	55.0	4.4	9.1	14.2
162 LUNG	0.0	0.0	0.0	0.0	0.3	0.8	2.5	3.6	5.5	14.1	19.7	43.1	58.9	92.1	105.4	100.8	6.8	13.6	20.8
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.7	0.5	2.8	2.0	1.8	5.7	0.0	0.3	0.5	1.0
164 THYMUS	0.0	0.0	0.0	0.0	0.1	0.5	0.0	0.2	0.3	0.0	0.0	0.0	0.0	1.8	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	0.0	0.0	0.6	1.9	1.2	1.0	0.8	0.0	0.6	0.7	0.9	0.7	2.0	0.0	2.8	3.1	0.8	0.8	0.7
171 CONNECTI	0.2	0.0	0.2	0.0	1.3	0.3	0.8	0.5	0.3	2.1	2.3	4.2	0.0	9.2	0.0	12.2	0.8	1.2	1.5
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.3	0.0	0.5	0.0	0.0	0.0	0.Q	0.0	0.1	0.1	0.2
173 SKIN OTH	0.0	0.2	0.0	0.2	0.0	0.2	0.8	0.0	2.9	1.1	1.8	2.8	8.0	14.7	2.8	21.4	0.9	1.8	2.5
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.0	2.0	7.4	5.7	3.1	0.2	0.5	0.4
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.7	4.6	8.3	14.0	51.6	74.1	125.2	2.4	6.7	3.8
186 TESTIS	0.0	0.0	0.0	0.4	0.4	1.5	0.8	2.6	1.4	0.0	0.0	0.0	0.0	5.5	2.8	9.2	0.7	0.9	0.8
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.7	1.4	1.4	3.2	5.6	8.0	5.5	8.5	24.4	1.0	1.8	3.0
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.6	4.6	3.2	7.0	17.0	14.7	39.9	51.9	1.6	3.7	4.7
189 KIDNEY	0.4	0.2	0.0	0.2	0.1	0.0	0.0	0.5	0.9	1.4	2.3	6.3	6.0	11.1	2.8	6.1	0.8	1.4	2.5
190 EYE	1.1	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.0	0.0	0.0	3.1	0.2	0.3	0.2
191 BRAIN	0.6	1.6	1.5	0.4	0.6	1.1	2.5	1.9	2.0	2.5	3.2	6.3	8.0	9.2	5.7	6.1	1.8	2.3	3.6
192 NERVOUS	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.5	0.7	0.0	1.8	0.0	0.0	0.1	0.1	0.2
193 THYROID	0.0	0.0	0.0	0.2	0.3	0.5	0.4	0.0	0.9	0.4	3.2	2.8	1.0	5.5	0.0	0.0	0.5	0.7	1.2
194 OTH ENDO	1.3	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	0.0	0.0	0.1	0.2	0.1
195 ILL DEF	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.0	0.0	0.7	0.5	0.7	0.0	0.0	5.7	12.2	0.2	0.5	0.3
196 SEC LYMP	0.0	0.0	0.4	0.0	0.0	0.2	0.4	1.0	2.3	3.2	4.6	7.6	9.0	18.4	14.2	12.2	1.4	2.4	4.1
197 SEC RES	0.2	0.0	0.0	0.0	0.0	0.3	0.2	0.2	0.9	4.6	4.1	7.0	16.0	20.3	14.2	30.5	1.5	3.0	4.7
198 SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	1.2	1.4	2.7	2.1	5.0	9.2	8.5	6.1	0.6	1.2	1.9
199 PRIM UNK	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.8	0.7	3.0	3.7	2.8	12.2	0.3	0.7	0.9
200 LYMPHOSA	0.0	0.0	0.7	0.4	0.4	0.8	1.1	0.0	1.7	2.5	2.7	10.4	5.0	12.9	8.5	9.2	1.3	2.0	3.2
201 HODGKINS	0.2	1.3	0.2	0.2	0.4	1.0	1.3	0.5	1.7	1.1	0.9	1.4	2.0	3.7	0.0	3.1	0.8	0.9	1.2
202 OTH LYMP	0.6	0.4	0.6	0.2	1.3	0.0	1.9	1.0	1.2	1.1	3.2	2.8	8.0	11.1	17.1	9.2	1.3	2.0	2.5
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.6	1.1	0.9	4.2	2.0	9.2	2.8	3.1	0.4	0.8	1.3
204 LEUK LYM	1.9	0.9	2.4	1.3	0.9	0.5	0.4	0.2	0.0	0.0	0.5	1.4	2.0	1.8	5.7	6.1	1.0	1.3	0.6
205 LEUK MYE	0.4	0.4	1.5	0.7	0.6	1.1	1.5	1.9	0.9	1.4	2.7	2.8	3.0	1.8	14.2	6.1	1.3	1.6	2.0
206 LEUK MON	0.0	0.0	0.0	0.2	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	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.1	0.1	0.2
208 LEUK UNS	0.8	0.4	0.2	0.6	0.3	0.3	0.0	0.0	0.9	0.7	0.5	1.4	0.0	1.8	0.0	3.1	0.4	0.5	0.6
TOTAL	8.9	5.4	8.8	8.0	10.7	16.2	26.7	35.9	69.0	117.1	194.4	346.9	476.4	711.0	809.4	962.2	64.4	119.6	180.5

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALES YEAR : 1987

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	0.9	0.5	0.0	1.0	1.2	1.9	0.0	2.4	0.2	0.3	0.6
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.7	2.2	6.1	7.5	8.3	11.6	9.6	2.7	7.3	1.4	2.3	5.5
142 SALIVARY	0.0	0.0	0.0	0.2	0.2	0.2	0.3	0.0	0.4	0.0	0.7	0.0	0.0	1.9	0.0	2.4	0.2	0.2	0.2
143 GUM	0.0	0.0	0.0	0.0	0.2	0.2	0.3	0.7	0.4	0.0	0.7	5.2	9.3	3.8	8.1	2.4	0.6	1.1	2.2
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	1.0	0.0	0.0	5.4	0.0	0.1	0.1	0.1
145 OTHER MO	0.0	0.0	0.0	0.0	0.2	0.4	0.6	1.0	6.1	3.6	6.8	9.3	12.8	21.1	2.7	4.9	1.6	2.7	6.0
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.0	1.5	0.0	4.1	1.2	1.9	8.1	4.9	0.4	0.7	1.0
147 NASOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.0	0.0	0.0	1.9	0.0	0.0	0.1	0.1	0.2
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	2.2	2.0	5.4	10.4	2.3	5.7	10.7	4.9	1.0	1.6	3.6
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	4.1	3.5	5.7	0.0	14.7	0.4	0.8	1.2
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	1.2	2.7	4.8	11.2	20.3	42.5	30.2	32.6	40.3	56.3	4.4	8.0	16.3
151 STOMACH	0.0	0.0	0.0	0.0	0.2	0.2	0.6	1.7	2.6	5.1	12.2	10.4	18.6	21.1	40.3	26.9	2.4	4.4	7.5
152 SMALL IN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	0.7	0.0	1.2	0.0	2.7	0.0	0.1	0.2	0.4
153 COLON	0.0	0.0	0.0	0.2	0.4	0.0	0.9	1.0	3.1	1.5	4.1	10.4	3.5	11.5	21.5	26.9	1.4	2.5	3.5
154 RECTUM	0.0	0.0	0.0	0.0	0.2	0.2	2.0	0.7	2.6	1.5	3.4	10.4	7.0	13.4	24.2	17.1	1.4	2.5	3.7
155 LIVER	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.4	2.0	3.4	3.1	3.5	9.6	8.1	22.0	0.8	1.6	2.1
156 GALL BAL	0.0	0.0	0.0	0.0	0.0	0.0	0.3	2.3	1.3	2.0	5.4	6.2	5.8	7.7	8.1	17.1	1.1	1.8	3.5
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.3	0.9	2.5	3.4	7.3	5.8	7.7	18.8	9.8	1.0	1.8	3.0
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	0.4	0.5	0.0	4.1	0.0	0.0	2.7	2.4	0.2	0.4	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	1.4	0.0	1.2	0.0	5.4	4.9	0.2	0.3	0.4
160 NASAL CA	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	0.4	1.0	4.1	0.0	3.5	0.0	5.4	2.4	0.4	0.6	1.5
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.7	1.8	2.5	5.4	5.2	2.3	9.6	10.7	2.4	0.8	1.4	2.8
162 LUNG	0.0	0.0	0.0	0.0	0.4	0.0	0.3	1.3	2.2	3.1	6.1	6.2	8.1	19.2	24.2	12.2	1.4	2.6	4.1
163 PLEURA	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	2.4	0.0	0.1	0.1
164 THYMUS	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	0.0	0.0	0.0	0.0	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	0.2	0.6	0.8	0.9	0.4	0.2	0.6	0.3	0.0	0.5	0.0	0.0	1.2	1.9	2.7	0.0	0.5	0.5	0.3
171 CONNECTI	0.0	0.0	0.4	0.2	0.4	0.0	0.9	1.0	0.4	0.0	0.7	1.0	0.0	3.8	2.7	2.4	0.4	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	0.7	1.0	0.0	0.0	0.0	2.4	0.1	0.1	0.2
173 SKIN OTH	0.0	0.0	0.2	0.5	0.2	0.0	0.3	0.7	0.9	4.1	2.7	4.1	3.5	7.7	8.1	14.7	0.9	1.6	2.5
174 BREAST F	0.0	0.0	0.0	0.0	1.0	3.9	11.3	19.9	37.3	48.3	63.7	65.3	64.0	99.7	86.0	73.4	14.1	21.9	47.4
179 UTERINE	0.0	0.0	0.0	0.0	0.4	0.0	0.9	0.3	0.9	0.0	1.4	3.1	4.7	3.8	5.4	12.2	0.6	1.0	1.5
180 CERVIX U	0.0	0.0	0.0	0.0	0.6	1.8	8.1	24.2	38.2	46.3	50.8	70.5	52.3	34.5	48.4	34.3	11.8	17.3	45.1
181 PLACENTA	0.0	0.0	0.0	0.0	0.6	0.4	0.9	0.3	0.0	1.0	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	0.2	0.0	0.0	0.3	0.3	1.8	4.1	5.4	6.2	11.6	11.5	16.1	4.9	1.2	2.2	4.4
183 OVARY	0.0	0.0	0.4	0.5	1.4	2.0	2.3	5.0	8.3	14.2	16.9	24.9	19.8	30.7	24.2	24.5	4.3	6.7	13.8
184 VAGINA	0.2	0.0	0.0	0.0	0.0	0.2	0.3	0.7	1.3	2.5	3.4	2.1	7.0	9.6	18.8	2.4	0.9	1.6	2.6
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.0	0.0	1.4	1.0	1.2	1.9	2.7	14.7	0.3	0.6	0.6
189 KIDNEY	0.6	0.0	0.2	0.0	0.0	0.0	0.3	1.0	0.9	0.5	1.4	1.0	1.2	3.8	0.0	2.4	0.4	0.6	1.0
190 EYE	1.0	0.9	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	0.2	0.2	0.1
191 BRAIN	1.0	0.9	1.4	0.9	0.6	1.5	1.7	0.3	1.8	2.0	1.4	8.3	8.1	7.7	2.7	7.3	1.6	2.1	3.1
192 NERVOUS	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	0.0
193 THYROID	0.2	0.0	0.4	1.1	0.2	0.4	0.9	2.0	3.5	1.0	4.1	5.2	5.8	3.8	5.4	0.0	1.1	1.5	3.3
194 OTH ENDO	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
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	7.7	0.0	4.9	0.1	0.3	0.0
196 SEC LYMP	0.0	0.0	0.0	0.0	0.2	0.0	0.3	0.7	0.0	3.1	3.4	0.0	3.5	3.8	10.7	9.8	0.6	1.1	1.7
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.7	2.2	2.0	1.4	4.1	7.0	19.2	13.4	12.2	1.0	1.9	2.6
198 SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.2	0.6	0.3	0.9	1.0	1.4	4.1	3.5	5.7	2.7	2.4	0.5	0.8	1.6
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.5	0.0	0.0	1.2	3.8	5.4	2.4	0.2	0.4	0.3
200 LYMPHOSA	0.2	0.2	0.2	0.0	0.2	0.7	0.3	1.7	0.4	0.5	2.7	3.1	2.3	11.5	5.4	2.4	0.7	1.2	1.6
201 HODGKINS	0.0	0.2	0.2	0.0	0.4	0.2	0.3	0.0	0.0	0.0	1.4	3.1	0.0	3.8	5.4	2.4	0.4	0.6	0.6
202 OTH LYMP	0.2	0.2	0.2	0.5	0.2	0.7	0.0	0.3	0.4	0.5	4.1	2.1	5.8	9.6	13.4	2.4	0.8	1.4	1.9
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.5	2.7	3.1	3.5	5.7	2.7	2.4	0.4	0.7	1.5
204 LEUK LYM	0.8	0.7	0.8	1.1	0.4	0.2	0.3	0.0	0.4	0.0	0.7	0.0	3.5	0.0	2.7	7.3	0.7	0.8	0.6
205 LEUK MYE	0.2	0.2	0.4	0.7	0.4	0.7	2.0	1.7	3.5	3.6	2.0	4.1	2.3	3.8	2.7	0.0	1.1	1.4	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	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	0.4	0.4	0.2	0.2	0.0	0.2	0.3	0.3	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.2	0.2	0.1
TOTAL	5.0	4.4	5.7	7.3	9.7	16.9	41.7	79.3	136.8	185.7	265.7	366.9	345.4	482.9	537.3	492.1	66.8	107.8	212.5

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : MALES

CUMULATIVE RISK (PER CENT) YEAR : 1987 ·

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.02	0.02	0.03
141	TONGUE	0.00	0.01	0.50	0.40	0.70
142	SALIVARY GLANDS	0.00	0.00	0.04	0.02	0.06
143	GUM	0.00	0.00	0.17	0.12	0.18
144	FLOOR OF MOUTH	0.00	0.00	0.03	0.03	0.03
145	OTHER MOUTH	0.00	0.01	0.29	0.24	0.39
146	OROPHARYNX	0.00	0.00	0.26	0.18	0.36
147	NASOPHARYNX	0.00	0.01	0.03	0.04	0.05
148	HYPOPHARYNX	0.00	0.01	0.72	0.49	1.01
149	PHARYNX ETC	0.00	0.00	0.13	0.09	0.23
150	OESOPHAGUS	0.00	0.01	0.96	0.53	1.31
151	STOMACH	0.00	0.00	0.52	0.36	0.71
152	SMALL INTESTINE	0.00	0.00	0.02	0.02	0.02
153	COLON	0.00	0.01	0.27	0.21	0.50
154	RECTUM	0.00	0.01	0.24	0.17	0.32
155	LIVER	0.00	0.01	0.24	0.17	0.30
156	GALL BALDDER	0.00	0.00	0.12	0.07	0.13
157	PANCREAS	0.00	0.00	0.21	0.13	0.33
158	RETROPERITONEUM	0.00	0.00	0.03	0.03	0.04
159	OTHER DIS SYS	0.00	0.00	0.04	0.02	0.04
160	NASAL CAVITY	0.00	0.00	0.07	0.05	0.09
161	LARYNX	0.00	0.00	0.79	0.49	1.22
162	LUNG	0.00	0.02	1.18	0.74	1.72
163	PLEURA	0.00	0.00	0.04	0.03	0.07
164	THYMUS	0.00	0.00	0.01	0.01	0.02
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.02	0.02	0.05	0.07
171	CONNECTIVE TISS	0.00	0.01	0.09	0.06	0.11
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.01
173	SKIN OTHER	0.00	0.01	0.16	0.09	0.18
175	BREAST MALE	0.00	0.00	0.05	0.01	0.08
185	PROSTATE	0.00	0.00	0.40	0.14	0.76
186	TESTIS	0.00	0.02	0.05	0.04	0.08
187	PENIS ETC	0.00	0.01	0.13	0.11	0.18
188	URI BLADDER	0.00	0.00	0.24	0.16	0.44
189	KIDNEY	0.00	0.00	0.14	0.09	0.16
190	EYE	0.01	0.00	0.01	0.01	0.01
191	BRAIN	0.02	0.02	0.17	0.16	0.24
192	NERVOUS SYSTEM	0.00	0.00	0.01	0.01	0.02
193	THYROID GLAND	0.00	0.01	0.07	0.05	0.08
194	OTH ENDO GLANDS	0.01	0.00	0.00	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.01	0.01	0.04
196	SEC LYMPH NODES	0.00	0.00	0.23	0.14	0.31
197	SEC RES ETC	0.00	0.00	0.26	0.17	0.34
198	SEC OTHER	0.00	0.00	0.11	0.06	0.15
199	PRIM UNK	0.00	0.00	0.05	0.03	0.06
200	LYMPHOSARCOMA	0.00	0.01	0.18	0.13	0.24
201	HODGKINS DIS	0.01	0.01	0.06	0.06	0.08
202	OTH LYMPHOMA	0.01	0.02	0.14	0.11	0.25
203	MULT MYELOMA	0.00	0.00	0.09	0.04	0.10
204	LEUK LYMPHATIC	0.03	0.02	0.03	0.06	0.10
205	LEUK MYELOID	0.01	0.02	0.07	0.09	0.17
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	0.01	0.01	0.03	0.03	0.04
	ALL SITES	0.12	0.31	9.29	6.41	12.89

