

ANNUAL REPORT 1985



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

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Indian Council of Medical Research,
New Delhi, 1988

ANNUAL REPORT

Cancer Registries provided individual core data.
Tabulations, statistical analysis and preparation
of this report is done primarily by Mr. D.K. Jain
at Co-ordinating Unit (Technical Wing)
of the National Cancer Registry, Bombay.



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NATIONAL CANCER REGISTRY

(A PROJECT OF INDIAN COUNCIL OF MEDICAL RESEARCH)

Dr. A.S. Paintal
Director-General

CO-ORDINATING UNIT

OPERATIONAL WING (NEW DELHI)

Dr. Usha K. Luthra
Project Director

Mr. A.K. Prabhakar
Assistant Director

Dr. K. Chaudhry
Senior Research Officer

TECHNICAL WING (BOMBAY)

Dr. L.D. Sanghvi
Consultant

Mr. D.K. Jain
*Assistant Director, &
Officer-in-Charge*

Dr. S. Krishnamurthy
Deputy Director

CANCER REGISTRIES - PROJECT CHIEFS

BANGALORE	PBCR & HCR*	Dr. M. Krishna Bhargava
BOMBAY	PBCR	Dr. D.J. Jussawalla
	HCR	Dr. P.B. Desai
MADRAS	PBCR & HCR*	Dr. V. Shanta
CHANDIGARH	HCR	Dr. B.D. Gupta
DIBRUGARH	HCR	Dr. M.A. Chowdhury
TRIVANDRUM	HCR	Dr. M. Krishnan Nair

STEERING COMMITTEE

Dr. S. Radhakrishna
Madras

Dr. I.K. Dhawan
New Delhi

Dr. Usha K. Luthra
New Delhi

Dr. L.D. Sanghvi
Bombay

W.H.O. CONSULTANTS

Dr. T. Hirayama
Japan

Dr. C.S. Muir (Until 1985)
Lyon

Dr. Matti Hakama
Finland

Dr. John L. Young, Jr. (1986)
U.S.A.

* Population-based Cancer Registry; Hospital Cancer Registry

ADDRESSES

CO-ORDINATING UNIT

OPERATIONAL WING

Indian Council of Medical Research
Ansari Nagar
New Delhi-110 029.

TECHNICAL WING

Tata Memorial Centre Annexe
9th floor, Room No. 915
Parel, Bombay-400 012.

CANCER REGISTRIES

BANGALORE : Kidwai Memorial Institute
of Oncology, Hosur Road
Bangalore -560 029.

CHANDIGARH : Post Graduate Institute
of Medical Research
Chandigarh-160 012.

BOMBAY : Bombay Cancer Registry
Indian Cancer Society
Parel, Bombay-400 012.
Tata Memorial Centre
Dr. Ernest Borges Marg,
Parel, Bombay-400 012.

DIBRUGARH : Assam Medical College
Dirbrugarh-786 002.

TRIVANDRUM : Regional Cancer Centre
Trivandram-695 011.

MADRAS : Cancer Institute (W.I.A.)
Adyar, Madras-600 020.

STEERING COMMITTEE

Dr. I.K. Dhawan
All India Institute
of Medical Sciences
New Delhi-110 029

Dr. S. Radhakrishna,
Institute for Research in
Medical Statistics (ICMR)
Madras-600 031

W.H.O. CONSULTANTS

Dr. T. Hirayama
Institute of Preventive Oncology,
H1 Building, 1st Floor,
1-2, Sadohara-Cho Khigaya,
Shinjuku, Tokyo 162, Japan.

Dr. Matti Hakama
Department of Public Health
University of Tampere, Box 607
SF 33101 Tampere, Finland.

Dr. C.S. Muir
International Agency for
Research on Cancer,
Lyon, France

Dr. John L. Young, Jr.
National Cancer Institute,
Bethesda, MD 20892-4200
U.S.A.

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PREFACE

The fourth report of the National Cancer Registry Project (NCRP) is being presented. Starting with only six registries in 1982, we have now 12 registries, including a rural cancer registry.

During 1985, the Population Based Cancer Registries and the Hospital Based Cancer Registries together have contributed information on more than 30,000 cancer cases. The population based cancer registries now cover more than 16 million people.

Analysis shows that we have a cancer load which is largely preventable or early detectable. Anti-tobacco action and augmenting & popularising Pap Smear testing facilities would need stronger support.

The data generated have guided in planning the multicentric clinical trial on cancer of the buccal mucosa with Bombay, Delhi and Trivandrum as collaborating centres.

Epidemiologic studies on cancers of the oesophagus, stomach, and cervix have been initiated at Bombay, Bangalore, Dibrugarh, Madras, Trivandrum & Delhi.

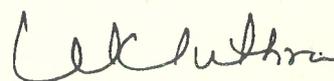
Feasibility of undertaking primary prevention and early detection of oral cancers and precancers utilizing the existing health infrastructure is being tested at Bangalore, Goa, Agra and Trivandrum.

The registries have to expand to encompass the different life style and cultures that spreads across the vastness of our country rural registries, occupational registries etc. are being planned.

The community's death reporting and registration system, the hospitals medical record management, the contents of the medical case papers are the areas that need improvement & strengthening to achieve desired goals.

The National Cancer Control Programme (NCCP) and the State Cancer Control Advisory Boards (SCCAB) have to rely on the data generated by NCRP. We seek their help to improve the above facilities and thus help the cancer registration system in India.

The Hospital Cancer Registries have provided data on the stage of disease when cancer patients attend the hospitals for treatment and the percentage of patients treated with various treatment modalities. This information in time will provide us data to obtain survival rates, plan optimum treatment, delivery facilities, planning, downstaging exercises etc.



(Usha K. Luthra)

Project Director

PREFACE

The fourth report of the National Cancer Registry Project (NCRP) is being presented. Starting with only six registries in 1982, we have now 12 registries including a new cancer registry.

During 1985, the Population Based Cancer Registries and the Hospital Based Cancer Registries together have contributed information on more than 30,000 cancer cases. The population based registries together have covered more than 18 million people.

Analysis shows that we have a cancer load which is largely preventable or early detectable. Antitoxin action and asymptomatic population based registries would need stronger support.

The data generated have guided in planning the multicentric clinical trial on cancer of the ductal tissues with tamoxifen in and Tivanatum as controlling agents.

Participation of the general public in the cancer registry is a must.

The statistician is no longer an alchemist expected to produce gold from any worthless material offered him. He is more like a chemist capable of assaying exactly how much of value it contains, and capable also of extracting this amount, and no more. In these circumstances, it would be foolish to commend a statistician because his results are precise or to reprove because they are not. If he is competent in this craft, the value of the result follows solely from the value of the material given him. It contains so much information and no more. His job is only to produce what it contains.

R.A. Fisher

(R.A. Fisher)
Director, Director

1. INTRODUCTION

This is the fourth annual report of the National Cancer Registry Project (NCRP). It covers new cancer cases registered during 1985 in the three population-based and corresponding hospital registries at Bangalore, Bombay and Madras and three additional hospital registries at Chandigarh, Dibrugarh and Trivandrum. The population-based registries contributed a total of 11,006 new cancer cases during 1985 compared to 10,346 cases in 1984, 10,191 cases in 1983 and 10,088 in 1982. The six hospital registries contributed a total of 29,619 new cancer cases during 1985 compared to 27,057 cases in 1984. It may be recalled that the hospital registries at Bangalore, Bombay and Madras were added to the network in 1984 and have added each year three times the number of new cancer cases seen earlier in the other three hospital registries.

1-1 Addition of Two Population-based Registries

In 1985-86, two more population-based cancer registries were added to the network by the Indian Council of Medical Research : one at the Institute Rotary Cancer Hospital, New Delhi and a special cancer registry at Gandhi Medical College, Bhopal in the aftermath of the Bhopal Gas tragedy. Long term objective of this special registry is to monitor the MIC gas exposed population of Bhopal for possible carcinogenic effects. These two registries have started collecting data from January 1, 1986.

1-2 Format of Report

With considerable expansion of the cancer material from the hospital registries, it became evident that the presentation of reports at the Annual Review Meetings and preparation of consolidated annual reports required modifications. Whereas the population-based registries have reached a satisfactory level of performance in these respects, the hospital registries called for some drastic changes. Standardization and analysis of clinical data emanating from the hospital registries required urgent attention and preliminary steps were taken in this direction at the last ARM. It was also decided that the consolidated report for 1985 should be printed along the following lines :

- a. The report should include basic tables of population-based (PBCR) and hospital registries (HCR) with concise write-ups on all the contributing registries.
- b. The report should discuss in greater detail the findings of the population-based registries for the year 1985.

It was further decided that deliberations at the forthcoming ARM and the following consolidated report should focus on the cancer material from the hospital registries so that adequate time is available for in-depth discussion of the technical issues. This procedure of taking up population-based and hospital registries for detailed consideration every alternate year may be repeated in future, if found satisfactory.

The responsibility of cleaning the data, providing tables to the participating registries and preparation of this report has been borne by Mr. D.K. Jain.

1-3 Evaluation of Quality

Quality control has been receiving a high priority in the cancer registry operation since its inception. Scrutiny of the data carried out in the Technical Wing by Mr. D.K. Jain through computer and mechanical checks has resulted in considerable reduction of technical and clerical errors. Participating registries have started taking the responsibility to minimize these errors so that the work of the Technical Wing will be gradually reduced as far as cleaning of data is concerned.

With gradual replacement of proforma by floppy disks and magnetic tapes, need was felt for checking the information sent to the TW with the original sources for possible errors. A preliminary on-site review was carried out last year with the help of the Bombay Cancer Registry. This activity was extended to population-based registries at Bangalore and Madras during the current year. The method designed to review about 100 randomly selected cancer cases has worked well in practice. Scrutiny of the comparative information revealed that demographic information was well recorded by different registries and there were very few errors. Discrepancies were largely related to medical information which high-lighted the need for better medical training of social investigators and more supervision. This on-site review was carried out by a panel consisting of Dr. S. Krishnamurthy, Mr. B.B. Yeole and Dr. A. Nandakumar under the supervision of Dr. L.D. Sanghvi. It was suggested that these population-based registries should carry out, on their own, a similar exercise once a year to improve the quality of information. It was decided that the TW should undertake on-site review of the three hospital cancer registries which have been in operation for the last five years.

Completeness of registration is another important prerequisite of the population-based registries. This is particularly important in India where cancer cases from defined population are collected with a great deal of initiative and efforts of social investigators and their supervisors. This operation requires a constant vigil and periodic reappraisal. Death certification system, if it is efficient, as in Bombay, provides an independent check on the cancer registration operation. In Bangalore and Madras, where the system is not so efficient, considerable efforts have gone into making this information useful. It is hoped that with continuing efforts, efficiency of the system might further improve.

There is another item of information which is being regularly collected by PBCRs but has not been used to check completeness of data. This is about the source of registration. Normally, every large hospital in the area which contributes cancer cases shows a steady flow of cases year after year. Any major fluctuation requires an explanation. Such analysis could partly explain any significant fluctuation in the total number of new cancer cases registered in PBCR. It is hoped that completeness of registration will receive more attention in PBCR that it has received so far.

1-4 Coding Manual

The Quality Control Workshop for NCRP Technical Personnel was held for three days from 10-12 November 1986 at Regional Cancer Centre, Trivandrum. The purpose of this Workshop was to acquaint the registries staff with the operating rules of the NCRP code manual for PBCRs and HCRs. There were coding exercises for each participant to complete and the answers were discussed in a group meeting.

It was felt that the present code manual should be revised so as to expand the definitions of various data items, and the manual should be divided into two—one for PBCRs and one for HCRs. Rules for registration of multiple primaries should be framed and included in the manuals and a field for sequence number should be added to the data set in order to distinguish multiple primary tumours. A field for laterality at diagnosis should also be included.

Subsequently, Mr. D.K. Jain has revised the coding manual and it is now in two parts—one for PBCRs and one for HCRs. Rules for registration of multiple primary tumours have been included and fields for a sequence number and laterality at diagnosis have also been suggested in the data input programme designs. These code manuals have been circulated to all the registries. Registries are requested to code 1986 data as per revised manual and it be transferred on floppy disks or on magnetic tape as per the revised input programme designs, particularly of alfa-numerical data.

2. CANCER INCIDENCE

In order to estimate the magnitude of cancer problem in a community, the population-based cancer registries provide incidence rates which serves many useful purposes. Attempt has been made to study the age incidence by sex and site of all types of cancer in Bangalore, Bombay and Madras. To place the cancer problem in India in perspective, a comparison of incidence rates of Indian registries has been attempted with other registers reported from other countries. 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 CANCER DATA

The incidence data is based on cancer cases diagnosed during the four year period, between January 1, 1982 to December 31, 1985. The three PBCRs registered a total of 41631 cancer cases in these four years. Of these 20929 (50.3%) were males and 20702 were females (Table 2.1). The male preponderance of cancer observed by various registers was also seen in Bombay (M/F = 1.2 : 1), but Bangalore (M/F = 1 : 1.2) and Madras (M/F = 1 : 1.3) registers exhibit preponderance of female cancers. However, in 1985, the Bangalore registry has observed less number of cancer cases both in men and women compared to earlier years. The 1985 data of the Bangalore registry is provisional since there were changes in the registration procedures of cancer cases. One of the procedural change was in the death certificate cases only (DCO). A total of 338 cancer deaths were registered in Bangalore during the year 1985. When the registry staff scrutinised these deaths, 222 deceased patients were residents of Bangalore City and in 116 deaths, residence status could not be ascertained. Of these 222 deaths in local residents, 182 cases matched with morbidity records for the years 1982-1985, while 40 remained unmatched with morbidity records and were registered as death certificate cases only and date of death was taken as the year of registration i.e. 1985. In earlier years i.e. 1982 through 1984, the death certificates were not scrutinised for residence status as was done during the year 1985.

TABLE 2-1 : INCIDENT CASES OF CANCER REGISTERED DURING THE YEARS 1982, 1983, 1984 AND 1985.
(Between January 1 and December 31) *

REGISTRY	YEAR	MALES	FEMALES	TOTAL
BANGALORE	1982	969	1168	2137
	1983	979	1149	2128
	1984	966	1178	2144
	1985	921	991	1912
BOMBAY	1982	3128	2526	5654
	1983	3125	2496	5621
	1984	3244	2715	5959
	1985	3470	2954	6424
MADRAS	1982	982	1315	2297
	1983	1050	1392	2442
	1984	962	1281	2243
	1985	1133	1537	2670
TOTAL CASES (3 Registries)	1982-1985	20929	20702	41631
	%	50.3	49.7	100.0

* Excludes late registrations, if any.

2.2 POPULATION

The population-at-risk covered by the three PBCRs are : Bangalore 3.62 million, Bombay 9.70 million and Madras 3.55 million (Table 2.2). The population has been estimated as on July 1, 1985 (the mid point of the period between January 1, 1985 and December 31, 1985), from projections based on the 1971 and 1981 censuses.

TABLE 2.2 : POPULATION-AT-RISK (In Millions)*

REGISTRY	MALES	FEMALES	TOTAL
BANGALORE	1.89	1.73	3.62
BOMBAY	5.39	4.31	9.70
MADRAS	1.82	1.73	3.55

* Estimated as on July 1, 1985.

2.3 SUMMARY INDICES

In addition to the numbers of cases, tabulated by age-groups, sex and site (ICD.9), various summary statistics have been calculated to assist in comparisons between centres :

- (i) crude rate of incidence (CR);
- (ii) age-specific incidence rate (ASR);
- (iii) age-adjusted or age-standardised incidence rate (AAR)
(age-adjusted to world population);
- (iv) age-truncated (35-64 years) incidence rate (TR)
(age-adjusted to world population); and
- (v) cumulative incidence rate (CI).

2-31 Crude Incidence Rate

The crude incidence rate gives an estimate of the number of new cancer cases per year per 100,000 population of men and women. The variations in the crude rates presented by the three Indian registries is probably due to the bias created by the difference in the age distribution amongst the population in these study areas. No two populations live in exactly identical environments, have access to equivalent medical facilities or have a similar age structure. Thus no single index can convey all the information contained in the presentation of sex and crude age incidence rates. Thus crude rates are not a good measure of incidence rates.

2-32 Age-specific Incidence Rate

The age-specific incidence rate is more useful for understanding the load of cancer problem in various age-groups. No single index is capable of replacing the individual sex- and age-specific incidence rates, and these should always be used when cancer control programmes are either planned or evaluated.

Age is one of the most important variables in epidemiological studies on cancer. The variation that occurs in cancer incidence in different age groups is often greater than that found with many other demographic variables. Knowledge of association gives clues for some aetiological factors. For instance, many of the cancers found in early life have a genetic pre-disposition, whereas bulk of the cancers in adult life are primarily associated with life style factors.

For aetiological studies age-specific incidence rates can usefully be summarised in two indices, one (a truncated standardised incidence) showing an age-adjusted incidence over a restricted age range, and the other indicating the rate at which cancer incidence increases with age. An appropriate truncated rate for most epithelial cancers is one for the age range of 35-64 years, derived from Segi's (1960) world standard population. For other cancers, age ranges of 0 to 14 years for children and of 15 to 34 years for young adults would be more suitable.

2-33 Age-adjusted Incidence Rate

The age-adjusted incidence rate which is derived by adjusting to the standard world population age structure, using weights of 12, 10, 9, 9, 8, 8, 6, 6, 6, 6, 5, 4, 4, 3, 2 and 2 for the individual 5-year age groups, provides a widely used measure of comparison between different populations. Age-adjusting is a statistical method which corrects for the changing age distribution of the population and allows comparisons to be made in the adjusted rates between different population sub-groups and overtime. Without age-adjusting observed trends in cancer incidence rates could be due to the aging of the population.

2-34 Truncated Age-adjusted Incidence Rate

However, when one would like to compare the cancer incidence in different populations with a purpose to find clues to the existence of differences in the prevalence of carcinogenic factors, the rates observed at old ages are less relevant than the rates at younger ages. This is presumably due in part to a state of affairs that existed in the past and may now be altered. Whenever it is realised that the older rates are also liable to be less accurate than those at younger ages, it may be better to exclude observations

altogether. Age-adjusted truncated rates restricted to the age range 35-64 years, using weights of 6, 6, 6, 5, 4 and 4 for the individual 5-year age groups. It may be noted that age-adjusted and age-truncated rates only measure possible differences between different population groups. (Doll and Cook, 1967).

Table 2.3 compares the crude, age-adjusted and age-truncated incidence rates for Bangalore, Bombay and Madras registries for the years 1982 through 1985, for all sites.

TABLE 2.3 : COMPARISON OF CANCER INCIDENCE RATES—CRUDE (CR), AGE-ADJUSTED (AAR) & TRUNCATED (TR), PER 100,000 PERSONS, BETWEEN REGISTRIES, 1982 THROUGH 1985. ALL SITES (ICD-9 : 140-208).

REGISTRY	YEAR	MALES			FEMALES		
		CR	AAR*	TR**	CR	AAR*	TR**
BANGALORE	1982	60.8	110.8	187.5	82.0	146.7	317.8
	1983	59.2	108.5	175.1	77.9	139.4	306.0
	1984	56.3	102.0	178.3	76.6	141.8	305.4
	1985	48.7	81.2	140.6	57.3	91.7	205.6
BOMBAY	1982	64.4	123.7	192.8	66.5	117.5	223.7
	1983	62.1	115.5	186.2	63.1	108.6	212.3
	1984	62.3	122.0	182.6	65.8	113.9	225.9
	1985	64.4	123.9	188.5	68.6	120.3	237.7
MADRAS	1982	57.8	90.8	167.2	82.3	117.6	276.2
	1983	60.5	96.3	188.4	84.9	124.5	291.7
	1984	54.1	86.4	161.7	76.1	111.9	255.4
	1985	62.3	104.2	177.0	88.9	134.2	305.6

* World Population

** (35-64 Years : World Population)

In Bangalore, all the three rates viz., CR, AAR & TR showing a declining trend in men and women. In 1985 these rates are also low compared to 1982 to 1984, thus the possibility of under registration and changes in the registration procedures can not be ruled out. While in Bombay, the CR, AAR & TR are consistent in males and females and thus shows the stability of registration techniques. On the other hand in Madras in 1985 the incidence rates have picked up while they were slightly low during the year 1984. (Figure 2.3)

2.35 Cumulative Incidence Rate

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 (Day, 1976).

The cumulative incidence rate between birth to age 74 (0-74) years of age, inclusive, is computed as follows :

$$\text{CI : Rate : (0-74) years} = \frac{5 \times \sum_{i=0}^{i=74} (\text{ASR})_i \times 100}{100,000}$$

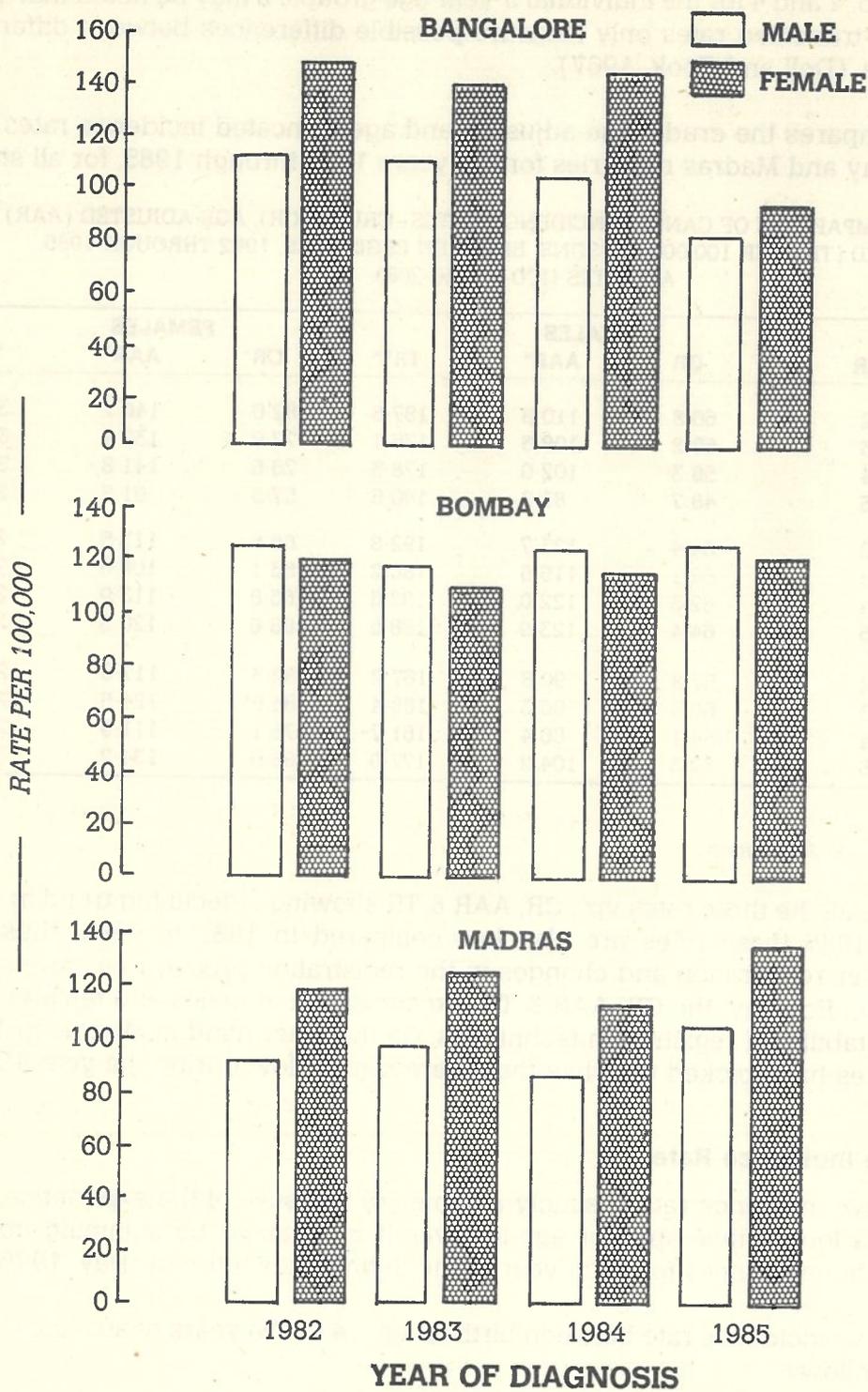


Figure 2.3: Age-adjusted (World Population) Incidence Rate by sex in Bangalore, Bombay and Madras, 1982 through 1985, per 100,000 persons, all cancer sites (ICD.9 : 140-208).

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

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, another for young adults aged 15-34, 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.

The cumulative incidence rates for the year, 1985 for Bangalore, Bombay and Madras, by sex and site (ICD-9), for age groups 0-14, 15-34, 35-69, 0-64 and 0-74 have been computed and are presented at the end of this chapter. The CIs for selected cancer sites are presented in Table 2.35.

One reason for interest in the cumulative incidence rate is that it has a useful probabilistic interpretation. For instance, among women, in Madras, the probability of developing uterine cervix cancer between 0-74 years is 5.48% while among Bombay women it is 1.97% and in Bangalore women it is 2.96%. On the other hand the risk of developing uterine cervix cancer among women residing in Connecticut (USA) between 0-74 years is only 0.8%.

Another advantage is that as a form of direct age-standardization, the arbitrariness in choosing a standard population is removed, and the computations of cumulative incidence rates are easier.

TABLE 2.35 : CUMULATIVE INCIDENCE RATES, 0-74 YEARS (PERCENT) OF DEVELOPING CANCER FOR SELECTED SITES IN BANGALORE, BOMBAY & MADRAS AND CONNECTICUT (USA)

ICD.9 SITE	SEX	BANGALORE*	BOMBAY*	MADRAS	CONNECTICUT†
141 TONGUE	M	0.26	0.82	0.84	0.4
	F	0.10	0.27	0.18	0.1
150 OESOPHAGUS	M	0.84	1.09	1.19	0.7
	F	0.68	0.94	0.67	0.2
151 STOMACH	M	1.29	0.72	2.18	1.2
	F	0.79	0.47	0.92	0.5
162 LUNG	M	1.36	1.57	1.15	7.7
	F	0.13	0.29	0.22	2.2
174 BREAST	F	1.76	2.69	2.26	8.6
180 CERVIX	F	2.96	1.97	5.48	0.8

* For the year 1985. † For the years 1973-77
(Figure 2.41).

N. E. Day (1976) : A new measure of age-standardised incidence, the cumulative rate. In Cancer Incidence in Five Continents, Vol. III, IARC Scientific Publication No. 15, pp 433-445.

2-4 AGE INCIDENCE IN BANGALORE, BOMBAY AND MADRAS

The age distribution of cancer patients, age specific, crude, age-adjusted to world population and truncated (35-64 years) incidence rates per 100,000 population, among males and females, for all sites (ICD.9 : 140-208), in Bangalore, Bombay and Madras, for the years 1982 through 1985 are given in Tables 2.4a to 2.4c. In order to comprehend the wider significance of these rates, comparative data are given of Connecticut (USA) and South Thames (UK) for the period 1973-77 in Table 2.4d.

2-41 Men : All Sites

There is a great deal of similarity in the age specific curves in Bangalore, Bombay and Madras. Bombay and Madras rates are almost similar upto the ages 55-59 after which there is some divergence. Bangalore rates are similar upto ages 50-54 of Bombay and Madras rates thereafter although the age curve follow the similar pattern but rates are lower than other two centres. Thus in Bangalore in 1985 there is a possibility of under registration of cancer cases. However in the older ages particularly in Bangalore and Madras centres, under registration of cancer cases and errors in reporting of correct ages can not be ruled out. (Figure 2.41).

Age incidence rates of Connecticut and South Thames are uniformly high from the age 20 & above compared to Indian rates of three registries.

2-42 Women : All Sites

Unlike the males, in 1985, the ASR in women are not very similar in Bangalore, Bombay and Madras. The ASR for Bombay are lower than the corresponding rates in Madras for every age groups from 25 & above upto the age group 70-74. The Bombay rates are in the intermediate position of Madras and Bangalore. The ASR for Bangalore and Madras also start diverting from age groups 20 & onwards and there is a continuous decline in Bangalore rates going even below the rates in Bombay beyond 45 years of age. This certainly suggest a possibility of under registration of cancer cases in the middle and older ages in females in Bangalore (Figure 2.42).

In Bombay, both in men and women, the ASR at ages 75 + show a steep rise in the rates, there seem to be over registration of cancer cases in these ages.

The ASR for women in Connecticut and South Thames are uniformly higher compared to rates in the Indian registries. Cancer rates in the pediatric group in females in Indian material are uniformly lower than Connecticut and South Thames rates. It will thus be necessary to exclude the possibility of under registration before other possible explanations are considered. The divergence in older ages may also be partly due to under registration.

2-43 Age-Adjusted and Age Truncated (35-64 years) Rates

The age-adjusted and age truncated rates for Bangalore, Bombay and Madras, though low are not year the lowest. Senegal (Dakar) registry report even lower rates. For males, the Connecticut registry exhibit age adjusted rates more than double those of Bangalore, Bombay and Madras. The AAR for females are also lower than the Cali (Colombia), Connecticut, South Thames rates but close to Indians in Singapore.

The truncated incidence rates (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 age groups and of under registration. These truncated rates, for males and females, are also presented in Table 2.4e for Indian registries as well as for some selected countries, taken from the Cancer Incidence in Five Continents, Vol. IV. 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, followed by Bombay and Bangalore.

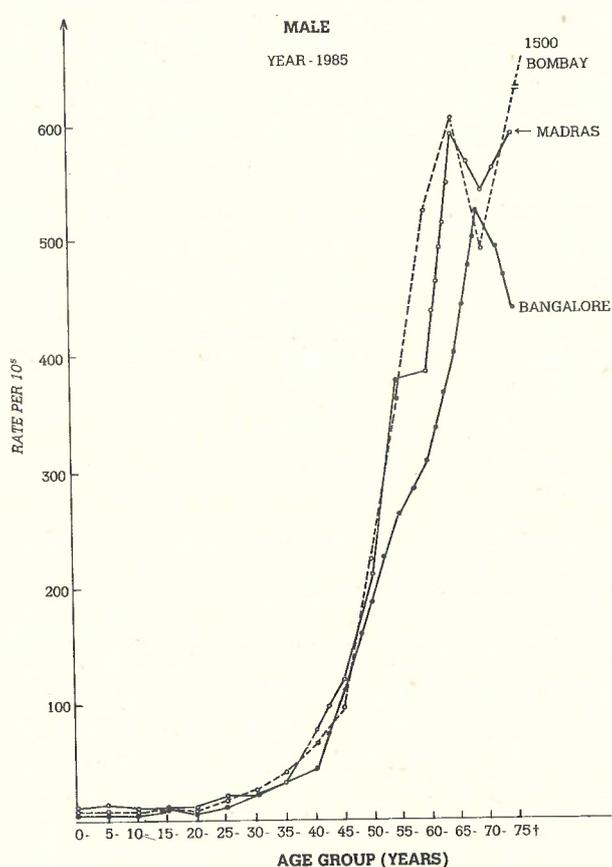


Figure 2.41 : Average Annual Age-Specific Incidence Rate for Bangalore, Bombay and Madras, all sites (ICD.9 : 140-208).

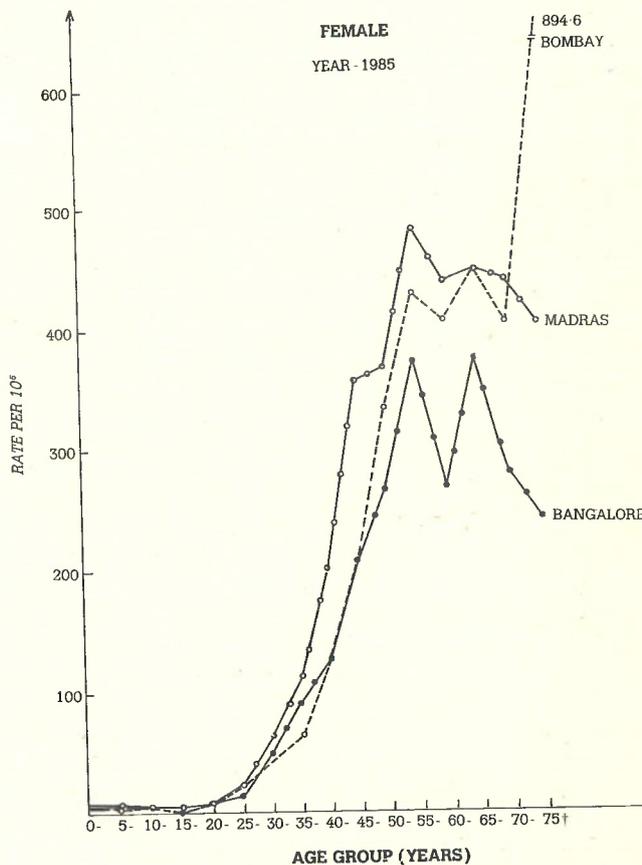


Figure 2.42 : Average Annual Age-Specific Incidence Rate for Bangalore, Bombay and Madras, all sites (ICD.9 : 140-208).

TABLE 2-4a : AGE-SPECIFIC (ASR), CRUDE (CR), AGE-ADJUSTED TO WORLD POPULATION (AAR) AND TRUNCATED (35-64 YEARS) (TR) CANCER INCIDENCE RATES PER 100,000 FOR ALL SITES (ICD-9 : 140-208) FOR THE YEARS 1982, 1983, 1984 AND 1985.

BANGALORE-MALES

AGE GROUP	1982		1983		1984		1985	
	CASES	ASR	CASES	ASR	CASES	ASR	CASES	ASR
0-4	14	7.1	14	6.8	15	7.0	15	7.4
5-9	19	9.2	18	8.4	21	9.4	16	7.4
10-14	11	6.4	21	11.8	15	8.1	14	6.6
15-19	12	7.2	21	12.2	18	10.0	22	11.2
20-24	18	10.1	18	9.8	24	12.5	11	5.2
25-29	24	16.8	28	18.9	25	16.2	21	11.0
30-34	32	27.4	26	21.5	18	14.3	37	24.3
35-39	38	36.6	42	39.1	40	35.7	39	30.6
40-44	78	94.8	71	79.1	57	64.3	45	43.2
45-49	92	133.6	80	112.3	108	145.6	93	111.8
50-54	109	204.0	119	215.3	130	225.9	105	194.3
55-59	104	338.4	118	371.3	93	281.0	107	260.3
60-64	147	462.4	122	371.0	154	449.7	127	307.8
65-69	110	766.8	107	721.2	91	589.0	91	401.1
70-74	74	566.1	92	680.5	79	561.1	97	537.3
75 +	74	576.2	78	576.5	78	563.8	80	442.6
ANS*	13		4		0		1	
TOTAL	969		979		966		921	
CR		60.8		59.2		56.3		48.7
AAR (WORLD)		110.8		108.5		102.0		81.2
TR (WORLD) (35-64 YRS)		187.5		175.1		178.3		140.6

BANGALORE-FEMALES

AGE GROUP	1982		1983		1984		1985	
	CASES	ASR	CASES	ASR	CASES	ASR	CASES	ASR
0-4	11	5.6	9	4.4	5	2.3	9	4.5
5-9	8	3.9	11	5.2	9	4.1	11	4.8
10-14	6	3.5	15	8.4	5	2.7	10	4.8
15-19	10	6.6	11	7.0	10	6.1	3	1.6
20-24	15	19.9	18	11.4	22	13.4	17	8.8
25-29	39	29.9	42	31.1	42	29.8	27	15.6
30-34	152	56.3	157	59.7	161	61.2	157	47.9
35-39	114	35.7	88	101.2	77	84.9	292	89.6
40-44	101	167.4	116	185.7	131	201.2	88	124.3
45-49	168	356.1	145	296.9	136	267.1	131	204.3
50-54	157	373.4	184	422.7	170	374.6	133	263.8
55-59	106	449.5	115	417.1	136	534.4	129	370.5
60-64	151	558.2	139	496.3	156	534.3	105	266.1
65-69	87	652.3	89	644.6	104	722.5	83	372.4
70-74	71	580.0	50	394.5	64	484.4	50	277.3
75 +	55	421.8	53	392.7	50	355.3	45	239.6
ANS*	17		7		0		1	
TOTAL	1168		1149		1178		991	
CR		82.0		77.9		76.6		57.3
AAR (WORLD)		146.7		139.4		141.8		91.7
TR (WORLD) (35-64 YRS.)		317.8		306.0		305.4		205.6

* Age not specified

TABLE 2-4b : AGE-SPECIFIC (ASR), CRUDE (CR), AGE-ADJUSTED TO WORLD POPULATION (AAR) AND TRUNCATED (35-64 YEARS) (TR) CANCER INCIDENCE RATES PER 100,000 FOR ALL SITES (ICD-9 : 140-208) FOR THE YEARS 1982, 1983, 1984 AND 1985.