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALES

CUMULATIVE RISK (PER CENT) YEAR : 1987

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.03	0.02	0.03
141	TONGUE	0.00	0.01	0.23	0.19	0.25
142	SALIVARY GLANDS	0.00	0.00	0.02	0.01	0.02
143	GUM	0.00	0.00	0.10	0.08	0.14
144	FLOOR OF MOUTH	0.00	0.00	0.01	0.01	0.03
145	OTHER MOUTH	0.00	0.01	0.30	0.20	0.32
146	OROPHARYNX	0.00	0.00	0.05	0.04	0.09
147	NASOPHARYNX	0.00	0.00	0.01	0.00	0.01
148	HYPOPHARYNX	0.00	0.00	0.15	0.12	0.20
149	PHARYNX ETC	0.00	0.00	0.07	0.04	0.07
150	OESOPHAGUS	0.00	0.01	0.72	0.56	0.92
151	STOMACH	0.00	0.01	0.36	0.26	0.56
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.03
153	COLON	0.00	0.01	0.17	0.13	0.29
154	RECTUM	0.00	0.01	0.19	0.14	0.33
155	LIVER	0.00	0.00	0.12	0.07	0.16
156	GALL BALDDER	0.00	0.00	0.15	0.12	0.20
157	PANCREAS	0.00	0.00	0.14	0.11	0.24
158	RETROPERITONEUM	0.00	0.00	0.03	0.03	0.04
159	OTHER DIS SYS	0.00	0.00	0.01	0.01	0.04
160	NASAL CAVITY	0.00	0.00	0.05	0.05	0.08
161	LARYNX	0.00	0.00	0.14	0.09	0.19
162	LUNG	0.00	0.00	0.23	0.14	0.35
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	0.01	0.01	0.02	0.03	0.05
171	CONNECTIVE TISS	0.00	0.01	0.03	0.03	0.06
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.01
173	SKIN OTHER	0.00	0.00	0.12	0.09	0.16
174	BREAST FEM	0.00	0.08	1.97	1.56	2.47
179	UTERINE UNS	0.00	0.01	0.07	0.06	0.10
180	CERVIX UTERI	0.00	0.05	1.57	1.45	1.86
181	PLACENTA	0.00	0.01	0.01	0.02	0.02
182	BODY UTERUS	0.00	0.00	0.20	0.15	0.29
183	OVARY	0.00	0.03	0.60	0.48	0.75
184	VAGINA	0.00	0.00	0.13	0.09	0.23
188	URI BLADDER	0.00	0.00	0.03	0.02	0.04
189	KIDNEY	0.00	0.00	0.05	0.03	0.05
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.02	0.02	0.15	0.15	0.20
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.01	0.13	0.12	0.17
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.04	0.00	0.04
196	SEC LYMPH NODES	0.00	0.00	0.07	0.06	0.13
197	SEC RES ETC	0.00	0.00	0.18	0.09	0.25
198	SEC OTHER	0.00	0.00	0.08	0.06	0.10
199	PRIM UNK	0.00	0.00	0.03	0.01	0.06
200	LYMPHOSARCOMA	0.00	0.01	0.11	0.06	0.15
201	HODGKINS DIS	0.00	0.00	0.04	0.03	0.07
202	OTH LYMPHOMA	0.00	0.01	0.11	0.08	0.19
203	MULT MYELOMA	0.00	0.00	0.08	0.05	0.09
204	LEUK LYMPHATIC	0.01	0.01	0.02	0.04	0.06
205	LEUK MYELOID	0.00	0.02	0.11	0.11	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	0.01	0.01	0.02
	ALL SITES	0.08	0.38	8.89	7.09	11.31

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : MALE YEAR : 1987

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

ICD 9TH	SITE	MICROSCOPIC n	%	X-RAY n	%	CLINICAL ONLY n	%	OTHERS n	%	D.C.O. n	%	TOTALS n	%
140	LIP	7	77.78	0	0.00	2	22.22	0	0.00	0	0.00	9	100.00
141	TONGUE	152	84.44	0	0.00	20	11.11	0	0.00	8	4.44	180	100.00
142	SALIVARY GLANDS	13	92.86	0	0.00	1	7.14	0	0.00	0	0.00	14	100.00
143	GUM	45	95.74	0	0.00	1	2.13	1	2.13	0	0.00	47	100.00
144	FLOOR OF MOUTH	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	100.00
145	OTHER MOUTH	98	86.73	0	0.00	9	7.96	1	0.88	5	4.42	113	100.00
146	OROPHARYNX	78	86.67	1	1.11	9	10.00	1	1.11	1	1.11	90	100.00
147	NASOPHARYNX	20	100.00	0	0.00	0	0.00	0	0.00	0	0.00	20	100.00
148	HYPOPHARYNX	187	83.86	14	6.28	14	6.28	4	1.79	4	1.79	223	100.00
149	PHARYNX ETC	32	66.67	0	0.00	4	8.33	0	0.00	12	25.00	48	100.00
150	OESOPHAGUS	176	61.75	28	9.82	40	14.04	6	2.11	35	12.28	285	100.00
151	STOMACH	120	68.18	4	2.27	22	12.50	9	5.11	21	11.93	176	100.00
152	SMALL INTESTINE	7	87.50	0	0.00	0	0.00	0	0.00	1	12.50	8	100.00
153	COLON	79	65.83	6	5.00	21	17.50	5	4.17	9	7.50	120	100.00
154	RECTUM	68	81.93	2	2.41	7	8.43	2	2.41	4	4.82	83	100.00
155	LIVER	39	45.35	3	3.49	24	27.91	1	1.16	19	22.09	86	100.00
156	GALL BALDDER	14	45.16	1	3.23	8	25.81	5	16.13	3	9.68	31	100.00
157	PANCREAS	22	32.84	4	5.97	25	37.31	10	14.93	6	8.96	67	100.00
158	RETROPERITONEUM	8	61.54	1	7.69	2	15.38	1	7.69	1	7.69	13	100.00
159	OTHER DIS SYS	4	44.44	0	0.00	3	33.33	0	0.00	2	22.22	9	100.00
160	NASAL CAVITY	24	75.00	1	3.13	6	18.75	0	0.00	1	3.13	32	100.00
161	LARYNX	173	70.33	3	1.22	42	17.07	3	1.22	25	10.16	246	100.00
162	LUNG	216	57.29	46	12.20	74	19.63	9	2.39	32	8.49	377	100.00
163	PLEURA	10	66.67	1	6.67	2	13.33	0	0.00	2	13.33	15	100.00
164	THYMUS	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	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	36	85.71	1	2.38	2	4.76	0	0.00	3	7.14	42	100.00
171	CONNECTIVE TISS	42	91.30	0	0.00	4	8.70	0	0.00	0	0.00	46	100.00
172	SKIN MELANOMA	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
173	SKIN OTHER	49	94.23	0	0.00	2	3.85	0	0.00	1	1.92	52	100.00
175	BREAST MALE	11	100.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
185	PROSTATE	97	72.39	1	0.75	20	14.93	2	1.49	14	10.45	134	100.00
186	TESTIS	34	82.93	0	0.00	3	7.32	1	2.44	3	7.32	41	100.00
187	PENIS ETC	50	92.59	0	0.00	3	5.56	0	0.00	1	1.85	54	100.00
188	URI BLADDER	76	84.44	0	0.00	6	6.67	2	2.22	6	6.67	90	100.00
189	KIDNEY	35	81.40	0	0.00	7	16.28	1	2.33	0	0.00	43	100.00
190	EYE	8	72.73	0	0.00	2	18.18	0	0.00	1	9.09	11	100.00
191	BRAIN	72	72.00	6	6.00	13	13.00	0	0.00	9	9.00	100	100.00
192	NERVOUS SYSTEM	2	50.00	1	25.00	0	0.00	0	0.00	1	25.00	4	100.00
193	THYROID GLAND	24	88.89	0	0.00	1	3.70	0	0.00	2	7.41	27	100.00
194	OTH ENDO GLANDS	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
195	ILL DEF SITES	1	8.33	0	0.00	6	50.00	0	0.00	5	41.67	12	100.00
196	SEC LYMPH NODES	67	89.33	0	0.00	2	2.67	1	1.33	5	6.67	75	100.00
197	SEC RES ETC	42	51.22	15	18.29	18	21.95	2	2.44	5	6.10	82	100.00
198	SEC OTHER	25	73.53	4	11.76	4	11.76	0	0.00	1	2.94	34	100.00
199	PRIM UNK	1	5.26	0	0.00	9	47.37	0	0.00	9	47.37	19	100.00
200	LYMPHOSARCOMA	71	100.00	0	0.00	0	0.00	0	0.00	0	0.00	71	100.00
201	HODGKINS DIS	42	93.33	0	0.00	1	2.22	0	0.00	2	4.44	45	100.00
202	OTH LYMPHOMA	65	90.28	0	0.00	2	2.78	1	1.39	4	5.56	72	100.00
203	MULT MYELOMA	20	86.96	0	0.00	0	0.00	0	0.00	3	13.04	23	100.00
204	LEUK LYMPHATIC	54	94.74	0	0.00	0	0.00	1	1.75	2	3.51	57	100.00
205	LEUK MYELOID	64	91.43	0	0.00	0	0.00	0	0.00	6	8.57	70	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	18	75.00	0	0.00	1	4.17	0	0.00	5	20.83	24	100.00
ALL SITES TOTALS		2636		143		443		69		279		3570	
%		73.84		4.01		12.41		1.93		7.82		100.00	

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALE YEAR : 1987

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

ICD 9TH	SITE	MICROSCOPIC n	%	X-RAY n	%	CLINICAL ONLY n	%	OTHERS n	%	D.C.O. n	%	TOTALS n	%
140	LIP	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
141	TONGUE	45	73.77	0	0.00	11	18.03	0	0.00	5	8.20	61	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	2	7.69	0	0.00	0	0.00	26	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	59	80.82	0	0.00	11	15.07	0	0.00	3	4.11	73	100.00
146	OROPHARYNX	14	87.50	0	0.00	1	6.25	0	0.00	1	6.25	16	100.00
147	NASOPHARYNX	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
148	HYPOPHARYNX	38	88.37	3	6.98	1	2.33	0	0.00	1	2.33	43	100.00
149	PHARYNX ETC	7	38.89	0	0.00	2	11.11	0	0.00	9	50.00	18	100.00
150	OESOPHAGUS	123	62.44	15	7.61	27	13.71	5	2.54	27	13.71	197	100.00
151	STOMACH	54	50.94	7	6.60	14	13.21	6	5.66	25	23.58	106	100.00
152	SMALL INTESTINE	3	60.00	0	0.00	0	0.00	0	0.00	2	40.00	5	100.00
153	COLON	40	63.49	3	4.76	8	12.70	5	7.94	7	11.11	63	100.00
154	RECTUM	49	76.56	1	1.56	9	14.06	0	0.00	5	7.81	64	100.00
155	LIVER	6	16.22	3	8.11	10	27.03	0	0.00	18	48.65	37	100.00
156	GALL BALDDER	27	56.25	0	0.00	7	14.58	4	8.33	10	20.83	48	100.00
157	PANCREAS	18	41.86	2	4.65	12	27.91	5	11.63	6	13.95	43	100.00
158	RETROPERITONEUM	11	100.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
159	OTHER DIS SYS	1	14.29	0	0.00	2	28.57	0	0.00	4	57.14	7	100.00
160	NASAL CAVITY	14	73.68	0	0.00	3	15.79	0	0.00	2	10.53	19	100.00
161	LARYNX	28	75.68	0	0.00	3	8.11	1	2.70	5	13.51	37	100.00
162	LUNG	33	51.56	10	15.63	5	7.81	1	1.56	15	23.44	64	100.00
163	PLEURA	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
164	THYMUS	0	0.00	0	0.00	1	100.00	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	81.82	0	0.00	2	9.09	0	0.00	2	9.09	22	100.00
171	CONNECTIVE TISS	17	94.44	0	0.00	0	0.00	0	0.00	1	5.56	18	100.00
172	SKIN MELANOMA	2	66.67	0	0.00	0	0.00	0	0.00	1	33.33	3	100.00
173	SKIN OTHER	40	95.24	0	0.00	2	4.76	0	0.00	0	0.00	42	100.00
174	BREAST FEM	519	82.38	11	1.75	56	8.89	4	0.63	40	6.35	630	100.00
179	UTERINE UNS	8	30.77	0	0.00	6	23.08	0	0.00	12	46.15	26	100.00
180	CERVIX UTERI	460	86.96	2	0.38	45	8.51	2	0.38	20	3.78	529	100.00
181	PLACENTA	9	81.82	0	0.00	2	18.18	0	0.00	0	0.00	11	100.00
182	BODY UTERUS	42	79.25	1	1.89	6	11.32	2	3.77	2	3.77	53	100.00
183	OVARY	149	78.01	3	1.57	26	13.61	1	0.52	12	6.28	191	100.00
184	VAGINA	36	92.31	0	0.00	1	2.56	1	2.56	1	2.56	39	100.00
188	URI BLADDER	11	78.57	1	7.14	0	0.00	0	0.00	2	14.29	14	100.00
189	KIDNEY	13	72.22	2	11.11	1	5.56	0	0.00	2	11.11	18	100.00
190	EYE	7	63.64	1	9.09	2	18.18	0	0.00	1	9.09	11	100.00
191	BRAIN	50	70.42	5	7.04	9	12.68	1	1.41	6	8.45	71	100.00
192	NERVOUS SYSTEM	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
193	THYROID GLAND	43	86.00	0	0.00	5	10.00	1	2.00	1	2.00	50	100.00
194	OTH ENDO GLANDS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
195	ILL DEF SITES	0	0.00	0	0.00	4	66.67	0	0.00	2	33.33	6	100.00
196	SEC LYMPH NODES	23	82.14	0	0.00	2	7.14	0	0.00	3	10.71	28	100.00
197	SEC RES ETC	31	67.39	4	8.70	7	15.22	0	0.00	4	8.70	46	100.00
198	SEC OTHER	15	68.18	4	18.18	2	9.09	0	0.00	1	4.55	22	100.00
199	PRIM UNK	1	12.50	0	0.00	2	25.00	1	12.50	4	50.00	8	100.00
200	LYMPHOSARCOMA	30	90.91	0	0.00	1	3.03	0	0.00	2	6.06	33	100.00
201	HODGKINS DIS	13	81.25	0	0.00	0	0.00	0	0.00	3	18.75	16	100.00
202	OTH LYMPHOMA	32	88.89	0	0.00	1	2.78	0	0.00	3	8.33	36	100.00
203	MULT MYELOMA	15	88.24	0	0.00	0	0.00	0	0.00	2	11.76	17	100.00
204	LEUK LYMPHATIC	27	90.00	0	0.00	0	0.00	0	0.00	3	10.00	30	100.00
205	LEUK MYELOID	45	88.24	0	0.00	0	0.00	0	0.00	6	11.76	51	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	7	70.00	0	0.00	0	0.00	0	0.00	3	30.00	10	100.00
ALL SITES TOTALS		2279		79		314		40		284		2996	
%		76.07		2.64		10.48		1.34		9.48		100.00	

ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1, 1986 IN MADRAS
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE NUMBER	MALE %	FEMALE NUMBER	FEMALE %	TOTAL NUMBER	TOTAL %
0-4	185639	9.72	186503	10.27	372142	9.98
5-9	213473	11.17	211298	11.63	424771	11.40
10-14	215762	11.29	207909	11.45	423671	11.37
15-19	195890	10.25	199585	10.99	395475	10.61
20-24	198460	10.39	199772	11.00	398232	10.68
25-29	181613	9.50	176714	9.73	358327	9.61
30-34	152397	7.98	125560	6.91	277957	7.46
35-39	129086	6.76	119025	6.55	248111	6.66
40-44	111520	5.84	88321	4.86	199841	5.36
45-49	94537	4.95	80550	4.44	175087	4.70
50-54	72649	3.80	65162	3.59	137811	3.70
55-59	55760	2.92	46058	2.54	101818	2.73
60-64	44279	2.32	45082	2.48	89361	2.40
65-69	24548	1.28	26371	1.45	50919	1.37
70-74	18865	0.99	20042	1.10	38907	1.04
75 +	16370	0.86	18269	1.01	34639	0.93
TOTAL	1910848	100.00	1816221	100.00	3727069	100.00

ESTIMATED RESIDENT POPULATION BY AGE AND SEX AS ON JULY 1, 1987 IN MADRAS
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE NUMBER	MALE %	FEMALE NUMBER	FEMALE %	TOTAL NUMBER	TOTAL %
0-4	189877	9.71	191382	10.27	381259	9.99
5-9	218347	11.17	216826	11.63	435173	11.40
10-14	220688	11.29	213348	11.45	434036	11.37
15-19	200362	10.25	204806	10.99	405168	10.61
20-24	202991	10.39	204998	11.00	407989	10.69
25-29	185759	9.50	181337	9.73	367096	9.61
30-34	155876	7.98	128845	6.91	284721	7.46
35-39	132034	6.76	122139	6.55	254173	6.66
40-44	114066	5.84	90632	4.86	204698	5.36
45-49	96696	4.95	82658	4.44	179354	4.70
50-54	74308	3.80	66866	3.59	141174	3.70
55-59	57033	2.92	47263	2.54	104296	2.73
60-64	45290	2.32	46262	2.48	1552	2.40
65-69	25108	1.28	27061	1.45	52169	1.37
70-74	19296	0.99	20566	1.10	39862	1.04
75 +	16744	0.86	18747	1.01	35491	0.93
TOTAL	1954475	100.00	1863736	100.00	3818211	100.00

MADRAS

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

The registry's activities are limited to the Madras city (Madras District). The projected population of Madras, as n July 1, 1987, is 3.8 millions (males : 2.0 millions, females : 1.8 millions). The sex ratio is 934 females per 1000 nales. Madras city is situated at latitude 13.04° N and longitude 80.17° E in the state of Tamil Nadu at the outh-eastern part of the sub-continent. It is at sea level with temperatures varying between 60°F and 116°F from e cold to hot seasons, the former falling in the months of November to February and the latter between April and une. The area of registration is 170 square kilometers.