BOMBAY-MALES

AGE GROUP	1982		1983		1984		1985	
	CASES	ASR	CASES	ASR	CASES	ASR	CASES	ASR
0-4	49	9.6	55	10.3	60	10.8	52	9.0
5-9	45	9.2	39	7.7	38	7.2	43	7.9
10-14	44	9.0	37	7.2	34	6.4	46	8.3
15-19	47	10.0	44	9.0	50	9.8	60	11.3
20-24	76	13.2	69	11.6	60	9.8	63	10.0
25-29	63	13.7	78	16.6	81	16.9	91	18.6
30-34	99	26.2	106	27.6	102	26.0	98	24.5
35-39	143	36.8	131	32.7	122	29.5	168	39.5
40-44	225	70.5	241	73.0	206	60.3	232	65.7
45-49	303	107.8	315	107.1	325	105.7	305	94.8
50-54	440	235.8	449	232.0	450	224.1	466	223.8
55-59	405	351.0	407	338.3	402	320.5	471	360.2
60-64	406	525.6	396	495.9	430	520.9	445	521.4
65-69	314	628.1	303	573.7	313	561.0	355	602.3
70-74	217	504.9	236	513.8	260	529.6	260	490.5
75 +	251	1376.0	218	1143.6	307	1539.8	314	1504.8
ANS*	1		1		4		1	
TOTAL	3128		3125		3244		3470	
CR		64.4		62.1		62.3		64.4
AAR (WORLD)		123.7		115.5		122.0		123.9
TR (WORLD) (35-64 YRS.)		192.8		186.2		182.6		188.5

BOMBAY-FEMALES

AGE GROUP	1982		1983		1984		1985	
	CASES	ASR	CASES	ASR	CASES	ASR	CASES	ASR
0-4	33	6.9	31	6.2	32	6.2	26	4.8
5-9	19	4.0	37	7.6	26	5.1	34	6.5
10-14	25	5.5	22	4.6	22	4.4	29	5.6
15-19	21	5.4	24	5.9	40	9.3	26	5.8
20-24	48	12.6	44	11.1	42	10.3	36	8.5
25-29	83	25.0	83	24.3	79	22.4	83	22.8
30-34	124	43.6	118	40.0	124	40.5	136	42.9
35-39	198	65.4	217	67.9	229	67.9	223	62.6
40-44	263	128.9	272	126.9	266	118.2	298	126.1
45-49	307	206.8	298	191.3	344	210.4	359	209.2
50-54	325	314.0	314	292.2	375	336.1	385	332.4
55-59	268	351.9	256	320.1	297	353.6	376	426.3
60-64	264	387.6	271	381.1	284	382.5	313	403.8
65-69	198	446.4	205	435.5	218	436.5	236	445.3
70-74	157	429.1	141	361.9	156	375.9	178	402.7
75 +	193	915.5	162	738.4	179	783.4	213	894.6
ANS*	0		1		2		3	
TOTAL	2526		2496		2715		2954	
CR		66.5		63.1		65.8		68.6
AAR (WORLD)		117.5		108.6		113.9		120.3
TR (WORLD) (35-64 YRS.)		223.7		212.3		225.9		237.7

* Age not specified.

TABLE 2-4c : AGE-SPECIFIC (ASR), CRUDE (CR), AGE-ADJUSTED TO WORLD POPULATION (AAR) AND TRUNCATED (35-64 YEARS) (TR) CANCER INCIDENCE RATES PER 100,000 FOR ALL SITES (ICD-9 : 140-208) FOR THE YEARS 1982, 1983, 1984 AND 1985.

MADRAS-MALES

AGE GROUP	1982		1983		1984		1985	
	CASES	ASR	CASES	ASR	CASES	ASR	CASES	ASR
0-4	27	13.7	17	8.4	16	7.8	22	10.4
5-9	21	10.6	22	10.8	14	6.7	37	17.4
10-14	15	8.3	12	6.5	16	8.4	21	10.8
15-19	10	6.2	21	12.7	11	6.5	23	13.3
20-24	27	14.2	26	13.4	29	14.6	25	12.3
25-29	29	18.3	24	14.8	23	13.9	36	21.2
30-34	30	22.7	33	24.4	35	25.3	29	20.5
35-39	49	40.3	52	41.8	40	31.5	41	31.5
40-44	77	82.7	72	75.6	80	82.1	76	76.2
45-49	115	137.8	119	139.4	111	127.1	106	118.6
50-54	148	243.5	147	236.4	137	215.4	139	213.6
55-59	115	285.1	162	392.5	137	324.5	162	375.0
60-64	114	315.1	143	386.4	113	298.4	151	389.8
65-69	81	415.0	83	415.6	98	497.7	123	588.5
70-74	65	482.5	61	442.6	47	333.3	78	540.7
75 +	45	442.5	47	451.8	45	422.9	64	588.1
ANS*	14		9		10		0	
TOTAL	982		1050		962		1133	
CR		57.8		60.5		54.1		62.3
AAR (WORLD)		90.8		96.3		86.4		104.2
TR (WORLD) (35-64 YRS.)		167.2		188.4		161.7		177.0

MADRAS-FEMALES

AGE GROUP	1982		1983		1984		1985	
	CASES	ASR	CASES	ASR	CASES	ASR	CASES	ASR
0-4	11	5.6	17	8.4	10	4.8	15	7.0
5-9	10	4.9	12	5.7	12	5.6	17	7.7
10-14	10	5.5	8	4.3	10	5.3	13	6.7
15-19	7	4.3	19	11.3	21	12.2	15	8.5
20-24	18	10.4	28	15.8	24	13.2	19	10.2
25-29	34	23.0	41	27.0	32	20.6	37	23.2
30-34	70	66.1	58	53.3	57	51.1	69	60.2
35-39	141	134.1	131	121.4	98	88.5	127	111.7
40-44	154	202.4	157	201.0	178	222.0	164	199.3
45-49	189	301.5	195	303.1	185	280.2	239	352.6
50-54	184	324.8	227	390.4	182	304.9	224	365.6
55-59	136	362.4	160	415.4	145	366.8	195	480.5
60-64	163	414.8	169	419.0	143	345.5	185	435.4
65-69	72	373.6	89	449.9	88	433.4	93	446.2
70-74	45	299.9	36	233.8	49	310.4	71	437.7
75 +	38	305.7	40	313.5	33	252.0	54	401.7
ANS*	33		5		14		0	
TOTAL	1315		1392		1281		1537	
CR		82.3		84.9		76.1		88.9
AAR (WORLD)		117.6		124.5		111.9		134.2
TR (WORLD) (35-64 YRS.)		276.2		291.7		255.4		305.6

* Age not specified.

TABLE 2-4d : CONNECTICUT (USA) AND SOUTH THAMES REGION (U.K.) 1973-1977 AVERAGE ANNUAL INCIDENCE PER 100.00 BY AGE-GROUP (YEARS) FOR MALES AND FEMALES (ALL SITES).

AGE GROUP (YRS)	CONNECTICUT (USA)		SOUTH THAMES (UK)	
	MALES	FEMALES	MALES	FEMALES
0-4	18.4	13.5	14.2	12.2
5-9	10.5	7.7	10.4	7.9
10-14	10.7	9.7	9.9	7.1
15-19	19.3	16.4	15.1	13.2
20-24	27.3	25.6	25.0	19.7
25-29	36.7	49.2	33.2	43.8
30-34	53.7	82.7	50.5	66.6
35-39	63.5	131.8	68.1	131.8
40-44	130.1	242.0	117.9	220.9
45-49	262.7	417.8	210.2	362.7
50-54	454.6	596.7	372.7	451.1
55-59	732.9	779.3	659.8	608.5
60-64	1162.8	881.1	1020.5	727.0
65-69	1657.7	1123.3	1538.4	912.7
70-74	2316.0	1303.2	2110.6	1094.6
75-79	2918.2	1660.2	2637.2	1298.0
80-84	3641.9	2023.6	2993.7	1563.7
85 +	3853.8	2283.6	3309.1	1862.1
TOTAL CASES	27335*	28345*	65593	66514
CR	359.6	350.9	424.4	393.9
AAR (WORLD)	303.0	257.3	268.6	211.5
TR (WORLD) (35-64 YRS.)	406.2	463.7	353.7	383.7

* All Sites but 173.

SOURCE : Cancer Incidence in Five Continents, Volume IV, IARC, 1982.

TABLE 2-4e : AGE-ADJUSTED (WORLD) AND TRUNCATED (35-64 YEARS) INCIDENCE RATE PER 100,000- CANCER OF ALL SITES (ICD-9:140-208)

MALES

YEAR STUDIED	REGISTRY	AAR	TR
1973-77	USA (CONNECTICUT)	303.0	406.2
1973-76	UK (BIRMINGHAM)	276.1	393.7
1973-77	UK (SOUTH THAMES)	268.6	353.7
1971-76	FINLAND	250.5	341.7
1972-76	COLUMBIA (CALI)	233.1	321.6
1973-77	JAPAN (MIYAGI)	208.9	282.9
1973-77	SINGAPORE (INDIAN)	137.2	177.2
1985	INDIA		
	BOMBAY	123.9	188.5
	MADRAS	104.2	177.0
	BANGALORE	81.2	140.6
1969-74	SENEGAL (DAKAR)	76.3	173.3

FEMALES

YEAR STUDIED	REGISTRY	AAR	TR
1972-76	COLUMBIA (CALI)	258.6	467.2
1973-77	USA (CONNECTICUT)	257.3	463.7
1973-77	UK (BIRMINGHAM)	213.0	391.6
1973-77	UK (SOUTH THAMES)	211.5	383.7
1971-76	FINLAND	175.4	293.3
1973-77	SINGAPORE (INDIAN)	149.9	322.4
1985	INDIA		
	MADRAS	134.2	305.6
	BOMBAY	120.3	237.7
	BANGALORE	91.7	205.6
1969-74	SENEGAL (DAKAR)	75.9	173.3

2-5 MOST COMMON FORMS OF CANCERS

The age-adjusted incidence rates of selected cancer sites in Bangalore, Bombay & Madras are presented in Tables 2-5a, 2-5b and 2-5c, for the years 1982 through 1985, for men and women.

2-51 Men

Cancers of the lip, oral cavity & pharynx (ICD-9 : 140-149) are predominantly seen in the three Indian registries. The AAR are high in Bombay (rates vary between 27 to 31 per 100,000) than in Bangalore (rates vary between 14 to 20 per 100,000) and Madras (rates vary between 18 to 22 per 100,000). In this group tongue, mouth and hypo-pharynx are the predominant sites in three centres.

Incidence of oesophageal cancer is high in Bombay than Bangalore and Madras. On the other hand the AAR for stomach cancer are high in Madras than Bangalore and Bombay. Incidence of lung cancer is high in Bombay than that of Madras and Bangalore. Laryngeal cancer rates are also high in Bombay than Bangalore and Madras. The AAR for colon & rectum, prostate, penis, lymphomas and leukaemias are low in the three registration areas. In Bangalore, in general, in 1985, incidence rates are low compared to previous years (1982 through 1984).

2-52 Women

Cancers of the uterine cervix and breast are the predominant sites in women. Cancer of the uterine cervix which is more common of the two shows a large range of variation in three centres. In Bangalore, uterine cervix AAR vary between 26 to 40 per 100,000; in Madras rates vary between 40 to 50 per 100,000; and in Bombay rates vary between 18 to 19 per 100,000. On the other hand, the breast cancer incidence rates do not exhibit the larger variation like uterine cervix cancer. The breast rates in Bombay (vary between 22 to 25 per 100,000) are slightly higher than Bangalore (rates vary between 15 to 20 per 100,000) and Madras (rates vary between 18 to 20 per 100,000).

Incidence of oesophageal cancer is more in Bombay than Bangalore and Madras, while stomach cancer is more in Bangalore and Madras than in Bombay.

**TABLE 2-5a : AGE-ADJUSTED (WORLD POPULATION) INCIDENCE RATE†
FOR SELECTED CANCER SITES, YEAR-1982 THROUGH 1985.**

BANGALORE-MALES

ICD. 9	SITE	1982	1983	1984	1985
140-149	LIP, ORAL CAVITY & PHARYNX	19.3	20.1	18.1	14.3
141	TONGUE	5.0	4.4	3.0	2.3
143-145	MOUTH	4.5	5.4	3.8	4.0
148	HYPOPHARYNX	5.4	6.9	7.1	5.2
150	OESOPHAGUS	9.3	7.1	8.4	6.6
151	STOMACH	12.2	12.9	11.4	10.6
153-154	COLON & RECTUM	5.6	4.8	5.0	4.5
155	LIVER	4.5	1.7	4.2	2.4
161	LARYNX	5.0	5.8	3.8	2.8
162	LUNG	5.9	9.7	9.9	9.7
185	PROSTATE	4.9	3.8	4.6	4.6
187	PENIS ETC	2.4	3.2	2.1	2.1
188	URINARY BLADDER	3.7	5.1	2.8	2.5
200-202	LYMPHOMAS	4.9	5.9	4.6	3.8
204-208	LEUKAEMIAS	2.8	2.5	2.7	2.2
	OTHER SITES*	30.3	25.9	24.4	15.1
140-208	ALL SITES	110.8	108.5	102.0	81.2
* 199	PRIMARY UNKNOWN	10.5	10.6	11.3	2.8

BANGALORE-FEMALES

ICD. 9	SITE	1982	1983	1984	1985
140-149	LIP, ORAL CAVITY & PHARYNX	19.6	16.6	15.7	10.5
141	TONGUE	1.2	1.5	1.3	1.0
143-145	MOUTH	15.8	11.0	10.8	7.8
148	HYPOPHARYNX	1.4	2.0	1.8	0.9
150	OESOPHAGUS	8.2	8.6	10.7	6.3
151	STOMACH	6.8	7.1	5.9	6.2
153-154	COLON & RECTUM	4.7	3.5	4.5	3.3
155	LIVER	1.5	1.4	0.8	0.5
161	LARYNX	1.5	0.9	0.6	0.8
162	LUNG	1.6	2.0	2.3	1.4
174	BREAST	19.5	20.0	20.4	15.8
180	CERVIX UTERI	40.1	38.4	34.0	26.7
183	OVARY	5.6	4.9	6.5	3.0
188	URINARY BLADDER	0.8	0.6	0.8	0.4
200-202	LYMPHOMAS	2.1	2.2	2.0	1.3
204-208	LEUKAEMIAS	2.1	2.5	1.8	1.8
	OTHER SITES*	32.6	30.7	35.8	13.7
140-208	ALL SITES	146.7	139.4	141.8	91.7
* 199	PRIMARY UNKNOWN	9.4	11.6	15.9	1.1

† PER 100,000 PERSONS

**TABLE 2-5b : AGE-ADJUSTED (WORLD POPULATION) INCIDENCE RATE†
FOR SELECTED CANCER SITES. YEAR-1982 THROUGH 1985.**

BOMBAY-MALES

ICD. 9	SITE	1982	1983	1984	1985
140-149	LIP, ORAL CAVITY & PHARYNX	30.6	27.1	27.2	28.6
141	TONGUE	7.1	6.9	7.5	7.4
143-145	MOUTH	5.8	5.8	4.6	6.6
148	HYPOPHARYNX	9.9	7.5	8.5	7.6
150	OESOPHAGUS	11.9	10.0	12.1	11.4
151	STOMACH	7.5	7.3	7.0	6.9
153-154	COLON & RECTUM	7.1	5.9	6.0	5.9
155	LIVER	4.0	3.1	3.4	3.1
161	LARYNX	7.1	8.9	8.1	7.5
162	LUNG	14.0	14.6	12.9	13.0
185	PROSTATE	5.7	5.9	7.3	9.0
187	PENIS ETC.	2.5	1.7	2.1	1.6
188	URINARY BLADDER	3.7	3.2	3.8	3.0
200-202	LYMPHOMAS	3.7	4.5	4.2	5.1
204-208	LEUKAEMIAS	3.8	2.8	4.5	3.7
	OTHER SITES*	22.1	20.5	23.4	25.1
140-208	ALL SITES	123.7	115.5	122.0	123.9

BOMBAY-FEMALES

ICD. 9	SITE	1982	1983	1984	1985
140-149	LIP, ORAL CAVITY & PHARYNX	12.3	10.5	9.9	11.4
141	TONGUE	3.1	2.5	2.2	2.4
143-145	MOUTH	4.6	4.3	3.8	4.2
148	HYPOPHARYNX	2.2	1.4	1.9	2.4
150	OESOPHAGUS	9.1	7.9	8.4	8.9
151	STOMACH	5.8	3.9	4.0	4.1
153-154	COLON & RECTUM	5.1	5.3	5.3	5.2
155	LIVER	2.8	1.6	1.5	2.3
161	LARYNX	1.5	2.2	1.3	1.5
162	LUNG	3.6	3.3	4.0	2.7
174	BREAST	22.9	21.9	23.7	25.6
180	CERVIX UTERI	19.0	18.4	19.4	18.6
183	OVARY	6.0	6.2	6.2	6.5
188	URINARY BLADDER	0.8	1.0	0.9	1.2
200-202	LYMPHOMAS	2.6	2.5	3.0	2.6
204-208	LEUKAEMIAS	3.0	2.5	2.7	2.6
	OTHER SITES*	23.0	21.4	23.6	27.1
140-208	ALL SITES	117.5	108.6	113.9	120.3

† PER 100,000 PERSONS

**TABLE 2-5c : AGE-ADJUSTED (WORLD POPULATION) INCIDENCE RATE†
FOR SELECTED CANCER SITES. YEAR - 1982 THROUGH 1985.**

MADRAS - MALES

ICD. 9	SITE	1982	1983	1984	1985
140-149	LIP, ORAL CAVITY & PHARYNX	20.4	21.5	18.9	22.2
141	TONGUE	4.1	3.9	4.4	6.2
143-145	MOUTH	8.1	6.9	6.1	7.4
148	HYPOPHARYNX	4.1	5.9	4.7	4.7
150	OESOPHAGUS	7.8	7.0	7.3	8.8
151	STOMACH	13.5	15.2	13.6	17.6
153-154	COLON & RECTUM	4.8	4.5	3.5	4.5
155	LIVER	2.1	1.8	2.3	3.5
161	LARYNX	5.1	4.3	5.2	5.4
162	LUNG	5.7	7.9	9.0	9.4
185	PROSTATE	3.1	2.3	1.0	1.8
187	PENIS ETC.	3.3	4.3	3.0	2.3
188	URINARY BLADDER	2.1	0.9	2.2	1.7
200-202	LYMPHOMAS	4.8	3.7	3.0	4.7
204-208	LEUKAEMIAS	3.0	2.3	2.5	2.8
	OTHER SITES*	15.1	20.6	14.9	19.5
140-208	ALL SITES	90.8	96.3	86.4	104.2

MADRAS - FEMALES

ICD. 9	SITE	1982	1983	1984	1985
140-149	LIP, ORAL CAVITY & PHARYNX	15.0	13.8	11.4	15.0
141	TONGUE	2.1	1.5	1.1	2.0
143-145	MOUTH	9.9	8.5	7.2	8.3
148	HYPOPHARYNX	1.2	1.8	1.5	2.7
150	OESOPHAGUS	3.6	6.2	5.9	6.0
151	STOMACH	6.6	6.9	5.7	7.4
153-154	COLON & RECTUM	1.8	2.5	3.8	3.7
155	LIVER	0.7	0.7	0.2	1.1
161	LARYNX	0.6	0.4	0.6	0.6
162	LUNG	1.1	1.4	1.0	1.9
174	BREAST	20.2	18.1	18.4	20.1
180	CERVIX UTERI	45.2	46.2	40.7	50.6
183	OVARY	4.2	4.9	5.2	5.8
188	URINARY BLADDER	1.2	0.8	0.8	0.8
200-202	LYMPHOMAS	1.3	2.0	1.5	2.4
204-208	LEUKAEMIAS	1.1	1.8	1.5	2.0
	OTHER SITES*	15.0	18.8	15.2	16.8
140-208	ALL SITES	117.6	124.5	111.9	134.2

† PER 100,000 PERSONS

3. INDIVIDUAL REGISTRY DATA FOR 1985

NATIONAL CANCER REGISTRY

POPULATION-BASED CANCER REGISTRY

BANGALORE
BOMBAY
MADRAS

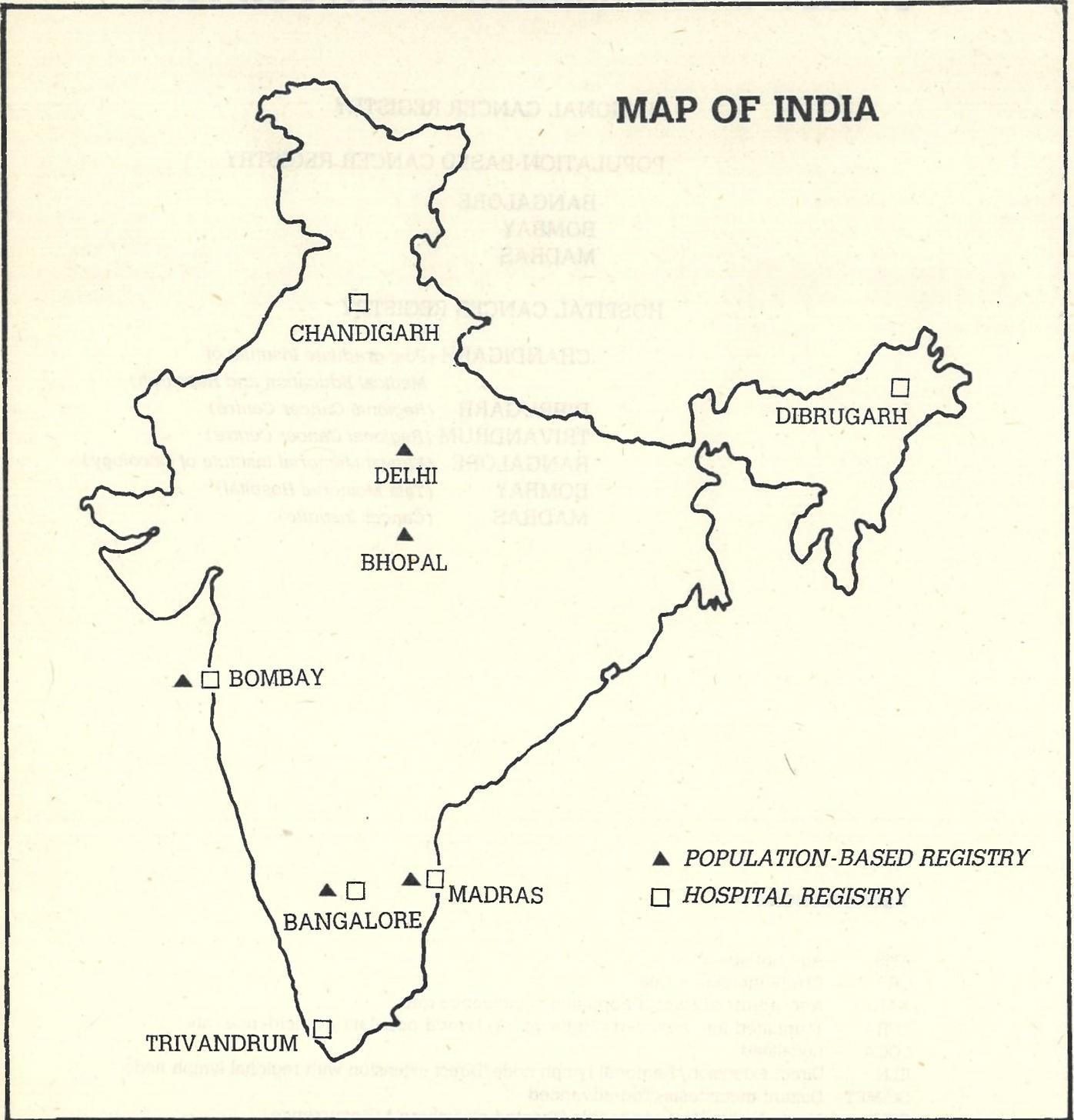
HOSPITAL CANCER REGISTRY

CHANDIGARH (*Post-graduate Institute of
Medical Education and Research*)
DIBRUGARH (*Regional Cancer Centre*)
TRIVANDRUM (*Regional Cancer Centre*)
BANGALORE (*Kidwai Memorial Institute of Oncology*)
BOMBAY (*Tata Memorial Hospital*)
MADRAS (*Cancer Institute*)

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
LOCA - Localised
RLN - Direct extension/Regional lymph node/Direct extension with regional lymph node
DISMET - Distant metastasis/Too advanced
OTH - Not palpable/Not applicable/Treated elsewhere */Recurrence/
Unknown (Not stated)

* This is consistent with item 24 on HCR core proforma : Treatment given prior to registration at reporting institution of the hospital cancer registry.



LOCATION OF POPULATION-BASED AND HOSPITAL CANCER REGISTRIES IN INDIA

NATIONAL CANCER REGISTRY

The National Cancer Registry is a Project of the Indian Council of Medical Research (ICMR). The Project was initiated in February, 1980 when ICMR formulated its new research policy in cancer research. An urgent need for strengthening the existing cancer registries and organisation of new cancer registries in different regions of the country, was recognized.

The immediate objectives of this Project are to provide reliable data on (i) morbidity rates in different regions of the country, (ii) incidence rates according to sex, age, anatomical site and histological types of cancer for selected sites, (iii) patterns of different types of cancer through ratio studies, in various population sub-groups taking into account religion, language, education and other variables, and (iv) stage of disease when patients come to hospital for treatment. The long-term objective of the project is, however, much wider in its scope. The Project is to provide a research base for development of appropriate strategies for all important aspects of a National Cancer Control Programme, viz. (i) primary prevention, (ii) early detection, (iii) effective treatment and (iv) survival rates.

With these objectives in view, the ICMR decided to support the Bombay Cancer Registry which was founded in 1963 by the Indian Cancer Society and to establish two additional population-based cancer registries in Bangalore and Madras. Criteria for selection of Bangalore and Madras centres were the ability and personal influence of the registry chiefs to coordinate a population-based cancer registry system; a hospital medical records department was in operation in their institutes for several years; availability of population census; and existence of a death reporting system.

The ICMR also decided to organise three hospital registries in Chandigarh, Dibrugarh and Trivandrum. These centres were selected as of special epidemiological interest and to encourage them to develop as a population-based registry system in the course of time.

All these registries started uniform collection of minimum data using a pre-designed core proforma from 1st January, 1982. The ICMR has made a liberal provision of staff for this purpose and has also arranged an ongoing programme for their training and continuing education.

Separate core proformas were adopted for use by population-based and hospital registries from January 1, 1984.

Three additional hospital registries were established at institutions which were serving as bases for population registries at Bangalore, Bombay and Madras. These institutions are (i) Kidwai Memorial Institute of Oncology (KMIO), Bangalore, (ii) Tata Memorial Hospital (TMH), Bombay, (iii) Cancer Institute (CI), Madras. This report includes the data of these additional hospital registries for the year 1985.

NATIONAL CANCER REGISTRY

A new population-based registry has been established at Institute Rotary Cancer Hospital (IRCH), Delhi. A special cancer registry has also been set-up at Gandhi Medical College, Bhopal in the aftermath of the Bhopal gas tragedy. These new registries have started collecting data on cancer patients from January 1, 1986. This report does not include the data of these registries.

Map of India shows the location of these 11 registries, 5 PBCR and 6 HCR (page 22).

Cancer registration in India is active in that registry staff regularly have to go to original sources and often interview cancer patients to elicit 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 all cancer patients resident in the area, in its registration area of coverage, and seen in every hospital in the area. It is also required to copy all death certificates of residents dying within or outside the area on which cancer is mentioned. The three population-based registries commonly define 'resident' as persons who have been living in the defined area for one year or more.

All registries are required to report all malignant neoplasms as defined in ICD-O and ICD-9. The hospital registries are required to collect complete information about the diagnostic procedures, extent of disease and treatment modalities.

Each registry is required to consolidate all data concerning an individual cancer case, with the exception of duplicate information, into one record. These records are then sent to the Technical Wing of the National Cancer Registry, Bombay. After scrutinising the basic data so received for consistency by the Technical Wing, the data is subjected to quality control checks for legitimate codes, and processed, using a computer.

The Project is co-ordinated by an Operational Wing at the ICMR Headquarters office in New Delhi and a Technical Wing located at the Tata Memorial Hospital in Bombay. The Chiefs of the different registries with their senior staff, Technical and Operational Wing members, Steering Committee members and WHO Consultants, annually meet to discuss the progress of the Registry Project.

POPULATION-BASED CANCER REGISTRY : BANGALORE

The Bangalore population-based cancer registry was established at the Kidwai Memorial Institute of Oncology (KMIO) on the 1st August, 1981 as a joint project with the Indian Council of Medical Research. Regular compilation of data began from 1st January, 1982.

Bangalore, an urban agglomerate, is the Capital city of Karnataka State in the south of India, occupying an area of 191 sq. kms., between 12° 58' North and 77° 38' East. It has an altitude of 914.4 meters above sea level. The 1981 decennial census enumerated 2.91 million persons (52.8% males, 47.2% females), with a ratio of 894 females per 1000 males. Bangalore City experienced a decennial growth rate of 76.2%, one of the highest in the country. The literacy rate in the general population is 62.9% (69.2% males, 55.9% females). Major language groups in this cosmopolitan city are, Kannada, Tamil, Urdu and Telugu. Population consists of Hindus, Muslims, Christians, Jains and other religious communities.

Most educational and medical services have been concentrated in this area for a number of years. With 134 hospitals and nursing homes and 1131 general medical practitioners, the city has better medical facilities than the other regions. The Kidwai Memorial Institute of Oncology was established in 1973 by the Karnataka State Government. It has a bed strength for 190 cancer patients and provides cobalt-60 teletherapy treatment. The KMIO has well-equipped pathology department and most cancer cases in Bangalore city are likely to be identified and confirmed here.

Most of the cancer cases are provided by the KMIO (77.1% of 1912 cases during the year 1985); 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 through death certificates.

Collection of data is carried out with the assistance of a medical officer, a statistician and social investigators. Their main task is to check identity parameters with the patients themselves, particularly place of residence. The use of an index card helps in eliminating duplicates. There is a regular time table of visits to other hospitals by a field supervisor and social investigators. The data is mainly collected from medical records, pathology and radiology departments.

Dr. M. KRISHNA BHARGAVA, *Project Chief*
Mr. K. RAMACHANDRA REDDY, *Bio-Statistician*

Note : The 1985 data of the registry is provisional. In 1985, total 338 cancer deaths were observed in Bangalore; on scrutiny of these deaths, 222 (182 matched with morbidity records, 40 unmatched-DCO) deceased were residents of Bangalore and in 116 deaths residence status could not be ascertained. In earlier years : 1982 through 1984, the death certificates were not closely scrutinised for residence status.