The registry had identified 92 principal institutions for data collection on cancer patients. Durint the years 1982-987, the percentage of cases registered, varying between 14% and 15%, were from the Cancer Institute, between 2% and 31% from the Government General Hospital, between 8% to 10% from Government Stanley Hospital and etween 8% and 12% from the Government Hospital for women and children. The remaining cases came from other urces. The percentage of cases registered for which histological confirmation was available was varying between % and 72% for males and between 68% and 74% for females. Proportions varying between 6% and 10% of male ses and between 5% and 7% of the female cases were registered on the basis of information from a death certificate ly. Cancer deaths in period are appear to be under registered and efforts have been made to improve upon the ath notification with the help of Madras Municipal Corporation and other health authorities.

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALES YEAR : 1986 .

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	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0.16
141	TONGUE	0	0	0	0	0	2	2	1	3	6	8	13	10	8	3	3	0	59	4.78
142	SALIVARY G	1	0	0	0	0	0	0	0	0	2	0	0	1	0	1	0	0	5	0.41
143	GUM	0	0	0	0	0	0	0	2	0	2	2	2	0	0	0	3	0	11	0.89
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	4	1	0	1	3	0	0	0	9	0.73
145	OTHER MOUT	0	0	0	0	0	2	1	1	7	8	10	13	13	7	3	4	0	69	5.59
146	OROPHARYNX	0	0	0	0	1	0	1	0	3	2	3	3	4	3	0	3	0	23	1.86
147	NASOPHARYN	0	0	1	0	0	1	0	0	2	0	1	3	1	1	0	1	0	11	0.89
148	HYPOPHARYN	0	0	0	0	1	3	0	3	8	7	13	15	10	4	6	4	0	74	6.00
149	PHARYNX ET	0	0	0	0	0	0	0	0	0	1	1	3	2	2	2	1	0	12	0.97
150	OESOPHAGUS	0	0	0	1	0	2	3	4	8	9	15	16	16	4	5	7	0	90	7.29
151	STOMACH	0	0	0	2	1	1	6	4	16	20	28	28	27	30	17	15	0	195	15.80
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	1	0	0	2	2	1	3	3	4	2	1	0	19	1.54
154	RECTUM	0	0	0	0	0	1	0	2	1	3	8	2	4	4	1	4	0	30	2.43
155	LIVER	0	1	0	0	0	0	1	1	1	7	4	7	3	1	1	1	0	28	2.27
156	GALL BLADD	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	0	0	4	0.32
157	PANCREAS	0	0	0	0	0	2	1	0	1	1	1	2	4	1	1	1	0	15	1.22
158	RETROPERIT	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	4	0.32
159	OTHER DIS	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	3	0.24
160	NASAL CAVI	0	0	0	1	0	0	0	1	0	1	3	0	1	2	3	1	0	13	1.05
161	LARYNX	0	0	0	0	0	1	0	4	3	10	7	4	4	7	8	2	0	50	4.05
162	LUNG	0	0	0	0	0	0	0	4	9	18	20	16	20	12	5	11	0	115	9.32
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.08
164	THYMUS	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0.16
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	1	1	0	0	0	1	0	0	0	0	0	0	0	0	3	0.24
171	CONNECTIVE	0	1	0	3	1	1	1	1	0	2	1	3	0	1	0	0	0	15	1.22
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	3	0.24
173	SKIN OTHER	0	0	0	0	0	0	0	1	0	0	6	3	1	0	3	2	0	16	1.30
175	BREAST MAL	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	2	0	5	0.41
185	PROSTATE	0	0	0	0	0	0	0	0	1	0	3	3	3	6	4	9	0	29	2.35
186	TESTIS	1	0	0	0	3	1	3	2	1	1	0	0	1	1	0	0	0	14	1.13
187	PENIS ETC	0	0	0	0	0	0	1	2	1	4	4	4	6	3	2	2	0	29	2.35
188	URI BLADDE	0	0	0	0	0	0	0	0	1	2	5	5	3	0	2	3	0	21	1.70
189	KIDNEY	2	0	0	0	1	0	0	1	1	2	4	1	2	1	3	2	0	20	1.62
190	EYE	5	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	8	0.65
191	BRAIN	2	2	1	1	2	0	4	5	2	2	5	1	0	3	0	1	0	31	2.51
192	NERVOUS SY	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0.16
193	THYROID GL	0	0	0	0	0	1	4	2	3	0	0	1	1	0	0	0	0	12	0.97
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	3	0	0	2	1	0	1	0	7	0.57
196	SEC LYMPH	0	0	1	0	0	1	0	1	0	1	5	1	6	3	0	2	0	21	1.70
197	SEC RES ET	0	0	0	0	0	0	0	0	3	7	4	3	3	3	4	1	0	28	2.27
198	SEC OTHER	0	0	0	0	1	0	0	0	1	1	4	0	0	0	0	1	0	8	0.65
199	PRIM UNK	0	0	0	0	0	0	0	0	1	3	1	1	0	3	0	0	0	9	0.73
200	LYMPHOSARC	0	1	0	1	1	1	0	0	1	0	0	2	1	1	1	0	0	10	0.81
201	HODGKINS D	1	1	3	2	3	2	2	0	2	3	2	1	0	2	0	2	0	26	2.11
202	OTH LYMPHO	2	4	1	1	1	2	3	1	4	1	1	1	2	2	1	2	0	29	2.35
203	MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	5	0.41
204	LEUK LYMPH	3	3	0	2	3	0	2	0	0	0	0	0	2	1	0	1	0	17	1.38
205	LEUK MYELO	0	0	1	1	2	0	2	0	7	3	1	0	3	0	0	0	0	20	1.62
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	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0.16
	TOTAL	19	14	8	17	23	25	40	43	97	140	175	165	164	129	78	97	0	1234	100.00
	%	1.5	1.1	0.6	1.4	1.9	2.0	3.2	3.5	7.9	11.3	14.2	13.4	13.3	10.5	6.3	7.9	0.0	100.0	

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALES YEAR : 1986

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	0	1	1	0	0	0	0	0	3	0.18
141	TONGUE	0	0	0	0	0	0	0	2	0	2	2	0	2	2	1	1	0	12	0.72
142	SALIVARY G	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	4	0.24
143	GUM	0	0	0	0	0	0	0	0	0	2	3	1	3	1	0	0	0	10	0.60
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	1	0	6	8	15	19	8	15	5	8	5	0	90	5.40
146	OROPHARYNX	0	0	0	0	0	0	0	0	1	2	3	0	1	0	0	1	0	8	0.48
147	NASOPHARYN	0	0	0	0	1	3	0	0	0	2	0	0	1	0	0	0	0	7	0.42
148	HYPOPHARYN	0	0	0	0	0	2	0	1	3	7	4	4	6	0	0	0	0	27	1.62
149	PHARYNX ET	0	0	0	0	0	0	0	0	0	1	0	1	0	2	0	0	0	4	0.24
150	OESOPHAGUS	0	0	0	0	1	3	2	3	7	10	16	11	14	7	5	7	0	86	5.16
151	STOMACH	0	0	0	0	1	2	3	6	10	13	7	18	8	10	5	3	0	86	5.16
152	SMALL INTE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.06
153	COLON	0	0	0	0	0	0	0	0	0	1	2	2	2	2	1	2	0	12	0.72
154	RECTUM	0	0	0	0	1	2	0	0	1	1	7	3	3	0	1	2	0	21	1.26
155	LIVER	0	0	0	0	0	1	2	0	0	0	2	0	2	2	1	1	0	11	0.66
156	GALL BLADD	0	0	0	0	0	0	1	1	0	1	2	1	1	0	0	0	0	7	0.42
157	PANCREAS	0	0	1	0	0	0	3	1	1	2	0	1	0	0	0	1	0	10	0.60
158	RETROPERIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.06
159	OTHER DIS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.06
160	NASAL CAVI	0	0	0	0	1	0	1	0	2	0	1	1	2	0	1	0	0	9	0.54
161	LARYNX	0	0	0	1	0	1	0	1	2	0	1	2	0	1	1	0	0	10	0.60
162	LUNG	0	0	0	0	0	1	0	1	5	2	1	4	2	0	1	1	0	18	1.08
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	1	0	1	2	0	1	0	0	1	0	0	2	0	0	1	0	0	9	0.54
171	CONNECTIVE	0	0	1	0	0	1	1	0	1	1	1	1	1	0	0	0	0	8	0.48
172	SKIN MELAN	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	2	0.12
173	SKIN OTHER	1	0	0	0	1	0	1	0	0	1	1	1	5	0	0	1	0	12	0.72
174	BREAST FEM	0	0	0	0	2	8	10	29	33	36	46	22	29	23	9	8	0	255	15.30
179	UTERINE UN	0	0	0	0	1	1	1	2	0	1	2	1	0	1	1	1	0	12	0.72
180	CERVIX UTE	0	0	0	0	2	10	26	61	83	132	122	79	71	35	15	11	0	647	38.81
181	PLACENTA	0	0	0	0	1	0	1	0	1	0	0	0	1	0	0	0	0	4	0.24
182	BODY UTERU	0	0	0	0	0	0	1	0	0	2	3	2	3	3	1	1	0	16	0.96
183	OVARY	0	1	0	2	4	2	2	15	7	14	9	7	4	7	4	0	0	78	4.68
184	VAGINA	0	0	0	0	0	0	3	3	4	3	4	1	0	3	1	1	0	23	1.38
188	URI BLADDE	0	0	0	0	0	0	0	2	1	0	0	1	1	0	0	0	0	5	0.30
189	KIDNEY	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0.12
190	EYE	7	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	9	0.54
191	BRAIN	0	3	3	2	1	0	1	1	1	0	1	0	0	0	0	0	0	13	0.78
192	NERVOUS SY	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.06
193	THYROID GL	0	0	1	1	1	5	1	2	5	3	5	3	2	2	1	1	0	33	1.98
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	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0.18
196	SEC LYMPH	0	0	0	0	0	0	0	0	0	0	4	2	0	0	0	0	0	6	0.36
197	SEC RES ET	0	1	0	0	0	0	1	1	1	3	2	3	0	1	3	1	0	17	1.02
198	SEC OTHER	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	3	0.18
199	PRIM UNK	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	3	0.18
200	LYMPHOSARC	0	1	2	0	1	0	0	0	0	0	2	1	2	0	1	0	0	10	0.60
201	HODGKINS D	0	0	0	0	2	0	1	0	0	1	1	0	0	0	1	0	0	6	0.36
202	OTH LYMPHO	1	0	0	1	0	1	4	1	0	0	1	1	1	3	0	0	0	14	0.84
203	MULT MYELO	0	0	0	0	0	0	0	0	0	0	0	3	1	1	1	0	0	6	0.36
204	LEUK LYMPH	2	2	6	1	1	1	1	0	0	0	0	0	0	0	0	0	0	14	0.84
205	LEUK MYELO	1	2	0	0	1	2	2	2	4	2	0	1	0	0	0	1	0	18	1.08
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	15	11	16	10	24	48	69	143	182	263	278	192	187	112	67	50	0	1667	100.00
	%	0.9	0.7	1.0	0.6	1.4	2.9	4.1	8.6	10.9	15.8	16.7	11.5	11.2	6.7	4.0	3.0	0.0	100.0	

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALES YEAR : 1986

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	0.5	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
141 TONGUE	0.0	0.0	0.0	0.0	0.0	1.1	1.3	0.8	2.7	6.3	11.0	23.3	22.6	32.6	15.9	18.3	3.1	4.8	9.6
142 SALIVARY	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.1	0.0	0.0	2.3	0.0	5.3	0.0	0.3	0.4	0.7
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.1	2.8	3.6	0.0	0.0	0.0	18.3	0.6	0.9	1.6
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.2	1.4	0.0	2.3	12.2	0.0	0.0	0.5	0.8	1.3
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.8	6.3	8.5	13.8	23.3	29.4	28.5	15.9	24.4	3.6	5.5	12.0
146 OROPHARY	0.0	0.0	0.0	0.0	0.5	0.0	0.7	0.0	2.7	2.1	4.1	5.4	9.0	12.2	0.0	18.3	1.2	1.9	3.5
147 NASOPHAR	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.0	1.8	0.0	1.4	5.4	2.3	4.1	0.0	6.1	0.6	0.8	1.6
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.5	1.7	0.0	2.3	7.2	7.4	17.9	26.9	22.6	16.3	31.8	24.4	3.9	5.7	12.5
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.4	5.4	4.5	8.1	10.6	6.1	0.6	1.1	1.7
150 OESOPHAG	0.0	0.0	0.0	0.5	0.0	1.1	2.0	3.1	7.2	9.5	20.6	28.7	36.1	16.3	26.5	42.8	4.7	6.9	15.5
151 STOMACH	0.0	0.0	0.0	1.0	0.5	0.6	3.9	3.1	14.3	21.2	38.5	50.2	61.0	122.2	90.1	91.6	10.2	16.4	28.0
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	0.0	0.0	0.0	0.6	0.0	0.0	1.8	2.1	1.4	5.4	6.8	16.3	10.6	6.1	1.0	1.7	2.5
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.5	0.9	3.2	11.0	3.6	9.0	16.3	5.3	24.4	1.6	2.5	4.5
155 LIVER	0.0	0.5	0.0	0.0	0.0	0.0	0.7	0.8	0.9	7.4	5.5	12.6	6.8	4.1	5.3	6.1	1.5	2.0	5.1
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	1.8	4.5	0.0	0.0	0.0	0.2	0.3	0.8
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	1.1	0.7	0.0	0.9	1.1	1.4	3.6	9.0	4.1	5.3	6.1	0.8	1.2	2.2
158 RETROPER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.8	0.0	0.0	0.0	12.2	0.2	0.4	0.5
159 OTHER DI	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.3
160 NASAL CA	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.8	0.0	1.1	4.1	0.0	2.3	8.1	15.9	6.1	0.7	1.1	1.3
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.6	0.0	3.1	2.7	10.6	9.6	7.2	9.0	28.5	42.4	12.2	2.6	4.1	6.8
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	8.1	19.0	27.5	28.7	45.2	48.9	26.5	67.2	6.0	9.5	19.8
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	4.1	0.0	0.0	0.1	0.1	0.0
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	4.1	0.0	0.0	0.1	0.2	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	0.0	0.5	0.5	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2
171 CONNECTI	0.0	0.5	0.0	1.5	0.5	0.6	0.7	0.8	0.0	2.1	1.4	5.4	0.0	4.1	0.0	0.0	0.8	0.9	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	0.0	1.8	0.0	0.0	0.0	6.1	0.2	0.3	0.4
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	8.3	5.4	2.3	0.0	15.9	12.2	0.8	1.3	2.5
175 BREAST M	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	1.8	2.3	0.0	0.0	12.2	0.3	0.5	0.7
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	4.1	5.4	6.8	24.4	21.2	55.0	1.5	3.0	2.4
186 TESTIS	0.5	0.0	0.0	0.0	1.5	0.6	2.0	1.5	0.9	1.1	0.0	0.0	2.3	4.1	0.0	0.0	0.7	0.8	1.0
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.5	0.9	4.2	5.5	7.2	13.6	12.2	10.6	12.2	1.5	2.4	4.9
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	2.1	6.9	9.0	6.8	0.0	10.6	18.3	1.1	1.7	3.7
189 KIDNEY	1.1	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.9	2.1	5.5	1.8	4.5	4.1	15.9	12.2	1.0	1.6	2.4
190 EYE	2.7	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	6.1	0.4	0.6	0.2
191 BRAIN	1.1	0.9	0.5	0.5	1.0	0.0	2.6	3.9	1.8	2.1	6.9	1.8	0.0	12.2	0.0	6.1	1.6	1.9	2.8
192 NERVOUS	0.5	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	0.1	0.0
193 THYROID	0.0	0.0	0.0	0.0	0.0	0.6	2.6	1.5	2.7	0.0	0.0	1.8	2.3	0.0	0.0	0.0	0.6	0.6	1.3
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	3.2	0.0	0.0	4.5	4.1	0.0	6.1	0.4	0.6	1.2
196 SEC LYMP	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.8	0.0	1.1	6.9	1.8	13.6	12.2	0.0	12.2	1.1	1.8	3.4
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	7.4	5.5	5.4	6.8	12.2	21.2	6.1	1.5	2.3	4.4
198 SEC OTHE	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.9	1.1	5.5	0.0	0.0	0.0	0.0	6.1	0.4	0.6	1.3
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	3.2	1.4	1.8	0.0	12.2	0.0	0.0	0.5	0.8	1.2
200 LYMPHOSA	0.0	0.5	0.0	0.5	0.5	0.6	0.0	0.0	0.9	0.0	0.0	3.6	2.3	4.1	5.3	0.0	0.5	0.7	0.9
201 HODGKINS	0.5	0.5	1.4	1.0	1.5	1.1	1.3	0.0	1.8	3.2	2.8	1.8	0.0	8.1	0.0	12.2	1.4	1.6	1.6
202 OTH LYMP	1.1	1.9	0.5	0.5	0.5	1.1	2.0	0.8	3.6	1.1	1.4	1.8	4.5	8.1	5.3	12.2	1.5	1.9	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	1.8	2.3	12.2	0.0	0.0	0.3	0.5	0.5
204 LEUK LYM	1.6	1.4	0.0	1.0	1.5	0.0	1.3	0.0	0.0	0.0	0.0	0.0	4.5	4.1	0.0	6.1	0.9	1.1	0.6
205 LEUK MYE	0.0	0.0	0.5	0.5	1.0	0.0	1.3	0.0	6.3	3.2	1.4	0.0	6.8	0.0	0.0	0.0	1.0	1.2	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	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	0.5	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	0.1	0.0
TOTAL	10.2	6.6	3.7	8.7	11.6	13.8	26.2	33.3	87.0	148.1	240.9	295.9	370.4	525.5	413.5	592.5	64.6	97.3	176.8

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALES YEAR : 1986

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	0.8	0.0	0.0	1.5	2.2	0.0	0.0	0.0	0.0	0.2	0.2	0.7
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	2.5	3.1	0.0	4.4	7.6	5.0	5.5	0.7	1.0	1.9
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.2	4.4	0.0	0.0	0.0	0.2	0.3	1.1
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	4.6	2.2	6.7	3.8	0.0	0.0	0.6	0.8	2.4
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	0.6	0.0	5.0	9.1	18.6	29.2	17.4	33.3	19.0	39.9	27.4	5.0	7.4	17.6
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.5	4.6	0.0	2.2	0.0	0.0	5.5	0.4	0.6	1.7
147 NASOPHAR	0.0	0.0	0.0	0.0	0.5	1.7	0.0	0.0	0.0	2.5	0.0	0.0	2.2	0.0	0.0	0.0	0.4	0.4	0.8
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.8	3.4	8.7	6.1	8.7	13.3	0.0	0.0	0.0	1.5	2.1	6.3
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	2.2	0.0	7.6	0.0	0.0	0.2	0.4	0.5
150 OESOPHAG	0.0	0.0	0.0	0.0	0.5	1.7	1.6	2.5	7.9	12.4	24.6	23.9	31.1	26.5	24.9	38.3	4.7	7.1	15.5
151 STOMACH	0.0	0.0	0.0	0.0	0.5	1.1	2.4	5.0	11.3	16.1	10.7	39.1	17.7	37.9	24.9	16.4	4.7	7.0	15.4
152 SMALL IN	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	0.1	0.2
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.1	4.3	4.4	7.6	5.0	10.9	0.7	1.1	1.9
154 RECTUM	0.0	0.0	0.0	0.0	0.5	1.1	0.0	0.0	1.1	1.2	10.7	6.5	6.7	0.0	5.0	10.9	1.2	1.7	3.9
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.6	1.6	0.0	0.0	0.0	3.1	0.0	4.4	7.6	5.0	5.5	0.6	0.9	1.1
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.0	1.2	3.1	2.2	2.2	0.0	0.0	0.0	0.4	0.5	1.5
157 PANCREAS	0.0	0.0	0.5	0.0	0.0	0.0	2.4	0.8	1.1	2.5	0.0	2.2	0.0	0.0	0.0	5.5	0.6	0.7	1.1
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	5.0	0.0	0.1	0.1	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	2.2	0.0	0.0	0.0	0.1	0.1	0.3
160 NASAL CA	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	2.3	0.0	1.5	2.2	4.4	0.0	5.0	0.0	0.5	0.7	1.5
161 LARYNX	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.8	2.3	0.0	1.5	4.3	0.0	3.8	5.0	0.0	0.6	0.7	1.4
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.8	5.7	2.5	1.5	8.7	4.4	0.0	5.0	5.5	1.0	1.4	3.7
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	0.5	0.0	0.5	1.0	0.0	0.6	0.0	0.0	1.1	0.0	0.0	4.3	0.0	0.0	5.0	0.0	0.5	0.6	0.8
171 CONNECTI	0.0	0.0	0.5	0.0	0.0	0.6	0.8	0.0	1.1	1.2	1.5	2.2	2.2	0.0	0.0	0.0	0.4	0.5	1.3
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.5
173 SKIN OTH	0.5	0.0	0.0	0.0	0.5	0.0	0.8	0.0	0.0	1.2	1.5	2.2	11.1	0.0	0.0	5.5	0.7	0.9	2.2
174 BREAST F	0.0	0.0	0.0	0.0	1.0	4.5	8.0	24.4	37.4	44.7	70.6	47.8	64.3	87.2	44.9	43.8	14.0	19.7	46.4
179 UTERINE	0.0	0.0	0.0	0.0	0.5	0.6	0.8	1.7	0.0	1.2	3.1	2.2	0.0	3.8	5.0	5.5	0.7	0.9	1.3
180 CERVIX U	0.0	0.0	0.0	0.0	1.0	5.7	20.7	51.2	94.0	163.9	187.2	171.5	157.5	132.7	74.8	60.2	35.6	49.5	132.5
181 PLACENTA	0.0	0.0	0.0	0.0	0.5	0.0	0.8	0.0	1.1	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.2	0.2	0.5
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.5	4.6	4.3	6.7	11.4	5.0	5.5	0.9	1.4	2.6
183 OVARY	0.0	0.5	0.0	1.0	2.0	1.1	1.6	12.6	7.9	17.4	13.8	15.2	8.9	26.5	20.0	0.0	4.3	5.6	12.7
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.0	2.4	2.5	4.5	3.7	6.1	2.2	0.0	11.4	5.0	5.5	1.3	1.7	3.4
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	1.1	0.0	0.0	2.2	2.2	0.0	0.0	0.0	0.3	0.3	1.1
189 KIDNEY	0.5	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	0.1	0.2
190 EYE	3.8	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	5.0	0.0	0.5	0.6	0.0
191 BRAIN	0.0	1.4	1.4	1.0	0.5	0.0	0.8	0.8	1.1	0.0	1.5	0.0	0.0	0.0	0.0	0.0	0.7	0.6	0.6
192 NERVOUS	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
193 THYROID	0.0	0.0	0.5	0.5	0.5	2.8	0.8	1.7	5.7	3.7	7.7	6.5	4.4	7.6	5.0	5.5	1.8	2.3	4.8
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	0.5	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	0.0	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	0.0	0.0	0.0	5.0	0.0	0.2	0.2	0.0
197 SEC RES	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	4.3	0.0	0.0	0.0	0.0	0.3	0.5	1.6
198 SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.8	1.1	3.7	3.1	6.5	0.0	3.8	15.0	5.5	0.9	1.4	2.4
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	0.0	2.2	0.0	0.0	0.0	0.0	0.2	0.2	0.7
200 LYMPHOSA	0.0	0.5	1.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.2	2.2	3.8	0.0	0.0	0.2	0.3	0.6
201 HODGKINS	0.0	0.0	0.0	0.0	1.0	0.0	0.8	0.0	0.0	0.0	3.1	2.2	4.4	0.0	5.0	0.0	0.6	0.7	1.3
202 OTH LYMP	0.5	0.0	0.0	0.5	0.0	0.6	3.2	0.8	0.0	1.2	1.5	0.0	0.0	0.0	5.0	0.0	0.3	0.4	0.5
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	2.2	2.2	11.4	0.0	0.0	0.8	1.0	1.0
204 LEUK LYM	1.1	0.9	2.9	0.5	0.5	0.6	0.8	0.0	0.0	0.0	0.0	6.5	2.2	3.8	5.0	0.0	0.3	0.6	1.1
205 LEUK MYE	0.5	0.9	0.0	0.0	0.5	1.1	1.6	1.7	4.5	2.5	0.0	2.2	0.0	0.0	0.0	5.5	1.0	1.1	2.0
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	8.0	5.2	7.7	5.0	12.0	27.2	55.0	120.1	206.1	326.5	426.6	416.9	414.8	424.7	334.3	273.7	91.8	127.7	302.5

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALES

CUMULATIVE RISK (PER CENT) YEAR : 1986

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	0.01	0.50	0.35	0.59
142	SALIVARY GLANDS	0.00	0.00	0.02	0.02	0.05
143	GUM	0.00	0.00	0.05	0.05	0.05
144	FLOOR OF MOUTH	0.00	0.00	0.10	0.04	0.10
145	OTHER MOUTH	0.00	0.01	0.55	0.42	0.64
146	OROPHARYNX	0.00	0.01	0.18	0.12	0.18
147	NASOPHARYNX	0.00	0.00	0.07	0.06	0.08
148	HYPOPHARYNX	0.00	0.01	0.50	0.43	0.67
149	PHARYNX ETC	0.00	0.00	0.10	0.06	0.16
150	OESOPHAGUS	0.00	0.02	0.61	0.54	0.76
151	STOMACH	0.00	0.03	1.54	0.97	2.01
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.00	0.17	0.09	0.22
154	RECTUM	0.00	0.00	0.23	0.15	0.26
155	LIVER	0.00	0.00	0.19	0.18	0.22
156	GALL BLADDER	0.00	0.00	0.03	0.03	0.03
157	PANCREAS	0.00	0.01	0.10	0.09	0.14
158	RETROPERITONEUM	0.00	0.00	0.02	0.02	0.02
159	OTHER DIS SYS	0.00	0.00	0.01	0.01	0.01
160	NASAL CAVITY	0.00	0.00	0.08	0.04	0.16
161	LARYNX	0.00	0.00	0.35	0.21	0.57
162	LUNG	0.00	0.00	0.90	0.66	1.03
163	PLEURA	0.00	0.00	0.02	0.00	0.02
164	THYMUS	0.00	0.00	0.03	0.01	0.03
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.01	0.00	0.01	0.01
171	CONNECTIVE TISS	0.00	0.02	0.07	0.07	0.09
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.01
173	SKIN OTHER	0.00	0.00	0.08	0.08	0.16
175	BREAST MALE	0.00	0.00	0.02	0.02	0.02
185	PROSTATE	0.00	0.00	0.21	0.09	0.31
186	TESTIS	0.00	0.02	0.05	0.05	0.07
187	PENIS ETC	0.00	0.00	0.23	0.17	0.28
188	URI BLADDER	0.00	0.00	0.13	0.13	0.18
189	KIDNEY	0.01	0.00	0.10	0.09	0.19
190	EYE	0.02	0.00	0.01	0.02	0.02
191	BRAIN	0.01	0.02	0.14	0.12	0.18
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.01	0.01
193	THYROID GLAND	0.00	0.02	0.04	0.06	0.06
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.06	0.04	0.06
196	SEC LYMPH NODES	0.00	0.00	0.18	0.13	0.19
197	SEC RES ETC	0.00	0.00	0.20	0.14	0.31
198	SEC OTHER	0.00	0.00	0.04	0.04	0.04
199	PRIM UNK	0.00	0.00	0.10	0.04	0.10
200	LYMPHOSARCOMA	0.00	0.01	0.05	0.04	0.09
201	HODGKINS DIS	0.01	0.02	0.09	0.08	0.12
202	OTH LYMPHOMA	0.02	0.02	0.11	0.10	0.17
203	MULT MYELOMA	0.00	0.00	0.08	0.02	0.08
204	LEUK LYMPHATIC	0.02	0.02	0.04	0.06	0.08
205	LEUK MYELOID	0.00	0.01	0.09	0.10	0.10
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	0.10	0.30	8.15	6.09	10.03

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALES

CUMULATIVE RISK (PER CENT) YEAR : 1986

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	0.10	0.06	0.12
142	SALIVARY GLANDS	0.00	0.00	0.04	0.04	0.04
143	GUM	0.00	0.00	0.10	0.08	0.10
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.66	0.56	0.86
146	OROPHARYNX	0.00	0.00	0.05	0.05	0.05
147	NASOPHARYNX	0.00	0.01	0.02	0.03	0.03
148	HYPOPHARYNX	0.00	0.01	0.21	0.21	0.21
149	PHARYNX ETC	0.00	0.00	0.05	0.02	0.05
150	OESOPHAGUS	0.00	0.02	0.64	0.53	0.79
151	STOMACH	0.00	0.02	0.69	0.52	0.83
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.01
153	COLON	0.00	0.00	0.10	0.07	0.13
154	RECTUM	0.00	0.01	0.13	0.14	0.16
155	LIVER	0.00	0.01	0.08	0.05	0.11
156	GALL BLADDER	0.00	0.00	0.05	0.05	0.05
157	PANCREAS	0.00	0.01	0.03	0.05	0.05
158	RETROPERITONEUM	0.00	0.00	0.00	0.00	0.02
159	OTHER DIS SYS	0.00	0.00	0.01	0.01	0.01
160	NASAL CAVITY	0.00	0.01	0.05	0.06	0.08
161	LARYNX	0.00	0.01	0.06	0.05	0.09
162	LUNG	0.00	0.00	0.12	0.12	0.15
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	0.01	0.01	0.03	0.04	0.07
171	CONNECTIVE TISS	0.00	0.01	0.04	0.05	0.05
172	SKIN MELANOMA	0.00	0.00	0.01	0.01	0.01
173	SKIN OTHER	0.00	0.01	0.08	0.09	0.09
174	BREAST FEM	0.00	0.07	1.86	1.50	2.15
179	UTERINE UNS	0.00	0.01	0.06	0.05	0.09
180	CERVIX UTERI	0.00	0.14	4.68	4.17	5.16
181	PLACENTA	0.00	0.01	0.02	0.02	0.02
182	BODY UTERUS	0.00	0.00	0.15	0.09	0.18
183	OVARY	0.00	0.03	0.51	0.41	0.64
184	VAGINA	0.00	0.01	0.15	0.11	0.19
188	URI BLADDER	0.00	0.00	0.04	0.04	0.04
189	KIDNEY	0.00	0.00	0.01	0.01	0.01
190	EYE	0.02	0.00	0.00	0.02	0.05
191	BRAIN	0.01	0.01	0.02	0.04	0.04
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.02	0.19	0.17	0.24
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.01	0.00	0.00	0.01	0.03
196	SEC LYMPH NODES	0.00	0.00	0.05	0.05	0.05
197	SEC RES ETC	0.00	0.00	0.10	0.08	0.18
198	SEC OTHER	0.00	0.00	0.02	0.02	0.02
199	PRIM UNK	0.00	0.00	0.04	0.02	0.04
200	LYMPHOSARCOMA	0.01	0.00	0.05	0.06	0.08
201	HODGKINS DIS	0.00	0.01	0.01	0.02	0.05
202	OTH LYMPHOMA	0.00	0.02	0.09	0.06	0.11
203	MULT MYELOMA	0.00	0.00	0.06	0.04	0.09
204	LEUK LYMPHATIC	0.02	0.01	0.00	0.04	0.04
205	LEUK MYELOID	0.01	0.02	0.05	0.08	0.08
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	0.10	0.49	11.02	9.66	12.50