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

SEX : MALES

YEAR : 1985

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	2	1	1	5	2	2	6	2	2	3	0	25	2.71
142	SALIVARY GL	0	0	0	1	0	0	0	1	0	1	0	1	1	0	0	0	0	4	0.43
143	GUM	0	0	0	0	0	0	0	0	0	0	3	3	1	1	0	0	0	8	0.87
144	FLOOR OF MO	0	0	0	0	0	0	0	0	0	0	2	2	3	0	0	0	0	2	0.22
145	OTHER MOUTH	0	0	0	0	0	0	2	0	2	5	7	6	3	4	2	1	0	33	3.58
146	OROPHARYNX	0	0	0	0	0	0	0	0	0	1	1	1	4	2	0	0	0	12	1.30
147	HYPOPHARYNX	0	0	2	0	0	1	0	0	0	2	2	1	12	7	0	0	0	9	0.94
148	NASOPHARYNX	0	0	0	0	0	0	0	0	1	3	7	7	12	7	6	0	0	51	5.54
149	PHARYNX ETC	0	0	0	0	0	0	1	0	2	10	0	1	14	0	2	0	0	6	0.65
150	OESOPHAGUS	0	0	0	0	0	1	0	2	2	16	16	15	12	5	11	7	69	7.49	
151	STOMACH	0	0	0	0	0	4	3	8	3	16	16	12	12	14	12	1	116	12.60	
152	SMALL INTES	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0.11
153	COLON	0	0	0	0	0	1	6	3	0	3	1	3	2	2	4	0	0	25	2.71
154	RECTUM	0	0	0	0	0	1	2	1	4	2	2	4	4	6	4	0	0	28	3.04
155	LIVER	0	0	0	0	0	0	2	2	2	4	2	7	3	0	4	3	0	27	2.93
156	GALLBLADDER	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	3	0.33
157	PANCREAS	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	5	0.54
158	RETROPERITO	0	0	0	1	1	0	1	2	0	2	0	2	1	2	1	0	0	13	1.41
159	OTHER DIG S	0	0	0	0	0	0	0	0	2	1	1	1	1	1	1	0	0	6	0.65
160	NASAL CAVIT	0	0	0	0	0	0	0	0	1	0	0	2	2	1	1	0	0	7	0.76
161	LARYNX	0	0	0	0	0	0	2	0	0	3	2	7	5	3	3	4	0	29	3.15
162	LUNG	0	0	0	0	0	0	1	4	6	14	14	15	14	15	15	3	101	10.97	
163	PLEURA	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	3	0.33
164	THYMUS	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.33
165	OTHER RES S	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	18	1.95
170	BONE	0	2	2	5	2	0	1	1	2	1	1	0	1	2	0	0	0	11	1.19
171	CONNECTIVE	0	2	0	1	1	0	1	1	0	0	0	0	1	2	0	0	0	11	1.19
172	SKIN MELANO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	11	1.19
173	SKIN OTHER	0	0	0	1	0	2	0	0	2	0	2	3	0	0	0	0	0	3	0.33
175	BREAST MALE	0	0	0	0	0	0	1	0	0	0	0	0	1	1	7	14	0	42	4.56
185	PROSTATE	0	0	0	0	0	0	0	0	0	1	3	4	5	8	7	0	0	9	0.98
186	TESTIS	0	0	0	0	0	0	0	2	2	1	0	0	2	0	1	0	0	25	2.71
187	PENIS ETC	0	0	0	0	0	0	1	3	2	3	3	2	2	2	1	4	0	24	2.61
188	URI BLADDER	0	0	0	0	0	1	0	0	0	1	1	3	7	4	2	5	0	16	1.74
189	KIDNEY	0	1	0	0	0	0	0	0	0	1	2	2	5	1	2	2	0	16	1.74
190	EYE	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.43
191	BRAIN	1	2	3	0	1	0	4	2	2	2	2	3	0	0	0	0	0	22	2.39
192	NERVOUS SYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GLA	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	2	0	12	1.30
194	OTH ENDO GL	0	0	0	0	0	0	2	1	2	0	1	0	1	0	0	0	0	0	0.00
195	ILL DEF SIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0.11
196	SEC LYMPH N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
197	SEC RES ETC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.11
199	PRIM UNK	0	0	0	0	0	0	1	2	2	4	5	1	7	3	1	5	0	31	3.37
200	LYMPHOSARCO	2	1	2	2	1	1	3	0	0	2	2	2	0	0	1	0	0	17	1.85
201	HODGKINS DI	0	1	3	0	1	1	1	1	3	4	3	1	4	0	1	1	0	21	2.28
202	OTH LYMPHOM	1	1	0	1	1	2	1	1	1	3	4	0	1	1	0	0	0	21	2.28
203	MULT MYELOM	0	0	0	0	0	0	0	0	0	0	1	0	3	1	2	0	0	9	0.98
204	LEUK LYMPHA	6	1	2	2	0	0	0	0	0	0	0	0	0	1	0	0	0	13	1.41
205	LEUK MYELOI	0	2	2	5	1	2	3	0	0	0	1	0	0	0	1	0	0	15	1.63
206	LEUK MONOCY	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.33
207	LEUK OTH SP	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	0.33
208	LEUK UNS	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3	0.33
TOTAL																			921	100.00

(PROVISIONAL FIGURES)

POPULATION-BASED CANCER REGISTRY BANGALORE YEAR: 1985
 SEX: FEMALES
 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	0.10	
141 TONGUE	0	0	0	0	0	0	1	0	0	0	1	2	0	1	2	0	0	0	9	0.91
142 SALIVARY GL	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0.30
143 GUM	0	0	0	0	0	0	1	0	1	4	2	3	0	1	3	0	0	20	2.02	
144 FLOOR OF MO	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.10	
145 OTHER MOUTH	0	0	0	0	0	0	1	5	4	6	9	7	8	7	6	3	0	56	5.65	
146 OROPHARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0.10	
147 NASOPHARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
148 HYPOPHARYNX	0	0	0	0	0	0	0	0	0	1	2	1	1	2	0	0	0	9	0.91	
149 PHARYNX ETC	0	0	0	0	0	0	2	0	1	1	0	2	0	0	0	0	0	6	0.61	
150 OESOPHAGUS	0	0	0	0	0	1	3	2	5	4	8	10	10	7	3	9	0	62	6.26	
151 STOMACH	0	0	0	0	0	4	2	2	2	11	8	7	9	9	6	2	0	62	6.26	
152 SMALL INTES	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	3	0.30	
153 COLON	0	0	0	0	0	0	1	0	3	1	2	1	2	2	2	0	0	12	1.21	
154 RECTUM	0	0	0	0	0	0	4	0	0	6	3	2	3	1	2	0	0	23	2.32	
155 LIVER	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	5	0.50	
156 GALLBLADDER	0	0	0	0	0	0	0	0	0	0	1	1	3	0	0	0	0	4	0.40	
157 PANCREAS	0	0	0	0	0	1	0	0	0	0	1	1	0	2	0	0	0	5	0.50	
158 RETROPERITO	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0.20	
159 OTHER DIG S	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	5	0.50	
160 NASAL CAVIT	0	0	0	0	0	0	0	0	0	1	0	3	1	1	0	1	0	7	0.71	
161 LARYNX	0	0	0	0	0	0	0	0	0	0	3	1	0	1	0	2	0	7	0.71	
162 LUNG	0	0	0	0	0	0	0	1	3	2	1	3	3	3	0	1	0	14	1.41	
163 PLEURA	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0.20	
164 THYMUS	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.10	
165 OTHER RES S	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0.00	
170 BONE	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	3	0.30	
171 CONNECTIVE	1	0	0	0	1	1	0	0	0	0	0	1	0	2	1	0	0	11	1.11	
172 SKIN MELANO	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	3	0.30	
173 SKIN OTHER	0	0	0	0	0	0	0	0	0	0	2	1	3	1	0	0	0	11	1.11	
174 BREAST FEM	0	0	0	0	2	5	12	21	17	28	23	23	13	15	7	5	0	171	17.26	
179 UTERUS UNS	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	4	0.40	
180 CERVIX UTER	0	0	0	0	2	4	12	30	39	43	44	41	31	16	13	9	0	284	28.66	
181 PLACENTA	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	3	0.30	
182 BODY UTERUS	0	0	0	0	1	1	0	1	0	0	1	0	0	1	2	0	0	8	0.81	
183 OVARY	0	1	1	1	2	1	4	4	1	8	2	6	4	1	1	0	0	36	3.63	
184 VAGINA	0	0	0	0	0	0	1	1	0	0	2	1	1	1	1	0	0	8	0.81	
188 URI BLADDER	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	4	0.40	
189 KIDNEY	1	0	0	0	0	1	0	0	1	0	1	0	1	1	1	0	0	6	0.61	
190 EYE	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	3	0.30	
191 BRAIN	0	2	0	0	0	0	2	5	1	4	0	1	0	1	1	0	1	18	1.82	
192 NERVOUS SYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
193 THYROID GLA	0	0	1	1	3	1	7	5	3	3	4	2	1	2	1	1	0	35	3.53	
194 OTH ENDO GL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.10	
195 ILL DEF SIT	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	3	0.30	
196 SEC LYMPH N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
197 SEC RES ETC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
198 SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
199 PRIM UNK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	
200 LYMPHOSARCO	1	1	1	0	0	0	0	0	0	1	0	2	2	2	1	0	0	10	1.01	
201 HODGKINS DI	0	1	1	0	0	3	1	0	0	1	0	0	0	0	0	0	0	4	0.40	
202 OTH LYMPHOM	1	0	1	0	0	1	0	0	1	0	1	0	1	1	1	0	0	10	1.01	
203 MULT MYELOM	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	0.50	
204 LEUK LYMPHA	3	3	4	0	0	0	0	1	0	0	0	0	0	0	2	1	0	4	0.40	
205 LEUK MYELOI	0	2	0	0	1	1	4	4	1	1	2	0	0	0	0	0	0	13	1.31	
206 LEUK MONOCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	1.72	
207 LEUK OTH SP	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	9	11	10	3	17	27	57	92	88	131	133	129	105	83	50	45	1	991	100.00	

(PROVISIONAL FIGURES)

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

SEX : MALES
 YEAR : 1985

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	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	2.3	4.5
142 SALIVARY	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.8	0.0	1.2	0.0	0.0	2.4	0.0	0.0	0.0	0.2	0.3	0.7
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.6	7.3	2.4	4.4	0.0	0.0	0.4	0.8	2.1
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	0.0	0.1	0.2	0.6
145 OTHER MOU	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.9	6.0	13.0	14.6	7.3	17.6	16.6	5.5	1.7	3.0	6.4
146 OROPHARYN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.9	2.4	9.7	8.8	11.1	5.5	0.6	1.2	2.1
147 NASOPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	3.7	2.4	2.4	0.0	0.0	0.0	0.5	0.7	1.7
148 HYPOPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.6	13.0	17.0	29.1	30.9	44.3	33.2	2.7	5.2	8.9
149 PHARYNX E	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	2.4	0.0	0.0	11.1	11.1	0.3	0.6	0.3
150 OESOPHAGU	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.6	1.9	12.0	20.4	14.6	33.9	22.0	60.9	38.7	3.6	6.6	12.5
151 STOMACH	0.0	0.0	0.0	0.0	0.0	2.1	2.0	6.3	2.9	19.2	29.6	36.5	29.1	52.9	77.6	66.4	6.1	10.6	18.7
152 SMALL INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
153 COLON	0.0	0.0	0.0	0.0	0.0	0.5	3.9	2.4	0.0	3.6	1.9	7.3	4.8	8.8	22.2	0.0	1.3	1.9	3.0
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.8	3.8	1.2	3.7	9.7	9.7	26.4	22.2	0.0	1.5	2.6	4.2
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.9	4.8	3.7	17.0	7.3	0.0	0.0	16.6	1.4	2.4	5.3
156 GALLBLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.2	0.0	0.0	4.4	0.0	0.0	0.0	0.2	0.2	0.2
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.2	1.9	2.4	2.4	0.0	0.0	0.0	0.3	0.4	1.2
158 RETROPERI	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.8	1.9	2.4	0.0	4.9	2.4	8.8	5.5	0.0	0.7	1.1	1.9
159 OTHER DIG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	1.9	2.4	2.4	4.4	5.5	0.0	0.3	0.6	1.2
160 NASAL CAV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	4.9	4.8	4.4	0.0	5.5	0.4	0.7	1.4
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.1	5.8	16.8	25.9	36.5	33.9	66.1	83.1	16.6	5.3	9.7	18.2
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	8.8	0.0	0.0	0.2	0.4	0.3
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.2	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 RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	1.2	1.9	0.0	2.4	4.4	0.0	0.0	1.0	1.0	1.4
170 BONE	0.0	0.0	0.0	0.5	0.0	0.0	0.7	0.8	0.0	0.0	0.0	0.0	2.4	8.8	0.0	11.1	0.6	0.8	0.5
171 CONNECTIV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172 SKIN MELA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
173 SKIN OTHE	0.0	0.0	0.0	0.0	0.5	0.0	1.1	0.0	1.9	0.0	3.7	7.3	0.0	0.0	0.0	5.5	0.6	0.8	1.9
175 BREAST MA	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	2.4	4.4	0.0	0.0	0.2	0.3	0.3
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	5.6	9.7	12.1	35.3	38.8	77.5	2.2	4.6	3.9
186 TESTIS	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.6	1.9	1.2	0.0	4.8	0.0	5.5	0.0	0.5	0.6	1.5
187 PENIS ETC	0.0	0.0	0.0	0.0	0.0	1.1	0.7	2.4	1.9	3.6	5.6	4.9	4.8	8.8	5.5	22.1	1.3	2.1	3.7
188 URI BLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.0	1.2	1.9	1.9	7.3	17.0	17.6	11.1	27.7	1.3	2.5	3.7
189 KIDNEY	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	3.7	4.9	12.1	4.4	11.1	11.1	0.8	1.6	3.0
190 EYE	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
191 BRAIN	0.5	0.9	1.4	0.0	0.0	0.5	0.0	1.6	1.9	2.4	3.7	7.3	0.0	0.0	0.0	0.0	1.2	1.3	2.7
192 NERVOUS S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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 G	0.0	0.0	0.0	0.0	1.0	0.0	1.3	0.8	1.9	0.0	1.9	0.0	2.4	0.0	5.5	11.1	0.6	0.8	1.1
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 S	0.0	0.0	0.0	0.0	0.0	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
196 SEC LYMPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197 SEC RES E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198 SEC OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.7	1.6	1.9	4.8	9.3	2.4	17.0	13.2	5.5	27.7	1.6	2.8	5.6
200 LYMPHOSAR	1.0	0.5	0.9	1.0	0.5	1.6	2.0	0.0	2.4	3.7	0.0	0.0	0.0	0.0	0.0	5.5	0.9	1.0	1.1
201 HODGKINS	0.0	0.0	0.5	1.0	0.5	1.6	0.7	0.8	2.9	0.0	5.6	2.4	9.7	0.0	5.5	0.0	1.1	1.4	3.2
202 OTH LYMPH	0.5	1.4	0.0	0.5	1.1	1.1	0.7	0.8	1.0	3.6	7.4	0.0	7.3	4.4	11.1	0.0	1.1	1.4	2.5
203 MULT MYEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	1.9	0.0	2.4	0.0	0.0	0.0	0.5	0.9	1.6
204 LEUK LYMP	3.0	0.5	0.9	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.4	5.5	0.0	0.7	0.8	0.0
205 LEUK MYEL	1.0	0.0	0.0	0.0	0.5	1.1	2.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.8	0.8	0.3
206 LEUK MONO	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.0
207 LEUK OTH	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.9	2.4	0.0	0.0	0.0	0.0	0.2	0.2	0.6
208 LEUK UNS	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.5	0.2	0.2	0.0
TOTAL	7.4	7.4	6.6	11.2	5.2	11.0	24.3	30.6	43.2	111.8	194.3	260.3	307.8	401.1	537.3	442.6	48.7	81.2	140.6

(PROVISIONAL FIGURES)

POPULATION-BASED CANCER REGISTRY BANGALORE SEX : FEMALES YEAR : 1985
 AGE-SPECIFIC, WORLD AGE ADJUSTED AND TRUNCATED AGE ADJUSTED (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	AAAR	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	2.5	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	0.8	0.0	0.0	0.0	2.0	5.7	2.5	9.0	0.0	10.6	0.5	1.0	1.4
142 SALIVARY	0.0	0.0	0.0	0.5	0.0	0.6	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	1.4	6.2	4.0	8.6	2.5	17.9	5.5	16.0	1.2	2.1	3.6
144 FLOOR OF	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0
145 OTHER MOU	0.0	0.0	0.0	0.0	0.0	0.0	0.8	4.9	5.7	9.4	17.8	20.1	20.3	31.4	33.3	16.0	3.2	5.7	11.9
146 OROPHARYN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.1	0.1	0.0
147 NASOPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
148 HYPOPHARY	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.6	1.4	1.6	4.0	2.9	2.5	9.0	0.0	0.0	0.5	0.9	1.6
149 PHARYNX E	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.0	1.4	0.0	0.0	5.7	0.0	0.0	0.0	0.0	0.3	0.5	1.3
150 OESOPHAGU	0.0	0.0	0.0	0.0	0.0	0.6	2.5	1.9	7.1	6.2	15.9	28.7	25.3	31.4	16.6	47.9	3.6	6.3	12.5
151 STOMACH	0.0	0.0	0.0	0.0	0.0	2.3	1.7	1.9	2.8	17.2	15.9	20.1	22.8	40.4	33.3	10.6	3.6	6.2	12.3
152 SMALL INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.6	0.0	0.0	0.0	0.0	0.0	0.0	5.3	0.2	0.3	0.6
153 COLON	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	4.2	1.6	4.0	2.9	5.1	0.0	5.5	5.3	0.7	1.1	2.8
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.9	0.0	9.4	5.9	5.7	7.6	4.5	11.1	10.6	1.3	2.2	5.2
155 LIVER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.0	2.9	2.5	4.5	0.0	0.0	0.3	0.5	1.3
156 GALLEBLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.9	7.6	0.0	0.0	0.0	0.2	0.4	1.4
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	2.0	2.9	0.0	9.0	0.0	0.0	0.3	0.5	0.7
158 RETROPERI	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
159 OTHER DIG	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.6	0.0	2.9	2.5	0.0	0.0	5.3	0.3	0.5	1.0
160 NASAL CAV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	2.9	0.0	4.5	0.0	5.3	0.4	0.8	1.7
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	0.0	10.6	0.4	0.8	1.3
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.2	3.1	2.0	8.6	7.6	0.0	0.0	0.0	5.3	0.8	1.4	4.0
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.9	0.0	0.0	0.0	0.0	0.1	0.2	0.7
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.3
165 OTHER RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.0	0.5	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	0.0	0.2	0.2	0.4
171 CONNECTIV	0.5	0.0	0.0	0.0	0.5	0.6	0.0	0.0	0.0	0.0	2.0	0.0	2.5	0.0	0.0	0.0	0.2	0.3	0.6
172 SKIN MELA	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.6
173 SKIN OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.1	2.0	8.6	7.6	4.5	0.0	0.0	0.6	1.1	3.2
174 BREST FE	0.0	0.0	0.0	0.0	1.0	2.9	10.1	24.0	43.7	45.6	66.1	32.9	67.3	38.8	26.6	26.6	9.9	15.8	37.2
179 UTERUS UN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.4	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.1
180 CERVIX UT	0.0	0.0	0.0	0.0	1.0	2.3	10.1	29.2	55.1	67.1	87.3	117.8	78.5	71.8	72.1	47.9	16.4	26.7	68.7
181 PLACENTA	0.0	0.0	0.0	0.0	0.5	0.6	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.2
182 BODY UTER	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.0	0.0	0.0	2.0	0.0	5.1	4.5	11.1	0.0	0.5	0.8	1.2
183 OVARY	0.0	0.4	0.5	0.0	1.0	0.6	3.4	3.9	1.4	12.5	4.0	17.2	10.1	4.5	0.0	0.0	2.1	3.0	7.6
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	0.0	0.0	4.0	2.9	2.5	0.0	5.5	5.3	0.5	0.7	1.5
188 URI BLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	2.5	4.5	5.5	0.0	0.2	0.4	0.6
189 KIDNEY	0.5	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.4	0.0	2.0	0.0	2.5	4.5	0.0	0.0	0.3	0.5	0.9
190 EYE	1.0	0.0	0.0	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	0.2	0.2	0.2
191 BRAIN	0.0	0.9	0.0	0.0	0.0	0.0	1.7	4.9	1.4	6.2	0.0	2.9	0.0	4.5	5.5	0.0	1.0	1.3	2.8
192 NERVOUS S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
193 THYROID G	0.0	0.0	0.5	0.5	1.6	0.6	5.9	4.9	4.2	4.7	7.9	5.7	2.5	9.0	5.5	5.3	2.0	2.7	5.0
194 OTH ENDO	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	0.0	0.1	0.1	0.0
195 ILL DEF S	0.0	0.4	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.2	0.3	0.3
196 SEC LYMPH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
197 SEC RES E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
198 SEC OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	3.1	4.0	5.7	0.0	9.0	5.5	0.0	0.6	1.1	2.2
200 LYMPHOSAR	0.5	0.4	0.5	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.3
201 HODGKINS	0.0	0.4	0.5	0.0	1.6	0.6	0.0	0.0	1.4	0.0	2.0	0.0	0.0	4.5	5.5	0.0	0.6	0.7	0.6
202 OTH LYMPH	0.5	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.4	0.0	2.9	2.5	0.0	0.0	0.0	0.0	0.3	0.4	1.0
203 MULT MYEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	11.1	5.3	0.2	0.4	0.3
204 LEUK LYMP	1.5	1.3	1.9	0.0	0.0	0.0	0.0	1.0	0.0	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.8	0.7	0.8
205 LEUK MYEL	0.0	0.9	0.0	0.0	0.5	0.6	3.4	3.9	1.4	1.6	5.9	0.0	0.0	0.0	0.0	0.0	1.0	1.1	2.3
206 LEUK MONO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
207 LEUK OTH	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL	4.5	4.8	4.8	1.6	8.8	15.6	47.9	89.6	124.3	204.3	263.8	370.5	266.1	372.4	277.3	239.6	57.3	91.7	205.6

(PROVISIONAL FIGURES)

YEAR : 1985

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

SEX : MALE

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	24	96.00	0	0.00	1	4.00	0	0.00	0	0.00	25	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	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	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	28	84.85	0	0.00	5	15.15	0	0.00	0	0.00	33	100.00
146	OROPHARYNX	12	100.00	0	0.00	0	0.00	0	0.00	0	0.00	12	100.00
147	NASOPHARYNX	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	100.00
148	HYPOPHARYNX	43	84.31	1	1.96	7	13.73	0	0.00	0	0.00	51	100.00
149	PHARYNX ETC	5	83.33	0	0.00	0	0.00	0	0.00	1	16.67	6	100.00
150	OESOPHAGUS	37	53.62	16	23.19	10	14.49	4	5.80	2	2.90	69	100.00
151	STOMACH	72	62.07	6	5.17	32	27.59	3	2.59	3	2.59	116	100.00
152	SMALL INTESTINE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
153	COLON	19	76.00	2	8.00	3	12.00	1	4.00	0	0.00	25	100.00
154	RECTUM	26	92.86	0	0.00	2	7.14	0	0.00	0	0.00	28	100.00
155	LIVER	18	66.67	1	3.70	6	22.22	0	0.00	2	7.41	27	100.00
156	GALLBLADDER	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
157	PANCREAS	3	60.00	0	0.00	1	20.00	1	20.00	0	0.00	5	100.00
158	RETROPERITONEUM	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	100.00
159	OTHER DIG SYS	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
160	NASAL CAVITY	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
161	LARYNX	19	65.52	0	0.00	9	31.03	1	3.45	0	0.00	29	100.00
162	LUNG	73	72.28	15	14.85	8	7.92	1	0.99	4	3.96	101	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	33.33	2	66.67	0	0.00	0	0.00	0	0.00	3	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	17	94.44	1	5.56	0	0.00	0	0.00	0	0.00	18	100.00
171	CONNECTIVE TIS	11	100.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	9	81.82	0	0.00	2	18.18	0	0.00	0	0.00	11	100.00
175	BREAST MALE	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
185	PROSTATE	36	85.71	1	2.38	4	9.52	0	0.00	1	2.38	42	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	92.00	0	0.00	2	8.00	0	0.00	0	0.00	25	100.00
188	URI BLADDER	19	79.17	0	0.00	4	16.67	0	0.00	1	4.17	24	100.00
189	KIDNEY	13	81.25	1	6.25	1	6.25	1	6.25	0	0.00	16	100.00
190	EYE	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
191	BRAIN	22	100.00	0	0.00	0	0.00	0	0.00	0	0.00	22	100.00
192	NERVOUS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	11	91.67	0	0.00	1	8.33	0	0.00	0	0.00	12	100.00
194	OTH ENDO GLDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	LLL DEF SITES	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
196	SEC LYMPH NODES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
197	SEC RES ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
198	SEC OTHER	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
199	PRIM UNK	14	45.16	2	6.45	4	12.90	1	3.23	10	32.26	31	100.00
200	LYMPHOSARCOMA	16	94.12	0	0.00	1	5.88	0	0.00	0	0.00	17	100.00
201	HODGKINS DIS	21	100.00	0	0.00	0	0.00	0	0.00	0	0.00	21	100.00
202	OTH LYMPHOMA	21	100.00	0	0.00	0	0.00	0	0.00	0	0.00	21	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	92.31	0	0.00	0	0.00	1	7.69	0	0.00	13	100.00
205	LEUK MYELOID	15	100.00	0	0.00	0	0.00	0	0.00	0	0.00	15	100.00
206	LEUK MONOCYTIC	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
207	LEUK OTH SPE	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
208	LEUK UNS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
ALL SITES TOTALS		730		48		105		14		24		921	
		79.26		5.21		11.40		1.52		2.61		100.00	

(PROVISIONAL FIGURES)

YEAR : 1985

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

SEX : FEMALE

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
141	TONGUE	8	88.89	0	0.00	1	11.11	0	0.00	0	0.00	9	100.00
142	SALIVARY GLANDS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
143	GUM	19	95.00	0	0.00	1	5.00	0	0.00	0	0.00	20	100.00
144	FLOOR OF MOUTH	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
145	OTHER MOUTH	49	87.50	0	0.00	6	10.71	0	0.00	1	1.79	56	100.00
146	OROPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
147	NASOPHARYNX	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
148	HYPOPHARYNX	6	66.67	1	11.11	2	22.22	0	0.00	1	16.67	9	100.00
149	PHARYNX ETC	5	83.33	0	0.00	0	0.00	0	0.00	0	0.00	62	100.00
150	ESOPHAGUS	40	64.52	13	20.97	6	9.68	3	4.84	0	0.00	62	100.00
151	STOMACH	39	62.90	5	8.06	10	16.13	5	8.06	0	0.00	62	100.00
152	SMALL INTESTINE	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
153	COLON	9	75.00	1	8.33	1	8.33	0	0.00	1	8.33	12	100.00
154	RECTUM	20	86.96	0	0.00	3	13.04	0	0.00	0	0.00	23	100.00
155	LIVER	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
156	GALLBLADDER	3	75.00	0	0.00	0	0.00	0	0.00	1	25.00	4	100.00
157	PANCREAS	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
158	RETROPERITONEUM	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
159	OTHER DIG SYS	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
160	NASAL CAVITY	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
161	LARYNX	13	92.86	1	7.14	0	0.00	0	0.00	0	0.00	14	100.00
162	LUNG	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
163	PLEURA	0	0.00	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
170	BONE	7	100.00	0	0.00	0	0.00	0	0.00	0	0.00	7	100.00
171	CONNECTIVE TIS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
172	SKIN MELANOMA	11	100.00	0	0.00	0	0.00	0	0.00	0	0.00	11	100.00
173	SKIN OTHER	151	88.30	0	0.00	16	9.36	0	0.00	4	2.34	171	100.00
174	BREAST FEM	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
179	UTERUS UNS	266	93.66	0	0.00	17	5.99	0	0.00	1	0.35	284	100.00
180	CERVIX UTERI	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
181	PLACENTA	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
182	BODY UTERUS	31	86.11	0	0.00	3	8.33	1	2.78	1	2.78	36	100.00
183	OVARY	6	75.00	0	0.00	2	25.00	0	0.00	0	0.00	8	100.00
184	VAGINA	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
188	URI BLADDER	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
189	KIDNEY	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
190	EYE	18	100.00	0	0.00	0	0.00	0	0.00	0	0.00	18	100.00
191	BRAIN	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
192	NERVOUS SYS	32	91.43	1	2.86	2	5.71	0	0.00	0	0.00	35	100.00
193	THYROID GLAND	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
194	OTH ENDO GLDS	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	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	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
197	SEC RES ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
198	SEC OTHER	5	50.00	2	20.00	1	10.00	0	0.00	2	20.00	10	100.00
199	PRIM UNK	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	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	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
202	OTH LYMPHOMA	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
203	MULT MYELOMA	13	100.00	0	0.00	0	0.00	0	0.00	0	0.00	13	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	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
ALL SITES TOTALS		869		25		72		9		16		991	
		87.69		2.52		7.27		0.91		1.61		100.00	

(PROVISIONAL FIGURES)

POPULATION-BASED CANCER REGISTRY BANGALORE
 CUMULATIVE INCIDENCE RATES (PER CENT)

SEX : MALES
 YEAR : 1985

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	0.01	0.19	0.16	0.26
142	SALIVARY GLANDS	0.00	0.00	0.02	0.02	0.02
143	GUM	0.00	0.00	0.10	0.08	0.10
144	FLOOR OF MOUTH	0.00	0.00	0.02	0.02	0.02
145	OTHER MOUTH	0.00	0.01	0.30	0.22	0.39
146	OROPHARYNX	0.00	0.00	0.12	0.08	0.18
147	NASOPHARYNX	0.00	0.00	0.05	0.06	0.06
148	HYPOPHARYNX	0.00	0.00	0.47	0.32	0.69
149	PHARYNX ETC	0.00	0.00	0.01	0.02	0.07
150	OESOPHAGUS	0.00	0.00	0.53	0.42	0.84
151	STOMACH	0.00	0.02	0.88	0.64	1.29
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.00
153	COLON	0.00	0.02	0.14	0.12	0.28
154	RECTUM	0.00	0.01	0.28	0.15	0.39
155	LIVER	0.00	0.00	0.18	0.18	0.29
156	GALLBLADDER	0.00	0.00	0.03	0.01	0.03
157	PANCREAS	0.00	0.00	0.04	0.04	0.04
158	RETROPERITONEUM	0.00	0.00	0.11	0.07	0.14
159	OTHER DIG SYS	0.00	0.00	0.06	0.04	0.09
160	NASAL CAVITY	0.00	0.00	0.08	0.05	0.08
161	LARYNX	0.00	0.00	0.26	0.19	0.34
162	LUNG	0.00	0.00	0.94	0.61	1.36
163	PLEURA	0.00	0.00	0.05	0.01	0.05
164	THYMUS	0.00	0.00	0.01	0.01	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.02	0.06	0.07	0.09
171	CONNECTIVE TIS	0.00	0.01	0.06	0.03	0.07
172	SKIN MELANOMA	0.00	0.00	0.00	0.00	0.00
173	SKIN OTHER	0.00	0.01	0.06	0.07	0.07
175	BREAST MALE	0.00	0.00	0.03	0.02	0.04
185	PROSTATE	0.00	0.00	0.32	0.14	0.51
186	TESTIS	0.00	0.00	0.05	0.05	0.08
187	PENIS ETC	0.00	0.01	0.16	0.12	0.20
188	URI BLADDER	0.00	0.00	0.22	0.14	0.28
189	KIDNEY	0.00	0.00	0.13	0.11	0.19
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.01	0.02	0.08	0.11	0.11
192	NERVOUS SYS	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.01	0.03	0.05	0.07
194	OTH ENDO GLDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.00	0.00	0.03
196	SEC LYMPH NODES	0.00	0.00	0.00	0.00	0.00
197	SEC RES ETC	0.00	0.00	0.00	0.00	0.00
198	SEC OTHER	0.00	0.00	0.01	0.01	0.01
199	PRIM UNK	0.00	0.00	0.25	0.19	0.28
200	LYMPHOSARCOMA	0.01	0.02	0.03	0.06	0.06
201	HODGKINS DIS	0.00	0.02	0.11	0.13	0.16
202	OTH LYMPHOMA	0.01	0.01	0.10	0.10	0.15
203	MULT MYELOMA	0.00	0.00	0.08	0.06	0.13
204	LEUK LYMPHATIC	0.02	0.01	0.02	0.03	0.08
205	LEUK MYELOID	0.00	0.03	0.01	0.04	0.07
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.03
207	LEUK OTH SPE	0.00	0.00	0.02	0.02	0.02
208	LEUK UNS	0.00	0.00	0.00	0.00	0.00

(PROVISIONAL FIGURES)

POPULATION-BASED CANCER REGISTRY BANGALORE
CUMULATIVE INCIDENCE RATES (PER CENT)

SEX : FEMALES
YEAR : 1985

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.01	0.01	0.01
141	TONGUE	0.00	0.00	0.10	0.06	0.10
142	SALIVARY GLANDS	0.00	0.01	0.00	0.01	0.01
143	GUM	0.00	0.00	0.20	0.12	0.24
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.55	0.39	0.72
146	OROPHARYNX	0.00	0.00	0.02	0.00	0.02
147	NASOPHARYNX	0.00	0.00	0.00	0.00	0.00
148	HYPOPHARYNX	0.00	0.01	0.10	0.06	0.11
149	PHARYNX ETC	0.00	0.01	0.04	0.05	0.05
150	OESOPHAGUS	0.00	0.02	0.58	0.44	0.68
151	STOMACH	0.00	0.02	0.61	0.42	0.79
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.01
153	COLON	0.00	0.00	0.09	0.09	0.12
154	RECTUM	0.00	0.00	0.19	0.16	0.24
155	LIVER	0.00	0.00	0.07	0.04	0.07
156	GALLBLADDER	0.00	0.00	0.05	0.05	0.05
157	PANCREAS	0.00	0.00	0.07	0.03	0.07
158	RETROPERITONEUM	0.00	0.00	0.00	0.01	0.01
159	OTHER DIG SYS	0.00	0.00	0.03	0.04	0.04
160	NASAL CAVITY	0.00	0.00	0.09	0.06	0.09
161	LARYNX	0.00	0.00	0.07	0.04	0.07
162	LUNG	0.00	0.00	0.13	0.13	0.13
163	PLEURA	0.00	0.00	0.02	0.02	0.02
164	THYMUS	0.00	0.00	0.01	0.01	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.00	0.01	0.02	0.02
171	CONNECTIVE TIS	0.00	0.01	0.06	0.02	0.09
172	SKIN MELANOMA	0.00	0.00	0.02	0.03	0.03
173	SKIN OTHER	0.00	0.00	0.13	0.11	0.13
174	BREAST FEM	0.00	0.07	1.50	1.23	1.76
179	UTERUS UNS	0.00	0.00	0.03	0.03	0.03
180	CERVIX UTERI	0.00	0.07	2.53	2.24	2.96
181	PLACENTA	0.00	0.01	0.00	0.01	0.01
182	BODY UTERUS	0.00	0.00	0.06	0.04	0.12
183	OVARY	0.00	0.03	0.27	0.28	0.30
184	VAGINA	0.00	0.00	0.05	0.06	0.08
188	URI BLADDER	0.00	0.00	0.05	0.02	0.07
189	KIDNEY	0.00	0.00	0.05	0.04	0.06
190	EYE	0.00	0.00	0.00	0.01	0.01
191	BRAIN	0.00	0.01	0.10	0.09	0.14
192	NERVOUS SYS	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.04	0.19	0.20	0.27
194	OTH ENDO GLDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.03	0.01	0.03
196	SEC LYMPH NODES	0.00	0.00	0.00	0.00	0.00
197	SEC RES ETC	0.00	0.00	0.00	0.00	0.00
198	SEC OTHER	0.00	0.00	0.00	0.00	0.00
199	PRIM UNK	0.00	0.00	0.11	0.07	0.14
200	LYMPHOSARCOMA	0.01	0.00	0.01	0.01	0.01
201	HODGKINS DIS	0.00	0.01	0.04	0.03	0.08
202	OTH LYMPHOMA	0.00	0.00	0.03	0.04	0.04
203	MULT MYELOMA	0.00	0.00	0.01	0.01	0.07
204	LEUK LYMPHATIC	0.02	0.00	0.02	0.05	0.05
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	0.00	0.00	0.00

(PROVISIONAL FIGURES)

ESTIMATED RESIDENT POPULATION BY AGE AND SEX
AS ON 1ST JULY 1985 IN BANGALORE
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	203209	10.74	200818	11.62	404027	11.16
5-9	215498	11.39	229151	13.25	444649	12.28
10-14	213224	11.27	207282	11.99	420506	11.61
15-19	197187	10.42	186075	10.76	383262	10.58
20-24	210439	11.12	192098	11.11	402537	11.12
25-29	190177	10.05	173208	10.02	363385	10.04
30-34	152090	8.04	118901	6.88	270991	7.48
35-39	127617	6.75	102706	5.94	230323	6.36
40-44	104155	5.51	70783	4.09	174938	4.83
45-49	83167	4.40	64119	3.71	147286	4.07
50-54	54040	2.86	50421	2.92	104461	2.88
55-59	41113	2.17	34816	2.01	75929	2.10
60-64	41261	2.18	39466	2.28	80727	2.23
65-69	22686	1.20	22287	1.29	44973	1.24
70-74	18052	0.95	18031	1.04	36083	1.00
75+	18073	0.96	18782	1.09	36855	1.02
ANS	0	0.00	0	0.00	0	0.00
TOTAL	1891988	100.00	1728944	100.00	3620932	100.00

ANS - AGE NOT SPECIFIED

POPULATION-BASED CANCER REGISTRY : BOMBAY

The Bombay Cancer Registry was established in June, 1963 as a Unit of the Indian Cancer Society, Bombay, with the aim of obtaining reliable morbidity data on cancer from a precisely defined urban population (Greater Bombay). From January 1, 1982, the registry receives financial support from the Indian Council of Medical Research, New Delhi and now collects data on NCRP designed core-proforma.

The bulk of information is obtained on cancer patients from the Tata Memorial Hospital. Additionally, data is collected from 92 private and public hospitals in Bombay under the care of 315 specialists practising in the city (115 surgeons/physicians, 40 pathologists, 35 radiologists and 125 gynaecologists).

General Medical practitioners are not contacted individually, as according to local practice, only the specialists assume charge of cancer patients in the private hospitals and nursing homes of Greater Bombay.

Staff members of the registry personally visit the wards of all cooperating hospitals, at least once a week, to interview each cancer patient. All files maintained by the various departments of these hospitals are also cross-checked. Care is taken to prevent duplicate entry of a patient already registered in the record files through a name index card system.

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

Supplementary information is taken from the death records maintained by the Bombay Municipal Corporation. Death certificates are available for copying one year after death. This makes it possible to check on a number of missed cases. "Cancer" deaths are matched with the registry files and unmatched deaths counted as incident cases for the corresponding year.

Greater Bombay, occupying an area of 603 square kilometers, has an estimated resident population of 9.7 million on July 1, 1985; approximately 68.8% are Hindus, 14.1% Muslims, 6.3% Christians, 4.8% Neo-Buddhists, 4.1% Jains, 1.1% Parsis (Zoroastrians) and 0.8% others. Although Bombay is the most cosmopolitan city in India, major language groups are : Marathi, Gujarathi and Hindi.

Greater Bombay is an island, situated between latitudes 18° 5' to 19° 1' north and longitudes 70° 4' to 73° east.