POPULATION-BASED CANCER REGISTRY MADRAS   SEX : MALE   YEAR : 1986

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

ICD 9TH	SITE	MICROSCOPIC n	%	X-RAY n	%	CLINICAL ONLY n	%	OTHERS n	%	D.C.O. n	%	TOTALS n	%
140	LIP	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
141	TONGUE	38	64.41	0	0.00	20	33.90	0	0.00	1	1.69	59	100.00
142	SALIVARY GLANDS	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
143	GUM	6	54.55	0	0.00	4	36.36	0	0.00	1	9.09	11	100.00
144	FLOOR OF MOUTH	5	55.56	0	0.00	3	33.33	0	0.00	1	11.11	9	100.00
145	OTHER MOUTH	38	55.07	0	0.00	29	42.03	0	0.00	2	2.90	69	100.00
146	OROPHARYNX	14	60.87	0	0.00	7	30.43	1	4.35	1	4.35	23	100.00
147	NASOPHARYNX	6	54.55	0	0.00	4	36.36	1	9.09	0	0.00	11	100.00
148	HYPOPHARYNX	51	68.92	0	0.00	17	22.97	5	6.76	1	1.35	74	100.00
149	PHARYNX ETC	7	58.33	0	0.00	4	33.33	0	0.00	1	8.33	12	100.00
150	OESOPHAGUS	46	51.11	7	7.78	10	11.11	23	25.56	4	4.44	90	100.00
151	STOMACH	64	32.82	12	6.15	37	18.97	52	26.67	30	15.38	195	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	73.68	1	5.26	1	5.26	3	15.79	0	0.00	19	100.00
154	RECTUM	22	73.33	2	6.67	2	6.67	0	0.00	4	13.33	30	100.00
155	LIVER	14	50.00	3	10.71	4	14.29	0	0.00	7	25.00	28	100.00
156	GALL BLADDER	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
157	PANCREAS	4	26.67	5	33.33	3	20.00	1	6.67	2	13.33	15	100.00
158	RETROPERITONEUM	2	50.00	1	25.00	0	0.00	0	0.00	1	25.00	4	100.00
159	OTHER DIS SYS	1	33.33	0	0.00	0	0.00	0	0.00	2	66.67	3	100.00
160	NASAL CAVITY	10	76.92	0	0.00	3	23.08	0	0.00	0	0.00	13	100.00
161	LARYNX	29	58.00	0	0.00	9	18.00	4	8.00	8	16.00	50	100.00
162	LUNG	35	30.43	35	30.43	15	13.04	17	14.78	13	11.30	115	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	2	100.00	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	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
171	CONNECTIVE TISS	15	100.00	0	0.00	0	0.00	0	0.00	0	0.00	15	100.00
172	SKIN MELANOMA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
173	SKIN OTHER	15	93.75	0	0.00	1	6.25	0	0.00	0	0.00	16	100.00
175	BREAST MALE	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
185	PROSTATE	14	48.28	2	6.90	7	24.14	2	6.90	4	13.79	29	100.00
186	TESTIS	11	78.57	0	0.00	2	14.29	0	0.00	1	7.14	14	100.00
187	PENIS ETC	22	75.86	0	0.00	7	24.14	0	0.00	0	0.00	29	100.00
188	URI BLADDER	13	61.90	0	0.00	3	14.29	4	19.05	1	4.76	21	100.00
189	KIDNEY	16	80.00	1	5.00	1	5.00	0	0.00	2	10.00	20	100.00
190	EYE	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
191	BRAIN	23	74.19	4	12.90	0	0.00	0	0.00	4	12.90	31	100.00
192	NERVOUS SYSTEM	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
193	THYROID GLAND	6	50.00	0	0.00	6	50.00	0	0.00	0	0.00	12	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	14.29	3	42.86	0	0.00	0	0.00	3	42.86	7	100.00
196	SEC LYMPH NODES	17	80.95	0	0.00	3	14.29	0	0.00	1	4.76	21	100.00
197	SEC RES ETC	10	35.71	11	39.29	6	21.43	0	0.00	1	3.57	28	100.00
198	SEC OTHER	3	37.50	4	50.00	1	12.50	0	0.00	0	0.00	8	100.00
199	PRIM UNK	0	0.00	1	11.11	1	11.11	0	0.00	7	77.78	9	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	25	96.15	0	0.00	1	3.85	0	0.00	0	0.00	26	100.00
202	OTH LYMPHOMA	21	72.41	2	6.90	3	10.34	0	0.00	3	10.34	29	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	17	100.00	0	0.00	0	0.00	0	0.00	0	0.00	17	100.00
205	LEUK MYELOID	18	90.00	0	0.00	1	5.00	0	0.00	1	5.00	20	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	2	100.00	2	100.00
ALL SITES TOTALS		697		96		218		113		110		1234	
%		56.48		7.78		17.67		9.16		8.91		100.00	

POPULATION-BASED CANCER REGISTRY MADRAS   SEX : FEMALE   YEAR : 1986

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

ICD 9TH	SITE	MICROSCOPIC n	%	X-RAY n	%	CLINICAL ONLY n	%	OTHERS n	%	D.C.O. n	%	TOTALS n	%
140	LIP	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
141	TONGUE	7	58.33	0	0.00	5	41.67	0	0.00	0	0.00	12	100.00
142	SALIVARY GLANDS	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
143	GUM	4	40.00	0	0.00	6	60.00	0	0.00	0	0.00	10	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	47	52.22	0	0.00	42	46.67	0	0.00	1	1.11	90	100.00
146	OROPHARYNX	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
147	NASOPHARYNX	5	71.43	0	0.00	2	28.57	0	0.00	0	0.00	7	100.00
148	HYPOPHARYNX	17	62.96	1	3.70	7	25.93	2	7.41	0	0.00	27	100.00
149	PHARYNX ETC	1	25.00	0	0.00	1	25.00	0	0.00	2	50.00	4	100.00
150	OESOPHAGUS	48	55.81	4	4.65	4	4.65	20	23.26	10	11.63	86	100.00
151	STOMACH	34	39.53	3	3.49	14	16.28	22	25.58	13	15.12	86	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	4	33.33	2	16.67	4	33.33	2	16.67	0	0.00	12	100.00
154	RECTUM	14	66.67	0	0.00	3	14.29	0	0.00	4	19.05	21	100.00
155	LIVER	2	18.18	0	0.00	2	18.18	0	0.00	7	63.64	11	100.00
156	GALL BLADDER	2	28.57	3	42.86	0	0.00	1	14.29	1	14.29	7	100.00
157	PANCREAS	2	20.00	3	30.00	4	40.00	1	10.00	0	0.00	10	100.00
158	RETROPERITONEUM	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
159	OTHER DIS SYS	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
160	NASAL CAVITY	6	66.67	1	11.11	2	22.22	0	0.00	0	0.00	9	100.00
161	LARYNX	6	60.00	0	0.00	3	30.00	1	10.00	0	0.00	10	100.00
162	LUNG	5	27.78	3	16.67	2	11.11	2	11.11	6	33.33	18	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	7	77.78	1	11.11	0	0.00	0	0.00	1	11.11	9	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	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
173	SKIN OTHER	11	91.67	0	0.00	1	8.33	0	0.00	0	0.00	12	100.00
174	BREAST FEM	152	59.61	3	1.18	86	33.73	0	0.00	14	5.49	255	100.00
179	UTERINE UNS	8	66.67	0	0.00	3	25.00	0	0.00	1	8.33	12	100.00
180	CERVIX UTERI	539	83.31	0	0.00	92	14.22	0	0.00	16	2.47	647	100.00
181	PLACENTA	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
182	BODY UTERUS	13	81.25	0	0.00	2	12.50	0	0.00	1	6.25	16	100.00
183	OVARY	59	75.64	5	6.41	9	11.54	4	5.13	1	1.28	78	100.00
184	VAGINA	18	78.26	0	0.00	5	21.74	0	0.00	0	0.00	23	100.00
188	URI BLADDER	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
189	KIDNEY	1	50.00	0	0.00	1	50.00	0	0.00	0	0.00	2	100.00
190	EYE	8	88.89	0	0.00	1	11.11	0	0.00	0	0.00	9	100.00
191	BRAIN	8	61.54	3	23.08	1	7.69	0	0.00	1	7.69	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	17	51.52	4	12.12	11	33.33	0	0.00	1	3.03	33	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	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	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	2	11.76	11	64.71	3	17.65	0	0.00	1	5.88	17	100.00
198	SEC OTHER	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00	3	100.00
200	LYMPHOSARCOMA	9	90.00	1	10.00	0	0.00	0	0.00	0	0.00	10	100.00
201	HODGKINS DIS	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
202	OTH LYMPHOMA	8	57.14	0	0.00	4	28.57	0	0.00	2	14.29	14	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	14	100.00	0	0.00	0	0.00	0	0.00	0	0.00	14	100.00
205	LEUK MYELOID	18	100.00	0	0.00	0	0.00	0	0.00	0	0.00	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	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		1149		51		325		55		87		1667	
%		68.93		3.06		19.50		3.30		5.22		100.00	

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALES YEAR : 1987

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	1	0	0	1	0	1	1	1	0	6	0.46
141	TONGUE	0	0	0	0	0	0	1	5	2	4	15	14	13	6	4	0	0	64	4.88
142	SALIVARY G	0	0	0	1	0	0	0	1	1	1	1	1	1	1	1	0	0	9	0.69
143	GUM	0	0	0	0	0	0	0	0	0	1	1	3	4	1	1	1	0	12	0.92
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	1	0	2	4	0	2	0	0	9	0.69
145	OTHER MOUT	1	0	1	0	0	0	0	2	5	10	7	11	15	11	7	2	0	72	5.49
146	OROPHARYNX	0	0	0	0	0	0	1	0	2	2	3	9	6	0	1	3	0	27	2.06
147	NASOPHARYN	0	0	1	0	0	0	2	0	0	1	1	2	0	0	0	0	0	7	0.53
148	HYPOPHARYN	0	0	0	0	0	1	3	2	3	12	17	14	9	8	9	3	0	81	6.18
149	PHARYNX ET	0	0	0	0	0	0	0	2	1	5	0	1	1	1	1	0	0	12	0.92
150	OESOPHAGUS	0	0	0	0	0	0	0	2	6	14	24	15	17	13	13	6	0	110	8.39
151	STOMACH	0	1	0	0	0	4	4	7	18	24	27	25	29	18	14	6	0	177	13.50
152	SMALL INTE	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	2	0.15
153	COLON	0	0	0	0	1	1	0	0	0	1	4	3	2	1	1	2	0	16	1.22
154	RECTUM	0	0	0	0	1	1	0	0	4	2	5	3	7	4	3	0	0	30	2.29
155	LIVER	0	2	0	0	0	0	2	2	4	5	4	5	4	2	3	0	0	33	2.52
156	GALL BALDD	0	0	0	0	0	0	0	1	0	0	0	2	0	3	2	1	0	9	0.69
157	PANCREAS	0	0	0	0	0	1	1	1	0	1	5	3	3	3	1	0	0	19	1.45
158	RETROPERIT	0	0	0	0	0	2	0	1	1	0	0	2	0	0	0	0	0	6	0.46
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	2	0	1	2	0	0	1	1	0	1	1	0	9	0.69
161	LARYNX	0	0	0	1	0	1	0	1	5	4	7	12	9	7	5	2	0	54	4.12
162	LUNG	0	1	0	0	0	1	2	4	11	8	23	25	15	12	4	4	0	110	8.39
163	PLEURA	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0.15
164	THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0	2	2	1	0	0	0	0	1	0	1	1	2	0	0	0	10	0.76
171	CONNECTIVE	0	0	0	1	0	2	1	1	0	1	2	1	2	1	1	0	0	13	0.99
172	SKIN MELAN	0	0	0	0	0	0	1	0	1	1	2	0	0	1	0	0	0	6	0.46
173	SKIN OTHER	1	0	0	0	0	0	2	2	0	4	2	4	0	1	2	1	0	19	1.45
175	BREAST MAL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.08
185	PROSTATE	0	0	0	0	0	1	0	0	0	0	1	2	4	4	7	6	0	25	1.91
186	TESTIS	0	0	0	0	1	2	2	1	1	1	0	1	0	0	0	0	0	9	0.69
187	PENIS ETC	0	0	0	0	0	0	2	2	1	4	6	1	8	4	1	2	0	31	2.36
188	URI BLADDE	0	0	0	0	0	1	2	0	1	2	2	1	6	6	4	6	0	31	2.36
189	KIDNEY	4	0	0	0	0	0	0	0	3	3	2	1	4	2	0	0	0	19	1.45
190	EYE	3	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	6	0.46
191	BRAIN	0	1	5	2	4	4	4	3	5	4	4	3	1	2	0	0	0	42	3.20
192	NERVOUS SY	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.08
193	THYROID GL	0	0	0	0	0	0	0	0	0	0	1	0	4	0	2	0	0	7	0.53
194	OTH ENDO G	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.08
195	ILL DEF SI	0	0	0	1	0	0	1	0	0	0	3	1	0	0	1	0	0	7	0.53
196	SEC LYMPH	0	0	1	0	0	2	0	0	1	3	9	4	0	4	2	2	0	28	2.14
197	SEC RES ET	0	0	0	0	0	0	1	1	3	1	3	1	3	3	6	0	0	22	1.68
198	SEC OTHER	0	0	0	0	0	0	0	0	1	1	1	2	2	1	2	1	0	11	0.84
199	PRIM UNK	0	0	0	0	0	0	0	0	0	0	2	4	0	1	1	2	0	10	0.76
200	LYMPHOSARC	2	0	2	0	0	0	1	0	0	3	1	2	0	0	0	0	0	11	0.84
201	HODGKINS D	0	3	6	4	1	4	5	2	1	1	1	1	1	1	1	0	0	32	2.44
202	OTH LYMPHO	1	3	1	1	3	4	4	2	2	2	5	6	2	4	0	1	0	41	3.13
203	MULT MYELO	0	0	0	0	0	0	1	0	1	0	1	1	0	2	0	0	0	6	0.46
204	LEUK LYMPH	5	3	0	2	1	1	0	1	0	0	1	0	0	1	1	0	0	16	1.22
205	LEUK MYELO	3	0	2	0	1	3	0	0	1	1	4	2	0	1	1	1	0	20	1.53
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	4	0	0	0	1	0	1	0	1	0	1	0	9	0.69
	TOTAL	22	15	21	15	14	42	44	48	88	130	199	196	178	136	108	55	0	1311	100.00
	%	1.7	1.1	1.6	1.1	1.1	3.2	3.4	3.7	6.7	9.9	15.2	15.0	13.6	10.4	8.2	4.2	0.0	100.0	

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALES YEAR : 1987

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	1	1	0	0	0	1	0	0	4	0.24
141	TONGUE	0	0	0	0	1	0	2	0	2	3	4	0	1	3	2	1	0	19	1.14
142	SALIVARY G	0	0	0	1	0	0	0	1	5	2	2	0	0	1	0	0	0	12	0.72
143	GUM	0	0	0	0	0	0	0	1	1	4	4	2	4	0	3	2	0	21	1.26
144	FLOOR OF M	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	2	0.12
145	OTHER MOUT	0	0	0	0	0	1	2	5	7	7	12	8	18	9	8	4	0	81	4.85
146	OROPHARYNX	0	0	0	0	0	0	2	0	1	0	0	2	1	0	0	0	0	6	0.36
147	NASOPHARYN	0	0	0	0	1	0	0	0	0	0	0	1	2	0	0	0	0	4	0.24
148	HYPOPHARYN	0	0	0	1	0	3	2	2	2	5	4	3	2	0	1	0	0	25	1.50
149	PHARYNX ET	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	4	0.24
150	OESOPHAGUS	0	0	0	0	1	1	2	5	8	10	9	13	13	6	3	3	0	74	4.43
151	STOMACH	0	0	0	0	1	3	4	6	13	8	12	13	12	4	4	5	0	85	5.09
152	SMALL INTE	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.06
153	COLON	0	0	0	0	0	0	1	0	0	2	3	2	3	1	3	2	0	17	1.02
154	RECTUM	0	0	0	0	0	2	1	4	4	1	3	2	2	7	1	1	0	28	1.68
155	LIVER	0	0	0	0	0	0	0	0	2	0	3	0	0	1	0	1	0	7	0.42
156	GALL BALDD	0	0	0	0	0	0	0	0	1	2	0	2	0	1	0	0	0	6	0.36
157	PANCREAS	0	0	0	0	0	0	0	0	0	0	2	2	2	3	5	1	0	15	0.90
158	RETROPERIT	1	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	4	0.24
159	OTHER DIS	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.06
160	NASAL CAVI	0	0	0	0	2	1	0	0	1	0	0	0	2	1	1	0	0	8	0.48
161	LARYNX	0	0	0	0	0	0	0	0	1	1	2	0	0	1	2	0	0	7	0.42
162	LUNG	0	0	0	0	0	0	0	4	2	2	3	1	1	2	1	1	0	17	1.02
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	3	2	1	0	0	0	1	0	0	0	0	1	0	0	0	0	8	0.48
171	CONNECTIVE	0	1	1	0	0	1	0	0	1	2	1	0	1	2	0	0	0	10	0.60
172	SKIN MELAN	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	3	0.18
173	SKIN OTHER	0	0	0	0	0	0	2	1	3	3	2	1	3	0	0	4	0	19	1.14
174	BREAST FEM	0	0	0	0	3	12	10	34	30	34	44	30	23	21	10	9	0	260	15.57
179	UTERINE UN	0	0	0	0	0	2	0	2	1	3	3	1	2	1	0	0	0	15	0.90
180	CERVIX UTE	0	0	0	0	1	10	30	54	92	105	101	76	58	30	15	9	0	581	34.79
181	PLACENTA	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2	0.12
182	BODY UTERU	0	0	0	0	0	0	0	1	4	4	6	5	5	0	1	2	0	28	1.68
183	OVARY	0	0	0	2	2	8	3	7	8	9	11	13	5	5	2	2	0	77	4.61
184	VAGINA	0	0	0	0	0	1	2	1	1	7	4	6	7	3	4	0	0	36	2.16
188	URI BLADDE	0	0	0	0	0	0	0	0	0	1	1	0	2	1	0	0	0	5	0.30
189	KIDNEY	3	0	1	0	1	0	0	0	0	0	1	0	1	1	0	0	0	8	0.48
190	EYE	4	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	7	0.42
191	BRAIN	2	3	2	1	1	2	1	1	1	2	2	3	3	1	0	0	0	25	1.50
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	0	1	3	3	4	2	3	2	0	2	0	0	0	0	21	1.26
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	2	0	0	1	1	0	2	0	2	0	0	0	0	8	0.48
196	SEC LYMPH	0	0	0	1	0	0	1	1	1	3	2	0	2	0	0	1	0	12	0.72
197	SEC RES ET	0	0	0	0	1	1	1	0	3	1	1	1	0	1	0	2	0	12	0.72
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	4	0	0	1	0	0	0	5	0.30
199	PRIM UNK	0	0	0	0	1	0	0	0	1	2	0	3	0	2	0	2	0	11	0.66
200	LYMPHOSARC	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	2	0.12
201	HODGKINS D	0	1	0	2	3	3	1	0	0	1	1	0	0	0	0	0	0	12	0.72
202	OTH LYMPHO	0	0	3	0	0	2	2	1	1	0	2	2	0	0	0	0	0	13	0.78
203	MULT MYELO	0	0	0	0	0	0	0	0	0	1	2	2	2	0	0	1	0	8	0.48
204	LEUK LYMPH	4	6	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.78
205	LEUK MYELO	0	1	0	2	0	2	2	1	3	1	0	2	0	0	1	1	0	16	0.96
206	LEUK MONOC	0	1	0	0	0	0	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	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	4	0.24
	TOTAL	14	18	12	12	26	58	76	139	204	234	262	198	184	111	68	54	0	1670	100.00
	%	0.8	1.1	0.7	0.7	1.6	3.5	4.6	8.3	12.2	14.0	15.7	11.9	11.0	6.6	4.1	3.2	0.0	100.0	

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALES YEAR : 1987

AVERAGE ANNUAL AGE-SPECIFIC , WORLD AGE-ADJUSTED AND TRUNCATED (35-64 YEARS) - INCÍDENCE 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	0.6	0.0	0.9	0.0	0.0	1.8	0.0	4.0	5.2	6.0	0.3	0.5	0.4
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.6	3.8	1.8	4.1	20.2	24.5	28.7	23.9	20.7	0.0	3.3	4.9	12.0
142 SALIVARY	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.8	0.9	1.0	1.3	1.8	2.2	4.0	5.2	0.0	0.5	0.7	1.2
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.3	5.3	8.8	4.0	5.2	6.0	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	0.0	1.0	0.0	3.5	8.8	0.0	10.4	0.0	0.5	0.8	1.8
145 OTHER MO	0.5	0.0	0.5	0.0	0.0	0.0	0.0	1.5	4.4	10.3	9.4	19.3	33.1	43.8	36.3	11.9	3.7	5.9	11.4
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.8	2.1	4.0	15.8	13.2	0.0	5.2	17.9	1.4	2.1	5.1
147 NASOPHAR	0.0	0.0	0.5	0.0	0.0	0.0	1.3	0.0	0.0	1.0	1.3	3.5	0.0	0.0	0.0	0.0	0.4	0.4	0.9
148 HYPOPHAR	0.0	0.0	0.0	0.0	0.0	0.5	1.9	1.5	2.6	12.4	22.9	24.5	19.9	31.9	46.6	17.9	4.1	6.3	12.6
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.9	5.2	0.0	1.8	2.2	4.0	5.2	0.0	0.6	0.8	2.0
150 OESOPHAG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	5.3	14.5	32.3	26.3	37.5	51.8	67.4	35.8	5.6	9.1	17.6
151 STOMACH	0.0	0.5	0.0	0.0	0.0	2.2	2.6	5.3	15.8	24.8	36.3	43.8	64.0	71.7	72.6	35.8	9.1	13.6	28.7
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	1.8	0.0	4.0	0.0	0.0	0.1	0.2	0.2
153 COLON	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	0.0	1.0	5.4	5.3	4.4	4.0	5.2	11.9	0.8	1.3	2.3
154 RECTUM	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	3.5	2.1	6.7	5.3	15.5	15.9	15.5	0.0	1.5	2.4	4.8
155 LIVER	0.0	0.9	0.0	0.0	0.0	0.0	1.3	1.5	3.5	5.2	5.4	8.8	8.8	8.0	15.5	0.0	1.7	2.3	5.1
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	3.5	0.0	11.9	10.4	6.0	0.5	0.9	0.6
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.5	0.6	0.8	0.0	1.0	6.7	5.3	6.6	11.9	5.2	0.0	1.0	1.5	3.0
158 RETROPER	0.0	0.0	0.0	0.0	0.0	1.1	0.0	0.8	0.9	0.0	0.0	3.5	0.0	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	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	1.1	0.0	0.8	1.8	0.0	0.0	1.8	2.2	0.0	5.2	6.0	0.5	0.6	1.0
161 LARYNX	0.0	0.0	0.0	0.5	0.0	0.5	0.0	0.8	4.4	4.1	9.4	21.0	19.9	27.9	25.9	11.9	2.8	4.3	8.6
162 LUNG	0.0	0.5	0.0	0.0	0.0	0.5	1.3	3.0	9.6	8.3	31.0	43.8	33.1	47.8	20.7	23.9	5.6	8.4	19.0
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4
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	5.2	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	0.0	0.9	1.0	0.5	0.0	0.0	0.0	0.0	1.0	0.0	1.8	2.2	8.0	0.0	0.0	0.5	0.7	0.7
171 CONNECTI	0.0	0.0	0.0	0.5	0.0	1.1	0.6	0.8	0.0	1.0	2.7	1.8	4.4	4.0	5.2	0.0	0.7	0.9	1.6
172 SKIN MEL	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	1.0	2.7	0.0	0.0	4.0	0.0	0.0	0.3	0.4	0.8
173 SKIN OTH	0.5	0.0	0.0	0.0	0.0	0.0	1.3	1.5	0.0	4.1	2.7	7.0	0.0	4.0	10.4	6.0	1.0	1.3	2.4
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	4.0	0.0	0.0	0.1	0.1	0.0
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.3	3.5	8.8	15.9	36.3	35.8	1.3	2.5	1.8
186 TESTIS	0.0	0.0	0.0	0.0	0.5	1.1	1.3	0.8	0.9	1.0	0.0	1.8	0.0	0.0	0.0	0.0	0.5	0.4	0.7
187 PENIS ET	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.5	0.9	4.1	8.1	1.8	17.7	15.9	5.2	11.9	1.6	2.5	5.1
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.5	1.3	0.0	0.9	2.1	2.7	1.8	13.2	23.9	20.7	35.8	1.6	2.9	2.9
189 KIDNEY	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.6	3.1	2.7	1.8	8.8	8.0	0.0	0.0	1.0	1.4	2.9
190 EYE	1.6	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	5.2	0.0	0.3	0.4	0.2
191 BRAIN	0.0	0.5	2.3	1.0	2.0	2.2	2.6	2.3	4.4	4.1	5.4	5.3	2.2	8.0	0.0	0.0	2.1	2.3	3.9
192 NERVOUS	0.0	0.0	0.0	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	0.1	0.0	0.1
193 THYROID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	8.8	0.0	10.4	0.0	0.4	0.6	1.4
194 OTH ENDO	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	0.0	0.1	0.1	0.0
195 ILL DEF	0.0	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.0	0.0	4.0	1.8	0.0	0.0	5.2	0.0	0.4	0.5	0.9
196 SEC LYMP	0.0	0.0	0.5	0.0	0.0	1.1	0.0	0.0	0.9	3.1	12.1	7.0	0.0	15.9	10.4	11.9	1.4	2.2	3.6
197 SEC RES	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.8	2.6	1.0	4.0	1.8	6.6	11.9	31.1	0.0	1.1	1.8	2.6
198 SEC OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.0	1.3	3.5	4.4	4.0	10.4	6.0	0.6	0.9	1.6
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7	7.0	0.0	4.0	5.2	11.9	0.5	0.9	1.3
200 LYMPHOSA	1.1	0.0	0.9	0.0	0.0	0.0	0.6	0.0	0.0	3.1	1.3	3.5	0.0	0.0	0.0	0.0	0.6	0.6	1.3
201 HODGKINS	0.0	1.4	2.7	2.0	0.5	2.2	3.2	1.5	0.9	1.0	1.3	1.8	2.2	4.0	5.2	0.0	1.6	1.6	1.4
202 OTH LYMP	0.5	1.4	0.5	0.5	1.5	2.2	2.6	1.5	1.8	2.1	6.7	10.5	4.4	15.9	0.0	6.0	2.1	2.6	4.0
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.9	0.0	1.3	1.8	0.0	8.0	0.0	0.0	0.3	0.5	0.6
204 LEUK LYM	2.6	1.4	0.0	1.0	0.5	0.5	0.0	0.8	0.0	0.0	1.3	0.0	0.0	4.0	5.2	0.0	0.8	1.0	0.4
205 LEUK MYE	1.6	0.0	0.9	0.0	0.5	1.6	0.0	0.0	0.9	1.0	5.4	3.5	0.0	4.0	5.2	6.0	1.0	1.3	1.7
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	0.0	0.0	0.0	0.0	0.0	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	0.0	0.0	2.2	0.0	0.0	0.0	1.0	0.0	1.8	0.0	4.0	0.0	6.0	0.5	0.6	0.4
TOTAL	11.6	6.9	9.5	7.5	6.9	22.6	28.2	36.4	77.1	134.4	267.8	343.7	393.0	541.7	559.7	328.5	67.1	99.4	186.2

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALE YEAR : 1987

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

ICD	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
9TH		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
141	TONGUE	15	78.95	0	0.00	4	21.05	0	0.00	0	0.00	19	100.00
142	SALIVARY GLANDS	8	66.67	1	8.33	2	16.67	0	0.00	1	8.33	12	100.00
143	GUM	13	61.90	0	0.00	8	38.10	0	0.00	0	0.00	21	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	53	65.43	0	0.00	25	30.86	0	0.00	3	3.70	81	100.00
146	OROPHARYNX	4	66.67	0	0.00	1	16.67	0	0.00	1	16.67	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	22	88.00	0	0.00	2	8.00	1	4.00	0	0.00	25	100.00
149	PHARYNX ETC	2	50.00	0	0.00	1	25.00	0	0.00	1	25.00	4	100.00
150	OESOPHAGUS	51	68.92	4	5.41	4	5.41	12	16.22	3	4.05	74	100.00
151	STOMACH	40	47.06	4	4.71	6	7.06	21	24.71	14	16.47	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	52.94	1	5.88	2	11.76	2	11.76	3	17.65	17	100.00
154	RECTUM	23	82.14	0	0.00	4	14.29	1	3.57	0	0.00	28	100.00
155	LIVER	1	14.29	2	28.57	0	0.00	0	0.00	4	57.14	7	100.00
156	GALL BALDDER	5	83.33	0	0.00	0	0.00	0	0.00	1	16.67	6	100.00
157	PANCREAS	2	13.33	7	46.67	0	0.00	4	26.67	2	13.33	15	100.00
158	RETROPERITONEUM	3	75.00	1	25.00	0	0.00	0	0.00	0	0.00	4	100.00
159	OTHER DIS SYS	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
160	NASAL CAVITY	6	75.00	1	12.50	1	12.50	0	0.00	0	0.00	8	100.00
161	LARYNX	5	71.43	0	0.00	1	14.29	0	0.00	1	14.29	7	100.00
162	LUNG	7	41.18	3	17.65	1	5.88	4	23.53	2	11.76	17	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	7	87.50	0	0.00	1	12.50	0	0.00	0	0.00	8	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	2	66.67	0	0.00	0	0.00	0	0.00	1	33.33	3	100.00
173	SKIN OTHER	18	94.74	0	0.00	1	5.26	0	0.00	0	0.00	19	100.00
174	BREAST FEM	187	71.92	3	1.15	59	22.69	0	0.00	11	4.23	260	100.00
179	UTERINE UNS	4	26.67	0	0.00	6	40.00	2	13.33	3	20.00	15	100.00
180	CERVIX UTERI	476	81.93	1	0.17	93	16.01	0	0.00	11	1.89	581	100.00
181	PLACENTA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
182	BODY UTERUS	25	89.29	0	0.00	3	10.71	0	0.00	0	0.00	28	100.00
183	OVARY	63	81.82	1	1.30	9	11.69	3	3.90	1	1.30	77	100.00
184	VAGINA	24	66.67	0	0.00	11	30.56	0	0.00	1	2.78	36	100.00
188	URI BLADDER	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
189	KIDNEY	6	75.00	1	12.50	1	12.50	0	0.00	0	0.00	8	100.00
190	EYE	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
191	BRAIN	22	88.00	2	8.00	0	0.00	0	0.00	1	4.00	25	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	18	85.71	2	9.52	0	0.00	0	0.00	1	4.76	21	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	4	50.00	0	0.00	1	12.50	0	0.00	3	37.50	8	100.00
196	SEC LYMPH NODES	9	75.00	0	0.00	3	25.00	0	0.00	0	0.00	12	100.00
197	SEC RES ETC	3	25.00	9	75.00	0	0.00	0	0.00	0	0.00	12	100.00
198	SEC OTHER	2	40.00	2	40.00	0	0.00	0	0.00	1	20.00	5	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00	11	100.00
200	LYMPHOSARCOMA	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
201	HODGKINS DIS	11	91.67	0	0.00	0	0.00	0	0.00	1	8.33	12	100.00
202	OTH LYMPHOMA	12	92.31	0	0.00	0	0.00	0	0.00	1	7.69	13	100.00
203	MULT MYELOMA	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	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	15	93.75	0	0.00	0	0.00	0	0.00	1	6.25	16	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	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
ALL SITES TOTALS		1237		45		251		50		87		1670	
%		74.07		2.69		15.03		2.99		5.21		100.00	