Dr. D.I. JUSSAWALLA, *Project Chief*
Mr. B.B. YEOLE, *Senior Bio-Statistician*
Mr. M.V. NATEKAR, *Bio-Statistician*

POPULATION-BASED CANCER REGISTRY BOMBAY
 NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD-9), AND PERCENTAGES,
 SEX : MALES YEAR : 1985

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	2	1	1	2	2	1	0	0	0	10	0.29
141 TONGUE	0	0	1	1	0	1	3	12	23	16	32	36	29	20	20	15	0	209	6.02
142 SALIVARY GL	0	0	0	0	0	0	2	1	1	1	1	2	2	1	1	0	0	42	0.35
143 GUM	0	0	0	0	0	0	3	1	7	3	4	3	10	5	1	4	0	42	1.21
144 FLOOR OF MO	0	0	0	0	0	0	0	2	5	2	5	6	1	3	0	0	0	25	0.72
145 OTHER MOUTH	0	0	0	0	0	3	4	9	14	19	20	24	16	12	4	8	1	134	3.86
146 OROPHARYNX	0	0	0	0	0	1	1	6	9	13	17	17	11	7	10	7	0	99	2.85
147 NASOPHARYNX	0	1	1	2	3	0	0	1	2	3	3	3	0	3	1	0	0	23	0.66
148 HYPOPHARYNX	0	0	1	0	0	4	1	9	17	26	33	42	33	24	15	12	0	217	6.25
149 PHARYNX ETC	0	0	0	0	1	0	0	1	3	4	11	6	8	10	3	8	0	55	1.59
150 OESOPHAGUS	0	0	0	2	3	3	2	5	14	28	51	48	40	30	23	36	0	285	8.21
151 STOMACH	0	0	0	0	0	2	0	11	11	19	24	28	22	25	16	19	0	177	5.10
152 SMALL INTES	0	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0	0	5	0.14
153 COLON	0	0	0	1	1	2	2	5	5	5	6	6	4	7	3	15	0	62	1.79
154 RECTUM	0	0	0	1	1	5	3	6	6	14	7	9	14	10	4	8	0	87	2.51
155 LIVER	0	0	1	0	1	2	3	2	7	4	12	9	11	9	10	9	0	80	2.31
156 GALLBLADDER	0	0	0	0	0	0	0	3	3	1	2	3	4	4	3	5	0	25	0.72
157 PANCREAS	0	0	0	0	0	1	0	4	0	7	11	11	8	10	11	9	0	72	2.07
158 RETROPERITO	0	0	0	0	0	1	2	2	2	2	2	2	0	0	0	1	0	13	0.37
159 OTHER DIG S	0	0	0	0	0	0	0	0	0	5	0	3	2	2	0	1	0	12	0.35
160 NASAL CAVIT	0	0	0	0	0	0	0	3	1	5	5	4	3	2	4	1	0	29	0.84
161 LARYNX	0	0	0	0	1	2	1	7	15	17	33	34	36	23	13	16	0	198	5.71
162 LUNG	1	0	1	1	1	2	7	10	14	31	56	59	67	46	35	20	0	351	10.12
163 PLEURA	0	0	0	0	0	0	0	0	1	0	2	2	1	2	0	0	0	9	0.26
164 THYMUS	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	3	0.09
165 OTHER RES S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	1	2	7	6	8	3	2	1	1	1	0	2	2	2	1	1	0	38	1.10
171 CONNECTIVE	1	2	1	3	3	3	5	1	4	3	3	4	2	2	1	2	0	40	1.15
172 SKIN MELANO	0	0	0	0	0	0	0	0	3	2	3	0	0	0	0	1	0	10	0.29
173 SKIN OTHER	0	0	0	0	1	2	4	4	4	6	10	11	6	5	5	10	0	70	2.02
175 BREAST MALE	0	0	0	0	0	0	0	0	2	1	0	6	12	17	23	58	0	142	4.09
186 TESTIS	3	0	0	2	6	5	11	7	3	2	4	0	1	1	2	4	0	45	1.30
187 PENIS ETC	0	0	0	0	1	1	3	2	6	11	6	7	4	4	2	4	0	51	1.47
188 URI BLADDER	0	0	0	0	0	0	1	3	5	5	12	3	13	10	9	10	0	71	2.05
189 KIDNEY	6	2	1	0	0	0	3	1	1	2	5	5	4	3	0	2	0	35	1.01
190 EYE	10	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	11	0.32
191 BRAIN	6	3	10	3	7	8	6	7	5	10	4	6	4	7	6	2	0	94	2.71
192 NERVOUS SYS	2	1	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	6	0.17
193 THYROID GLA	0	0	0	1	0	3	2	4	1	3	4	0	1	3	0	1	0	23	0.66
194 OTH ENDO GL	1	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	4	0.12
195 ILL DEF SIT	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	8	0.23
196 SEC LYMPH N	0	1	0	0	0	3	1	4	6	10	12	10	14	8	8	3	0	80	2.31
197 SEC RES ETC	0	0	0	2	1	2	3	2	7	6	9	11	11	10	7	5	0	74	2.13
198 SEC OTHER	0	0	0	0	0	2	1	1	2	3	13	2	10	3	2	1	0	39	1.12
199 PRIM UNK	0	1	0	0	0	0	0	1	1	1	2	1	3	2	3	6	0	66	0.46
200 LYMPHOSARCO	0	1	1	1	7	3	2	7	1	3	10	11	5	5	3	1	0	55	1.59
201 HODGKINS DI	2	8	2	2	8	1	5	7	4	3	5	3	5	5	1	4	0	69	1.99
202 OTH LYMPHOM	4	2	2	6	6	6	4	7	5	2	7	5	3	3	3	4	0	69	1.99
203 MULT MYELOM	0	0	0	1	0	2	1	0	1	2	3	3	3	3	1	2	0	23	0.66
204 LEUK LYMPHA	10	16	13	9	9	2	1	4	3	0	0	4	2	1	1	2	0	73	2.10
205 LEUK MYELOI	1	1	2	6	5	7	6	4	5	4	4	5	7	4	4	1	0	66	1.90
206 LEUK MONOCY	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.06
207 LEUK OTH SP	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.06
208 LEUK UNS	4	2	1	2	0	0	0	1	1	0	0	0	1	2	0	1	0	15	0.43
TOTAL	52	43	46	60	63	91	98	168	232	305	466	471	445	355	260	314	1	3470	100.00

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALES YEAR : 1985
 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	0	3	0	1	1	0	0	0	0	6	0.20
141	TONGUE	0	0	0	0	0	0	1	3	3	5	5	9	6	8	5	6	0	51	1.73
142	SALIVARY GL	0	1	1	0	0	0	2	1	1	0	1	2	0	1	0	0	0	9	0.30
143	GUM	0	0	0	0	0	0	0	3	1	7	5	3	0	4	0	1	0	30	1.02
144	FLOOR OF MO	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	4	0.14
145	OTHER MOUTH	0	0	0	0	0	0	2	5	10	12	11	9	7	3	6	3	0	68	2.30
146	OROPHARYNX	0	0	0	0	1	0	0	0	0	0	5	5	1	2	5	1	0	20	0.68
147	NASOPHARYNX	0	0	0	0	0	0	0	0	1	1	1	0	3	0	0	0	0	6	0.20
148	HYPOPHARYNX	0	0	0	0	1	0	4	5	9	10	8	7	4	6	6	2	0	60	2.03
149	PHARYNX ETC	0	0	0	0	0	1	0	4	1	3	3	3	1	1	1	3	0	17	0.58
150	OESOPHAGUS	0	0	0	0	0	2	10	14	25	24	26	18	15	23	21	24	1	190	6.43
151	STOMACH	0	0	0	0	0	2	10	11	6	8	14	13	15	10	8	6	0	93	3.15
152	SMALL INTES	0	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	1	5	0.17
153	COLON	0	1	1	0	0	2	1	4	6	7	8	10	7	3	3	3	0	58	1.96
154	RECTUM	0	0	0	0	0	3	0	1	1	8	4	9	9	7	1	6	0	53	1.79
155	LIVER	1	0	0	0	0	1	0	0	3	4	5	4	8	5	4	9	0	44	1.49
156	GALLBLADDER	0	0	0	0	0	0	0	0	5	4	6	4	8	3	4	3	0	43	1.46
157	PANCREAS	0	0	0	0	0	0	1	2	1	2	4	4	5	5	7	6	0	37	1.25
158	RETROPERITO	0	0	0	0	1	0	2	1	0	2	2	2	2	2	2	0	0	15	0.51
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	1	0	0	2	1	1	4	0	6	0.20
160	NASAL CAVIT	0	0	0	1	1	2	0	1	2	1	2	3	3	2	2	7	0	21	0.71
161	LARYNX	0	0	0	1	1	2	3	4	3	6	9	7	7	9	4	7	0	57	1.93
162	LUNG	0	0	0	0	1	0	1	3	4	6	6	9	9	7	9	4	0	5	0.17
163	PLEURA	0	0	0	0	0	0	0	0	0	1	0	0	1	1	2	1	0	1	0.03
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 S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	3	6	5	3	6	2	1	1	1	0	0	2	2	1	2	0	22	0.74
171	CONNECTIVE	0	0	0	0	3	5	0	1	1	3	4	4	4	2	1	2	0	31	1.05
172	SKIN MELANO	0	0	0	1	1	0	0	1	1	2	2	2	1	1	2	1	0	11	0.37
173	SKIN OTHER	0	0	0	0	1	1	1	0	0	2	4	7	4	8	2	6	0	41	1.39
174	BREAST FEM	0	0	0	0	0	6	18	39	66	90	85	104	55	48	26	33	0	656	22.21
179	UTERUS UNS	0	0	0	0	0	0	1	3	3	4	4	2	1	4	6	2	0	30	1.02
180	CERVIX UTER	0	0	1	0	0	16	36	50	67	86	74	53	59	21	20	15	0	498	16.86
181	PLACENTA	0	0	0	0	4	2	1	2	1	4	10	9	2	5	3	3	0	45	1.52
182	BODY UTERUS	0	0	0	0	1	1	1	2	4	4	4	4	4	3	1	1	0	167	5.65
183	OVARY	0	1	1	0	2	9	8	13	21	25	27	18	13	14	7	8	0	26	0.88
184	VAGINA	0	0	0	0	0	0	1	1	4	3	4	3	5	2	1	2	0	25	0.85
188	URI BLADDER	0	0	1	0	1	0	1	1	1	2	2	1	2	1	2	3	0	20	0.68
189	KIDNEY	6	0	0	0	0	0	0	2	2	0	1	1	2	1	0	1	0	3	0.10
190	EYE	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.10
191	BRAIN	4	2	5	4	4	2	3	2	6	4	4	2	0	4	1	3	0	50	1.69
192	NERVOUS SYS	1	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	0.14
193	THYROID GLA	0	0	0	1	2	5	9	4	1	4	4	4	4	3	1	1	0	43	1.46
194	OTH ENDO GL	0	0	3	1	0	1	0	0	0	0	0	0	0	1	0	0	0	6	0.20
195	ILL DEF SIT	0	1	0	0	1	0	1	1	2	3	3	7	4	2	1	1	0	17	0.58
196	SEC LYMPH N	1	1	0	0	1	0	1	2	3	3	7	6	9	6	4	7	0	59	2.00
197	SEC RES ETC	0	0	0	1	0	0	0	5	4	5	12	6	9	6	4	7	0	30	1.02
198	SEC OTHER	0	0	0	0	1	1	0	3	1	6	2	5	1	1	1	7	0	12	0.41
199	PRIM UNK	0	0	0	0	0	0	0	1	1	1	0	4	1	1	1	2	0	24	0.81
200	LYMPHOSARCO	0	2	0	0	2	0	1	2	1	1	0	4	1	3	2	3	0	20	0.68
201	HODGKINS DI	0	1	3	1	1	1	1	2	1	2	2	1	3	0	1	1	0	29	0.98
202	OTH LYMPHOM	0	0	0	0	1	0	0	4	3	3	4	3	3	0	3	1	1	23	0.78
203	MULT MYELOM	0	0	0	0	0	0	0	1	1	1	5	7	1	4	2	2	0	32	1.08
204	LEUK LYMPHA	8	7	3	2	0	2	3	0	1	0	2	3	0	1	3	1	0	45	1.52
205	LEUK MYELOI	1	4	1	6	1	4	6	3	4	3	5	0	2	1	3	1	0	1	0.03
206	LEUK MONOCI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
207	LEUK OTH SP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
208	LEUK UNS	0	1	1	0	0	2	0	0	2	0	0	2	0	0	0	2	0	10	0.34
TOTAL		26	34	29	26	36	83	136	223	298	359	385	376	313	236	178	213	3	2954	100.00

POPULATION-BASED CANCER REGISTRY BOMBAY YEAR : 1985 SEX : MALES
 AGE-SPECIFIC, WORLD AGE ADJUSTED AND TRUNCATED AGE ADJUSTED (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	0.2	0.6	0.3	0.5	1.5	2.3	1.7	0.0	0.0	0.2	0.3	0.8
141	TONGUE	0.0	0.0	0.2	0.2	0.0	0.2	0.8	2.8	6.5	5.0	15.4	27.5	34.0	33.9	38.1	71.9	3.9	7.4	13.2
142	SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.2	0.3	0.3	0.5	1.5	2.3	1.7	1.9	0.0	0.2	0.3	0.7
143	GUM	0.0	0.0	0.0	0.0	0.0	0.2	0.8	0.2	2.0	0.9	1.9	2.3	11.7	8.5	1.9	19.2	0.8	1.6	2.7
144	FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.4	0.6	2.4	4.6	1.2	5.1	0.0	4.8	0.5	0.7	1.6
145	OTHER MOU	0.0	0.0	0.0	0.0	0.0	0.6	1.0	2.1	4.0	5.9	9.6	18.4	18.7	20.4	7.6	38.3	2.5	4.3	8.7
146	OROPHARYN	0.0	0.0	0.0	0.0	0.0	0.2	0.3	1.4	2.5	4.0	8.2	13.0	12.9	11.9	19.1	33.5	1.8	3.4	6.2
147	NASOPHARY	0.0	0.2	0.4	0.5	0.0	0.0	0.0	0.2	0.6	0.9	1.4	2.3	0.0	5.1	1.9	0.0	0.4	0.6	0.9
148	HYPOPHARY	0.0	0.0	0.2	0.0	0.0	0.8	0.3	2.1	4.8	8.1	15.8	32.1	38.7	40.7	28.6	57.5	4.0	7.6	14.6
149	PHARYNX E	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.2	0.8	1.2	5.3	4.6	9.4	17.0	5.7	38.3	1.0	2.4	3.1
150	OESOPHAGU	0.0	0.0	0.0	0.4	0.5	0.6	0.5	1.2	4.0	8.7	24.5	36.7	46.9	50.9	43.8	172.5	5.3	11.4	17.4
151	STOMACH	0.0	0.0	0.0	0.0	0.0	0.4	0.0	2.6	3.1	5.9	11.5	21.4	25.8	42.4	30.5	91.1	3.3	6.9	10.2
152	SMALL INT	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.8	1.2	0.0	1.9	0.0	0.1	0.2	0.3
153	COLON	0.0	0.0	0.0	0.2	0.2	0.4	0.5	1.2	1.4	1.6	2.9	4.6	4.7	11.9	5.7	71.9	1.1	2.8	2.5
154	RECTUM	0.0	0.0	0.0	0.2	0.2	1.0	0.8	1.4	1.4	4.4	3.4	6.9	16.4	17.0	7.6	38.3	1.6	3.1	4.9
155	LIVER	0.0	0.0	0.2	0.0	0.2	0.4	0.8	0.5	2.0	0.8	5.8	6.9	12.9	15.3	19.1	43.1	1.5	3.1	4.2
156	GALLBLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.0	2.3	4.7	6.8	5.7	24.0	0.5	1.2	1.3
157	PANCREAS	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.9	0.0	2.2	5.3	8.4	9.4	17.0	21.0	43.1	1.3	3.0	3.7
158	RETROPERI	0.0	0.0	0.0	0.0	0.0	0.2	0.5	0.2	0.6	0.6	1.0	1.5	0.0	0.0	0.0	4.8	0.2	0.3	0.6
159	OTHER DIG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.4	3.1	3.5	3.4	7.6	4.8	0.5	0.9	1.7
160	NASAL CAV	0.0	0.0	0.0	0.0	0.2	0.4	0.3	1.6	4.2	5.3	15.8	26.0	42.2	39.0	24.8	76.7	3.7	7.5	13.5
161	LARYNX	0.0	0.0	0.0	0.0	0.2	0.4	1.8	2.3	4.0	9.6	26.9	45.1	78.5	78.0	66.7	95.8	6.5	13.0	23.4
162	LUNG	0.2	0.0	0.2	0.2	0.0	0.4	1.8	2.3	4.0	9.6	26.9	45.1	78.5	78.0	66.7	95.8	6.5	13.0	23.4
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 RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170	BONE	0.2	0.4	1.3	1.1	1.3	1.1	1.3	0.6	0.5	0.2	0.3	0.0	0.0	3.4	1.9	4.8	0.7	0.8	0.4
171	CONNECTIV	0.2	0.4	0.2	0.6	0.5	0.6	1.3	0.2	1.1	0.9	1.4	3.1	2.3	3.4	1.9	9.6	0.7	1.0	1.4
172	SKIN MELA	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.8	0.6	1.4	0.0	0.0	0.0	0.0	4.8	0.2	0.3	0.5
173	SKIN OTHE	0.0	0.0	0.0	0.4	0.2	0.4	1.0	0.9	1.1	1.9	4.8	8.4	7.0	8.5	9.5	47.9	1.3	2.6	3.5
175	BREAST MA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.0	2.3	1.2	0.0	1.9	0.0	0.1	0.2	0.6
185	PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.0	2.9	9.2	19.9	40.7	43.8	278.0	2.6	9.0	4.3
186	TESTIS	0.5	0.0	0.0	0.4	0.9	1.0	2.8	1.6	0.8	0.6	1.9	0.0	1.2	1.7	0.0	0.0	0.8	0.8	1.1
187	PENIS ETC	0.0	0.0	0.0	0.0	0.2	0.2	0.8	0.5	1.7	3.4	2.9	5.4	4.7	6.8	3.8	19.2	0.9	1.6	2.8
188	URI BLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.7	1.4	1.6	5.8	2.3	15.2	17.0	17.2	47.9	1.3	3.0	3.9
189	KIDNEY	1.0	0.4	0.2	0.0	0.0	0.0	0.8	0.2	0.3	0.6	2.4	3.8	4.7	5.1	0.0	9.6	0.6	1.1	1.7
190	EYE	1.7	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	0.2	0.3	0.2
191	BRAIN	1.0	0.5	1.8	0.6	1.1	1.6	1.5	1.6	1.4	3.1	1.9	4.6	4.7	11.9	11.4	9.6	1.7	2.3	2.7
192	NERVOUS S	0.3	0.2	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
193	THYROID G	0.0	0.0	0.0	0.2	0.0	0.6	0.5	0.9	0.3	0.9	1.9	0.8	3.5	0.0	0.0	4.8	0.4	0.6	1.3
194	OTH ENDO	0.2	0.0	0.2	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	0.0	0.1	0.1	0.2
195	ILL DEF S	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	1.4	0.0	3.5	0.0	0.0	4.8	0.1	0.3	0.7
196	SEC LYMPH	0.0	0.2	0.0	0.0	0.0	0.6	0.3	0.9	1.7	3.1	5.8	7.6	16.4	13.6	15.2	14.4	1.5	2.7	5.1
197	SEC RES E	0.0	0.0	0.0	0.4	0.2	0.4	0.8	0.5	2.0	1.9	4.3	8.4	12.9	13.6	13.3	24.0	1.4	2.6	4.3
198	SEC OTHER	0.0	0.0	0.0	0.0	0.0	0.4	0.3	0.2	0.6	0.9	6.2	1.5	11.7	5.1	3.8	0.0	0.7	1.2	3.1
199	PRIM UNK	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.2	0.3	0.3	1.0	0.8	3.5	3.4	5.7	4.8	0.3	0.6	0.9
200	LYMPHOSAR	0.0	0.2	0.0	0.2	1.1	0.6	0.5	1.6	0.3	0.9	4.8	8.4	5.9	8.5	5.7	28.8	1.2	2.1	3.2
201	HODGKINS	0.3	1.5	0.4	1.5	0.2	1.0	1.8	0.9	0.8	0.0	2.4	2.3	1.2	3.4	5.7	4.8	1.0	1.2	1.2
202	OTH LYMPH	0.7	0.4	0.4	1.1	0.9	1.2	1.0	1.6	1.4	0.6	3.4	3.8	3.5	8.5	1.9	19.2	1.3	1.8	2.2
203	MULT MYEL	0.0	0.0	0.0	0.2	0.0	0.2	0.0	0.5	0.3	0.6	1.4	2.3	3.5	5.1	1.9	14.4	0.4	0.9	1.2
204	LEUK LYMP	1.7	2.9	2.3	1.7	0.3	1.0	0.3	0.9	0.8	0.0	3.1	2.3	2.3	1.7	1.9	9.6	1.4	1.6	1.0
205	LEUK MYEL	0.2	0.2	0.4	1.1	0.8	1.4	1.5	0.9	1.4	1.2	1.9	3.8	8.2	6.8	7.6	4.8	1.2	1.7	2.6
206	LEUK MONO	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
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	0.7	0.4	0.2	0.4	0.0	0.0	0.0	0.2	0.3	0.0	0.0	0.0	1.2	3.4	0.0	4.8	0.3	0.4	0.3
TOTAL		9.0	7.9	8.3	11.3	10.0	18.6	24.5	39.5	65.7	94.8	223.8	360.2	521.4	602.3	495.5	1504.8	64.4	123.9	188.5

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALES YEAR : 1985
 AGE-SPECIFIC, WORLD AGE ADJUSTED AND TRUNCATED AGE ADJUSTED (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	1.7	0.0	1.1	1.3	0.0	0.0	0.0	0.1	0.2	0.7
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.3	2.9	4.3	10.2	7.7	15.1	11.3	25.2	1.2	2.4	4.0
142 SALIVARY	0.0	0.2	0.0	0.0	0.0	0.0	0.6	0.8	0.0	0.0	0.9	2.3	0.0	1.9	0.0	0.0	0.2	0.3	0.5
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	4.1	4.3	3.4	7.7	7.5	0.0	4.2	0.7	1.3	3.2
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.0	0.0	1.3	1.9	0.0	4.2	0.1	0.2	0.2
145 OTHER MOU	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.4	4.2	7.0	9.5	10.2	9.0	5.7	13.6	12.6	1.6	2.7	6.5
146 OROPHARYN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.3	5.7	1.3	3.8	11.3	4.2	0.5	0.9	1.6
147 NASOPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	0.0	0.0	3.9	0.0	0.0	0.0	0.1	0.2	0.7
148 HYPOPHARY	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.1	2.1	5.2	8.6	9.1	9.0	7.5	13.6	8.4	1.4	2.4	5.4
149 PHARYNX E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.7	0.6	2.6	3.4	1.3	1.9	0.0	12.6	0.4	0.8	1.5
150 OESOPHAGU	0.0	0.0	0.0	0.0	0.0	0.0	0.6	2.8	5.9	14.6	20.7	29.5	23.2	43.4	47.5	100.8	4.4	8.9	14.7
151 STOMACH	0.0	0.0	0.0	0.0	0.0	0.0	3.1	2.5	4.7	12.1	14.7	14.7	19.4	18.9	18.1	25.2	2.2	4.1	8.3
152 SMALL INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.0	0.9	0.0	0.0	3.8	0.0	0.0	0.1	0.2	0.2
153 COLON	0.0	0.2	0.0	0.0	0.0	0.0	1.1	2.5	4.1	3.5	11.3	11.3	9.0	5.7	6.8	37.8	1.3	2.6	4.7
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	2.5	4.1	6.9	10.2	11.6	13.2	2.3	25.2	1.2	2.6	5.0
155 LIVER	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.3	2.3	4.3	4.5	10.3	9.4	9.1	37.8	1.0	2.3	3.3
156 GALLBLADD	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	3.5	5.2	4.5	4.5	6.5	5.7	9.1	12.6	1.0	1.9	4.0
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.4	1.2	3.5	4.5	6.5	9.4	15.8	25.2	0.9	1.9	2.4
158 RETROPERI	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.3	0.0	1.2	1.7	2.3	2.6	3.8	0.0	4.2	0.3	0.6	1.2
159 OTHER DIG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	2.6	1.9	0.0	8.4	0.1	0.4	0.4
160 NASAL CAV	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.3	0.6	1.7	2.3	2.6	3.8	0.0	16.8	0.5	1.0	1.2
161 LARYNX	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.3	0.6	2.6	3.4	9.0	0.0	4.5	29.4	0.7	1.5	2.5
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.7	3.5	5.2	10.2	10.2	9.0	17.0	9.1	29.4	1.3	2.7	4.5
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.3	0.0	4.5	4.2	0.1	0.3	0.3
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
165 OTHER RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.6	1.2	1.1	0.0	0.0	0.6	0.2	0.7	1.4	0.0	0.0	2.6	0.0	0.0	8.4	0.5	0.6	0.5
171 CONNECTIV	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.3	1.9	4.5	4.2	0.3	0.5	0.8
172 SKIN MELA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	1.2	0.0	2.3	1.3	1.3	4.2	0.3	0.3	0.5	0.8
173 SKIN OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.8	2.3	5.2	7.9	5.2	15.1	4.5	25.2	1.0	2.1	1.0	2.1	3.1
174 BREAST FE	0.0	0.0	0.0	0.0	1.4	4.9	12.3	18.5	36.4	52.5	73.4	117.9	71.0	90.6	58.8	138.6	15.2	25.6	57.0
179 UTERUS UN	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.8	1.3	2.3	3.5	2.3	1.3	7.5	13.6	8.4	0.7	1.3	1.9
180 CERVIX UT	0.0	0.0	0.0	0.0	0.0	0.0	4.4	11.3	14.0	28.3	50.1	63.9	60.1	39.6	45.3	63.0	11.6	18.6	45.8
181 PLACENTA	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	0.4	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.3	0.2	0.3
182 BODY UTER	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.6	1.7	2.3	8.6	10.2	2.6	9.4	6.8	12.6	1.0	1.9	3.9
183 OVARY	0.0	0.2	0.0	0.0	0.0	0.5	2.5	3.7	8.9	14.6	23.3	20.4	16.8	26.4	15.8	33.6	3.9	6.5	13.8
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	1.7	1.7	3.5	3.4	6.5	3.8	2.3	8.4	0.6	1.1	2.5
188 URI BLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.4	0.0	0.0	4.5	5.2	3.8	15.8	12.6	0.6	1.2	1.4
189 KIDNEY	1.1	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.8	1.2	0.9	1.1	2.6	1.9	4.5	4.2	0.5	0.7	1.0
190 EYE	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
191 BRAIN	0.7	0.4	1.0	0.9	0.9	0.5	0.9	0.6	2.5	2.3	3.5	2.3	0.0	7.5	2.3	12.6	1.2	1.6	1.9
192 NERVOUS S	0.2	0.4	0.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0
193 THYROID G	0.0	0.0	0.0	0.0	0.0	0.5	1.4	2.8	1.1	0.4	2.3	3.5	4.5	5.2	5.7	4.2	1.0	1.4	2.6
194 OTH ENDO	0.0	0.6	0.2	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2	0.0
195 ILL DEF S	0.0	0.2	0.0	0.0	0.0	0.0	0.3	0.3	0.8	0.0	0.9	2.3	5.2	3.8	2.3	4.2	0.4	0.7	1.3
196 SEC LYMPH	0.2	0.0	0.0	0.0	0.0	0.0	0.6	1.3	1.3	1.7	2.6	7.9	5.2	9.4	2.3	8.4	0.7	1.4	2.8
197 SEC RES E	0.0	0.0	0.0	0.0	0.0	0.0	1.4	1.7	1.7	2.9	10.4	6.8	11.6	11.3	9.1	29.4	1.4	2.7	5.2
198 SEC OTHER	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.3	1.3	0.6	5.2	2.3	6.5	1.9	2.3	29.4	0.7	1.5	2.4
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.4	0.6	0.0	4.5	4.5	1.3	1.9	2.3	8.4	0.3	0.6	1.0
200 LYMPHOSAR	0.0	0.4	0.0	0.0	0.0	0.0	0.3	0.6	0.3	0.4	0.0	3.5	1.1	3.9	3.8	12.6	0.6	1.0	1.3
201 HODGKINS	0.0	0.2	0.6	0.2	0.0	0.0	0.3	0.3	0.8	1.7	1.7	1.1	3.9	3.8	4.5	12.6	0.6	1.0	1.3
202 OTH LYMPH	0.0	1.0	0.0	0.0	0.0	0.0	1.1	1.3	0.6	3.5	3.4	3.9	0.0	1.9	2.3	4.2	0.5	0.6	1.0
203 MULT MYEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	0.6	4.3	7.9	1.3	7.5	4.5	8.4	0.5	1.1	2.1
204 LEUK LYMP	1.5	1.3	0.6	0.4	0.0	0.5	0.0	0.0	0.4	0.0	0.0	2.3	3.9	0.0	2.3	0.0	0.7	0.8	0.9
205 LEUK MYEL	0.2	0.8	0.2	1.3	0.2	1.1	1.9	0.8	1.7	1.7	4.3	0.0	2.6	1.9	6.8	4.2	1.0	1.3	1.9
206 LEUK MONO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.2
207 LEUK OTH	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
208 LEUK UNS	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	0.0	2.3	0.0	0.0	0.0	8.4	0.2	0.4	0.5
TOTAL	4.8	6.5	5.6	5.8	8.5	22.8	42.9	62.6	126.1	209.2	332.4	426.3	403.8	445.3	402.7	894.6	68.6	120.3	237.7

POPULATION-BASED CANCER REGISTRY BOMBAY
 INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)
 SEX : MALE
 YEAR : 1985

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	10	100.00	0	0.00	0	0.00	0	0.00	0	0.00	10	100.00
141	TONGUE	178	85.17	0	0.00	18	8.61	0	0.00	13	6.22	209	100.00
142	SALIVARY GLANDS	11	91.67	0	0.00	1	8.33	0	0.00	0	0.00	12	100.00
143	GUM	36	85.71	0	0.00	4	9.52	0	0.00	2	4.76	42	100.00
144	FLOOR OF MOUTH	22	88.00	0	0.00	3	12.00	0	0.00	0	0.00	25	100.00
145	OTHER MOUTH	118	88.06	1	0.75	12	8.96	0	0.00	3	2.24	134	100.00
146	OROPHARYNX	84	84.85	0	0.00	9	9.09	0	0.00	6	6.06	99	100.00
147	NASOPHARYNX	17	73.91	2	8.70	3	13.04	0	0.00	1	4.35	23	100.00
148	HYPOPHARYNX	190	87.56	6	2.76	14	6.45	3	1.38	4	1.84	217	100.00
149	PHARYNX ETC	40	72.73	0	0.00	5	9.09	0	0.00	10	18.18	55	100.00
150	ESOPHAGUS	167	58.60	35	12.28	35	12.28	6	2.11	42	14.74	285	100.00
151	STOMACH	88	49.72	11	6.21	38	21.47	17	9.60	23	12.99	177	100.00
152	SMALL INTESTINE	4	80.00	0	0.00	0	0.00	0	0.00	1	20.00	5	100.00
153	COLON	41	66.13	4	6.45	10	16.13	2	3.23	5	8.06	62	100.00
154	RECTUM	59	67.82	0	0.00	15	17.24	3	3.45	10	11.49	87	100.00
155	LIVER	32	40.00	4	5.00	17	21.25	2	2.50	25	31.25	80	100.00
156	GALLBLADDER	13	52.00	0	0.00	7	28.00	1	4.00	4	16.00	25	100.00
157	PANCREAS	22	30.56	9	12.50	27	37.50	7	9.72	7	9.72	72	100.00
158	RETROPERITONEUM	11	84.62	0	0.00	0	0.00	1	7.69	1	7.69	13	100.00
159	OTHER DIG SYS	7	58.33	0	0.00	1	8.33	1	8.33	3	25.00	12	100.00
160	NASAL CAVITY	25	86.21	1	3.45	1	3.45	0	0.00	2	6.90	29	100.00
161	LARYNX	146	73.74	1	0.51	24	12.12	4	2.02	23	11.62	198	100.00
162	LUNG	196	55.84	46	13.11	59	16.81	8	2.28	42	11.97	351	100.00
163	PLEURA	6	66.67	0	0.00	3	33.33	0	0.00	0	0.00	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	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	32	84.21	0	0.00	4	10.53	1	2.63	1	2.63	38	100.00
171	CONNECTIVE TIS	34	85.00	1	2.50	3	7.50	1	2.50	10	25.00	40	100.00
172	SKIN MELANOMA	8	80.00	0	0.00	1	10.00	0	0.00	1	10.00	10	100.00
173	SKIN OTHER	68	97.14	0	0.00	2	2.86	0	0.00	0	0.00	70	100.00
175	BREAST MALE	8	100.00	0	0.00	0	0.00	0	0.00	0	0.00	8	100.00
185	PROSTATE	98	69.01	3	2.11	29	20.42	1	0.70	11	7.75	142	100.00
186	TESTIS	41	91.11	0	0.00	1	2.22	2	4.44	1	2.22	45	100.00
187	PENIS ETC	46	90.20	0	0.00	3	5.88	0	0.00	2	3.92	51	100.00
188	URI BLADDER	61	85.92	0	0.00	5	7.04	1	1.41	4	5.63	71	100.00
189	KIDNEY	29	82.86	2	18.18	4	11.43	0	0.00	2	5.71	35	100.00
190	EYE	7	63.64	0	0.00	1	9.09	0	0.00	1	9.09	11	100.00
191	BRAIN	59	62.77	3	3.19	19	20.21	2	2.13	11	11.70	94	100.00
192	NERVOUS SYS	5	83.33	0	0.00	1	16.67	0	0.00	0	0.00	6	100.00
193	THYROID GLAND	21	91.30	0	0.00	0	0.00	0	0.00	2	8.70	23	100.00
194	OTH ENDO GLDS	2	50.00	0	0.00	1	25.00	0	0.00	1	25.00	4	100.00
195	ILL DEF SITES	2	25.00	0	0.00	1	12.50	1	12.50	4	50.00	8	100.00
196	SEC LYMPH NODES	69	86.25	1	1.25	7	8.75	1	1.25	2	2.50	80	100.00
197	SEC RES ETC	31	41.89	16	21.62	17	22.97	3	4.05	7	9.46	74	100.00
198	SEC OTHER	22	56.41	4	10.26	8	20.51	1	2.56	4	10.26	39	100.00
199	PRIM UNK	0	0.00	0	0.00	10	62.50	0	0.00	6	37.50	16	100.00
200	LYMPHOSARCOMA	62	93.94	0	0.00	1	1.52	0	0.00	3	4.55	66	100.00
201	HODGKINS DIS	48	87.27	1	0.00	6	10.91	0	0.00	1	1.82	55	100.00
202	OTH LYMPHOMA	46	66.67	1	1.45	16	23.19	2	2.90	4	5.80	69	100.00
203	MULT MYELOMA	16	69.57	1	4.35	5	21.74	0	0.00	1	4.35	23	100.00
204	LEUK LYMPHATIC	57	78.08	0	0.00	11	15.07	0	0.00	5	6.85	73	100.00
205	LEUK MYELOID	50	75.76	0	0.00	10	15.15	0	0.00	6	9.09	66	100.00
206	LEUK MONOCYTTIC	0	0.00	0	0.00	2	100.00	0	0.00	0	0.00	2	100.00
207	LEUK OTH SPE	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
208	LEUK UNS	6	40.00	0	0.00	5	33.33	0	0.00	4	26.67	15	100.00
ALL SITES TOTALS		2455	70.75	152	4.38	479	13.80	72	2.07	312	8.99	3470	100.00

POPULATION-BASED CANCER REGISTRY BOMBAY SEX : FEMALE YEAR : 1985
 INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
141	TONGUE	41	80.39	0	0.00	6	11.76	0	0.00	4	7.84	51	100.00
142	SALIVARY GLANDS	8	88.89	0	0.00	1	11.11	0	0.00	0	0.00	9	100.00
143	GUM	24	80.00	0	0.00	1	3.33	1	3.33	4	13.33	30	100.00
144	FLOOR OF MOUTH	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
145	OTHER MOUTH	62	91.18	0	0.00	0	0.00	5	7.35	0	0.00	67	100.00
146	OROPHARYNX	18	90.00	0	0.00	2	10.00	0	0.00	0	0.00	20	100.00
147	NASOPHARYNX	4	66.67	0	0.00	1	16.67	0	0.00	1	16.67	6	100.00
148	HYPOPHARYNX	54	90.00	2	3.33	4	6.67	0	0.00	0	0.00	60	100.00
149	PHARYNX ETC	9	52.94	0	0.00	2	11.76	0	0.00	6	35.29	17	100.00
150	ESOPHAGUS	119	62.63	23	12.11	25	13.16	0	0.00	23	12.11	190	100.00
151	STOMACH	54	58.06	2	2.15	17	18.28	3	3.23	17	18.28	93	100.00
152	SMALL INTESTINE	4	80.00	0	0.00	0	0.00	0	0.00	1	20.00	5	100.00
153	COLON	42	72.41	0	0.00	8	13.79	3	5.17	5	8.62	58	100.00
154	RECTUM	40	75.47	2	3.77	5	9.43	1	1.89	5	9.43	53	100.00
155	LIVER	15	34.09	1	2.27	14	31.82	1	2.27	13	29.55	44	100.00
156	GALLBLADDER	26	60.47	0	0.00	6	13.95	4	9.30	7	16.28	43	100.00
157	PANCREAS	7	18.92	3	8.11	13	35.14	5	13.51	9	24.32	37	100.00
158	RETROPERITONEUM	10	66.67	0	0.00	3	20.00	0	0.00	2	13.33	15	100.00
159	OTHER DIG SYS	1	16.67	0	0.00	1	16.67	0	0.00	0	0.00	2	100.00
160	NASAL CAVITY	15	71.43	1	4.76	3	14.29	0	0.00	2	9.52	21	100.00
161	LARYNX	14	45.16	0	0.00	11	35.48	0	0.00	6	19.35	31	100.00
162	LUNG	28	49.12	7	12.28	8	14.04	2	3.51	12	21.05	57	100.00
163	PLEURA	3	60.00	1	20.00	1	20.00	0	0.00	0	0.00	5	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	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	17	77.27	0	0.00	1	4.55	0	0.00	4	18.18	22	100.00
171	CONNECTIVE TIS	25	80.65	1	3.23	2	6.45	0	0.00	3	9.68	31	100.00
172	SKIN MELANOMA	10	90.91	0	0.00	1	9.09	0	0.00	0	0.00	11	100.00
173	SKIN OTHER	39	95.12	0	0.00	1	2.44	0	0.00	1	2.44	41	100.00
174	BREAST FEM	535	81.55	9	1.37	67	10.21	5	0.76	40	6.10	656	100.00
179	UTERUS UNS	7	23.33	0	0.00	9	30.00	1	3.33	13	43.33	30	100.00
180	CERVIX UTERI	416	83.53	1	0.20	56	11.24	4	0.80	21	4.22	498	100.00
181	PLACENTA	6	54.55	1	9.09	4	36.36	0	0.00	0	0.00	11	100.00
182	BODY UTERUS	42	93.33	0	0.00	3	6.67	0	0.00	0	0.00	45	100.00
183	OVARY	124	74.25	2	1.20	24	14.37	5	2.99	12	7.19	167	100.00
184	VAGINA	24	92.31	0	0.00	2	7.69	0	0.00	0	0.00	26	100.00
188	URI BLADDER	17	68.00	2	8.00	4	16.00	0	0.00	2	8.00	25	100.00
189	KIDNEY	17	85.00	0	0.00	2	10.00	0	0.00	1	5.00	20	100.00
190	EYE	2	66.67	0	0.00	1	33.33	0	0.00	0	0.00	3	100.00
191	BRAIN	40	80.00	1	2.00	6	12.00	1	2.00	2	4.00	50	100.00
192	NERVOUS SYS	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
193	THYROID GLAND	36	83.72	0	0.00	5	11.63	0	0.00	2	4.65	43	100.00
194	OTH ENDO GLDS	6	100.00	0	0.00	0	0.00	0	0.00	0	0.00	6	100.00
195	ILL DEF SITES	4	23.53	0	0.00	7	41.18	0	0.00	6	35.29	17	100.00
196	SEC LYMPH NODES	30	93.75	0	0.00	2	6.25	0	0.00	0	0.00	32	100.00
197	SEC RES ETC	38	64.41	8	13.56	10	16.95	1	1.69	2	3.39	59	100.00
198	SEC OTHER	17	56.67	4	13.33	0	0.00	0	0.00	9	30.00	30	100.00
199	PRIM UNK	1	8.33	0	0.00	1	8.33	0	0.00	10	83.33	12	100.00
200	LYMPHOSARCOMA	23	95.83	0	0.00	0	0.00	0	0.00	1	4.17	24	100.00
201	HODGKINS DIS	16	80.00	0	0.00	3	15.00	0	0.00	1	5.00	20	100.00
202	OTH LYMPHOMA	22	75.86	0	0.00	5	17.24	0	0.00	2	6.90	29	100.00
203	MULT MYELOMA	15	65.22	1	4.35	5	21.74	0	0.00	2	8.70	23	100.00
204	LEUK LYMPHATIC	23	71.88	0	0.00	8	25.00	0	0.00	1	3.13	32	100.00
205	LEUK MYELOID	32	71.11	0	0.00	9	20.00	0	0.00	4	8.89	45	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
208	LEUK UNS	5	50.00	0	0.00	2	20.00	0	0.00	3	30.00	10	100.00
ALL SITES TOTALS		2202	74.54	72	2.44	378	12.80	37	1.25	265	8.97	2954	100.00

POPULATION-BASED CANCER REGISTRY BOMBAY
 CUMULATIVE INCIDENCE RATES (PER CENT)

SEX : MALES
 YEAR : 1985

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.04	0.03	0.04
141	TONGUE	0.00	0.01	0.63	0.46	0.82
142	SALIVARY GLANDS	0.00	0.00	0.03	0.03	0.05
143	GUM	0.00	0.00	0.14	0.10	0.15
144	FLOOR OF MOUTH	0.00	0.00	0.08	0.05	0.08
145	OTHER MOUTH	0.00	0.01	0.40	0.30	0.44
146	OROPHARYNX	0.00	0.00	0.27	0.21	0.37
147	NASOPHARYNX	0.00	0.00	0.05	0.03	0.07
148	HYPOPHARYNX	0.00	0.01	0.71	0.51	0.86
149	PHARYNX ETC	0.00	0.00	0.19	0.11	0.22
150	OESOPHAGUS	0.00	0.01	0.86	0.62	1.09
151	STOMACH	0.00	0.00	0.56	0.35	0.72
152	SMALL INTESTINE	0.00	0.00	0.01	0.01	0.02
153	COLON	0.00	0.01	0.14	0.09	0.18
154	RECTUM	0.00	0.01	0.25	0.18	0.30
155	LIVER	0.00	0.01	0.22	0.15	0.33
156	GALLBLADDER	0.00	0.00	0.08	0.05	0.11
157	PANCREAS	0.00	0.00	0.22	0.13	0.32
158	RETROPERITONEUM	0.00	0.00	0.02	0.02	0.02
159	OTHER DIG SYS	0.00	0.00	0.03	0.03	0.04
160	NASAL CAVITY	0.00	0.00	0.07	0.06	0.11
161	LARYNX	0.00	0.00	0.67	0.48	0.80
162	LUNG	0.00	0.01	1.22	0.85	1.57
163	PLEURA	0.00	0.00	0.04	0.02	0.04
164	THYMUS	0.00	0.00	0.01	0.01	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.02	0.03	0.04	0.06
171	CONNECTIVE TIS	0.00	0.01	0.06	0.06	0.09
172	SKIN MELANOMA	0.00	0.00	0.01	0.02	0.02
173	SKIN OTHER	0.00	0.01	0.16	0.13	0.22
175	BREAST MALE	0.00	0.00	0.02	0.02	0.03
185	PROSTATE	0.00	0.00	0.37	0.16	0.59
186	TESTIS	0.00	0.03	0.04	0.06	0.07
187	PENIS ETC	0.00	0.01	0.13	0.10	0.15
188	URI BLADDER	0.00	0.00	0.22	0.14	0.31
189	KIDNEY	0.01	0.00	0.09	0.07	0.10
190	EYE	0.01	0.00	0.01	0.01	0.01
191	BRAIN	0.02	0.02	0.15	0.13	0.24
192	NERVOUS SYS	0.00	0.00	0.00	0.01	0.01
193	THYROID GLAND	0.00	0.01	0.04	0.05	0.05
194	OTH ENDO GLDS	0.00	0.00	0.01	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.03	0.03	0.03
196	SEC LYMPH NODES	0.00	0.00	0.25	0.18	0.33
197	SEC RES ETC	0.00	0.01	0.22	0.16	0.29
198	SEC OTHER	0.00	0.00	0.13	0.11	0.15
199	PRIM UNK	0.00	0.00	0.05	0.03	0.08
200	LYMPHOSARCOMA	0.00	0.01	0.15	0.12	0.19
201	HODGKINS DIS	0.01	0.02	0.06	0.07	0.12
202	OTH LYMPHOMA	0.01	0.02	0.11	0.10	0.15
203	MULT MYELOMA	0.00	0.00	0.07	0.05	0.08
204	LEUK LYMPHATIC	0.03	0.02	0.04	0.09	0.11
205	LEUK MYELOID	0.00	0.02	0.12	0.12	0.19
206	LEUK MONOCYTIC	0.00	0.00	0.00	0.00	0.00
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.01	0.00	0.03	0.02	0.03

POPULATION-BASED CANCER REGISTRY BOMBAY
 CUMULATIVE INCIDENCE RATES (PER CENT)

SEX : FEMALES
 YEAR : 1985

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	0.21	0.14	0.27
142	SALIVARY GLANDS	0.00	0.00	0.03	0.02	0.03
143	GUM	0.00	0.00	0.14	0.10	0.14
144	FLOOR OF MOUTH	0.00	0.00	0.02	0.01	0.02
145	OTHER MOUTH	0.00	0.00	0.24	0.21	0.31
146	OROPHARYNX	0.00	0.00	0.08	0.06	0.13
147	NASOPHARYNX	0.00	0.00	0.02	0.03	0.03
148	HYPOPHARYNX	0.00	0.01	0.21	0.18	0.29
149	PHARYNX ETC	0.00	0.00	0.06	0.05	0.06
150	OESOPHAGUS	0.00	0.01	0.70	0.49	0.94
151	STOMACH	0.00	0.00	0.38	0.29	0.47
152	SMALL INTESTINE	0.00	0.00	0.03	0.01	0.03
153	COLON	0.00	0.00	0.19	0.16	0.23
154	RECTUM	0.00	0.00	0.24	0.17	0.25
155	LIVER	0.00	0.00	0.16	0.12	0.21
156	GALLBLADDER	0.00	0.00	0.16	0.13	0.21
157	PANCREAS	0.00	0.00	0.13	0.08	0.21
158	RETROPERITONEUM	0.00	0.00	0.06	0.04	0.06
159	OTHER DIG SYS	0.00	0.00	0.03	0.02	0.03
160	NASAL CAVITY	0.00	0.01	0.06	0.05	0.08
161	LARYNX	0.00	0.00	0.09	0.09	0.11
162	LUNG	0.00	0.00	0.24	0.15	0.29
163	PLEURA	0.00	0.00	0.01	0.01	0.03
164	THYMUS	0.00	0.00	0.01	0.00	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.01	0.01	0.02	0.03	0.03
171	CONNECTIVE TIS	0.00	0.01	0.08	0.07	0.10
172	SKIN MELANOMA	0.00	0.00	0.04	0.03	0.06
173	SKIN OTHER	0.00	0.00	0.18	0.11	0.21
174	BREAST FEM	0.00	0.09	2.30	1.94	2.69
179	UTERUS UNS	0.00	0.00	0.10	0.06	0.16
180	CERVIX UTERI	0.00	0.08	1.66	1.54	1.97
181	PLACENTA	0.00	0.01	0.01	0.02	0.02
182	BODY UTERUS	0.00	0.00	0.18	0.13	0.22
183	OVARY	0.00	0.03	0.57	0.47	0.68
184	VAGINA	0.00	0.00	0.10	0.09	0.12
188	URI BLADDER	0.00	0.00	0.07	0.06	0.15
189	KIDNEY	0.01	0.00	0.04	0.04	0.07
190	EYE	0.00	0.00	0.00	0.00	0.00
191	BRAIN	0.01	0.02	0.09	0.08	0.13
192	NERVOUS SYS	0.00	0.00	0.00	0.00	0.00
193	THYROID GLAND	0.00	0.02	0.11	0.11	0.15
194	OTH ENDO GLDS	0.00	0.00	0.01	0.01	0.01
195	ILL DEF SITES	0.00	0.00	0.07	0.05	0.08
196	SEC LYMPH NODES	0.00	0.00	0.14	0.10	0.16
197	SEC RES ETC	0.00	0.00	0.23	0.18	0.28
198	SEC OTHER	0.00	0.00	0.09	0.08	0.10
199	PRIM UNK	0.00	0.00	0.04	0.04	0.06
200	LYMPHOSARCOMA	0.00	0.01	0.06	0.05	0.10
201	HODGKINS DIS	0.00	0.00	0.04	0.04	0.06
202	OTH LYMPHOMA	0.00	0.00	0.07	0.07	0.11
203	MULT MYELOMA	0.00	0.00	0.11	0.07	0.13
204	LEUK LYMPHATIC	0.02	0.01	0.03	0.06	0.07
205	LEUK MYELOID	0.01	0.02	0.07	0.08	0.13
206	LEUK MONOCYTIC	0.00	0.00	0.01	0.01	0.01
207	LEUK OTH SPE	0.00	0.00	0.00	0.00	0.00
208	LEUK UNS	0.00	0.00	0.02	0.02	0.02

ESTIMATED RESIDENT POPULATION BY AGE AND SEX
AS ON 1ST JULY 1985 IN BOMBAY
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	578125	10.72	539442	12.53	1117567	11.53
5-9	546292	10.13	524218	12.18	1070510	11.04
10-14	556345	10.32	519376	12.06	1075721	11.09
15-19	531584	9.86	450827	10.47	982411	10.13
20-24	632685	11.73	423916	9.85	1056601	10.90
25-29	489829	9.09	363665	8.45	853494	8.80
30-34	399429	7.41	317227	7.37	716656	7.39
35-39	425587	7.89	356025	8.27	781612	8.06
40-44	353221	6.55	236337	5.49	589558	6.08
45-49	321768	5.97	171572	3.99	493340	5.09
50-54	208257	3.86	115834	2.69	324091	3.34
55-59	130758	2.43	88205	2.05	218963	2.26
60-64	85348	1.58	77512	1.80	162860	1.68
65-69	58941	1.09	52997	1.23	111938	1.15
70-74	52475	0.97	44198	1.03	96673	1.00
75+	20867	0.39	23810	0.55	44677	0.46
ANS	52	0.00	11	0.00	63	0.00
TOTAL	5391563	100.00	4305172	100.00	9696735	100.00

ANS - AGE NOT SPECIFIED

POPULATION-BASED CANCER REGISTRY : MADRAS

The Madras population-based cancer registry was established in July 1981 at the Cancer Institute with financial support from Indian Council of Medical Research. The registry started data collection from 1st January, 1982 on NCRP designed core proforma.

The registry's activities are confined to the limits of the Corporation of Madras, which is coterminus with Madras District. The 1981 census enumerated a population of 3.3 million (1.7 million males, 1.6 million females). The sex ratio is 934 females per 1000 males. Madras city is situated at longitude 80° 17' E and latitude 13° 04' N in the State of Tamil Nadu in the south-eastern part of the subcontinent. It is at sea level. Temperature varies between 60° F and 116° F during the cold and hot seasons respectively, the former falling in the months of November to February and the latter between April and June. The area of registration is 170 square kilometers.

Data are actively collected in a standard format, from 18 major government institutions and hospitals, 143 private hospitals and nursing homes, 25 pathology laboratories, corporation dispensaries and peripheral hospitals and over 600 medical practitioners. In 1985, 15% of cases registered are from the Cancer Institute, 22.4% from the Government General Hospital, 8.4% from Government Stanley Hospital, 12% from the Government Hospital for Women & Children, and 10% from Government Royapettah Hospital. Death Certificate Only cases accounted for 8%. The remaining cases are registered through 43 different sources.

The principal religious groups are Hindu, Christian and Muslim. While the majority of people speak Tamil, Telugu speaking people also live here.

Dr. V. SHANTA, *Project Chief*

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALES YEAR : 1985
 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	2	2	0	0	1	0	5	0.44
141	TONGUE	0	0	0	0	0	1	1	0	0	5	13	9	12	8	7	2	0	61	5.38
142	SALIVARY GL	0	0	0	0	0	0	0	0	0	1	1	0	2	1	1	0	0	7	0.62
143	GUM	0	0	0	0	0	0	0	1	0	4	0	4	4	2	0	5	0	17	1.50
144	FLOOR OF MO	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	3	0.26
145	OTHER MOUTH	0	0	0	0	1	1	3	3	6	3	6	11	9	5	6	2	0	56	4.94
146	OROPHARYNX	0	0	0	0	0	0	0	0	1	2	3	3	1	1	2	0	0	13	1.15
147	NASOPHARYNX	0	0	2	0	1	0	1	1	2	2	1	2	0	0	0	1	0	12	1.06
148	HYPOPHARYNX	0	0	0	0	0	0	0	1	2	5	11	9	6	6	2	4	0	47	4.15
149	PHARYNX ETC	0	0	0	0	0	0	1	1	0	1	2	2	1	0	0	0	0	6	0.53
150	ESOPHAGUS	0	0	0	0	0	2	4	4	7	4	9	18	12	12	11	5	0	86	7.59
151	STOMACH	0	0	0	0	2	4	4	8	15	15	25	24	34	25	13	10	0	179	15.80
152	SMALL INTES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09
153	COLON	0	0	0	2	0	1	1	1	1	3	0	4	1	2	1	3	0	20	1.77
154	RECTUM	0	0	0	0	1	2	2	2	1	0	3	4	8	2	2	2	0	26	2.29
155	LIVER	1	0	0	0	1	0	2	1	0	6	5	7	3	5	5	1	0	36	3.18
156	GALLBLADDER	0	0	0	0	1	0	0	1	0	1	0	1	0	1	0	0	0	5	0.44
157	PANCREAS	0	0	0	0	0	1	0	0	2	0	3	3	2	1	0	1	0	13	1.15
158	RETROPERITO	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	5	0.44
159	OTHER DIG S	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	3	0.26
160	NASAL CAVIT	0	0	0	0	0	0	1	0	0	1	3	0	4	0	0	0	0	9	0.79
161	LARYNX	0	0	1	0	0	0	3	2	4	9	17	13	16	10	7	4	0	53	4.68
162	LUNG	0	0	0	0	0	3	2	4	4	9	13	16	16	10	7	4	0	101	8.91
163	PLEURA	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	3	0.26
164	THYMUS	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.09
165	OTHER RES S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	0	1	2	1	3	0	0	1	1	1	1	0	1	0	0	0	12	1.06
171	CONNECTIVE	1	2	0	1	1	0	1	1	0	2	1	1	0	1	0	0	0	9	0.79
172	SKIN MELANO	0	0	0	0	0	1	0	0	1	1	1	1	1	0	0	0	0	4	0.35
173	SKIN OTHER	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	18	1.59
175	BREAST MALE	0	0	0	0	0	0	0	1	1	3	2	1	0	5	0	2	0	2	0.18
185	PROSTATE	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2	0.18
186	TESTIS	0	1	0	0	3	0	1	1	2	3	3	4	1	2	3	3	0	14	1.24
187	PENIS ETC	0	0	0	0	0	0	1	0	2	3	4	2	2	4	0	4	0	15	1.32
188	URI BLADDER	0	0	0	0	0	0	0	0	4	0	0	2	3	1	2	3	0	15	1.32
189	KIDNEY	1	3	0	0	0	0	0	0	0	2	1	2	0	1	1	1	0	12	1.06
190	EYE	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.35
191	BRAIN	3	1	3	2	1	5	2	0	3	2	1	3	1	1	0	0	0	28	2.47
192	NERVOUS SYS	0	0	1	0	0	0	0	1	0	2	1	0	0	0	0	0	0	2	0.18
193	THYROID GLA	0	0	0	0	0	0	0	0	0	1	1	0	2	2	1	1	0	8	0.71
194	OTH ENDO GL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.26
195	ILL DEF SIT	0	1	0	0	2	1	0	1	1	2	4	0	1	1	0	0	0	14	1.24
196	SEC LYMPH N	0	0	2	1	0	0	0	2	0	2	2	4	4	5	2	2	0	24	2.12
197	SEC RES ETC	0	0	0	0	0	0	0	0	0	0	3	2	0	1	1	0	0	11	0.97
198	SEC OTHER	0	0	0	0	0	1	0	0	0	1	3	3	0	0	1	0	0	9	0.79
199	PRIM UNK	0	0	0	0	0	1	0	0	0	1	3	3	0	1	1	0	0	4	0.35
200	LYMPHOSARCO	0	2	2	2	2	2	0	0	0	0	0	1	0	1	0	0	0	12	1.06
201	HODGKINS DI	0	6	4	3	3	2	1	4	1	2	4	0	0	0	0	0	0	27	2.38
202	OTH LYMPHOM	4	6	3	3	1	4	3	1	1	3	0	2	2	1	2	2	0	38	3.35
203	MULT MYELOM	0	0	0	0	0	0	0	1	1	1	1	2	4	1	1	0	0	11	0.97
204	LEUK LYMPHA	6	11	2	4	2	1	0	0	1	1	0	1	2	1	1	0	0	27	2.38
205	LEUK MYELOI	1	4	0	3	1	0	0	2	1	0	2	1	3	0	0	0	0	18	1.59
206	LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH SP	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	2	0	0	0	0	0	0	0	0	0	1	0	0	0	3	0.26
	TOTAL	22	37	21	23	25	36	29	41	76	106	139	162	151	123	78	64	0	1133	100.00

POPULATION-BASED CANCER REGISTRY MADRAS															SEX : FEMALES															YEAR : 1985														
NUMBER OF INCIDENT CASES OF CANCER BY AGE AND SITE (ICD.9)															AND PERCENTAGES																													
ICD.9	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%																								
140	LIP	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	4	0.26																								
141	TONGUE	0	0	0	0	0	2	0	0	3	7	3	1	4	1	1	0	0	22	1.43																								
142	SALIVARY GL	0	0	0	0	0	0	0	0	1	0	0	1	0	2	0	0	0	4	0.26																								
143	GUM	0	0	0	1	0	0	0	0	1	2	4	2	0	3	1	0	0	14	0.91																								
144	FLOOR OF MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																								
145	OTHER MOUTH	0	0	0	0	1	0	0	7	5	12	15	10	10	6	5	3	0	74	4.81																								
146	OROPHARYNX	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	3	0.20																								
147	NASOPHARYNX	0	0	0	0	0	0	0	0	0	0	1	1	2	0	0	0	0	5	0.33																								
148	HYPOPHARYNX	0	0	0	0	0	3	0	8	4	5	6	2	2	2	0	2	0	33	2.15																								
149	PHARYNX ETC	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	4	0.26																								
150	OESOPHAGUS	0	0	0	0	0	1	2	5	4	9	4	10	16	2	5	5	0	63	4.10																								
151	STOMACH	0	0	0	0	2	0	5	3	2	8	12	8	19	6	8	4	0	77	5.01																								
152	SMALL INTES	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	3	0.20																								
153	COLON	0	0	0	0	0	0	0	0	1	1	1	2	4	2	2	1	0	15	0.98																								
154	RECTUM	0	0	0	0	0	1	3	2	2	4	4	4	3	2	4	1	0	24	1.56																								
155	LIVER	0	1	0	0	0	0	0	0	3	1	2	1	2	1	1	0	0	12	0.78																								
156	GALLEBLADDER	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	4	0.26																								
157	PANCREAS	0	0	0	0	0	0	1	0	0	0	0	1	2	0	0	1	0	5	0.33																								
158	RETROPERITO	0	0	0	0	0	0	1	2	0	4	0	1	0	0	0	0	0	8	0.52																								
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0.13																								
160	NASAL CAVIT	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.07																								
161	LARYNX	0	0	2	0	0	1	1	1	1	1	1	1	1	1	0	0	0	9	0.59																								
162	LUNG	0	0	0	0	0	0	0	1	1	3	7	2	3	3	0	0	0	20	1.30																								
163	PLEURA	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2	0.13																								
164	THYMUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.07																								
165	OTHER RES S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																								
170	BONE	0	2	3	1	0	1	1	1	0	0	0	1	0	2	0	0	0	12	0.78																								
171	CONNECTIVE	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	0	5	0.33																								
172	SKIN MELANO	0	0	0	0	0	0	0	0	0	2	0	0	1	0	0	1	0	4	0.26																								
173	SKIN OTHER	0	0	0	0	0	0	0	0	0	0	1	6	1	4	0	0	0	13	0.85																								
174	BREAST FEM	0	0	0	0	2	6	12	24	31	37	29	38	30	9	11	5	0	234	15.22																								
179	UTERUS UNS	0	0	1	0	0	0	0	0	0	0	0	3	0	0	1	0	0	8	0.52																								
180	CERVIX UTER	0	0	0	0	4	13	33	50	84	109	99	75	57	29	21	14	0	588	38.26																								
181	PLACENTA	0	0	0	1	0	1	0	4	1	4	0	0	1	0	0	0	0	7	0.46																								
182	BODY UTERUS	0	0	0	0	0	0	0	0	1	4	2	3	1	2	2	0	0	17	1.11																								
183	OVARY	0	0	0	4	1	1	1	6	6	15	4	14	10	1	2	2	0	67	4.36																								
184	VAGINA	0	0	0	0	0	0	1	2	1	3	7	1	1	4	1	1	0	22	1.43																								
188	URI BLADDER	0	0	0	0	0	1	0	0	0	0	2	1	1	2	0	1	0	8	0.52																								
189	KIDNEY	4	1	1	0	0	0	0	0	1	0	1	0	0	0	0	1	0	9	0.59																								
190	EYE	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.20																								
191	BRAIN	0	2	1	0	0	1	1	1	0	0	2	0	0	0	0	0	0	11	0.72																								
192	NERVOUS SYS	1	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0	0.00																								
193	THYROID GLA	0	0	0	0	0	1	1	3	2	3	2	4	3	0	1	0	0	22	1.43																								
194	OTH ENDO GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																								
195	ILL DEF SIT	2	0	0	0	1	0	0	1	1	1	0	0	1	1	0	0	0	7	0.46																								
196	SEC LYMPH N	0	0	0	0	0	0	1	0	1	1	1	0	1	1	0	1	0	5	0.33																								
197	SEC RES ETC	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	4	0.26																								
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.26																								
199	PRIM UNK	0	0	0	0	0	1	0	0	1	1	1	2	3	0	1	0	0	10	0.65																								
200	LYMPHOSARCO	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.20																								
201	HODGKINS DI	1	2	2	1	1	1	1	1	1	1	1	1	0	0	0	2	0	15	0.98																								
202	OTH LYMPHOM	1	1	1	1	1	1	1	0	2	2	0	0	1	1	1	2	0	16	1.04																								
203	MULT MYELOM	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	3	0.20																								
204	LEUK LYMPHA	3	4	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	11	0.72																								
205	LEUK MYELOI	1	0	0	1	1	2	1	0	0	3	1	0	0	0	2	0	0	14	0.91																								
206	LEUK MONOCL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																								
207	LEUK OTH SP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.07																								
208	LEUK UNS	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.07																								
TOTAL																			15	17	13	15	19	37	69	127	164	239	224	195	185	93	71	54	0	1537	100.00							

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALES YEAR : 1985
 AGE-SPECIFIC, WORLD AGE ADJUSTED AND TRUNCATED AGE ADJUSTED (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	4.6	5.2	0.0	0.0	9.2	0.3	0.6	1.3
141 TONGUE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.6	20.0	20.8	31.0	38.3	48.5	18.4	3.4	6.2	11.8
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.1	1.5	0.0	5.2	4.8	6.9	0.0	0.4	0.7	1.1
143 GUM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	0.0	4.5	0.0	2.3	10.3	9.6	0.0	45.9	0.9	2.0	2.6
144 FLOOR OF	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.5	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.7
145 OTHER MOU	0.0	0.0	0.0	0.0	0.5	0.6	2.1	2.3	6.0	3.4	9.2	25.5	23.2	23.9	41.6	18.4	3.1	5.2	10.0
146 OROPHARYN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	2.2	4.6	6.9	2.6	4.8	13.9	0.0	0.7	1.2	2.6
147 NASOPHARY	0.0	0.0	1.0	0.0	0.5	0.0	0.0	0.8	2.0	2.2	1.5	4.6	0.0	0.0	0.0	9.2	0.7	0.9	1.8
148 HYPOPHARY	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.8	2.0	5.6	16.9	20.8	15.5	28.7	13.9	36.8	2.6	4.7	9.0
149 PHARYNX E	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.1	1.5	4.6	2.6	0.0	0.0	0.0	0.3	0.5	1.4
150 OESOPHAGU	0.0	0.0	0.0	0.0	0.0	1.2	1.4	3.1	7.0	4.5	13.8	41.7	31.0	57.4	76.3	45.9	4.7	8.8	14.4
151 STOMACH	0.0	0.0	0.0	0.0	1.0	2.4	2.8	6.2	15.0	16.8	38.4	55.6	87.8	119.6	90.1	91.9	9.8	17.6	32.0
152 SMALL INT	0.0	0.0	0.0	0.0	0.0	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
153 COLON	0.0	0.0	0.0	1.2	0.0	0.6	0.7	0.8	1.0	3.4	0.0	9.3	2.6	9.6	6.9	27.6	1.1	2.0	2.5
154 RECTUM	0.0	0.0	0.0	0.0	0.5	1.2	0.0	1.5	1.0	0.0	4.6	9.3	20.7	9.6	6.9	18.4	1.4	2.5	5.1
155 LIVER	0.5	0.0	0.0	0.0	0.0	0.0	1.4	0.8	0.0	6.7	7.7	16.2	7.7	23.9	34.7	9.2	2.0	3.5	5.8
156 GALLBLADD	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.8	0.0	1.1	0.0	2.3	0.0	4.8	0.0	0.0	0.3	0.4	0.7
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	2.0	0.0	4.6	6.9	5.2	4.8	0.0	9.2	0.7	1.2	2.7
158 RETROPERI	0.0	0.0	0.0	0.0	0.5	0.6	0.0	0.0	1.0	0.0	0.0	0.0	0.0	4.8	6.9	0.0	0.3	0.4	0.2
159 OTHER DIG	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	4.8	0.0	9.2	0.2	0.4	0.1
160 NASAL CAV	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	1.1	4.6	0.0	10.3	0.0	0.0	0.0	0.5	0.4	2.3
161 LARYNX	0.0	0.0	0.5	0.0	0.0	0.6	2.1	0.0	4.0	3.4	7.7	30.1	10.3	43.1	55.5	18.4	2.9	5.4	7.9
162 LUNG	0.0	0.0	0.0	0.0	1.8	1.4	3.1	1.4	9.0	19.0	20.0	37.0	41.3	47.8	48.5	36.8	5.6	9.4	19.4
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.1	1.5	0.0	0.0	0.0	0.0	0.0	0.2	0.2	0.7
164 THYMUS	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.1	0.1	0.3
165 OTHER RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.0	0.5	1.2	1.5	0.0	0.0	0.0	1.0	2.2	1.5	2.3	0.0	4.8	0.0	0.0	0.7	0.8	1.2
171 CONNECTIV	0.5	0.9	0.0	0.6	0.0	0.6	0.7	0.0	1.1	1.5	0.0	2.3	0.0	0.0	0.0	0.0	0.5	0.8	0.8
172 SKIN MELA	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	1.0	0.0	1.5	2.3	0.0	0.0	0.0	0.0	0.2	0.3	0.7
173 SKIN OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	3.4	3.1	2.3	7.7	23.9	0.0	18.4	1.0	1.9	2.8
175 BREAST MA	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	0.4
185 PROSTATE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	9.3	2.6	9.6	20.8	27.6	0.8	1.8	1.8
186 TESTIS	0.0	0.5	0.0	0.0	1.5	0.0	0.7	0.8	2.0	3.4	4.6	0.0	2.6	0.0	0.0	0.0	0.8	0.9	2.3
187 PENIS ETC	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.2	6.1	4.6	5.2	19.1	0.0	36.8	1.2	2.3	3.1
188 URI BLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	4.6	7.7	4.8	13.9	27.6	27.6	0.8	1.7	2.4
189 KIDNEY	0.5	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.2	1.5	4.6	0.0	4.8	6.9	9.2	0.7	1.1	1.3
190 EYE	1.9	0.0	0.0	0.0	0.0	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	0.5	1.5	1.2	0.5	2.9	1.4	0.0	3.0	2.2	1.5	6.9	2.6	4.8	0.0	0.0	1.5	1.7	2.5
192 NERVOUS S	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
193 THYROID G	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.1	1.5	0.0	5.2	9.6	6.9	9.2	0.4	1.0	1.1
194 OTH ENDO	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.8	1.0	2.2	6.1	0.0	0.0	4.8	0.0	0.0	0.2	0.4	0.0
195 ILL DEF S	0.0	0.5	0.0	0.0	1.0	0.6	0.0	0.0	0.8	1.0	2.2	6.1	0.0	2.6	4.8	0.0	0.8	1.0	2.1
196 SEC LYMPH	0.0	0.0	1.0	0.6	0.0	0.0	0.0	1.5	0.0	2.2	3.1	9.3	10.3	23.9	0.0	18.4	1.3	2.4	3.8
197 SEC RES E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.4	3.1	4.6	5.2	4.8	6.9	0.0	0.6	1.0	2.4
198 SEC OTHER	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.1	4.6	6.9	0.0	0.0	0.0	9.2	0.5	0.8	1.9
199 PRIM UNK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.3	0.0	4.8	0.0	0.2	0.2	0.5	0.3
200 LYMPHOSAR	0.0	0.9	1.0	1.2	1.0	1.2	0.0	0.6	0.0	0.0	0.0	2.3	0.0	4.8	0.0	9.2	0.7	0.7	0.3
201 HODGKINS	0.0	2.8	2.1	0.0	1.5	1.2	0.7	3.1	1.0	2.2	6.1	0.0	0.0	0.0	0.0	0.0	1.5	1.4	2.2
202 OTH LYMPH	1.9	2.8	1.5	1.7	0.5	2.4	2.1	0.8	1.0	3.4	0.0	4.6	5.2	4.8	13.9	18.4	2.1	2.6	2.3
203 MULT MYEL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	4.6	10.3	4.8	6.9	0.0	0.6	1.1	2.5
204 LEUK LYMP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.4	0.0
205 LEUK MYEL	2.8	5.2	1.0	2.3	1.0	0.6	0.0	0.0	2.0	1.1	3.1	2.3	7.7	0.0	0.0	0.0	1.0	1.2	2.4
206 LEUK MONO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.8	0.0	0.0	0.2	0.2	0.0
TOTAL	10.4	17.4	10.8	13.3	12.3	21.2	20.5	31.5	76.2	118.6	213.6	375.0	389.8	588.5	540.7	588.1	62.3	104.2	177.0