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALES

CUMULATIVE RISK (PER CENT) YEAR : 1987

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.03	0.02	0.06
141	TONGUE	0.00	0.00	0.53	0.42	0.64
142	SALIVARY GLANDS	0.00	0.00	0.06	0.04	0.09
143	GUM	0.00	0.00	0.10	0.08	0.13
144	FLOOR OF MOUTH	0.00	0.00	0.07	0.07	0.12
145	OTHER MOUTH	0.00	0.00	0.61	0.39	0.79
146	OROPHARYNX	0.00	0.00	0.18	0.19	0.21
147	NASOPHARYNX	0.00	0.01	0.03	0.04	0.04
148	HYPOPHARYNX	0.00	0.01	0.58	0.43	0.82
149	PHARYNX ETC	0.00	0.00	0.08	0.06	0.10
150	OESOPHAGUS	0.00	0.00	0.84	0.59	1.18
151	STOMACH	0.00	0.02	1.30	0.97	1.68
152	SMALL INTESTINE	0.00	0.00	0.03	0.01	0.03
153	COLON	0.00	0.01	0.10	0.09	0.13
154	RECTUM	0.00	0.01	0.24	0.17	0.33
155	LIVER	0.00	0.01	0.21	0.18	0.29
156	GALL BLADDER	0.00	0.00	0.08	0.02	0.13
157	PANCREAS	0.00	0.01	0.16	0.11	0.19
158	RETROPERITONEUM	0.00	0.01	0.03	0.03	0.03
159	OTHER DIS SYS	0.00	0.00	0.00	0.00	0.00
160	NASAL CAVITY	0.00	0.01	0.03	0.04	0.06
161	LARYNX	0.00	0.01	0.44	0.30	0.57
162	LUNG	0.00	0.01	0.88	0.65	0.99
163	PLEURA	0.00	0.00	0.01	0.01	0.01
164	THYMUS	0.00	0.00	0.00	0.00	0.03
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.01	0.06	0.04	0.08
171	CONNECTIVE TISS	0.00	0.01	0.07	0.06	0.11
172	SKIN MELANOMA	0.00	0.00	0.04	0.03	0.05
173	SKIN OTHER	0.00	0.01	0.10	0.09	0.16
175	BREAST MALE	0.00	0.00	0.02	0.00	0.02
185	PROSTATE	0.00	0.00	0.15	0.07	0.33
186	TESTIS	0.00	0.01	0.02	0.04	0.04
187	PENIS ETC	0.00	0.01	0.25	0.18	0.28
188	URI BLADDER	0.00	0.01	0.22	0.11	0.33
189	KIDNEY	0.01	0.00	0.13	0.11	0.15
190	EYE	0.01	0.00	0.01	0.02	0.04
191	BRAIN	0.01	0.04	0.16	0.17	0.21
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.00	0.05	0.05	0.10
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.01	0.03	0.03	0.06
196	SEC LYMPH NODES	0.00	0.01	0.19	0.12	0.25
197	SEC RES ETC	0.00	0.00	0.14	0.09	0.30
198	SEC OTHER	0.00	0.00	0.08	0.06	0.13
199	PRIM UNK	0.00	0.00	0.07	0.05	0.09
200	LYMPHOSARCOMA	0.01	0.00	0.04	0.05	0.05
201	HODGKINS DIS	0.02	0.04	0.06	0.10	0.15
202	OTH LYMPHOMA	0.01	0.03	0.21	0.18	0.26
203	MULT MYELOMA	0.00	0.00	0.06	0.02	0.06
204	LEUK LYMPHATIC	0.02	0.01	0.03	0.04	0.09
205	LEUK MYELOID	0.01	0.01	0.07	0.08	0.12
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	0.03	0.03	0.05
	ALL SITES	0.14	0.33	8.58	6.51	11.10

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALES

CUMULATIVE RISK (PER CENT) YEAR : 1987

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.02	0.02	0.04
141	TONGUE	0.00	0.01	0.13	0.08	0.18
142	SALIVARY GLANDS	0.00	0.00	0.08	0.06	0.08
143	GUM	0.00	0.00	0.13	0.13	0.20
144	FLOOR OF MOUTH	0.00	0.00	0.03	0.01	0.03
145	OTHER MOUTH	0.00	0.01	0.63	0.48	0.84
146	OROPHARYNX	0.00	0.01	0.04	0.05	0.05
147	NASOPHARYNX	0.00	0.00	0.03	0.03	0.03
148	HYPOPHARYNX	0.00	0.02	0.13	0.15	0.18
149	PHARYNX ETC	0.00	0.00	0.03	0.03	0.03
150	OESOPHAGUS	0.00	0.01	0.58	0.48	0.66
151	STOMACH	0.00	0.03	0.57	0.53	0.70
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.01
153	COLON	0.00	0.00	0.11	0.09	0.18
154	RECTUM	0.00	0.01	0.24	0.12	0.27
155	LIVER	0.00	0.00	0.05	0.03	0.05
156	GALL BLADDER	0.00	0.00	0.06	0.04	0.06
157	PANCREAS	0.00	0.00	0.11	0.06	0.23
158	RETROPERITONEUM	0.00	0.00	0.02	0.02	0.02
159	OTHER DIS SYS	0.00	0.00	0.01	0.01	0.01
160	NASAL CAVITY	0.00	0.01	0.05	0.03	0.08
161	LARYNX	0.00	0.00	0.04	0.03	0.09
162	LUNG	0.00	0.00	0.12	0.08	0.14
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	0.01	0.00	0.01	0.03	0.03
171	CONNECTIVE TISS	0.00	0.00	0.07	0.04	0.08
172	SKIN MELANOMA	0.00	0.00	0.02	0.02	0.02
173	SKIN OTHER	0.00	0.01	0.10	0.10	0.10
174	BREAST FEM	0.00	0.08	1.78	1.47	2.09
179	UTERINE UNS	0.00	0.01	0.10	0.09	0.11
180	CERVIX UTERI	0.00	0.15	4.02	3.63	4.51
181	PLACENTA	0.00	0.00	0.00	0.00	0.00
182	BODY UTERUS	0.00	0.00	0.20	0.20	0.23
183	OVARY	0.00	0.04	0.49	0.44	0.58
184	VAGINA	0.00	0.01	0.28	0.23	0.38
188	URI BLADDER	0.00	0.00	0.05	0.04	0.05
189	KIDNEY	0.01	0.00	0.04	0.03	0.05
190	EYE	0.01	0.00	0.00	0.02	0.02
191	BRAIN	0.02	0.01	0.12	0.13	0.15
192	NERVOUS SYSTEM	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.02	0.08	0.11	0.11
194	OTH ENDO GLANDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.05	0.05	0.05
196	SEC LYMPH NODES	0.00	0.01	0.06	0.07	0.07
197	SEC RES ETC	0.00	0.01	0.06	0.05	0.07
198	SEC OTHER	0.00	0.00	0.05	0.03	0.05
199	PRIM UNK	0.00	0.00	0.09	0.05	0.09
200	LYMPHOSARCOMA	0.00	0.00	0.01	0.01	0.01
201	HODGKINS DIS	0.00	0.02	0.01	0.04	0.04
202	OTH LYMPHOMA	0.01	0.01	0.05	0.07	0.07
203	MULT MYELOMA	0.00	0.00	0.06	0.06	0.06
204	LEUK LYMPHATIC	0.03	0.00	0.00	0.03	0.03
205	LEUK MYELOID	0.00	0.02	0.05	0.07	0.09
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	0.04
	ALL SITES	0.11	0.55	10.60	9.34	12.06

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALE YEAR : 1987

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

ICD 9TH	SITE	MICROSCOPIC n	MICROSCOPIC %	X-RAY n	X-RAY %	CLINICAL ONLY n	CLINICAL ONLY %	OTHERS n	OTHERS %	D.C.O. n	D.C.O. %	TOTALS n	TOTALS %
140	LIP	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
141	TONGUE	48	75.00	0	0.00	14	21.88	0	0.00	2	3.13	64	100.00
142	SALIVARY GLANDS	6	66.67	0	0.00	2	22.22	0	0.00	1	11.11	9	100.00
143	GUM	9	75.00	0	0.00	3	25.00	0	0.00	0	0.00	12	100.00
144	FLOOR OF MOUTH	8	88.89	0	0.00	1	11.11	0	0.00	0	0.00	9	100.00
145	OTHER MOUTH	51	70.83	0	0.00	21	29.17	0	0.00	0	0.00	72	100.00
146	OROPHARYNX	21	77.78	0	0.00	6	22.22	0	0.00	0	0.00	27	100.00
147	NASOPHARYNX	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
148	HYPOPHARYNX	68	83.95	1	1.23	8	9.88	1	1.23	3	3.70	81	100.00
149	PHARYNX ETC	7	58.33	0	0.00	2	16.67	0	0.00	3	25.00	12	100.00
150	OESOPHAGUS	76	69.09	8	7.27	7	6.36	15	13.64	4	3.64	110	100.00
151	STOMACH	103	58.19	4	2.26	16	9.04	39	22.03	15	8.47	177	100.00
152	SMALL INTESTINE	0	0.00	1	50.00	0	0.00	0	0.00	1	50.00	2	100.00
153	COLON	10	62.50	1	6.25	0	0.00	3	18.75	2	12.50	16	100.00
154	RECTUM	25	83.33	0	0.00	3	10.00	1	3.33	1	3.33	30	100.00
155	LIVER	23	69.70	3	9.09	2	6.06	0	0.00	5	15.15	33	100.00
156	GALL BALDDER	7	77.78	0	0.00	2	22.22	0	0.00	0	0.00	9	100.00
157	PANCREAS	6	31.58	4	21.05	6	31.58	3	15.79	0	0.00	19	100.00
158	RETROPERITONEUM	4	66.67	0	0.00	1	16.67	0	0.00	1	16.67	6	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	7	77.78	0	0.00	2	22.22	0	0.00	0	0.00	9	100.00
161	LARYNX	42	77.78	0	0.00	7	12.96	1	1.85	4	7.41	54	100.00
162	LUNG	63	57.27	18	16.36	5	4.55	13	11.82	11	10.00	110	100.00
163	PLEURA	2	100.00	0	0.00	0	0.00	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	8	80.00	1	10.00	1	10.00	0	0.00	0	0.00	10	100.00
171	CONNECTIVE TISS	12	92.31	0	0.00	1	7.69	0	0.00	0	0.00	13	100.00
172	SKIN MELANOMA	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
173	SKIN OTHER	18	94.74	0	0.00	1	5.26	0	0.00	0	0.00	19	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	14	56.00	1	4.00	10	40.00	0	0.00	0	0.00	25	100.00
186	TESTIS	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
187	PENIS ETC	23	74.19	0	0.00	8	25.81	0	0.00	0	0.00	31	100.00
188	URI BLADDER	26	83.87	0	0.00	2	6.45	1	3.23	2	6.45	31	100.00
189	KIDNEY	13	68.42	2	10.53	3	15.79	1	5.26	0	0.00	19	100.00
190	EYE	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
191	BRAIN	36	85.71	3	7.14	1	2.38	0	0.00	2	4.76	42	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	4	57.14	0	0.00	3	42.86	0	0.00	0	0.00	7	100.00
194	OTH ENDO GLANDS	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
195	ILL DEF SITES	3	42.86	1	14.29	2	28.57	0	0.00	1	14.29	7	100.00
196	SEC LYMPH NODES	24	85.71	0	0.00	4	14.29	0	0.00	0	0.00	28	100.00
197	SEC RES ETC	5	22.73	13	59.09	3	13.64	0	0.00	1	4.55	22	100.00
198	SEC OTHER	5	45.45	3	27.27	0	0.00	0	0.00	3	27.27	11	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00	10	100.00
200	LYMPHOSARCOMA	11	100.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
201	HODGKINS DIS	32	100.00	0	0.00	0	0.00	0	0.00	0	0.00	32	100.00
202	OTH LYMPHOMA	37	90.24	0	0.00	2	4.88	0	0.00	2	4.88	41	100.00
203	MULT MYELOMA	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
204	LEUK LYMPHATIC	16	100.00	0	0.00	0	0.00	0	0.00	0	0.00	16	100.00
205	LEUK MYELOID	19	95.00	0	0.00	0	0.00	0	0.00	1	5.00	20	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	6	66.67	0	0.00	1	11.11	0	0.00	2	22.22	9	100.00
ALL SITES TOTALS		940		64		152		78		77		1311	
%		71.70		4.88		11.59		5.95		5.87		100.00	

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALES YEAR : 1987

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	1.2	1.5	0.0	0.0	0.0	4.9	0.0	0.2	0.3	0.7
141 TONGUE	0.0	0.0	0.0	0.0	0.5	0.0	1.6	0.0	2.2	3.6	6.0	0.0	2.2	11.1	9.7	5.3	1.0	1.5	2.4
142 SALIVARY	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.8	5.5	2.4	3.0	0.0	0.0	3.7	0.0	0.0	0.6	0.8	2.2
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.1	4.8	6.0	4.2	8.6	0.0	14.6	10.7	1.1	1.7	3.9
144 FLOOR OF	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	3.7	0.0	0.0	0.1	0.2	0.2
145 OTHER MO	0.0	0.0	0.0	0.0	0.0	0.6	1.6	4.1	7.7	8.5	17.9	16.9	38.9	33.3	38.9	21.3	4.3	6.7	14.0
146 OROPHARY	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	1.1	0.0	0.0	4.2	2.2	0.0	0.0	0.0	0.3	0.4	1.0
147 NASOPHAR	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	2.1	4.3	0.0	0.0	0.0	0.2	0.3	0.8
148 HYPOPHAR	0.0	0.0	0.0	0.5	0.0	1.7	1.6	1.6	2.2	6.0	6.0	6.3	4.3	0.0	4.9	0.0	1.3	1.7	4.3
149 PHARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	1.5	2.1	0.0	0.0	0.0	0.0	0.2	0.3	1.0
150 OESOPHAG	0.0	0.0	0.0	0.0	0.5	0.6	1.6	4.1	8.8	12.1	13.5	27.5	28.1	22.2	14.6	16.0	4.0	5.9	14.2
151 STOMACH	0.0	0.0	0.0	0.0	0.5	1.7	3.1	4.9	14.3	9.7	17.9	27.5	25.9	14.8	19.4	26.7	4.6	6.5	15.4
152 SMALL IN	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	0.1	0.2
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.4	4.5	4.2	6.5	3.7	14.6	10.7	0.9	1.5	2.6
154 RECTUM	0.0	0.0	0.0	0.0	0.0	1.1	0.8	3.3	4.4	1.2	4.5	4.2	4.3	25.9	4.9	5.3	1.5	2.2	3.5
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	0.0	4.5	0.0	0.0	3.7	0.0	5.3	0.4	0.6	1.2
156 GALL BLA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.4	0.0	4.2	0.0	3.7	0.0	0.0	0.3	0.5	1.2
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	4.2	4.3	11.1	24.3	5.3	0.8	1.4	1.6
158 RETROPER	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.7
159 OTHER DI	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	0.1	0.2
160 NASAL CA	0.0	0.0	0.0	0.0	1.0	0.6	0.0	0.0	1.1	0.0	0.0	0.0	4.3	3.7	4.9	0.0	0.4	0.6	0.8
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.2	3.0	0.0	0.0	3.7	9.7	0.0	0.4	0.6	0.9
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.3	2.2	2.4	4.5	2.1	2.2	7.4	4.9	5.3	0.9	1.3	2.8
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	1.4	0.9	0.5	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.4	0.4	0.4
171 CONNECTI	0.0	0.5	0.5	0.0	0.0	0.6	0.0	0.0	1.1	2.4	1.5	0.0	2.2	7.4	0.0	0.0	0.5	0.7	1.2
172 SKIN MEL	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	1.2	0.0	2.1	0.0	0.0	0.0	0.0	0.2	0.2	0.5
173 SKIN OTH	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.8	3.3	3.6	3.0	2.1	6.5	0.0	0.0	21.3	1.0	1.5	3.1
174 BREAST F	0.0	0.0	0.0	0.0	1.5	6.6	7.8	27.8	33.1	41.1	65.8	63.5	49.7	77.6	48.6	48.0	14.0	19.3	45.0
179 UTERINE	0.0	0.0	0.0	0.0	0.0	1.1	0.0	1.6	1.1	3.6	4.5	2.1	4.3	3.7	0.0	0.0	0.8	1.1	2.8
180 CERVIX U	0.0	0.0	0.0	0.0	0.5	5.5	23.3	44.2	101.5	127.0	151.0	160.8	125.4	110.9	72.9	48.0	31.2	43.0	114.1
181 PLACENTA	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
182 BODY UTE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.4	4.8	9.0	10.6	10.8	0.0	4.9	10.7	1.5	2.2	6.2
183 OVARY	0.0	0.0	0.0	1.0	1.0	4.4	2.3	5.7	8.8	10.9	16.5	27.5	10.8	18.5	9.7	10.7	4.1	5.5	12.5
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.6	1.6	0.8	1.1	8.5	6.0	12.7	15.1	11.1	19.4	0.0	1.9	2.9	6.6
188 URI BLAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.5	0.0	4.3	3.7	0.0	0.0	0.3	0.4	1.0
189 KIDNEY	1.6	0.0	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.5	0.0	2.2	3.7	0.0	0.0	0.4	0.5	0.5
190 EYE	2.1	0.5	0.0	0.0	0.5	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.4	0.2
191 BRAIN	1.0	1.4	0.9	0.5	0.5	1.1	0.8	0.8	1.1	2.4	3.0	6.3	6.5	3.7	0.0	0.0	1.3	1.6	3.0
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	0.5	0.0	0.5	1.7	2.3	3.3	2.2	3.6	3.0	0.0	4.3	0.0	0.0	0.0	1.1	1.2	2.8
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	1.0	0.0	0.0	0.8	1.1	0.0	3.0	0.0	4.3	0.0	0.0	0.0	0.4	0.5	1.4
196 SEC LYMP	0.0	0.0	0.0	0.5	0.0	0.0	0.8	0.8	1.1	3.6	3.0	0.0	4.3	0.0	0.0	5.3	0.6	0.9	2.1
197 SEC RES	0.0	0.0	0.0	0.0	0.5	0.6	0.8	0.0	3.3	1.2	1.5	2.1	0.0	3.7	0.0	10.7	0.6	0.9	1.4
198 SEC OTHE	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	3.7	0.0	0.0	0.3	0.4	1.0
199 PRIM UNK	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.1	2.4	0.0	6.3	0.0	7.4	0.0	10.7	0.6	0.9	1.5
200 LYMPHOSA	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2.2	0.0	0.0	0.0	0.1	0.1	0.3
201 HODGKINS	0.0	0.5	0.0	1.0	1.5	1.7	0.8	0.0	0.0	1.2	1.5	0.0	0.0	0.0	0.0	0.0	0.6	0.6	0.5
202 OTH LYMP	0.0	0.0	1.4	0.0	0.0	1.1	1.6	0.8	1.1	0.0	3.0	4.2	0.0	0.0	0.0	0.0	0.7	0.7	1.4
203 MULT MYE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.0	4.2	4.3	0.0	0.0	5.3	0.4	0.7	1.8
204 LEUK LYM	2.1	2.8	0.9	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	0.7	0.7	0.0
205 LEUK MYE	0.0	0.5	0.0	1.0	0.0	1.1	1.6	0.8	3.3	1.2	0.0	4.2	0.0	0.0	4.9	5.3	0.9	1.0	1.6
206 LEUK MON	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
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	0.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2.2	3.7	0.0	0.0	0.2	0.3	0.3
TOTAL	7.3	8.3	5.6	5.9	12.7	32.0	59.0	113.8	225.1	283.1	391.8	418.9	397.7	410.2	330.6	288.0	89.6	124.1	289.0