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALES YEAR : 1985
 AGE-SPECIFIC, WORLD AGE ADJUSTED AND TRUNCATED AGE ADJUSTED (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	0.9	0.0	1.2	0.0	1.6	2.5	0.0	0.0	0.0	0.0	0.2	0.3	0.8
141 TONGUE	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	3.6	10.3	4.9	2.5	9.4	4.8	0.0	7.4	1.3	2.0	5.0
142 SALIVARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.2	0.0	0.0	2.5	0.0	9.6	0.0	0.0	0.2	0.5	0.6
143 GUM	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	1.2	3.0	6.5	4.9	0.0	14.4	6.2	0.0	0.8	1.4	2.5
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 MOU	0.0	0.0	0.0	0.5	0.0	0.0	0.0	6.2	6.1	17.7	24.5	24.6	23.5	28.8	30.8	22.3	4.3	6.9	16.0
146 OROPHARYN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	2.4	0.0	6.2	0.0	0.2	0.3	0.6
147 NASOPHARY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	2.5	4.7	0.0	0.0	0.0	0.3	0.5	1.5
148 HYPOPHARY	0.0	0.0	0.0	0.0	0.0	1.9	0.0	7.0	4.9	7.4	9.8	4.9	2.4	9.6	0.0	14.9	1.9	2.7	6.2
149 PHARYNX E	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.2	0.0	1.6	0.0	0.0	0.0	0.0	0.0	7.4	0.2	0.4	0.7
150 OESOPHAGU	0.0	0.0	0.0	0.0	0.0	0.6	1.7	4.4	4.9	13.3	6.5	24.6	37.7	9.6	30.8	37.2	3.6	6.0	13.5
151 STOMACH	0.0	0.0	0.0	0.0	1.1	0.0	4.4	2.6	2.4	11.8	19.6	19.7	44.7	28.8	49.3	29.8	4.5	7.4	14.7
152 SMALL INT	0.0	0.0	0.0	0.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.4	0.2	0.2	0.0
153 COLON	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	1.2	1.5	1.6	4.9	9.4	9.6	12.3	7.4	0.9	1.5	2.6
154 RECTUM	0.0	0.0	0.0	0.0	0.0	0.6	2.6	1.8	0.0	0.0	6.5	9.9	7.1	9.6	24.7	7.4	1.4	2.2	3.6
155 LIVER	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	3.6	1.5	3.3	2.5	4.7	4.8	6.2	0.0	0.7	1.1	2.4
156 GALLBLADD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	9.6	0.0	7.4	0.2	0.5	0.3
157 PANCREAS	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	0.0	0.0	0.0	2.5	4.7	0.0	0.0	0.0	0.3	0.5	0.9
158 RETROPERI	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.9	0.0	2.5	0.0	0.0	0.0	0.0	0.5	0.6	1.8
159 OTHER DIG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8	0.0	0.0	0.1	0.2	0.3
160 NASAL CAV	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
161 LARYNX	0.0	0.0	1.0	0.0	0.0	0.6	0.9	0.0	1.2	1.5	1.6	2.5	2.4	0.0	0.0	0.0	0.5	0.6	1.4
162 LUNG	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.2	4.4	11.4	4.9	7.1	14.4	0.0	0.0	1.2	1.9	4.7
163 PLEURA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.5	0.0	0.0	0.0	0.0	0.1	0.2	0.6
164 THYMUS	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
165 OTHER RES	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
170 BONE	0.0	0.9	1.5	0.6	0.0	0.6	0.9	0.0	2.4	0.0	1.6	0.0	0.0	0.0	0.0	0.0	0.3	0.3	0.9
171 CONNECTIV	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
172 SKIN MELA	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	2.4	0.0	0.0	7.4	0.2	0.4	0.9
173 SKIN OTHE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
174 BREAST FE	0.0	0.0	0.0	0.0	1.1	3.8	10.5	21.1	37.7	54.6	47.3	93.6	70.6	43.2	67.8	37.2	13.5	20.1	50.8
179 UTERUS UN	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.9	0.0	0.0	0.0	6.2	0.0	0.5	0.8	0.8
180 CERVIX UT	0.0	0.0	0.0	0.0	2.1	8.1	28.8	44.0	102.1	160.8	161.6	184.8	134.2	139.1	129.4	104.1	34.0	50.6	126.6
181 PLACENTA	0.0	0.0	0.0	0.6	0.0	0.6	0.0	3.5	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.4	0.4	1.0
182 BODY UTER	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.2	5.9	3.3	7.4	2.4	9.6	6.2	14.9	1.0	1.7	3.2
183 OVARY	0.0	0.0	0.0	2.3	0.5	0.6	0.9	5.3	7.3	22.1	6.5	34.5	23.5	4.8	12.3	14.9	3.9	5.8	15.3
184 VAGINA	0.0	0.0	0.0	0.0	0.0	0.0	0.9	1.8	1.2	4.4	11.4	2.5	2.4	19.2	6.2	7.4	1.3	2.1	3.9
188 URI BLADD	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.0	3.3	2.5	2.4	9.6	0.0	7.4	0.5	0.8	1.1
189 KIDNEY	1.9	0.5	0.5	0.0	0.0	0.0	0.0	0.0	1.2	0.0	1.6	0.0	0.0	0.0	0.0	7.4	0.5	0.6	0.5
190 EYE	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	0.0	0.0	0.2	0.2	0.0
191 BRAIN	0.0	0.9	0.5	0.0	0.5	0.6	0.9	0.9	0.0	3.0	0.0	4.9	0.0	0.0	0.0	0.0	0.6	0.7	1.4
192 NERVOUS S	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.6	0.0	2.4	0.0	0.0	0.0	0.2	0.3	0.9
193 THYROID G	0.0	0.0	0.0	0.0	0.5	0.6	0.9	2.6	2.4	4.4	3.3	9.9	7.1	0.0	6.2	7.4	1.3	1.8	4.5
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 S	0.9	0.0	0.0	0.0	0.5	0.0	0.0	0.9	0.0	1.5	0.0	0.0	2.4	4.8	0.0	0.0	0.4	0.5	0.8
196 SEC LYMPH	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	1.2	1.5	0.0	0.0	2.4	0.0	6.2	0.0	0.3	0.4	0.8
197 SEC RES E	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	2.5	0.0	4.8	0.0	7.4	0.0	0.2	0.5	0.6
198 SEC OTHER	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	1.5	0.0	2.5	0.0	0.0	6.2	0.0	0.2	0.4	0.6
199 PRIM UNK	0.0	0.0	0.0	1.1	0.0	0.0	0.0	0.0	1.2	1.5	1.6	4.9	7.1	0.0	0.0	0.0	0.6	0.8	2.3
200 LYMPHOSAR	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	0.0	0.0	0.2	0.1	0.0
201 HODGKINS	0.5	0.9	1.0	1.1	0.5	0.6	0.0	0.9	1.2	1.5	1.6	0.0	0.0	0.0	0.0	0.0	0.2	0.1	0.0
202 OTH LYMPH	0.5	0.5	0.6	0.6	0.5	0.6	0.9	0.0	2.4	3.0	0.0	0.0	2.4	4.8	6.2	14.9	0.9	1.3	1.3
203 MULT MYEL	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.9	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.2	0.2	0.5
204 LEUK LYMP	1.4	1.8	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.4	4.8	6.2	0.0	0.6	0.8	0.3
205 LEUK MYEL	0.5	0.0	0.0	0.6	1.1	0.6	0.0	1.8	3.6	1.5	0.0	2.5	0.0	0.0	12.3	0.0	0.8	1.0	1.6
206 LEUK MONO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2
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	2.4	0.0	0.0	0.0	0.1	0.1	0.3
TOTAL	7.0	7.7	6.7	8.5	10.2	23.2	60.2	111.7	199.3	352.6	365.6	480.5	435.4	446.2	437.7	401.7	88.9	134.2	305.6

POPULATION-BASED CANCER REGISTRY MADRAS SEX : MALE YEAR : 1985
 INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	3	60.00	0	0.00	2	40.00	0	0.00	0	0.00	2	0.00
141	TONGUE	41	67.21	0	0.00	18	29.51	0	0.00	2	3.28	61	100.00
142	SALIVARY GLANDS	6	85.71	0	0.00	1	14.29	0	0.00	0	0.00	7	100.00
143	GUM	9	52.94	0	0.00	8	47.06	0	0.00	0	0.00	17	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	33	58.93	1	1.79	19	33.93	0	0.00	3	5.36	56	100.00
146	OROPHARYNX	11	84.62	0	0.00	2	15.38	0	0.00	0	0.00	13	100.00
147	NASOPHARYNX	10	83.33	0	0.00	2	16.67	0	0.00	0	0.00	12	100.00
148	HYPOPHARYNX	30	63.83	2	4.26	10	21.28	4	8.51	1	2.13	47	100.00
149	PHARYNX ETC	1	16.67	0	0.00	3	50.00	0	0.00	2	33.33	6	100.00
150	ESOPHAGUS	49	56.98	3	3.49	18	20.93	10	11.63	6	6.98	86	100.00
151	STOMACH	78	43.58	5	2.79	33	18.44	34	18.99	25	16.20	179	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	1	100.00	0	0.00	1	100.00
153	COLON	11	55.00	2	10.00	5	25.00	1	5.00	1	5.00	20	100.00
154	RECTUM	13	50.00	1	3.85	6	23.08	2	7.69	4	15.38	26	100.00
155	LIVER	14	38.89	3	8.33	7	19.44	1	2.78	11	30.56	36	100.00
156	GALLBLADDER	2	40.00	0	0.00	2	40.00	0	0.00	1	20.00	5	100.00
157	PANCREAS	3	23.08	0	0.00	7	53.85	1	7.69	2	15.38	13	100.00
158	RETROPERITONEUM	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00	3	100.00
160	NASAL CAVITY	7	77.78	1	11.11	1	11.11	0	0.00	0	0.00	9	100.00
161	LARYNX	39	73.58	0	0.00	7	13.21	4	7.55	3	5.66	53	100.00
162	LUNG	39	38.61	24	23.76	17	16.83	7	6.93	14	13.86	101	100.00
163	PLEURA	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
164	THYMUS	0	0.00	1	100.00	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	66.67	1	8.33	2	16.67	0	0.00	1	8.33	12	100.00
171	CONNECTIVE TIS	9	100.00	0	0.00	0	0.00	0	0.00	0	0.00	9	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	18	100.00	0	0.00	0	0.00	0	0.00	0	0.00	18	100.00
175	BREAST MALE	1	50.00	0	0.00	0	0.00	0	0.00	1	50.00	2	100.00
185	PROSTATE	7	50.00	0	0.00	2	14.29	0	0.00	5	35.71	14	100.00
186	TESTIS	13	86.67	1	6.67	1	6.67	0	0.00	0	0.00	15	100.00
187	PENIS ETC	17	80.95	0	0.00	4	19.05	0	0.00	0	0.00	21	100.00
188	URI BLADDER	10	66.67	0	0.00	3	20.00	1	6.67	1	6.67	15	100.00
189	KIDNEY	5	41.67	3	25.00	1	8.33	0	0.00	3	25.00	12	100.00
190	EYE	4	100.00	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00
191	BRAIN	22	78.57	0	0.00	3	10.71	0	0.00	3	10.71	28	100.00
192	NERVOUS SYS	2	100.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
193	THYROID GLAND	3	37.50	2	25.00	3	37.50	0	0.00	0	0.00	8	100.00
194	OTH ENDO GLDS	1	33.33	1	33.33	0	0.00	0	0.00	0	0.00	3	100.00
195	ILL DEF SITES	8	57.14	0	0.00	4	28.57	0	0.00	2	14.29	14	100.00
196	SEC LYMPH NODES	20	83.33	0	0.00	4	16.67	0	0.00	0	0.00	24	100.00
197	SEC RES ETC	4	36.36	2	18.18	3	27.27	0	0.00	2	18.18	11	100.00
198	SEC OTHER	5	55.56	0	0.00	3	33.33	0	0.00	1	11.11	9	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	4	100.00	4	100.00
200	LYMPHOSARCOMA	9	75.00	0	0.00	1	8.33	0	0.00	2	16.67	12	100.00
201	HODGKINS DIS	23	85.19	0	0.00	4	14.81	0	0.00	0	0.00	27	100.00
202	OTH LYMPHOMA	20	52.63	2	5.26	11	28.95	0	0.00	5	13.16	38	100.00
203	MULT MYELOMA	3	27.27	6	54.55	1	9.09	0	0.00	1	9.09	11	100.00
204	LEUK LYMPHATIC	24	88.89	0	0.00	3	11.11	0	0.00	0	0.00	27	100.00
205	LEUK MYELOID	12	66.67	0	0.00	4	22.22	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	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
208	LEUK UNS	0	0.00	0	0.00	1	33.33	0	0.00	2	66.67	3	100.00
ALL SITES TOTALS		662	58.43	61	5.38	226	19.95	66	5.88	118	10.41	1133	100.00

POPULATION-BASED CANCER REGISTRY MADRAS SEX : FEMALE YEAR : 1985
 INCIDENT CASES OF CANCER BY MOST VALID BASIS OF DIAGNOSIS AND SITE (ICD.9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		D.C.O.		TOTALS	
		n	%	n	%	n	%	n	%	n	%	n	%
140	LIP	2	50.00	0	0.00	1	25.00	0	0.00	1	25.00	4	100.00
141	TONGUE	13	59.09	0	0.00	8	36.36	0	0.00	1	4.55	22	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	9	64.29	0	0.00	5	35.71	0	0.00	0	0.00	14	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	35	47.30	0	0.00	37	50.00	0	0.00	2	2.70	74	100.00
146	OROPHARYNX	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
147	NASOPHARYNX	2	40.00	0	0.00	2	40.00	0	0.00	1	20.00	5	100.00
148	HYPOPHARYNX	28	84.85	0	0.00	2	6.06	2	6.06	1	3.03	33	100.00
149	PHARYNX ETC	2	50.00	0	0.00	2	50.00	0	0.00	0	0.00	4	100.00
150	OESOPHAGUS	32	50.79	3	4.76	13	20.63	7	11.11	8	12.70	63	100.00
151	STOMACH	30	38.96	4	5.19	22	28.57	9	11.69	12	15.58	77	100.00
152	SMALL INTESTINE	2	66.67	0	0.00	0	0.00	0	0.00	1	33.33	3	100.00
153	COLON	7	46.67	2	13.33	3	20.00	0	0.00	3	20.00	15	100.00
154	RECTUM	14	58.33	3	12.50	6	25.00	0	0.00	1	4.17	24	100.00
155	LIVER	8	66.67	1	8.33	1	8.33	0	0.00	2	16.67	12	100.00
156	GALLBLADDER	2	50.00	1	25.00	0	0.00	0	0.00	1	25.00	4	100.00
157	PANCREAS	0	0.00	1	20.00	2	40.00	1	20.00	1	20.00	5	100.00
158	RETROPERITONEUM	6	75.00	0	0.00	1	12.50	0	0.00	1	12.50	8	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	100.00
160	NASAL CAVITY	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
161	LARYNX	5	55.56	1	11.11	1	11.11	1	11.11	1	11.11	9	100.00
162	LUNG	6	30.00	3	15.00	5	25.00	2	10.00	4	20.00	20	100.00
163	PLEURA	0	0.00	0	0.00	1	50.00	0	0.00	1	50.00	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	66.67	3	25.00	1	8.33	0	0.00	0	0.00	12	100.00
171	CONNECTIVE TIS	5	100.00	0	0.00	0	0.00	0	0.00	0	0.00	5	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	12	92.31	0	0.00	1	7.69	0	0.00	0	0.00	13	100.00
174	BREAST FEM	155	66.24	6	2.56	58	24.79	1	0.43	14	5.98	234	100.00
179	UTERUS UNS	4	50.00	0	0.00	2	25.00	0	0.00	2	25.00	8	100.00
180	CERVIX UTERI	503	85.54	0	0.00	73	12.41	0	0.00	12	2.04	588	100.00
181	PLACENTA	5	71.43	0	0.00	0	0.00	1	14.29	1	14.29	7	100.00
182	BODY UTERUS	15	88.24	0	0.00	2	11.76	0	0.00	0	0.00	17	100.00
183	OVARY	42	62.69	6	8.96	12	17.91	2	2.99	5	7.46	67	100.00
184	VAGINA	21	95.45	0	0.00	1	4.55	0	0.00	0	0.00	22	100.00
188	URI BLADDER	6	75.00	0	0.00	1	12.50	0	0.00	1	12.50	8	100.00
189	KIDNEY	8	88.89	0	0.00	1	11.11	0	0.00	0	0.00	9	100.00
190	EYE	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
191	BRAIN	8	72.73	0	0.00	2	18.18	0	0.00	1	9.09	11	100.00
192	NERVOUS SYS	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
193	THYROID GLAND	15	68.18	2	9.09	5	22.73	0	0.00	0	0.00	22	100.00
194	OTH ENDO GLDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	3	42.86	1	14.29	3	42.86	0	0.00	0	0.00	7	100.00
196	SEC LYMPH NODES	4	80.00	0	0.00	1	20.00	0	0.00	0	0.00	5	100.00
197	SEC RES ETC	3	75.00	0	0.00	1	25.00	0	0.00	0	0.00	4	100.00
198	SEC OTHER	2	50.00	1	25.00	0	0.00	0	0.00	1	25.00	4	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	3	100.00	0	0.00	0	0.00	0	0.00	0	0.00	3	100.00
201	HODGKINS DIS	12	80.00	0	0.00	1	6.67	0	0.00	2	13.33	15	100.00
202	OTH LYMPHOMA	9	56.25	0	0.00	6	37.50	0	0.00	1	6.25	16	100.00
203	MULT MYELOMA	2	66.67	1	33.33	0	0.00	0	0.00	0	0.00	3	100.00
204	LEUK LYMPHATIC	8	72.73	0	0.00	2	18.18	0	0.00	1	9.09	11	100.00
205	LEUK MYELOID	9	64.29	0	0.00	3	21.43	0	0.00	2	14.29	14	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	1	100.00	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00
208	LEUK UNS	0	0.00	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
ALL SITES TOTALS		1084		39		290		27		97		1537	
		70.53		2.54		18.87		1.76		6.31		100.00	

POPULATION-BASED CANCER REGISTRY MADRAS
 CUMULATIVE INCIDENCE RATES (PER CENT)

SEX : MALES
 YEAR : 1985

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.05	0.05	0.05
141	TONGUE	0.00	0.00	0.60	0.41	0.84
142	SALIVARY GLANDS	0.00	0.00	0.06	0.04	0.10
143	GUM	0.00	0.00	0.14	0.09	0.14
144	FLOOR OF MOUTH	0.00	0.00	0.02	0.02	0.02
145	OTHER MOUTH	0.00	0.02	0.47	0.36	0.69
146	OROPHARYNX	0.00	0.00	0.11	0.09	0.18
147	NASOPHARYNX	0.01	0.00	0.06	0.06	0.06
148	HYPOPHARYNX	0.00	0.00	0.45	0.31	0.52
149	PHARYNX ETC	0.00	0.00	0.05	0.05	0.05
150	OESOPHAGUS	0.00	0.01	0.79	0.52	1.19
151	STOMACH	0.00	0.03	1.70	1.13	2.18
152	SMALL INTESTINE	0.00	0.00	0.00	0.00	0.03
153	COLON	0.00	0.01	0.13	0.10	0.18
154	RECTUM	0.00	0.01	0.23	0.19	0.28
155	LIVER	0.00	0.01	0.32	0.21	0.50
156	GALLBLADDER	0.00	0.00	0.04	0.02	0.05
157	PANCREAS	0.00	0.00	0.12	0.10	0.12
158	RETROPERITONEUM	0.00	0.01	0.03	0.01	0.07
159	OTHER DIG SYS	0.00	0.00	0.03	0.00	0.03
160	NASAL CAVITY	0.00	0.00	0.08	0.08	0.08
161	LARYNX	0.00	0.01	0.49	0.29	0.79
162	LUNG	0.00	0.02	0.89	0.66	1.15
163	PLEURA	0.00	0.00	0.02	0.02	0.02
164	THYMUS	0.00	0.00	0.01	0.01	0.01
165	OTHER RES SYS	0.00	0.00	0.00	0.00	0.00
170	BONE	0.00	0.01	0.06	0.05	0.08
171	CONNECTIVE TIS	0.01	0.01	0.03	0.04	0.04
172	SKIN MELANOMA	0.00	0.00	0.02	0.03	0.03
173	SKIN OTHER	0.00	0.00	0.21	0.09	0.21
175	BREAST MALE	0.00	0.00	0.01	0.01	0.01
185	PROSTATE	0.00	0.00	0.11	0.07	0.22
186	TESTIS	0.00	0.01	0.07	0.08	0.08
187	PENIS ETC	0.00	0.00	0.20	0.10	0.20
188	URI BLADDER	0.00	0.00	0.11	0.08	0.18
189	KIDNEY	0.01	0.00	0.07	0.05	0.11
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.02	0.03	0.11	0.13	0.15
192	NERVOUS SYS	0.00	0.00	0.00	0.01	0.01
193	THYROID GLAND	0.00	0.00	0.09	0.04	0.12
194	OTH ENDO GLDS	0.00	0.00	0.02	0.00	0.03
195	ILL DEF SITES	0.00	0.01	0.09	0.07	0.10
196	SEC LYMPH NODES	0.01	0.00	0.25	0.14	0.26
197	SEC RES ETC	0.00	0.00	0.11	0.08	0.14
198	SEC OTHER	0.00	0.00	0.06	0.07	0.10
199	PRIM UNK	0.00	0.00	0.04	0.01	0.04
200	LYMPHOSARCOMA	0.01	0.02	0.04	0.04	0.06
201	HODGKINS DIS	0.02	0.02	0.06	0.10	0.10
202	OTH LYMPHOMA	0.03	0.03	0.10	0.14	0.23
203	MULT MYELOMA	0.00	0.00	0.12	0.09	0.15
204	LEUK LYMPHATIC	0.05	0.02	0.02	0.06	0.09
205	LEUK MYELOID	0.01	0.01	0.08	0.10	0.10
206	LEUK MONOCYTTIC	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	0.01	0.03

POPULATION-BASED CANCER REGISTRY MADRAS
 CUMULATIVE INCIDENCE RATES (PER CENT)

SEX : FEMALES
 YEAR : 1985

ICD.9	SITE	0-14	15-34	35-69	0-64	0-74
140	LIP	0.00	0.00	0.03	0.03	0.03
141	TONGUE	0.00	0.01	0.18	0.16	0.18
142	SALIVARY GLANDS	0.00	0.00	0.07	0.02	0.07
143	GUM	0.00	0.00	0.15	0.08	0.18
144	FLOOR OF MOUTH	0.00	0.00	0.00	0.00	0.00
145	OTHER MOUTH	0.00	0.00	0.66	0.52	0.81
146	OROPHARYNX	0.00	0.00	0.02	0.02	0.05
147	NASOPHARYNX	0.00	0.00	0.05	0.05	0.05
148	HYPOPHARYNX	0.00	0.01	0.23	0.19	0.24
149	PHARYNX ETC	0.00	0.00	0.02	0.02	0.02
150	OESOPHAGUS	0.00	0.01	0.50	0.47	0.67
151	STOMACH	0.00	0.03	0.65	0.53	0.92
152	SMALL INTESTINE	0.00	0.01	0.00	0.01	0.01
153	COLON	0.00	0.00	0.14	0.10	0.21
154	RECTUM	0.00	0.02	0.17	0.14	0.31
155	LIVER	0.00	0.00	0.10	0.08	0.13
156	GALLBLADDER	0.00	0.00	0.06	0.01	0.06
157	PANCREAS	0.00	0.00	0.04	0.04	0.04
158	RETROPERITONEUM	0.00	0.00	0.05	0.05	0.05
159	OTHER DIG SYS	0.00	0.00	0.04	0.01	0.04
160	NASAL CAVITY	0.00	0.00	0.00	0.00	0.00
161	LARYNX	0.01	0.01	0.05	0.06	0.06
162	LUNG	0.00	0.00	0.22	0.15	0.22
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	0.01	0.01	0.06	0.04	0.09
171	CONNECTIVE TIS	0.00	0.00	0.02	0.03	0.03
172	SKIN MELANOMA	0.00	0.00	0.03	0.03	0.03
173	SKIN OTHER	0.00	0.00	0.18	0.08	0.18
174	BREAST FEM	0.00	0.08	1.84	1.70	2.26
179	UTERUS UNS	0.00	0.00	0.10	0.03	0.13
180	CERVIX UTERI	0.00	0.20	4.63	4.13	5.48
181	PLACENTA	0.00	0.01	0.03	0.04	0.04
182	BODY UTERUS	0.00	0.00	0.15	0.11	0.18
183	OVARY	0.00	0.02	0.52	0.52	0.60
184	VAGINA	0.00	0.00	0.21	0.12	0.25
188	URI BLADDER	0.00	0.00	0.09	0.04	0.09
189	KIDNEY	0.01	0.00	0.01	0.03	0.03
190	EYE	0.01	0.00	0.00	0.01	0.01
191	BRAIN	0.01	0.01	0.04	0.06	0.06
192	NERVOUS SYS	0.00	0.00	0.03	0.03	0.03
193	THYROID GLAND	0.00	0.01	0.15	0.16	0.19
194	OTH ENDO GLDS	0.00	0.00	0.00	0.00	0.00
195	ILL DEF SITES	0.00	0.00	0.05	0.03	0.05
196	SEC LYMPH NODES	0.00	0.00	0.03	0.03	0.06
197	SEC RES ETC	0.00	0.00	0.04	0.02	0.04
198	SEC OTHER	0.00	0.00	0.02	0.02	0.05
199	PRIM UNK	0.00	0.01	0.08	0.09	0.09
200	LYMPHOSARCOMA	0.00	0.00	0.00	0.01	0.01
201	HODGKINS DIS	0.01	0.01	0.03	0.05	0.05
202	OTH LYMPHOMA	0.01	0.01	0.06	0.06	0.11
203	MULT MYELOMA	0.00	0.00	0.02	0.02	0.02
204	LEUK LYMPHATIC	0.02	0.00	0.04	0.03	0.09
205	LEUK MYELOID	0.00	0.01	0.05	0.06	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	0.00	0.01	0.01	0.01

ESTIMATED RESIDENT POPULATION BY AGE AND SEX
AS ON 1ST JULY 1985 IN MADRAS
TOTAL POPULATION (ALL RELIGIOUS COMMUNITIES)

AGE-GROUP (YEARS)	MALE		FEMALE		TOTAL	
	NUMBER	%	NUMBER	%	NUMBER	%
0-4	210614	11.59	213876	12.38	424490	11.97
5-9	213018	11.72	221710	12.83	434728	12.26
10-14	194101	10.68	195364	11.30	389465	10.98
15-19	173353	9.54	177172	10.25	350525	9.88
20-24	203256	11.18	187103	10.83	390359	11.01
25-29	169566	9.33	159769	9.24	329335	9.29
30-34	141484	7.78	114578	6.63	256062	7.22
35-39	130072	7.16	113670	6.58	243742	6.87
40-44	99695	5.48	82292	4.76	181987	5.13
45-49	89356	4.92	67781	3.92	157137	4.43
50-54	65073	3.58	61267	3.55	126340	3.56
55-59	43195	2.38	40579	2.35	83774	2.36
60-64	38738	2.13	42488	2.46	81226	2.29
65-69	20900	1.15	20841	1.21	41741	1.18
70-74	14425	0.79	16223	0.94	30648	0.86
75+	10883	0.60	13443	0.78	24326	0.69
ANS	159	0.01	83	0.00	242	0.01
TOTAL	1817888	100.00	1728239	100.00	3546127	100.00

ANS - AGE NOT SPECIFIED

HOSPITAL CANCER REGISTRY : CHANDIGARH

This hospital registry is in the Post-Graduate Institute of Medical Education and Research, Chandigarh. This is a major referral and speciality-oriented medical centre. Approximately half of the cancer patients come from Chandigarh. Another 20% come from the adjoining states of Punjab, Haryana and Himachal Pradesh. The rest are drawn from Jammu & Kashmir and Western Uttar Pradesh.

According to the 1981 census, most of the population of this patient catchment area speak the Punjabi language and next most frequently spoken language is Hindi. Chandigarh's population is 450,061. Religious affiliations identify cultural and lifestyle factors; the major religious groups in this population are Sikh, Hindu and Muslim.

The registry is functional from January 1, 1982. Sources of information primarily are the departments of radiotherapy, surgical oncology and pathology. Registry staff search inpatient and outpatient records to abstract information in a core proforma.

Comments : The total cases registered in 1985 are 2428 (1143 in men and 1285 in women). Lung cancer is the commonest cancer in males : in 1982 (11.8%), in 1983 (12.1%), in 1984 (10.2%) and in 1985 (10.2%). Lung cancer is also more diagnosed in Chandigarh compared to other Indian registries. Next in frequency are leukaemias, lymphomas, hypopharynx, oesophageal, and brain & nervous system cancers. Cancers of the lip, oral cavity and pharynx are 19.8% of all cancers in men.

Commonest cancers in women are cervical (44.4%) and breast (14.2%). Cancers of the lip, oral cavity and pharynx are diagnosed in 7.6% of all malignancies in females.

Dr. B.D. GUPTA, *Project Chief*
Mr. S.P.S. BHATIA, *Bio-statistician*

HOSPITAL CANCER REGISTRY CHANDIGARH SEX : MALE YEAR : 1985

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

ICD.9	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%	
140	LIP	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.09	
141	TONGUE	0	0	0	0	0	2	1	3	6	9	10	12	13	3	3	3	0	0	65	5.69
142	SALIVARY GL	0	1	0	0	2	2	1	0	1	0	2	0	0	0	0	0	0	0	12	1.05
143	GUM	0	0	0	0	0	0	1	0	2	1	1	0	0	0	0	0	0	0	5	0.44
144	FLOOR OF MO	0	0	0	0	0	0	0	0	1	0	1	1	2	0	0	0	0	0	5	0.44
145	OTHER MOUTH	0	0	0	0	0	1	2	4	1	4	1	4	1	1	1	1	0	0	21	1.84
146	OROPHARYNX	0	0	0	0	0	0	2	2	2	3	3	4	2	2	2	1	0	0	20	1.75
147	NASOPHARYNX	1	0	0	2	0	0	1	1	2	1	4	3	1	0	0	1	0	0	17	1.49
148	HYPOPHARYNX	0	0	0	1	1	5	5	3	4	3	11	15	6	8	7	4	0	0	73	6.39
149	PHARYNX ETC	0	0	0	0	0	1	4	3	6	8	9	6	17	8	5	4	0	0	72	6.30
150	OESOPHAGUS	0	0	0	0	0	1	2	3	3	6	3	8	1	3	2	1	0	0	33	2.89
151	STOMACH	0	0	0	0	0	1	2	3	3	6	0	0	1	3	2	0	0	0	1	0.09
152	SMALL INTES	0	0	0	0	0	0	1	4	4	3	2	2	2	3	0	0	0	0	22	1.92
153	COLON	0	1	0	0	0	0	1	4	4	3	7	4	7	3	0	0	0	0	38	3.32
154	RECTUM	0	0	0	1	0	2	2	2	4	5	7	4	7	3	0	1	0	0	5	0.44
155	LIVER	2	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	9	0.79
156	GALLBLADDER	0	0	0	0	0	1	0	1	1	1	2	1	1	0	1	0	0	0	9	0.79
157	PANCREAS	0	0	0	0	0	0	1	1	0	2	0	1	4	0	0	0	0	0	9	0.79
158	RETROPERITO	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.17
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	NASAL CAVIT	1	0	0	1	1	1	1	1	1	4	2	3	4	1	2	4	0	0	23	2.01
161	LARYNX	0	0	0	0	1	1	1	2	5	3	12	13	7	9	2	4	0	0	60	5.25
162	LUNG	0	0	0	0	0	1	2	6	11	21	26	22	16	7	5	1	0	117	10.24	
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
164	THYMUS	0	1	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	4	0.35
165	OTHER RES S	0	1	1	5	5	1	0	1	0	3	0	0	0	0	0	0	0	0	18	1.57
170	BONE	0	1	0	2	3	5	2	3	0	1	4	2	0	1	0	0	0	0	26	2.27
171	CONNECTIVE	1	0	2	3	2	5	2	3	0	1	4	2	0	0	0	0	0	0	2	0.17
172	SKIN MELANO	0	0	0	0	0	0	0	0	1	3	5	3	4	4	3	2	0	0	32	2.80
173	SKIN OTHER	0	0	0	0	1	1	2	3	1	3	5	3	4	1	0	0	0	0	3	0.26
175	BREAST MALE	0	0	0	0	0	0	0	0	2	0	2	4	5	4	1	4	0	0	21	1.84
185	PROSTATE	0	0	0	0	0	0	0	0	0	1	2	4	1	2	2	0	0	0	22	1.92
186	TESTIS	1	0	0	2	2	1	5	4	2	1	1	0	1	2	0	0	0	0	20	1.75
187	PENIS ETC	0	0	0	0	0	1	0	0	2	1	2	7	3	2	2	1	0	0	33	2.89
188	URI BLADDER	0	1	0	0	0	1	0	1	2	2	4	9	8	2	2	1	0	0	33	2.89
189	KIDNEY	3	1	0	0	0	0	0	1	4	0	4	1	4	2	1	0	0	0	12	1.05
190	EYE	6	2	1	0	1	0	0	0	0	0	0	2	3	0	0	0	0	0	67	5.86
191	BRAIN	2	5	6	3	5	8	7	6	8	4	2	6	3	2	0	0	0	0	10	0.87
192	NERVOUS SYS	0	0	1	0	1	2	0	1	1	0	2	2	2	0	2	1	0	0	5	0.44
193	THYROID GLA	0	0	0	0	0	0	0	0	1	0	2	2	2	0	0	0	0	0	10	0.87
194	OTH ENDO GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	ILL DEF SIT	0	0	0	0	0	0	0	0	0	1	1	1	3	1	0	0	0	0	5	0.44
196	SEC LYMPH N	0	0	0	1	0	2	1	1	6	3	2	3	3	1	0	1	0	0	24	2.10
197	SEC RES ETC	1	0	0	0	1	0	2	2	2	3	1	2	4	1	1	1	0	0	15	1.31
198	SEC OTHER	0	0	0	0	0	1	0	4	2	1	2	1	1	1	1	0	0	0	2	0.17
199	PRIM UNK	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
200	LYMPHOSARCO	0	1	2	2	2	3	1	1	5	1	3	2	2	3	1	1	0	0	30	2.62
201	HODGKINS DI	0	11	1	6	0	5	0	2	0	3	0	0	0	1	0	0	0	0	29	2.54
202	OTH LYMPHOM	1	2	0	0	2	1	1	1	2	3	0	2	1	0	0	0	0	0	16	1.40
203	MULT MYELOM	0	0	0	0	0	0	0	0	0	2	4	0	2	0	1	0	0	0	9	0.79
204	LEUK LYMPHA	14	7	8	4	3	0	1	2	1	1	2	2	0	1	1	0	0	0	47	4.11
205	LEUK MYELOI	2	3	0	4	4	4	5	2	1	2	2	1	1	1	0	0	0	0	34	2.97
206	LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH SP	0	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	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0.09
	TOTAL	36	38	23	37	37	56	51	71	97	111	137	151	135	76	47	40	0	1143	100.00	

HOSPITAL CANCER REGISTRY CHANDIGARH YEAR : 1985
 CANCER CASES 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	1	0	0	0	1	3	5	3	1	1	0	2	0	17	1.32
142 SALIVARY GL	0	0	0	1	0	0	0	1	1	2	0	1	0	0	0	0	0	6	0.47
143 GUM	0	0	0	0	0	0	1	0	0	2	1	2	1	0	0	0	0	7	0.54
144 FLOOR OF MO	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.08
145 OTHER MOUTH	0	0	0	0	1	0	0	0	0	1	5	0	1	0	2	0	0	12	0.93
146 OROPHARYNX	0	0	0	0	0	0	0	0	0	1	1	2	1	0	1	0	0	6	0.47
147 NASOPHARYNX	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	4	0.31
148 HYPOPHARYNX	0	0	0	0	1	2	0	3	3	9	3	3	6	3	1	0	0	38	2.96
149 PHARYNX ETC	0	0	0	0	0	1	0	1	1	0	1	1	1	0	0	1	0	6	0.47
150 OESOPHAGUS	0	0	0	0	0	0	3	4	7	11	4	8	5	5	1	2	0	50	3.89
151 STOMACH	0	0	0	0	0	0	1	0	1	3	5	5	0	0	0	0	0	10	0.78
152 SMALL INTES	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.08
153 COLON	0	0	0	0	0	0	0	0	1	1	0	1	2	0	0	0	0	4	0.31
154 RECTUM	0	0	0	0	1	0	0	2	4	1	1	1	1	1	1	1	0	14	1.09
155 LIVER	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0.16
156 GALLBLADDER	0	0	0	0	0	0	0	2	3	2	4	2	2	2	3	1	0	21	1.63
157 PANCREAS	0	0	0	0	0	0	2	1	0	2	1	0	1	0	0	0	0	8	0.62
158 RETROPERITO	0	0	0	0	0	0	1	2	2	2	0	0	0	0	0	0	0	5	0.39
159 OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160 NASAL CAVIT	0	0	0	0	0	0	1	0	2	2	3	1	2	1	1	0	0	13	1.01
161 LARYNX	0	0	0	0	0	0	0	0	2	2	2	0	1	1	0	0	0	7	0.54
162 LUNG	0	0	0	0	0	0	1	3	1	5	3	3	6	0	0	0	0	19	1.48
163 PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.08
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 S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170 BONE	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	4	0.31
171 CONNECTIVE	0	0	0	2	0	0	4	0	2	1	0	0	1	1	0	1	0	12	0.93
172 SKIN MELANO	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173 SKIN OTHER	0	0	0	1	1	0	0	1	0	0	0	0	2	0	5	3	0	15	1.17
174 BREAST FEM	0	0	0	0	1	1	16	30	34	35	28	19	8	6	4	0	0	182	14.16
179 UTERUS UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
180 CERVIX UTER	0	0	0	0	0	7	51	76	91	88	110	75	42	14	10	6	0	570	44.36
181 PLACENTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
182 BODY UTERUS	0	0	0	0	0	0	2	0	3	2	6	7	4	2	1	1	0	28	2.18
183 OVARY	0	0	1	1	2	1	2	2	6	2	7	6	2	2	2	0	0	36	2.80
184 VAGINA	0	0	0	0	0	0	1	2	1	3	1	1	0	0	1	0	0	9	0.70
188 URI BLADDER	0	0	0	0	1	0	0	2	0	0	0	2	1	1	1	2	0	10	0.78
189 KIDNEY	0	0	0	0	0	0	1	0	1	0	0	2	0	1	0	0	0	5	0.39
190 EYE	2	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	4	0.31
191 BRAIN	1	6	1	1	5	0	3	3	1	1	2	1	3	0	0	0	0	28	2.18
192 NERVOUS SYS	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	3	0.23
193 THYROID GLA	0	0	0	0	3	1	1	3	2	3	3	2	0	1	2	0	0	21	1.63
194 OTH ENDO GL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.08
195 ILL DEF SIT	2	0	0	0	1	2	0	0	0	1	0	0	0	1	0	0	0	7	0.54
196 SEC LYMPH N	0	0	0	0	0	0	3	1	2	2	1	3	2	3	0	0	0	20	1.56
197 SEC RES ETC	0	0	0	0	0	0	0	0	1	3	2	0	4	1	1	0	0	10	0.78
198 SEC OTHER	0	0	0	0	0	1	1	0	1	3	2	0	0	1	0	0	0	0	0.00
199 PRIM UNK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
200 LYMPHOSARCO	0	0	0	0	0	2	1	1	0	0	1	0	1	0	0	0	0	6	0.47
201 HODGKINS DI	1	0	1	1	1	0	0	2	0	0	2	0	0	0	0	0	0	8	0.62
202 OTH LYMPHOM	0	0	2	0	0	2	0	1	0	2	0	1	1	2	0	0	0	13	1.01
203 MULT MYELOM	0	0	0	0	0	0	0	1	0	0	2	2	2	0	0	0	0	8	0.62
204 LEUK LYMPHA	2	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	6	0.47
205 LEUK MYELOI	1	1	1	2	1	2	1	4	3	1	0	0	1	0	0	0	0	18	1.40
206 LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH SP	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	11	8	7	12	22	24	99	148	174	184	216	159	108	51	41	21	0	1285	100.00

HOSPITAL CANCER REGISTRY CHANDIGARH SEX : MALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
141	TONGUE	64	98.46	0	0.00	1	1.54	0	0.00	65	100.00
142	SALIVARY GLANDS	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
143	GUM	4	80.00	0	0.00	1	20.00	0	0.00	5	100.00
144	FLOOR OF MOUTH	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
145	OTHER MOUTH	20	95.24	1	4.76	0	0.00	0	0.00	21	100.00
146	OROPHARYNX	19	95.00	0	0.00	1	5.00	0	0.00	20	100.00
147	NASOPHARYNX	17	100.00	0	0.00	0	0.00	0	0.00	17	100.00
148	HYPOPHARYNX	70	95.89	0	0.00	2	2.74	1	1.37	73	100.00
149	PHARYNX ETC	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
150	OESOPHAGUS	68	94.44	0	0.00	0	0.00	4	5.56	72	100.00
151	STOMACH	26	78.79	2	6.06	0	0.00	5	15.15	33	100.00
152	SMALL INTESTINE	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
153	COLON	17	77.27	1	4.55	0	0.00	4	18.18	22	100.00
154	RECTUM	37	97.37	0	0.00	0	0.00	1	2.63	38	100.00
155	LIVER	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
156	GALLBLADDER	7	77.78	1	11.11	0	0.00	1	11.11	9	100.00
157	PANCREAS	2	22.22	0	0.00	0	0.00	7	77.78	9	100.00
158	RETROPERITONEUM	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	21	91.30	2	8.70	0	0.00	0	0.00	23	100.00
161	LARYNX	57	95.00	0	0.00	1	1.67	2	3.33	60	100.00
162	LUNG	85	72.65	24	20.51	0	0.00	8	6.84	117	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	2	50.00	2	50.00	0	0.00	0	0.00	4	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	17	94.44	1	5.56	0	0.00	0	0.00	18	100.00
171	CONNECTIVE TIS	26	100.00	0	0.00	0	0.00	0	0.00	26	100.00
172	SKIN MELANOMA	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
173	SKIN OTHER	32	100.00	0	0.00	0	0.00	0	0.00	32	100.00
175	BREAST MALE	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
185	PROSTATE	21	100.00	0	0.00	0	0.00	0	0.00	21	100.00
186	TESTIS	22	100.00	0	0.00	0	0.00	0	0.00	22	100.00
187	PENIS ETC	19	95.00	0	0.00	1	5.00	0	0.00	20	100.00
188	URI BLADDER	33	100.00	0	0.00	0	0.00	0	0.00	33	100.00
189	KIDNEY	17	94.44	1	5.56	0	0.00	0	0.00	18	100.00
190	EYE	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
191	BRAIN	58	86.57	3	4.48	0	0.00	6	8.96	67	100.00
192	NERVOUS SYS	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
193	THYROID GLAND	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
194	OTH ENDO GLDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	2	40.00	2	40.00	0	0.00	1	20.00	5	100.00
196	SEC LYMPH NODES	23	95.83	0	0.00	1	4.17	0	0.00	24	100.00
197	SEC RES ETC	19	90.48	0	0.00	2	9.52	0	0.00	21	100.00
198	SEC OTHER	13	86.67	2	13.33	0	0.00	0	0.00	15	100.00
199	PRIM UNK	1	50.00	0	0.00	1	50.00	0	0.00	2	100.00
200	LYMPHOSARCOMA	30	100.00	0	0.00	0	0.00	0	0.00	30	100.00
201	HODGKINS DIS	29	100.00	0	0.00	0	0.00	0	0.00	29	100.00
202	OTH LYMPHOMA	16	100.00	0	0.00	0	0.00	0	0.00	16	100.00
203	MULT MYELOMA	8	88.89	0	0.00	0	0.00	1	11.11	9	100.00
204	LEUK LYMPHATIC	47	100.00	0	0.00	0	0.00	0	0.00	47	100.00
205	LEUK MYELOID	34	100.00	0	0.00	0	0.00	0	0.00	34	100.00
206	LEUK MONOCYTIC	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
208	LEUK UNS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
ALL SITES TOTALS		1049		42		11		41		1143	
		91.78		3.67		0.96		3.59		100.00	

HOSPITAL CANCER REGISTRY CHANDIGARH SEX : FEMALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
141	TONGUE	15	88.24	0	0.00	2	11.76	0	0.00	17	100.00
142	SALIVARY GLANDS	5	83.33	0	0.00	1	16.67	0	0.00	6	100.00
143	GUM	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
144	FLOOR OF MOUTH	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
145	OTHER MOUTH	11	91.67	0	0.00	1	8.33	0	0.00	12	100.00
146	OROPHARYNX	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
147	NASOPHARYNX	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
148	HYPOPHARYNX	37	97.37	1	2.63	0	0.00	0	0.00	38	100.00
149	PHARYNX ETC	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
150	OESOPHAGUS	44	88.00	1	2.00	0	0.00	5	10.00	50	100.00
151	STOMACH	9	90.00	0	0.00	0	0.00	1	10.00	10	100.00
152	SMALL INTESTINE	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
153	COLON	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
154	RECTUM	12	85.71	0	0.00	0	0.00	2	14.29	14	100.00
155	LIVER	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
156	GALLBLADDER	13	61.90	2	9.52	0	0.00	6	28.57	21	100.00
157	PANCREAS	3	37.50	2	25.00	1	12.50	2	25.00	8	100.00
158	RETROPERITONEUM	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	11	84.62	2	15.38	0	0.00	0	0.00	13	100.00
161	LARYNX	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
162	LUNG	14	73.68	5	26.32	0	0.00	0	0.00	19	100.00
163	PLEURA	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
164	THYMUS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
171	CONNECTIVE TIS	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	15	100.00	0	0.00	0	0.00	0	0.00	15	100.00
174	BREAST FEM	176	96.70	2	1.10	4	2.20	0	0.00	182	100.00
179	UTERUS UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
180	CERVIX UTERI	553	97.02	0	0.00	17	2.98	0	0.00	570	100.00
181	PLACENTA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
182	BODY UTERUS	28	100.00	0	0.00	0	0.00	0	0.00	28	100.00
183	OVARY	36	100.00	0	0.00	0	0.00	0	0.00	36	100.00
184	VAGINA	9	100.00	0	0.00	0	0.00	0	0.00	9	100.00
188	URI BLADDER	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
189	KIDNEY	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
190	EYE	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
191	BRAIN	25	89.29	1	3.57	0	0.00	2	7.14	28	100.00
192	NERVOUS SYS	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
193	THYROID GLAND	21	100.00	0	0.00	0	0.00	0	0.00	21	100.00
194	OTH ENDO GLDS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
195	ILL DEF SITES	6	85.71	0	0.00	0	0.00	1	14.29	7	100.00
196	SEC LYMPH NODES	9	100.00	0	0.00	0	0.00	0	0.00	9	100.00
197	SEC RES ETC	18	90.00	1	5.00	0	0.00	1	5.00	20	100.00
198	SEC OTHER	9	90.00	1	10.00	0	0.00	0	0.00	10	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
200	LYMPHOSARCOMA	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
201	HODGKINS DIS	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
202	OTH LYMPHOMA	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
203	MULT MYELOMA	7	87.50	0	0.00	0	0.00	1	12.50	8	100.00
204	LEUK LYMPHATIC	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
205	LEUK MYELOID	18	100.00	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
207	LEUK OTH SPE	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
ALL SITES TOTALS		1220		18		26		21		1285	
		%	94.94	%	1.40	%	2.02	%	1.63	%	100.00

HOSPITAL CANCER REGISTRY CHANDIGARH
 CANCER CASES BY EXTENT OF DISEASE "

YEAR : 1985

ICD 9TH	SITE	MALES					FEMALES						
		IOCA	RLN	DISMET	OTH	TOTALS % n	LOCA	RLN	DISMET	OTH	TOTALS % n		
140	LIP	0.0	100.0	0.0	0.0	100.0	1	0.0	0.0	0.0	0.0	0	
141	TONGUE	9.2	90.8	0.0	0.0	100.0	65	29.4	64.7	0.0	5.9	100.0	17
142	SALIVARY GLANDS	8.3	75.0	0.0	16.7	100.0	12	0.0	50.0	0.0	50.0	100.0	6
143	GUM	0.0	80.0	20.0	0.0	100.0	5	14.3	85.7	0.0	0.0	100.0	7
144	FLOOR OF MOUTH	0.0	60.0	40.0	0.0	100.0	5	0.0	100.0	0.0	0.0	100.0	1
145	OTHER MOUTH	9.5	90.5	0.0	0.0	100.0	21	16.7	75.0	0.0	8.3	100.0	12
146	OROPHARYNX	0.0	90.0	10.0	0.0	100.0	20	0.0	100.0	0.0	0.0	100.0	6
147	NASOPHARYNX	5.9	94.1	0.0	0.0	100.0	17	0.0	100.0	0.0	0.0	100.0	4
148	HYPOPHARYNX	2.7	95.9	0.0	1.4	100.0	73	0.0	100.0	0.0	0.0	100.0	38
149	PHARYNX ETC	0.0	100.0	0.0	0.0	100.0	7	0.0	100.0	0.0	0.0	100.0	6
150	OESOPHAGUS	5.6	86.1	6.9	1.4	100.0	72	0.0	96.0	2.0	2.0	100.0	50
151	STOMACH	6.1	57.6	33.3	3.0	100.0	33	0.0	60.0	40.0	0.0	100.0	10
152	SMALL INTESTINE	0.0	0.0	0.0	100.0	100.0	1	0.0	0.0	0.0	100.0	100.0	1
153	COLON	9.1	40.9	18.2	31.8	100.0	22	0.0	50.0	50.0	0.0	100.0	4
154	RECTUM	10.5	73.7	7.9	7.9	100.0	38	0.0	92.9	0.0	7.1	100.0	14
155	LIVER	60.0	40.0	0.0	0.0	100.0	5	0.0	0.0	0.0	100.0	100.0	2
156	GALLBLADDER	0.0	55.6	22.2	22.2	100.0	9	4.8	33.3	52.4	9.5	100.0	21
157	PANCREAS	0.0	77.8	22.2	0.0	100.0	9	12.5	37.5	37.5	12.5	100.0	8
158	RETROPERITONEUM	0.0	50.0	50.0	0.0	100.0	2	0.0	80.0	0.0	20.0	100.0	5
159	OTHER DIG SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
160	NASAL CAVITY	4.3	91.3	0.0	4.3	100.0	23	7.7	84.6	0.0	7.7	100.0	13
161	LARYNX	16.7	76.7	1.7	5.0	100.0	60	0.0	100.0	0.0	0.0	100.0	7
162	LUNG	1.7	48.7	48.7	0.9	100.0	117	5.3	47.4	42.1	5.3	100.0	19
163	PLEURA	0.0	0.0	0.0	0.0	0.0	0	0.0	100.0	0.0	0.0	100.0	1
164	THYMUS	0.0	50.0	25.0	25.0	100.0	4	0.0	0.0	0.0	0.0	0.0	0
165	OTHER RES SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
170	BONE	11.1	61.1	11.1	16.7	100.0	18	0.0	50.0	25.0	25.0	100.0	4
171	CONNECTIVE TIS	3.8	50.0	0.0	46.2	100.0	26	8.3	50.0	8.3	33.3	100.0	12
172	SKIN MELANOMA	0.0	100.0	0.0	0.0	100.0	2	0.0	0.0	0.0	0.0	0.0	0
173	SKIN OTHER	12.5	62.5	0.0	25.0	100.0	32	46.7	40.0	0.0	13.3	100.0	15
174	BREAST FEM	0.0	0.0	0.0	0.0	0.0	0	8.8	45.1	9.9	36.3	100.0	182
175	BREAST MALE	0.0	0.0	33.3	66.7	100.0	3	0.0	0.0	0.0	0.0	0.0	0
179	UTERUS UNS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
180	CERVIX UTERI	0.0	0.0	0.0	0.0	0.0	0	3.9	82.1	1.1	13.0	100.0	570
181	PLACENTA	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
182	BODY UTERUS	0.0	0.0	0.0	0.0	0.0	0	53.6	28.6	3.6	14.3	100.0	28
183	OVARY	0.0	0.0	0.0	0.0	0.0	0	13.9	47.2	27.8	11.1	100.0	36
184	VAGINA	0.0	0.0	0.0	0.0	0.0	0	0.0	66.7	11.1	22.2	100.0	9
185	PROSTATE	14.3	66.7	9.5	9.5	100.0	21	0.0	0.0	0.0	0.0	0.0	0
186	TESTIS	4.5	27.3	4.5	63.6	100.0	22	0.0	0.0	0.0	0.0	0.0	0
187	PENIS ETC	0.0	55.0	0.0	45.0	100.0	20	0.0	0.0	0.0	0.0	0.0	0
188	URI BLADDER	15.2	63.6	0.0	21.2	100.0	33	40.0	50.0	0.0	10.0	100.0	10
189	KIDNEY	0.0	72.2	16.7	11.1	100.0	18	20.0	60.0	20.0	0.0	100.0	5
190	EYE	8.3	66.7	0.0	25.0	100.0	12	25.0	25.0	0.0	50.0	100.0	4
191	BRAIN	35.8	61.2	0.0	3.0	100.0	67	57.1	39.3	0.0	3.6	100.0	28
192	NERVOUS SYS	40.0	60.0	0.0	0.0	100.0	5	0.0	100.0	0.0	0.0	100.0	3
193	THYROID GLAND	0.0	40.0	40.0	20.0	100.0	10	14.3	61.9	19.0	4.8	100.0	21
194	OTH ENDO GLDS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	100.0	0.0	100.0	1
195	ILL DEF SITES	0.0	40.0	0.0	60.0	100.0	5	14.3	28.6	14.3	42.9	100.0	7
196	SEC LYMPH NODES	0.0	0.0	4.2	95.8	100.0	24	0.0	0.0	0.0	100.0	100.0	9
197	SEC RES ETC	0.0	0.0	76.2	23.8	100.0	21	0.0	0.0	55.0	45.0	100.0	20
198	SEC OTHER	0.0	0.0	46.7	53.3	100.0	15	0.0	0.0	60.0	40.0	100.0	10
199	PRIM UNK	0.0	0.0	0.0	100.0	100.0	2	0.0	0.0	0.0	0.0	0.0	0
	200-208	0.6	0.0	0.0	99.4	100.0	166	0.0	0.0	0.0	100.0	100.0	59
%		7.3	55.5	11.3	25.9	100.0	1143	8.1	64.4	7.1	20.4	100.0	1285

HOSPITAL CANCER REGISTRY : DIBRUGARH

This hospital registry, located in the Assam Medical College in Dibrugarh, has been functional since 1st February 1982. Since this medical institution is the only one till recently, in North-East India with cancer management facilities, patients are drawn from a large hinterland. The area of the Assam Valley, is about 58,274 square kilometers from 25° to 27°N and 89° to 96°E.

People in the region use a variety of languages and dialects, some of which are Indo-European in origin and others related to the Tibeto-Burmese languages. The entire area is very large with about 23 million people of diverse ethnic origins, including caucasoid, mongoloid, and genetic mixtures. Religious communities include Hindus, Muslims, Christians; other subgroups are plains people, hill people and tribal people; each with distinctive cultures and life styles.

Cancer registry data is obtained primarily from an oncology service with outpatient and inpatient sections, from the departments of pathology, radiology and medical records.

Comments : 856 male and 355 female cancer cases are finally registered in 1985 compared to 902 male and 324 female in 1982, 888 male and 379 female in 1983, and 863 male and 335 females in 1984. The marked (about 2.5 : 1) male to female preponderance remains; its cause may lie in socio-cultural factors.

Commonest cancers in men are hypopharyngeal (16.4%), oesophageal (15.3%), oropharyngeal (8.6%) and tongue (5%).

In women, the commonest cancers are of the cervix uteri (20%), oesophagus (12.4%) and breast (9.9%).

Cancers of the lip, oral cavity and pharynx are strikingly common, more than in the other Indian registries, males (43.9%) and females (19.7%).

In Assam the areca (betel) nut ("TAMOL") which is chewed differs from that consumed else where in India ("Supari"). Tamol is prepared by keeping about four months in an underground pit lined with straw and palm leaves. Tamol contains very high levels of arecoline.

Dr. M.A. CHOWDHURY, *Project Chief*
Dr. M.S. ALI, *Bio-Statistician*

HOSPITAL CANCER REGISTRY DIBRUGARH SEX : MALE YEAR : 1985

CANCER CASES 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	3	2	1	2	0	0	0	0	9	1.05
141	TONGUE	0	0	0	0	0	0	0	0	5	14	17	9	10	4	4	1	0	73	8.53
142	SALIVARY GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
143	GUM	0	0	0	0	1	0	0	1	0	0	3	0	2	1	0	0	0	8	0.93
144	FLOOR OF MO	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	3	0.35
145	OTHER MOUTH	0	0	0	0	0	1	0	0	0	5	7	3	4	4	1	1	0	31	3.62
146	OROPHARYNX	0	0	0	0	0	0	2	10	7	12	12	15	5	6	3	0	0	74	8.64
147	NASOPHARYNX	0	0	0	1	2	0	2	4	1	3	1	0	0	0	0	0	0	16	1.87
148	HYPOPHARYNX	0	0	0	0	0	1	3	10	12	17	29	24	23	11	3	7	0	140	16.36
149	PHARYNX ETC	0	0	0	0	0	0	0	3	5	1	2	5	1	3	1	1	0	22	2.57
150	OESOPHAGUS	0	0	0	0	0	2	2	3	15	19	22	21	23	11	8	5	0	131	15.30
151	STOMACH	0	0	0	0	1	0	1	3	3	12	4	5	4	5	2	3	0	43	5.02
152	SMALL INTES	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	1	0	2	1	0	1	1	1	0	0	0	8	0.93
154	RECTUM	0	0	0	0	0	0	1	2	1	3	4	0	3	2	0	1	0	17	1.99
155	LIVER	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	3	0.35
156	GALLBLADDER	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0.12
157	PANCREAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0.82
158	RETROPERITO	0	0	0	0	0	0	0	0	3	2	0	0	2	0	0	0	0	0	0.00
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	NASAL CAVIT	0	0	0	0	0	0	0	1	2	1	0	0	1	1	0	0	0	6	0.70
161	LARYNX	0	0	0	0	0	1	1	2	2	6	7	4	5	5	0	4	0	37	4.32
162	LUNG	0	0	0	0	1	0	1	2	3	5	8	6	5	6	2	1	0	40	4.67
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 S	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	3	1	0	0	3	1	1	0	0	0	0	0	0	0	11	1.29
171	CONNECTIVE	0	0	2	1	1	0	2	1	1	1	0	0	0	0	0	0	0	9	1.05
172	SKIN MELANO	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	5	0.58
173	SKIN OTHER	0	0	0	0	0	0	1	2	2	2	2	2	5	1	0	0	0	15	1.75
175	BREAST MALE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
185	PROSTATE	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	4	0.47
186	TESTIS	0	0	0	0	0	0	1	1	0	0	0	2	0	0	0	0	0	3	0.35
187	PENIS ETC	0	0	0	0	0	0	0	0	0	1	3	2	2	1	0	1	0	10	1.17
188	URI BLADDER	0	0	0	0	0	0	0	0	1	0	0	5	1	3	2	0	0	12	1.40
189	KIDNEY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.23
190	EYE	4	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	7	0.82
191	BRAIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
192	NERVOUS SYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GLA	1	0	0	0	0	0	0	1	2	0	1	1	0	0	0	0	0	8	0.93
194	OTH ENDO GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	ILL DEF SIT	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	3	0.35
196	SEC LYMPH N	0	0	0	0	0	2	2	1	6	8	13	7	9	4	3	0	0	55	6.43
197	SEC RES ETC	0	0	0	0	0	0	0	0	1	1	0	2	0	1	0	0	0	5	0.58
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0.12
199	PRIM UNK	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	0.23
200	LYMPHOSARCO	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	13	1.52
201	HODGKINS DI	0	1	0	0	0	0	1	1	0	1	0	1	1	0	0	0	0	7	0.82
202	OTH LYMPHOM	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	5	0.58
203	MULT MYELOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
204	LEUK LYMPHA	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	3	0.35
205	LEUK MYELOI	0	0	1	0	0	1	0	2	1	1	0	0	0	0	0	0	0	5	0.58
206	LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH SP	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	1	0	0	0	0	0	0	0	0	0	0	1	0.12
	TOTAL	6	2	8	10	9	12	28	66	81	122	144	122	113	72	31	29	1	856	100.00

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	0	0	0	0	0	0	0	2	0.56
141	TONGUE	0	0	0	0	1	2	0	0	1	1	4	2	1	1	0	0	0	16	4.51
142	SALIVARY GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.28
143	GUM	0	0	0	0	0	0	0	0	1	2	1	0	0	0	0	0	0	4	1.13
144	FLOOR OF MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145	OTHER MOUTH	0	0	0	0	0	0	1	1	2	2	3	1	3	0	0	0	0	13	3.66
146	OROPHARYNX	0	0	0	0	0	0	0	1	5	3	1	2	3	1	1	0	0	17	4.79
147	NASOPHARYNX	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.28
148	HYPHARYNX	0	0	0	0	0	0	1	1	2	6	0	0	3	1	0	0	0	14	3.94
149	PHARYNX ETC	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	2	0.56
150	OESOPHAGUS	0	0	0	0	0	2	4	4	3	4	7	5	11	3	0	1	0	44	12.39
151	STOMACH	0	0	0	0	0	0	1	1	6	2	4	1	2	0	0	0	0	17	4.79
152	SMALL INTES	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0.28
153	COLON	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	5	1.41
154	RECTUM	0	0	0	1	0	0	0	1	0	2	1	0	1	0	0	0	0	7	1.97
155	LIVER	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	2	0.56
156	GALLBLADDER	0	0	0	0	0	0	0	0	1	1	1	1	2	0	0	0	0	6	1.69
157	PANCREAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.28
158	RETROPERITO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	NASAL CAVIT	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0.28
161	LARYNX	0	0	0	0	0	0	1	0	1	0	0	1	2	1	0	0	0	6	1.69
162	LUNG	0	0	0	0	0	1	0	0	1	0	1	0	2	0	1	0	0	6	1.69
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 S	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	0	0	0	0	1	0	1	1	0	0	1	0	0	0	6	1.69
171	CONNECTIVE	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.56
172	SKIN MELANO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
173	SKIN OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
174	BREAST FEM	0	0	0	0	1	1	2	7	4	7	4	6	2	1	0	0	0	35	9.86
179	UTERUS UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.28
180	CERVIX UTER	0	0	0	0	2	0	0	9	12	15	12	3	6	5	0	0	1	71	20.00
181	PLACENTA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0.28
182	BODY UTERUS	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2	0.56
183	OVARY	0	0	1	1	0	0	0	2	0	2	4	0	2	0	0	0	0	14	3.94
184	VAGINA	0	0	0	0	0	0	0	0	0	1	2	0	0	2	0	0	0	5	1.41
188	URI BLADDER	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0.28
189	KIDNEY	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0.56
190	EYE	5	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	8	2.25
191	BRAIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
192	NERVOUS SYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GLA	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	2	0.56
194	OTH ENDO GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	ILL DEF SIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
196	SEC LYMPH N	0	0	0	0	0	1	0	0	2	3	2	4	2	0	0	0	0	14	3.94
197	SEC RES ETC	0	0	0	0	0	0	1	0	0	2	2	0	1	0	0	0	0	6	1.69
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
199	PRIM UNK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.56
200	LYMPHOSARCO	0	1	1	0	0	0	2	1	0	1	1	0	0	0	0	0	0	7	1.97
201	HODGKINS DI	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.28
202	OTH LYMPHOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
203	MULT MYELOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
204	LEUK LYMPHA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
205	LEUK MYELOI	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	3	0.85
206	LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH SP	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	7	1	6	3	8	7	32	32	45	62	56	27	45	18	4	1	1	355	100.00

HOSPITAL CANCER REGISTRY DIBRUGARH SEX : MALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	8	88.89	0	0.00	0	0.00	1	11.11	9	100.00
141	TONGUE	71	97.26	0	0.00	1	1.37	1	1.37	73	100.00
142	SALIVARY GLANDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
143	GUM	7	87.50	0	0.00	0	0.00	1	12.50	8	100.00
144	FLOOR OF MOUTH	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
145	OTHER MOUTH	31	100.00	0	0.00	0	0.00	0	0.00	31	100.00
146	OROPHARYNX	74	100.00	0	0.00	0	0.00	0	0.00	74	100.00
147	NASOPHARYNX	15	93.75	0	0.00	1	6.25	0	0.00	16	100.00
148	HYPOPHARYNX	139	99.29	0	0.00	1	0.71	0	0.00	140	100.00
149	PHARYNX ETC	22	100.00	0	0.00	0	0.00	0	0.00	22	100.00
150	OESOPHAGUS	99	75.57	32	24.43	0	0.00	0	0.00	131	100.00
151	STOMACH	27	62.79	9	20.93	1	2.33	6	13.95	43	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	4	50.00	1	12.50	0	0.00	3	37.50	8	100.00
154	RECTUM	15	88.24	1	5.88	0	0.00	1	5.88	17	100.00
155	LIVER	2	66.67	0	0.00	1	33.33	0	0.00	3	100.00
156	GALLBLADDER	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
157	PANCREAS	4	57.14	0	0.00	0	0.00	3	42.86	7	100.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
160	NASAL CAVITY	5	83.33	1	16.67	0	0.00	0	0.00	6	100.00
161	LARYNX	36	97.30	0	0.00	1	2.70	0	0.00	37	100.00
162	LUNG	9	22.50	30	75.00	0	0.00	1	2.50	40	100.00
163	PLEURA	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
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	6	54.55	5	45.45	0	0.00	0	0.00	11	100.00
171	CONNECTIVE TIS	7	77.78	1	11.11	0	0.00	1	11.11	9	100.00
172	SKIN MELANOMA	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
173	SKIN OTHER	14	93.33	0	0.00	0	0.00	1	6.67	15	100.00
175	BREAST MALE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
185	PROSTATE	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
186	TESTIS	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
187	PENIS ETC	8	80.00	0	0.00	0	0.00	2	20.00	10	100.00
188	URI BLADDER	11	91.67	0	0.00	0	0.00	1	8.33	12	100.00
189	KIDNEY	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
190	EYE	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
191	BRAIN	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
192	NERVOUS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
194	OTH ENDO GLDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
196	SEC LYMPH NODES	54	98.18	0	0.00	1	1.82	0	0.00	55	100.00
197	SEC RES ETC	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
198	SEC OTHER	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
199	PRIM UNK	0	0.00	0	0.00	1	50.00	1	50.00	2	100.00
200	LYMPHOSARCOMA	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
201	HODGKINS DIS	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
202	OTH LYMPHOMA	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
203	MULT MYELOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
204	LEUK LYMPHATIC	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
205	LEUK MYELOID	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
206	LEUK MONOCYTIC	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
208	LEUK UNS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
ALL SITES TOTALS		744		80		8		24		856	
		%	86.92	9.35		0.93		2.80		100.00	

HOSPITAL CANCER REGISTRY DIBRUGARH SEX : FEMALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
141	TONGUE	16	100.00	0	0.00	0	0.00	0	0.00	16	100.00
142	SALIVARY GLANDS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
143	GUM	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
146	OROPHARYNX	17	100.00	0	0.00	0	0.00	0	0.00	17	100.00
147	NASOPHARYNX	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
148	HYPOPHARYNX	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
149	PHARYNX ETC	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
150	OESOPHAGUS	35	79.55	9	20.45	0	0.00	0	0.00	44	100.00
151	STOMACH	11	64.71	4	23.53	0	0.00	2	11.76	17	100.00
152	SMALL INTESTINE	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
153	COLON	3	60.00	0	0.00	0	0.00	2	40.00	5	100.00
154	RECTUM	6	85.71	0	0.00	0	0.00	1	14.29	7	100.00
155	LIVER	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
156	GALLBLADDER	4	66.67	0	0.00	0	0.00	2	33.33	6	100.00
157	PANCREAS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
158	RETROPERITONEUM	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
161	LARYNX	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
162	LUNG	2	33.33	4	66.67	0	0.00	0	0.00	6	100.00
163	PLEURA	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
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	3	50.00	2	33.33	1	16.67	0	0.00	6	100.00
171	CONNECTIVE TIS	1	50.00	0	0.00	0	0.00	1	50.00	2	100.00
172	SKIN MELANOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
173	SKIN OTHER	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
174	BREAST FEM	25	71.43	1	2.86	2	5.71	7	20.00	35	100.00
179	UTERUS UNS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
180	CERVIX UTERI	67	94.37	0	0.00	4	5.63	0	0.00	71	100.00
181	PLACENTA	0	0.00	0	0.00	1	100.00	0	0.00	1	100.00
182	BODY UTERUS	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
183	OVARY	10	71.43	0	0.00	3	21.43	1	7.14	14	100.00
184	VAGINA	4	80.00	0	0.00	0	0.00	1	20.00	5	100.00
188	URI BLADDER	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
189	KIDNEY	1	50.00	1	50.00	0	0.00	0	0.00	2	100.00
190	EYE	7	87.50	0	0.00	1	12.50	0	0.00	8	100.00
191	BRAIN	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
192	NERVOUS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
194	OTH ENDO GLDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
196	SEC LYMPH NODES	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
197	SEC RES ETC	5	83.33	0	0.00	1	16.67	0	0.00	6	100.00
198	SEC OTHER	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
199	PRIM UNK	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
200	LYMPHOSARCOMA	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
201	HODGKINS DIS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
202	OTH LYMPHOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
203	MULT MYELOMA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
204	LEUK LYMPHATIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
205	LEUK MYELOID	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
206	LEUK MONOCYTIC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
207	LEUK OTH SPE	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
ALL SITES TOTALS		304		21		13		17		355	
		85.63		5.92		3.66		4.79		100.00	

HOSPITAL CANCER REGISTRY DIBRUGARH
CANCER CASES BY EXTENT OF DISEASE

YEAR : 1985

ICD 9TH	SITE	MALES				TOTALS		FEMALES				TOTALS	
		LOCA	RLN	DISMET	OTH	%	n	LOCA	RLN	DISMET	OTH	%	n
140	LIP	22.2	66.7	0.0	11.1	100.0	9	50.0	50.0	0.0	0.0	100.0	2
141	TONGUE	37.0	54.8	1.4	6.8	100.0	73	25.0	75.0	0.0	0.0	100.0	16
142	SALIVARY GLANDS	0.0	0.0	0.0	0.0	0.0	0	100.0	0.0	0.0	0.0	100.0	1
143	GUM	25.0	62.5	12.5	0.0	100.0	8	0.0	75.0	0.0	25.0	100.0	4
144	FLOOR OF MOUTH	33.3	66.7	0.0	0.0	100.0	3	0.0	0.0	0.0	0.0	0.0	0
145	OTHER MOUTH	35.5	54.8	0.0	9.7	100.0	31	38.5	46.2	0.0	15.4	100.0	13
146	OROPHARYNX	23.0	73.0	0.0	4.1	100.0	74	29.4	41.2	0.0	29.4	100.0	17
147	NASOPHARYNX	6.3	68.8	0.0	25.0	100.0	16	0.0	100.0	0.0	0.0	100.0	1
148	HYPOPHARYNX	25.0	67.1	2.1	5.7	100.0	140	28.6	71.4	0.0	0.0	100.0	14
149	PHARYNX ETC	4.5	27.3	0.0	68.2	100.0	22	0.0	0.0	0.0	100.0	100.0	2
150	OESOPHAGUS	42.0	23.7	4.6	29.8	100.0	131	45.5	15.9	2.3	36.4	100.0	44
151	STOMACH	4.7	44.2	32.6	18.6	100.0	43	0.0	58.8	11.8	29.4	100.0	17
152	SMALL INTESTINE	0.0	0.0	0.0	0.0	0.0	0	0.0	100.0	0.0	0.0	100.0	1
153	COLON	0.0	62.5	12.5	25.0	100.0	8	0.0	40.0	20.0	40.0	100.0	5
154	RECTUM	5.9	52.9	17.6	23.5	100.0	17	14.3	57.1	28.6	0.0	100.0	7
155	LIVER	0.0	0.0	33.3	66.7	100.0	3	0.0	0.0	0.0	100.0	100.0	2
156	GALLBLADDER	0.0	0.0	100.0	0.0	100.0	1	16.7	50.0	33.3	0.0	100.0	6
157	PANCREAS	0.0	42.9	28.6	28.6	100.0	7	0.0	0.0	100.0	0.0	100.0	1
158	RETROPERITONEUM	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
159	OTHER DIG SYS	100.0	0.0	0.0	0.0	100.0	1	0.0	0.0	0.0	0.0	0.0	0
160	NASAL CAVITY	16.7	50.0	0.0	33.3	100.0	6	0.0	100.0	0.0	0.0	100.0	1
161	LARYNX	18.9	73.0	0.0	8.1	100.0	37	0.0	100.0	0.0	0.0	100.0	6
162	LUNG	0.0	10.0	20.0	70.0	100.0	40	0.0	0.0	33.3	66.7	100.0	6
163	PLEURA	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
165	OTHER RES SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
170	BONE	27.3	54.5	0.0	18.2	100.0	11	33.3	16.7	16.7	33.3	100.0	6
171	CONNECTIVE TIS	22.2	44.4	0.0	33.3	100.0	9	50.0	50.0	0.0	0.0	100.0	2
172	SKIN MELANOMA	20.0	60.0	0.0	20.0	100.0	5	0.0	0.0	0.0	0.0	0.0	0
173	SKIN OTHER	53.3	33.3	6.7	6.7	100.0	15	33.3	50.0	0.0	16.7	100.0	6
174	BREAST FEM	0.0	0.0	0.0	0.0	0.0	0	11.4	51.4	22.9	14.3	100.0	35
175	BREAST MALE	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
179	UTERUS UNS	0.0	0.0	0.0	0.0	0.0	0	0.0	100.0	0.0	0.0	100.0	1
180	CERVIX UTERI	0.0	0.0	0.0	0.0	0.0	0	12.7	73.2	4.2	9.9	100.0	71
181	PLACENTA	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	100.0	100.0	1
182	BODY UTERUS	0.0	0.0	0.0	0.0	0.0	0	0.0	100.0	0.0	0.0	100.0	2
183	OVARY	0.0	0.0	0.0	0.0	0.0	0	0.0	28.6	57.1	14.3	100.0	14
184	VAGINA	0.0	0.0	0.0	0.0	0.0	0	20.0	40.0	0.0	40.0	100.0	5
185	PROSTATE	0.0	50.0	25.0	25.0	100.0	4	0.0	0.0	0.0	0.0	0.0	0
186	TESTIS	0.0	66.7	33.3	0.0	100.0	3	0.0	0.0	0.0	0.0	0.0	0
187	PENIS ETC	30.0	50.0	10.0	10.0	100.0	10	0.0	0.0	0.0	0.0	0.0	0
188	URI BLADDER	16.7	41.7	16.7	25.0	100.0	12	0.0	100.0	0.0	0.0	100.0	1
189	KIDNEY	0.0	50.0	50.0	0.0	100.0	2	0.0	0.0	0.0	100.0	100.0	2
190	EYE	0.0	14.3	0.0	85.7	100.0	7	0.0	12.5	0.0	87.5	100.0	8
191	BRAIN	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
192	NERVOUS SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
193	THYROID GLAND	0.0	62.5	12.5	25.0	100.0	8	100.0	0.0	0.0	0.0	100.0	2
194	OTH ENDO GLDS	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 SITES	0.0	33.3	33.3	33.3	100.0	3	0.0	0.0	0.0	0.0	0.0	0
196	SEC LYMPH NODES	0.0	0.0	0.0	100.0	100.0	55	0.0	0.0	0.0	100.0	100.0	14
197	SEC RES ETC	0.0	0.0	60.0	40.0	100.0	5	0.0	0.0	0.0	100.0	100.0	6
198	SEC OTHER	0.0	0.0	0.0	100.0	100.0	1	0.0	0.0	0.0	0.0	0.0	0
199	PRIM UNK	0.0	0.0	0.0	100.0	100.0	2	0.0	0.0	50.0	50.0	100.0	2
200-208		8.8	2.9	11.8	76.5	100.0	34	0.0	0.0	18.2	81.8	100.0	11
%		21.7	44.0	6.7	27.6	100.0	856	17.7	45.1	9.6	27.6	100.0	355

HOSPITAL CANCER REGISTRY : TRIVANDRUM

The hospital cancer registry started collecting data from January 1982. It is based in the Regional Cancer Centre (RCC), Trivandrum, and registers patients from the Medical College Hospital, Dental College Clinics, Sree Avittom Thirunal Hospital for women and children and the Regional Cancer Centre, all located in the same campus.