PART II

HOSPITAL CANCER REGISTRIES

CONSOLIDATED REPORT

PREPARED BY

S. KRISHNAMURTHY & L.D. SANGHVI

HOSPITAL CANCER REGISTRY DATA

Brief Overview, 1987

The consolidated hospital cancer registry report for 1986 data was published in Jan. 1989 (1). This brief overview therefore focusses on 1987 data from the six HCRs viz., Chandigarh, Dibrugarh, Trivendrum grouped as general hospital registries, and Bangalore, Bombay, Madras as cancer centre registries, but includes some 1986 data for comparison. Salient activities that bear on these data viz., revision of the HCR proforma and development of a computer programme to clean the data are also reviewed.

Revised HCR Proforma

Results of data analysis necessarily reflect the quality of raw data which in turn, reflect the questions used to generate answers. Lacunae in the design of the existing questions have been felt for some time.

Revision of the HCR proforma has been proven to be a major time consuming task since it entails obtaining the ideas and opinion of everyone, from the junior most abstractor to the senior most WHO Consultant, in the project. The questionnaire is now being pretested, results should be finalised soon, and the form available for use in abstracting the 1990 data. Hopefully this form will stand the test of time and be used into the 21st century ! Suggestions on effective questionnaire design by Ms. J. Honghton, Clinical Trials Centre, London UK are gratefully acknowledged.

Checklist Computer Programme & Technology Transfer from TW to Registries

The registries have felt the need for a computer programme so they should clean their data themselves for long since 1982. The Technical Wing addressed itself to this task from June 1988. Staff who developed this were : Ms. C. Stewart, Ms. V. Krishnan directed by Dr. S. Krishnamurthy. A 400 line programme which rigorously checks the coding of all variables and cross checks for inconsistencies between data items has been developed and despatched to the registries in June 1989. Registries can now take responsibility to clean their own data with the TW playing a monitoring role, re-evaluating 10% or so of the data. This process has now begun.

The Patients, Diagnosis and Treatment of their Cancers

During 1987, a total of 24,576 new cancer cases were registered in cancer centre registries and 7,695 in general hospital registries. Sex-ratio in different registries varies and overall, males slightly exceed females (Table 1).

TABLE 1

NUMBER OF PATIENTS REGISTERED. ALL CANCERS HCRs, 1984 to 1987

Registry Type & Place	Sex	1984	1985	1986	1987	1984 to 87
General Hospital Registries						
Chandigarh	Male	1206	1143	1090	1180	4619
	Female	1220	1285	1325	1264	5094
	Persons	2426	2428	2415	2444	9713
Dibrugarh	Male	863	856	928	858	3505
	Female	335	355	385	386	1461
	Persons	1198	1211	1313	1244	4966
Trivandrum	Male	2097	2067	2297	2177	8638
	Female	1755	1790	1935	1830	7310
	Persons	3852	3857	4232	4007	15948
Sub-Total	Male	4166	4066	4315	4215	16762
	Female	3310	3430	3645	3480	13865
	Persons	7476	7496	7960	7695	30627
Cancer Centre Registries						
Bangalore	Male	2260	2757	2874	2806	10697
	Female	2733	3020	3152	3417	12322
	Persons	4993	5777	6026	6223	23019
Bombay	Male	5744	6537	6939	7476	26696
	Female	4871	5465	5508	5870	21714
	Persons	10615	12002	12447	13346	48410
Madras	Male	1807	1985	2046	2299	8137
	Female	2166	2359	2408	2708	9641
	Persons	3973	4344	4454	5007	17778
Sub-Total	Male	9811	11279	11859	12581'	45530
	Female	9770	10844	11068	11995	43677
	Persons	19581	22123	22927	24576	89207
TOTAL	Male	13977	15345	16174	16796	62292
	Female	13080	14274	14713	15475	57542
	Persons	27057	29619	30887	32271	119834

Microscopically diagnosed cancers range from 85 to 95 % of patients in all registries except one where value is 70 %. The median age of male cancer patients is between 52-55 years and around 50 in women (Table 2). This is about 10-15 years lower than the corresponding ages in western populations.

Table 2

ALL CANCER PATIENTS. MEASURES OF CENTRAL TENDAENCY OF AGE IN YEARS - HCRs, 1987.

Type of Registry	Males			Females		
	Mean	Median	Mode	Mean	Median	Mode
General Hospital Registries						
Chandigarh	48.7	52.0	52.7	48.6	50.1	52.5
Dibrugarh	52.2	53.2	52.4	47.6	49.1	52.2
Trivandrum	52.5	56.4	62.4	51.6	53.6	57.4
Cancer Centre Registries						
Bangalore	52.9	55.6	62.3	49.6	50.2	52.0
Bombay	49.8	52.7	57.4	48.3	49.0	47.7
Madras	51.3	53.9	62.1	49.2	49.7	47.8

The detailed analysis of the hospital data is based on cancer patients diagnosed and evaluated for cancer spread for the first time at the reporting hospitals. About 77% of cancer cases coming to general hospitals are in this category and abot 63 % receive cancer directed treatment. In cancer centres, about 70 % of the patients' cancers were evaluated for spread and about 40 % received cancer directed treatment (Table 3a & b).

TABLE 3a

ALL CANCERS PATIENTS ANALYSED FOR CANCER SPREAD AND TREATMENT HCRs, Males, 1986 & 1987

Patients Evaluated for EOD		Treated Patients			Total Patients		Patient Evaluated for EOD		Treated Patients	
1986	1987	1986	1987	Registry	1986	1987	1986	1987	1986	1987
				GENERAL HOSPITAL REGISTRIES						
862	974	711	732	Chandigarh	1090	1180	79	83	65	62
664	620	583	547	Dibrugarh	928	858	72	72	63	64
1840	1755	1442	1245	Trivandrum	2297	2177	80	81	63	57
				CANCER CENTRE REGISTRIES						
2185	1994	1280	1133	Bangalore	2874	2806	76	71	45	40
4395	4679	2593	2852	Bombay	6939	7476	63	63	37	38
1533	1673	849	737	Madras	2046	2299	75	73	41	32

TABLE 3b

ALL CANCERS

PATIENTS ANALYSED FOR CANCER SPREAD AND TREATMENT HCRs, Females, 1986 & 1987

Patients Evaluated for EOD		Treated Patients			Total Patients		Patient Evaluated for EOD		Treated Patients	
1986	1987	1986	18987	Registry	1986	1987	1986	1987	1986	1987
				GENERAL HOSPITAL REGISTRIES						
1042	996	888	748	Chandigarh	1325	1264	79	79	67	57
275	290	248	241	Dibrugarh	385	386	71	75	64	62
1436	1384	1206	1060	Trivandrum	1935	1830	74	76	62	58
				CANCER CENTRE REGISTRIES						
2588	2653	1413	1603	Bangalore	3152	3417	82	78	45	47
3370	3618	2170	2288	Bombay	5508	5870	61	62	39	41
2003	2255	1166	1181	Madras	2408	2708	83	83	48	44

Radiotherapy has a central place among the various modalities available to treat cancers in different hospitals. There is, however, a wide range of variation. The data on these modalities for different cancer sites and degree of spread of disease needs careful evaluation (Table 4).

TABLE 4

ALL CANCER PATIENTS TYPE OF TREATMENT RECEIVED HCRs, 1987

Chandigarh		Dibrugarh		Trivandrum		Type of	Bangalore		Bombay		Madras	
Male %	Female %	Male %	Female %	Male %	Female %	Treatment	Male %	Female %	Male %	Female %	Male %	Female %
14.6	10.8	9.7	24.0	6.0	7.4	Surgery (S)	7.8	4.0	21.9	21.1	6.9	2.1
44.9	55.5	81.4	53.3	62.2	61.4	Radiotherapy (R)	36.2	61.6	44.1	48.6	71.9	71.1
18.9	13.2	3.7	12.4	8.0	8.5	(S) + (R)	4.9	3.9	9.7	7.3	6.1	2.1
5.5	4.5	2.6	5.0	5.1	2.9	Chemotherapy (C)	24.2	13.4	10.4	5.8	3.5	2.7
3.1	3.7	1.8	3.3	2.0	2.2	(S) + (C)	3.6	2.6	3.3	6.1	1.9	0.5
7.1	2.1	0.7	2.1	14.1	8.4	(R) + (C)	19.6	7.4	8.6	3.1	7.3	8.5
3.0	4.4	0.2	0.0	1.5	3.0	(S) + (R) + C)	2.6	2.1	1.1	2.8	1.6	6.5
2.8	5.5	0.0	0.0	1.1	6.2	Others	1.2	4.8	0.8	5.2	0.5	6.6
732	748	547	242	1245	1060	Total No. of Cases Trated	1133	1603	2852	2388	737	1181

Tobacco Related Head and Neck Cancers

Analysis of head and neck cancers (ICD 9: 140-149) in the hospital registries according to the 4th digit code of the ICD9 has a significant effect on the ranking of common cancers particularly in men. Pharynx comes out as a leading cancer site in men in five out of six registries (Table 5). This is in contrast to the 3-digit classification which shows oral cavity as a leading cancer site in three out of six registeries, pharynx in two and lung in one registry. The major reason for such a change is the shift of base tongue cancers from the oral cavity to the oropharynx where they really belong. Since base tongue is identifiable only by the 4th digit ICD9 code, such classification is needed if oral cavity and pharynx, aetiologically and biologically different, are to be distinguished. Chewing tobacco causes oral cancer; bidi smoking is related to pharyngeal cancer.

Overall about 85-90% of oral and pharyngeal cancers are evaluated and more than 60% get cancer directed treatment. The proportion of patients treated is generally higher in general hospitals than in cancer centres; this is also reflected in the different categories of cancer spread.

Breast and Cervical Cancers :

Overall about 50% of breast cancer patients could be and were evaluated for cancer spread. Of these 40% received cancer directed treatment. In contrast almost 90% of cervical cancer patients could be and were evaluated and 60% wre treated. There are two major difference viz. (i) surgery is the first choice of traetment in breast cancer; (ii) surgical facilities are widely available outside reporting institutions so that breast cancer patients have often already had this before they come to reporting institutions; (iii) breast cancer is more common in upper socio-economic classes.

Pattern of treatment for breast and cervical cancer show a higher proportion of patients have been treated in general hospitals than in cancer centres in all the three categories (localised, regionally and distantly spread) of cancer spread. This proportion is highest for patients which localised cancers followed by regionally spraed cancers. Additional studies into patient noncompliance/compliance and of therapeutic facilities available outside reporting institutions are needed.

TABLE 5

LEADING CANCERS USING 1CD 9 - 3-DIGIT AND 4-DIGIT CLASSIFICATION CODES -HCRs, Males-1987

3-DIGIT		REGISTRY	4-DIGIT	
General Hospital				
Lung	(9.9)	Chandigarh	Pharynx	(12.2)
Oral Cavity	(9.8)		Lung	(9.9)
Pharynx			Larynx	
Oesophagus	(7.3)		Oesophagus	(3.5)
Larynx			Brain	(5.7)
Pharynx	(26.1)	Dibrugarh	Pharynx	(32.9)
Oesophagus	(19.7)		Oesophagus	(19.7)
Oral Cavity	(12.9)		Oral Cavity	(6.2)
Lung	(14.9)		Lung	(4.9)
Larynx	(5.5)		Larynx	(4.2)
Stomach			Stomach	
Oral Cavity	(22.6)	Trivandrum	Oral Cavity	(20.3)
Lung	(12.4)		Lung	(12.4)
Pharynx	(8.5)		Pharynx	(10.8)
Oesaphagus	(5.9)		Oesaphagus	(5.9)
Brain	(4.2)		Brain	(4.2)
Cancer Centre				
Pharynx	(15.1)	Bangalore	Pharynx	(20.5)
Oral Cavity	(14.8)		Oesophagus	(11.4)
Oesophagus	(11.4)		Oral Cavity	(9.4)
Lung	(8.3)		Lung	(8.3)
Stomach	(5.3)		Stomach	(5.3)
Oral Cavity	(18.6)	Bombay	Pharynx	(18.5)
Pharynx	(11.8)		Oral Cavity	(11.9)
Oesophagus	(7.7)		Oesophagus	(7.7)
Lung	(6.9)		Lung	(6.9)
Larynx	(6.7)		Larynx	(6.7)
Oral Cavity	(21.5)	Madras	Pharynx	(17.0)
Pharynx	(11.6)		Oral Cavity	(16.1)
Oesophagus	(9.3)		Oesophagus	(9.3)
Stomach	(7.7)		Stomach	(7.7)
Lung	(5.4)		Lung	(5.4)

Regional Cancer Registry— Expansion of the Hosital Registry into a Network :

Dibrugarh Hospital registry of Assam Medical College has taken initiative and provided additional data from the D.B. Barooah Cancer Institute at Guwahati. The data from these two sources in Assam complement each other. This is a welcome begining towards the development of a regional cancer registry composed of a group of registries in different hospitals.

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Reference :

1. *National Cancer Registry report for 1986; Indian Council of Medical Research, New Delhi, 1989.*