The Medical College, Trivandrum is the oldest Medical College in the state of Kerala and was established in 1953. The Medical College Hospital (MCH) is a teaching hospital and caters to only referred patients. Annually around 36000 patients are admitted as in-patients. The hospital has 1329 inpatient beds. The Dental College clinics attached to the Medical College complex, has no separate inpatient beds but regular out-patient clinics are held there. The patients requiring inpatient admission are admitted in the MCH inpatient wards. The Sree Avittom Thirunal Hospital for women and children (0-12 years) is also a teaching hospital of MCH. This hospital has more than 38000 inpatients annually with a bed strength of 706. However, a majority of cases attending this hospital are maternity cases. The Regional Cancer Centre was established in 1981 by Government of India under Cancer Control plan. This continues to be the radiotherapy teaching wing of the Medical College but maintains its autonomy in all other activities. There are 129 beds exclusively for cancer inpatient services and annually above 4000 patients are referred to this centre of which over 96% are cancer patients. This is the largest radiotherapy centre in the state. Currently all cancer treatment facilities are available in this Centre.

Like in any other cancer hospital, patients diagnosed and treated either completely or partially elsewhere are also referred to this centre for further treatment or advice. Majority of the patients attending this centre are drawn from southern Kerala where Trivandrum is situated and also from the adjoining districts of Tamil Nadu.

Comments : In 1985, 2067 male and 1790 female cancer cases are registered, compared to 2097 male and 1755 female cases in 1984, 2024 male and 1691 female cases in 1983 and 1890 male and 1603 female cases in 1982.

The most frequent cancers in men are buccal mucosa (14.7%) and lung (10.7%), followed by stomach (5.8%) and oesophagus (5.3%). Cancers of the lip, oral cavity and pharynx occur in 29.9% in men and 15.8% in women. Uterine cervix (25%) and breast (18%) cancers are most frequently diagnosed in women followed by buccal mucosa (8.5%). Thyroid cancer has also a very high frequency (4.9%) as seen in this hospital material, especially in women.

Dr. M. KRISHNAN NAIR	<i>Project Chief</i>
Mr. P. GANGADHARAN	<i>Bio-Statistician</i>
Dr. R. SANKARA NARAYANAN	<i>Sr. Research Officer</i>
Mr. R. RAVEENDRAN NAIR	<i>Medical Records Officer</i>
Dr. T.K. PADMANABHAN	<i>Co-investigator</i>
Dr. M.A. ALEYKUTTY	<i>Co-investigator</i>
Dr. C.K. SUGATHAN	<i>Co-investigator</i>
Dr. N. SREEDEVI AMMA	<i>Co-investigator</i>

HOSPITAL CANCER REGISTRY TRIVANDRUM YEAR : 1985
 SEX : MALE
 CANCER CASES BY AGE AND SITE (ICD.9), AND PERCENTAGES

ICD.9	SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140	LIP	0	0	0	0	0	0	0	0	0	1	2	3	1	0	1	1	0	9	0.44
141	TONGUE	0	0	0	0	1	1	8	7	7	21	16	19	25	19	8	15	0	147	7.11
142	SALIVARY GL	0	0	1	0	0	1	1	0	1	0	2	1	0	1	0	1	0	9	0.44
143	GUM	0	0	1	0	0	0	2	0	1	1	10	11	8	7	8	6	0	54	2.61
144	FLOOR OF MO	0	0	0	0	0	0	0	1	1	2	4	8	1	1	1	2	0	21	1.02
145	OTHER MOUTH	1	0	0	0	1	0	3	7	17	20	42	40	41	17	18	21	0	228	11.03
146	OROPHARYNX	0	0	0	0	0	0	0	2	4	3	9	14	4	9	4	6	0	55	2.66
147	NASOPHARYNX	0	1	0	4	2	0	1	1	1	2	5	9	21	2	0	1	0	21	1.02
148	HYPOPHARYNX	0	0	0	0	0	0	1	2	2	6	6	9	9	2	6	2	0	69	3.34
149	PHARYNX ETC	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	5	0.24
150	ESOPHAGUS	0	0	0	0	0	0	1	5	2	9	14	22	20	17	10	10	0	110	5.32
151	STOMACH	0	0	0	0	0	0	3	3	5	20	12	22	24	15	9	6	0	119	5.76
152	SMALL INTES	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	2	0.10
153	COLON	0	0	0	0	1	2	1	3	5	3	3	1	5	0	0	1	0	22	1.06
154	RECTUM	0	0	2	3	2	4	4	6	6	5	10	4	10	7	3	4	0	39	1.89
155	LIVER	1	0	0	0	0	0	0	0	1	4	3	5	4	1	1	0	0	59	2.85
156	GALLBLADDER	0	0	0	0	0	0	0	0	1	0	0	2	0	0	2	0	0	3	0.15
157	PANCREAS	0	0	0	0	0	0	2	5	2	4	6	6	4	2	2	1	0	34	1.64
158	RETROPERITO	2	1	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	6	0.29
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	NASAL CAVIT	1	0	0	0	0	0	1	1	1	8	5	4	3	3	2	2	0	22	1.06
161	LARYNX	0	0	0	0	1	0	0	1	1	1	6	20	18	15	5	6	0	81	3.92
162	LUNG	0	0	0	0	0	1	2	4	12	26	38	47	39	34	12	7	0	222	10.74
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	1	1	0	2	0	0	0	0	0	0	0	0	4	0.19
165	OTHER RES S	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	2	1	1	3	1	1	3	4	1	1	1	1	0	0	23	1.11
171	CONNECTIVE	1	0	2	1	1	1	0	1	0	3	4	2	3	0	2	0	0	21	1.02
172	SKIN MELANO	0	0	0	0	0	0	0	0	2	1	2	2	3	0	2	0	0	12	0.58
173	SKIN OTHER	0	1	0	0	0	0	1	0	1	7	7	4	6	5	3	3	0	38	1.84
175	BREAST MALE	0	0	0	1	0	0	0	0	0	0	1	1	5	2	8	3	0	32	1.55
185	PROSTATE	1	0	0	0	0	0	1	0	0	2	4	3	5	5	5	0	0	18	0.87
186	TESTIS	1	1	0	0	0	2	5	0	1	1	0	2	1	0	1	2	0	27	1.31
187	PENIS ETC	0	0	0	0	0	0	2	1	1	3	1	5	5	4	7	5	0	37	1.79
188	URI BLADDER	0	0	0	0	0	0	0	0	0	3	4	8	5	5	7	2	0	19	0.92
189	KIDNEY	2	0	0	1	1	1	1	1	1	0	2	4	2	0	1	2	0	6	0.29
190	EYE	3	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	79	3.82
191	BRAIN	7	5	4	2	7	6	6	10	6	9	6	3	3	3	1	1	0	3	0.15
192	NERVOUS SYS	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	41	1.98
193	THYROID GLA	0	1	0	2	5	3	3	3	3	3	6	3	4	5	0	0	0	6	0.29
194	OPH ENDO GL	3	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0.05
195	ILL DEF SII	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	59	2.85
196	SEC LYMPH N	0	0	0	0	0	1	1	2	2	11	6	14	7	7	5	3	0	20	0.97
197	SEC RES ETC	0	0	0	0	0	0	1	1	1	3	3	3	3	2	1	2	0	40	1.94
198	SEC OTHER	0	0	0	1	0	0	1	1	1	6	7	8	5	5	2	1	0	17	0.82
199	PRIM UNK	0	0	0	0	1	0	1	1	1	2	2	5	3	0	2	1	0	36	1.74
200	LYMPHOSARCO	1	0	0	0	3	2	2	5	5	2	2	2	2	2	3	1	0	26	1.26
201	HODGKINS DI	0	0	2	2	4	2	2	1	1	4	1	1	3	0	1	1	0	43	2.08
202	OTH LYMPHOM	1	1	2	1	0	0	3	1	4	6	3	3	4	5	5	2	0	27	1.31
203	MULT MYELOM	0	0	0	0	0	0	0	1	3	1	4	2	5	5	5	1	0	41	1.98
204	LEUK LYMPHA	8	10	5	6	3	2	0	0	2	0	0	3	1	0	0	0	0	43	2.08
205	LEUK MYELOI	0	4	8	4	4	2	5	2	0	1	1	3	4	5	0	0	0	1	0.05
206	LEUK MONOCI	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0.05
207	LEUK OTH SP	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.05
208	LEUK UNS	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	4	0.19
	TOTAL	35	28	32	40	46	45	69	89	111	201	261	322	303	228	136	121	0	2067	100.00

HOSPITAL CANCER REGISTRY TRIVANDRUM YEAR : 1985
 SEX : FEMALE
 CANCER CASES 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	5	2	2	3	4	2	5	0	25	1.40
141	TONGUE	0	0	0	0	0	1	0	0	8	5	12	10	6	9	3	4	0	64	3.58
142	SALIVARY GL	0	1	0	0	1	0	0	2	1	2	1	1	1	1	1	0	0	11	0.61
143	GUM	0	0	0	0	0	1	0	1	2	2	4	4	3	7	0	2	0	29	1.62
144	FLOOR OF MO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
145	OTHER MOUTH	0	0	0	0	0	1	1	3	5	15	12	20	19	21	13	13	0	123	6.87
146	OROPHARYNX	0	0	0	0	0	0	1	1	0	0	3	0	2	2	0	1	0	10	0.56
147	NASOPHARYNX	0	0	1	1	1	0	1	1	0	0	0	1	0	0	0	1	0	7	0.39
148	HYPOPHARYNX	0	0	0	0	0	0	1	1	1	2	1	1	3	1	2	0	0	13	0.73
149	PHARYNX ETC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
150	OESOPHAGUS	0	0	0	0	1	1	0	2	1	6	4	5	8	6	5	0	0	39	2.18
151	STOMACH	0	0	0	1	0	1	1	3	1	2	4	4	5	8	2	3	0	34	1.90
152	SMALL INTES	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	2	0.11
153	COLON	0	0	0	0	0	0	0	1	2	0	0	0	1	1	0	2	0	7	0.39
154	RECTUM	0	0	0	0	0	0	0	2	1	1	4	3	3	3	0	2	0	20	1.12
155	LIVER	0	0	0	0	0	0	0	3	0	2	2	3	0	2	1	0	0	15	0.84
156	GALLBLADDER	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3	0.17
157	PANCREAS	0	0	0	0	0	0	0	1	1	5	1	1	2	1	0	1	0	14	0.78
158	RETROPERITO	1	0	0	0	0	0	0	2	0	1	1	1	0	0	0	0	0	6	0.34
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	5	0.00
160	OTHER DIG S	1	0	0	0	0	0	0	0	0	3	0	5	2	2	1	1	0	18	1.01
161	NASAL CAVIT	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	5	0.28
162	LARYNX	0	0	0	0	0	0	0	1	1	7	1	3	3	1	3	1	0	24	1.34
162	LUNG	0	0	0	0	0	0	1	1	0	4	0	3	3	1	3	1	0	0	0.00
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
164	THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165	OTHER RES S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	1	6	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0.00
171	CONNECTIVE	0	3	1	1	1	1	0	1	1	2	1	0	0	1	2	1	0	16	0.89
172	SKIN MELANO	0	0	1	1	1	1	0	0	0	2	1	0	0	1	0	1	0	17	0.95
173	SKIN OTHER	0	0	1	0	1	0	0	1	0	0	1	1	3	1	0	0	0	8	0.45
174	BREAST FEM	0	0	0	0	5	9	18	40	64	51	44	30	24	25	9	6	0	325	18.16
179	UTERUS UNS	0	0	0	0	0	1	0	0	0	1	2	0	0	1	1	0	0	9	0.50
180	CERVIX UTER	0	0	0	0	1	2	8	34	54	57	69	84	48	44	33	13	0	447	24.97
181	PLACENTA	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	3	0.17
182	BODY UTERUS	0	0	0	0	0	0	1	2	1	3	3	1	2	3	1	1	0	18	1.01
183	OVARY	0	1	6	4	7	3	2	9	9	20	8	12	9	8	4	0	0	102	5.70
184	VAGINA	0	0	0	0	0	0	0	1	1	2	1	1	2	5	2	1	0	16	0.89
188	URI BLADDER	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	3	0.17
189	KIDNEY	7	0	0	0	0	0	0	0	1	0	1	0	0	2	0	0	0	14	0.78
190	EYE	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0.45
191	BRAIN	2	11	7	4	3	2	3	2	2	3	3	2	0	1	0	0	0	45	2.51
192	NERVOUS SYS	2	0	0	0	0	0	1	8	3	15	9	7	3	4	1	4	0	88	4.92
193	THYROID GLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.17
194	OTH ENDO GL	2	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	3	0.17
195	ILL DEF SIT	0	0	0	0	0	0	0	0	0	0	4	4	1	1	1	1	0	22	1.23
196	SEC LYMPH N	0	0	0	0	0	1	3	1	2	0	3	3	2	3	2	0	0	18	1.01
197	SEC RES ETC	0	0	0	0	0	0	1	1	1	0	3	3	2	2	2	1	0	18	1.01
198	SEC OTHER	0	0	1	0	0	0	1	0	1	1	1	3	1	1	1	0	0	12	0.67
199	PRIM UNK	0	0	0	0	0	0	1	3	0	1	1	3	1	1	1	2	0	11	0.61
200	LYMPHOSARCO	0	1	0	0	0	0	0	0	0	2	0	2	1	1	1	0	0	7	0.39
201	HODGKINS DI	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	13	0.73
202	OTH LYMPHOM	2	0	0	0	1	0	1	0	1	1	1	1	2	0	1	1	0	14	0.78
203	MULT MYELOM	0	0	0	0	0	0	0	0	1	1	1	4	1	4	2	0	0	23	1.28
204	LEUK LYMPHA	5	8	3	2	2	0	0	1	0	0	1	0	0	1	0	0	0	26	1.45
205	LEUK MYELOI	2	1	0	0	3	2	1	4	2	3	3	1	1	1	0	0	0	0	0.00
206	LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH SP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
208	LEUK UNS	1	2	0	0	1	0	2	1	0	0	0	1	0	0	0	0	0	8	0.45
	TOTAL	32	34	27	23	47	39	69	141	176	226	220	229	169	184	100	74	0	1790	100.00

HOSPITAL CANCER REGISTRY TRIVANDRUM SEX : MALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	7	77.78	0	0.00	2	22.22	0	0.00	9	100.00
141	TONGUE	129	87.76	0	0.00	18	12.24	0	0.00	147	100.00
142	SALIVARY GLANDS	7	77.78	0	0.00	2	22.22	0	0.00	9	100.00
143	GUM	42	77.78	0	0.00	12	22.22	0	0.00	54	100.00
144	FLOOR OF MOUTH	20	95.24	0	0.00	1	4.76	0	0.00	21	100.00
145	OTHER MOUTH	177	77.63	0	0.00	51	22.37	0	0.00	228	100.00
146	OROPHARYNX	51	92.73	0	0.00	4	7.27	0	0.00	55	100.00
147	NASOPHARYNX	19	90.48	1	4.76	1	4.76	0	0.00	21	100.00
148	HYPOPHARYNX	63	91.30	1	1.45	3	4.35	2	2.90	69	100.00
149	PHARYNX ETC	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
150	OESOPHAGUS	89	80.91	9	8.18	3	2.73	9	8.18	110	100.00
151	STOMACH	86	72.27	13	10.92	3	2.52	17	14.29	119	100.00
152	SMALL INTESTINE	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
153	COLON	20	90.91	1	4.55	0	0.00	1	4.55	22	100.00
154	RECTUM	37	94.87	0	0.00	1	2.56	1	2.56	39	100.00
155	LIVER	54	91.53	0	0.00	5	8.47	0	0.00	59	100.00
156	GALLBLADDER	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
157	PANCREAS	17	50.00	5	14.71	0	0.00	12	35.29	34	100.00
158	RETROPERITONEUM	5	83.33	0	0.00	0	0.00	1	16.67	6	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	18	81.82	1	4.55	3	13.64	0	0.00	22	100.00
161	LARYNX	79	97.53	0	0.00	2	2.47	0	0.00	81	100.00
162	LUNG	166	74.77	45	20.27	5	2.25	6	2.70	222	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	21	91.30	2	8.70	0	0.00	0	0.00	23	100.00
171	CONNECTIVE TIS	21	100.00	0	0.00	0	0.00	0	0.00	21	100.00
172	SKIN MELANOMA	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
173	SKIN OTHER	37	97.37	0	0.00	1	2.63	0	0.00	38	100.00
175	BREAST MALE	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
185	PROSTATE	25	78.13	1	3.13	6	18.75	0	0.00	32	100.00
186	TESTIS	17	94.44	0	0.00	1	5.56	0	0.00	18	100.00
187	PENIS ETC	21	77.78	0	0.00	6	22.22	0	0.00	27	100.00
188	URI BLADDER	27	72.97	0	0.00	1	2.70	9	24.32	37	100.00
189	KIDNEY	15	78.95	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	6	100.00
191	BRAIN	63	79.75	15	18.99	0	0.00	1	1.27	79	100.00
192	NERVOUS SYS	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
193	THYROID GLAND	40	97.56	1	2.44	0	0.00	0	0.00	41	100.00
194	OTH ENDO GLDS	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
195	ILL DEF SITES	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
196	SEC LYMPH NODES	55	93.22	0	0.00	3	5.08	1	1.69	59	100.00
197	SEC RES ETC	11	55.00	6	30.00	2	10.00	1	5.00	20	100.00
198	SEC OTHER	22	55.00	16	40.00	2	5.00	0	0.00	40	100.00
199	PRIM UNK	8	47.06	5	29.41	3	17.65	1	5.88	17	100.00
200	LYMPHOSARCOMA	36	100.00	0	0.00	0	0.00	0	0.00	36	100.00
201	HODGKINS DIS	26	100.00	0	0.00	0	0.00	0	0.00	26	100.00
202	OTH LYMPHOMA	40	93.02	0	0.00	3	6.98	0	0.00	43	100.00
203	MULT MYELOMA	19	70.37	5	18.52	0	0.00	3	11.11	27	100.00
204	LEUK LYMPHATIC	41	100.00	0	0.00	0	0.00	0	0.00	41	100.00
205	LEUK MYELOID	42	97.67	0	0.00	1	2.33	0	0.00	43	100.00
206	LEUK MONOCYTIC	1	100.00	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	1	100.00
208	LEUK UNS	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
ALL SITES TOTALS		1725		130		147		65		2067	
		%	83.45	%	6.29	%	7.11	%	3.14	%	100.00

HOSPITAL CANCER REGISTRY TRIVANDRUM SEX : FEMALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	16	64.00	0	0.00	9	36.00	0	0.00	25	100.00
141	TONGUE	52	81.25	0	0.00	12	18.75	0	0.00	64	100.00
142	SALIVARY GLANDS	11	100.00	0	0.00	0	0.00	0	0.00	11	100.00
143	GUM	22	75.86	0	0.00	7	24.14	0	0.00	29	100.00
144	FLOOR OF MOUTH	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
145	OTHER MOUTH	97	78.86	0	0.00	26	21.14	0	0.00	123	100.00
146	OROPHARYNX	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
147	NASOPHARYNX	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
148	HYPOPHARYNX	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
149	PHARYNX ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
150	OESOPHAGUS	28	71.79	3	7.69	1	2.56	7	17.95	39	100.00
151	STOMACH	24	70.59	1	2.94	2	5.88	7	20.59	34	100.00
152	SMALL INTESTINE	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
153	COLON	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
154	RECTUM	17	85.00	0	0.00	3	15.00	0	0.00	20	100.00
155	LIVER	11	73.33	0	0.00	3	20.00	1	6.67	15	100.00
156	GALLBLADDER	2	66.67	1	33.33	0	0.00	0	0.00	3	100.00
157	PANCREAS	8	57.14	0	0.00	1	7.14	5	35.71	14	100.00
158	RETROPERITONEUM	5	83.33	0	0.00	0	0.00	1	16.67	6	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	18	100.00	0	0.00	0	0.00	0	0.00	18	100.00
161	LARYNX	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
162	LUNG	18	75.00	5	20.83	1	4.17	0	0.00	24	100.00
163	PLEURA	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
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	15	93.75	1	6.25	0	0.00	0	0.00	16	100.00
171	CONNECTIVE TIS	16	94.12	1	5.88	0	0.00	0	0.00	17	100.00
172	SKIN MELANOMA	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
173	SKIN OTHER	19	95.00	0	0.00	1	5.00	0	0.00	20	100.00
174	BREAST FEM	303	93.23	1	0.31	21	6.46	0	0.00	325	100.00
179	UTERUS UNS	8	88.89	0	0.00	1	11.11	0	0.00	9	100.00
180	CERVIX UTERI	401	89.71	0	0.00	46	10.29	0	0.00	447	100.00
181	PLACENTA	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
182	BODY UTERUS	18	100.00	0	0.00	0	0.00	0	0.00	18	100.00
183	OVARY	99	97.06	0	0.00	1	0.98	2	1.96	102	100.00
184	VAGINA	12	75.00	0	0.00	4	25.00	0	0.00	16	100.00
188	URI BLADDER	2	66.67	0	0.00	1	33.33	0	0.00	3	100.00
189	KIDNEY	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
190	EYE	7	87.50	0	0.00	1	12.50	0	0.00	8	100.00
191	BRAIN	36	80.00	8	17.78	0	0.00	1	2.22	45	100.00
192	NERVOUS SYS	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
193	THYROID GLAND	82	93.18	1	1.14	5	5.68	0	0.00	88	100.00
194	OTH ENDO GLDS	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
195	ILL DEF SITES	1	33.33	1	33.33	1	33.33	0	0.00	3	100.00
196	SEC LYMPH NODES	19	86.36	0	0.00	3	13.64	0	0.00	22	100.00
197	SEC RES ETC	12	66.67	3	16.67	3	16.67	0	0.00	18	100.00
198	SEC OTHER	10	55.56	8	44.44	0	0.00	0	0.00	18	100.00
199	PRIM UNK	10	83.33	2	16.67	0	0.00	0	0.00	12	100.00
200	LYMPHOSARCOMA	11	100.00	0	0.00	0	0.00	0	0.00	11	100.00
201	HODGKINS DIS	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
202	OTH LYMPHOMA	12	92.31	0	0.00	1	7.69	0	0.00	13	100.00
203	MULT MYELOMA	13	92.86	0	0.00	0	0.00	1	7.14	14	100.00
204	LEUK LYMPHATIC	23	100.00	0	0.00	0	0.00	0	0.00	23	100.00
205	LEUK MYELOID	26	100.00	0	0.00	0	0.00	0	0.00	26	100.00
206	LEUK MONOCYTIC	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
208	LEUK UNS	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
ALL SITES TOTALS		1575		36		154		25		1790	
		%	87.99	%	2.01	%	8.60	%	1.40	%	100.00

HOSPITAL CANCER REGISTRY TRIVANDRUM
CANCER CASES BY EXTENT OF DISEASE

YEAR : 1985

ICD 9TH	SITE	MALES					FEMALES					TOTALS	
		LOCA	RLN	DISMET	OTH	TOTALS	LOCA	RLN	DISMET	OTH	TOTALS		
						%					%	n	
140	LIP	22.2	66.7	0.0	11.1	100.0	9	44.0	48.0	0.0	8.0	100.0	25
141	TONGUE	25.9	68.7	0.7	4.8	100.0	147	29.7	67.2	1.6	1.6	100.0	64
142	SALIVARY GLANDS	33.3	33.3	22.2	11.1	100.0	9	18.2	45.5	9.1	27.3	100.0	11
143	GUM	14.8	75.9	1.9	7.4	100.0	54	3.4	89.7	0.0	6.9	100.0	29
144	FLOOR OF MOUTH	33.3	57.1	0.0	9.5	100.0	21	0.0	0.0	0.0	0.0	0.0	0
145	OTHER MOUTH	18.4	77.2	0.9	3.5	100.0	228	20.3	75.6	0.8	3.3	100.0	123
146	OROPHARYNX	7.3	87.3	3.6	1.8	100.0	55	20.0	80.0	0.0	0.0	100.0	10
147	NASOPHARYNX	0.0	90.5	0.0	9.5	100.0	21	14.3	85.7	0.0	0.0	100.0	7
148	HYPOPHARYNX	8.7	85.5	4.3	1.4	100.0	69	7.7	92.3	0.0	0.0	100.0	13
149	PHARYNX ETC	0.0	100.0	0.0	0.0	100.0	5	0.0	0.0	0.0	0.0	0.0	0
150	OESOPHAGUS	30.9	43.6	20.0	5.5	100.0	110	17.9	61.5	15.4	5.1	100.0	39
151	STOMACH	6.7	47.9	34.5	10.9	100.0	119	2.9	58.8	35.3	2.9	100.0	34
152	SMALL INTESTINE	0.0	50.0	0.0	50.0	100.0	2	0.0	100.0	0.0	0.0	100.0	2
153	COLON	4.5	50.0	13.6	31.8	100.0	22	14.3	71.4	14.3	0.0	100.0	7
154	RECTUM	23.1	59.0	12.8	5.1	100.0	39	25.0	60.0	5.0	10.0	100.0	20
155	LIVER	8.5	6.8	84.7	0.0	100.0	59	6.7	26.7	66.7	0.0	100.0	15
156	GALLBLADDER	33.3	33.3	0.0	33.3	100.0	3	0.0	33.3	33.3	33.3	100.0	3
157	PANCREAS	2.9	47.1	41.2	8.8	100.0	34	14.3	42.9	35.7	7.1	100.0	14
158	RETROPERITONEUM	0.0	66.7	0.0	33.3	100.0	6	0.0	83.3	0.0	16.7	100.0	6
159	OTHER DIG SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
160	NASAL CAVITY	0.0	81.8	9.1	9.1	100.0	22	22.2	66.7	11.1	0.0	100.0	18
161	LARYNX	42.0	54.3	0.0	3.7	100.0	81	40.0	60.0	0.0	0.0	100.0	5
162	LUNG	13.5	25.7	58.1	2.7	100.0	222	12.5	37.5	45.8	4.2	100.0	24
163	PLEURA	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	50.0	0.0	50.0	100.0	4	0.0	0.0	0.0	0.0	0.0	0
165	OTHER RES SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
170	BONE	21.7	39.1	17.4	21.7	100.0	23	18.8	62.5	6.3	12.5	100.0	16
171	CONNECTIVE TIS	23.8	47.6	9.5	19.0	100.0	21	47.1	41.2	0.0	11.8	100.0	17
172	SKIN MELANOMA	33.3	8.3	25.0	33.3	100.0	12	0.0	12.5	50.0	37.5	100.0	8
173	SKIN OTHER	31.6	39.5	0.0	28.9	100.0	38	25.0	40.0	10.0	25.0	100.0	20
174	BREAST FEM	0.0	0.0	0.0	0.0	0.0	0	12.0	38.8	7.4	41.8	100.0	325
175	BREAST MALE	20.0	40.0	0.0	40.0	100.0	5	0.0	0.0	0.0	0.0	0.0	0
179	UTERUS UNS	0.0	0.0	0.0	0.0	0.0	0	22.2	11.1	11.1	55.6	100.0	9
180	CERVIX UTERI	0.0	0.0	0.0	0.0	0.0	0	17.0	77.9	2.7	2.5	100.0	447
181	PLACENTA	0.0	0.0	0.0	0.0	0.0	0	33.3	0.0	66.7	0.0	100.0	3
182	BODY UTERUS	0.0	0.0	0.0	0.0	0.0	0	38.9	44.4	0.0	16.7	100.0	18
183	OVARY	0.0	0.0	0.0	0.0	0.0	0	12.7	44.1	11.8	31.4	100.0	102
184	VAGINA	0.0	0.0	0.0	0.0	0.0	0	6.3	68.8	25.0	0.0	100.0	16
185	PROSTATE	56.3	18.8	15.6	9.4	100.0	32	0.0	0.0	0.0	0.0	0.0	0
186	TESTIS	5.6	27.8	33.3	33.3	100.0	18	0.0	0.0	0.0	0.0	0.0	0
187	PENIS ETC	37.0	44.4	0.0	18.5	100.0	27	0.0	0.0	0.0	0.0	0.0	0
188	URI BLADDER	48.6	37.8	0.0	13.5	100.0	37	33.3	66.7	0.0	0.0	100.0	3
189	KIDNEY	21.1	26.3	36.8	15.8	100.0	19	28.6	35.7	28.6	7.1	100.0	14
190	EYE	16.7	16.7	0.0	66.7	100.0	6	0.0	25.0	0.0	75.0	100.0	8
191	BRAIN	10.1	34.2	1.3	54.4	100.0	79	2.2	40.0	0.0	57.8	100.0	45
192	NERVOUS SYS	0.0	33.3	0.0	66.7	100.0	3	0.0	25.0	0.0	75.0	100.0	4
193	THYROID GLAND	39.0	22.0	14.6	24.4	100.0	41	31.8	23.9	11.4	33.0	100.0	88
194	OTH ENDO GLDS	33.3	0.0	33.3	33.3	100.0	6	33.3	0.0	33.3	33.3	100.0	3
195	ILL DEF SITES	0.0	100.0	0.0	0.0	100.0	1	0.0	0.0	100.0	0.0	100.0	3
196	SEC LYMPH NODES	0.0	1.7	89.8	8.5	100.0	59	0.0	0.0	100.0	0.0	100.0	22
197	SEC RES ETC	0.0	0.0	100.0	0.0	100.0	20	0.0	0.0	100.0	0.0	100.0	18
198	SEC OTHER	0.0	0.0	87.5	12.5	100.0	40	0.0	0.0	94.4	5.6	100.0	18
199	PRIM UNK	0.0	0.0	94.1	5.9	100.0	17	0.0	0.0	100.0	0.0	100.0	12
200-208		0.0	0.5	0.0	99.5	100.0	222	0.0	0.0	0.0	100.0	100.0	102
%		16.4	42.4	21.1	20.1	100.0	2067	15.5	51.5	11.2	21.7	100.0	1790

HOSPITAL CANCER REGISTRY : BANGALORE KIDWAI MEMORIAL INSTITUTE OF ONCOLOGY (KMIO)

Kidwai Memorial Institute of Oncology is a comprehensive Cancer Centre for Cancer Research and Treatment, and is a referral Institution. The Government of India accorded the status of a Regional Cancer Centre in 1980. The Institute has a bed strength of 210. The organisation structure includes five divisions of oncology, namely, oncologic pathology, surgical oncology, radiation oncology, medical oncology and preventive oncology. The Institute draws cancer patients from all parts of Karnataka and from neighbouring states. About 50% of the cases are from the different districts of Karnataka, about 15% are from the adjacent States – Tamil Nadu, Andhra Pradesh, Kerala, and Maharashtra and the rest are from the Bangalore Urban Agglomerate. The KMIO has a wide range of diagnostic and treatment facilities. Treatment modalities are surgery, radiotherapy, chemotherapy and hormone therapy.

The KMIO hospital cancer registry has been functioning since 1980 but it has started collaborating with NCRP since January 1, 1984 and collects data on NCRP proforma.

Comments : In the year 1985, total of 5777 cancer cases are registered, of whom 2757 (47.7%) are males and 3020 (52.3%) are females; in the year 1984, 2260 male and 2733 female cancer cases are registered.

At KMIO, cancers of the lip, oral cavity and pharynx are more common among males (30.4%) than females (16.5%), like other registries.

Relative frequency of oesophageal cancer in men (12%) and in women (7%) is high compared to other Indian hospital registries, except Dibrugarh registry.

More patients with stomach cancer in men (5.8%) were diagnosed than in women (2.6%).

As in other Indian centres, the series is dominated by the carcinoma of the cervix uteri, representing 42.7% of all cancers in females, while breast cancer comprises 10.2% of malignant tumours in women.

Dr. M. KRISHNA BHARGAVA, *Project Chief*

HOSPITAL CANCER REGISTRY BANGALORE YEAR : 1985

SEX : MALE AND PERCENTAGES
CANCER CASES 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	1	0	0	1	0	0	5	0.18
141	TONGUE	0	0	0	0	0	0	4	4	10	25	21	22	28	12	10	7	0	147	5.33
142	SALIVARY GL	0	0	0	2	0	0	0	1	0	4	2	0	2	1	1	0	0	13	0.47
143	GUM	0	0	0	1	0	0	2	2	1	0	4	8	10	5	2	3	0	38	1.38
144	FLOOR OF MO	0	0	0	0	0	0	0	1	1	1	3	4	1	3	0	0	0	15	0.54
145	OTHER MOUTH	0	0	0	0	0	1	6	5	9	15	33	19	20	21	15	10	0	154	5.59
146	OROPHARYNX	0	0	0	0	0	1	3	6	3	8	6	16	22	14	7	7	0	93	3.37
147	NASOPHARYNX	0	1	2	0	2	3	4	8	16	28	41	72	62	43	22	22	0	324	11.75
148	HYPOPHARYNX	0	0	0	1	2	0	0	0	1	6	2	0	6	3	2	3	0	24	0.87
149	PHARYNX ETC	0	0	0	0	0	0	3	5	12	23	50	32	54	39	33	24	0	330	11.97
150	OESOPHAGUS	0	0	0	0	2	4	4	11	11	23	22	21	21	23	8	11	0	161	5.84
151	STOMACH	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.04
152	SMALL INTES	0	0	0	0	1	0	0	3	2	7	1	2	3	2	2	1	0	28	1.02
153	COLON	0	0	0	0	1	0	4	4	5	4	6	6	10	8	3	2	0	61	2.21
154	RECTUM	0	0	0	0	0	0	3	2	4	7	5	8	4	3	7	3	0	47	1.70
155	LIVER	1	0	0	0	0	0	3	2	4	4	0	0	0	0	0	0	0	3	0.11
156	GALLBLADDER	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	26	0.94
157	PANCREAS	0	0	0	0	0	0	0	0	0	5	5	1	1	4	1	3	0	15	0.54
158	RETROPERITO	1	0	0	2	1	0	2	2	2	1	1	4	1	1	1	1	0	11	0.40
159	OTHER DIG S	0	0	0	0	0	0	0	1	0	1	1	4	1	1	1	1	0	20	0.73
160	NASAL CAVIT	0	1	0	0	0	1	1	3	3	15	21	21	29	18	13	10	0	136	4.93
161	LARYNX	0	0	0	0	0	0	3	11	12	28	44	36	31	43	25	14	0	252	9.14
162	LUNG	0	0	0	0	2	3	3	0	1	0	0	0	0	0	0	0	0	3	0.11
163	PLEURA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0.07
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 S	0	0	0	0	0	0	0	0	0	0	0	2	2	3	1	1	0	62	2.25
170	BONE	0	3	7	11	11	4	2	5	4	1	5	2	2	1	0	1	0	26	0.94
171	CONNECTIVE	3	2	0	6	0	3	2	3	2	2	1	0	2	1	0	1	0	62	2.25
172	SKIN MELANO	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0.11
173	SKIN OTHER	0	0	0	0	0	0	0	0	2	3	2	6	5	5	4	3	0	32	1.16
175	BREAST MALE	0	0	0	0	0	1	1	1	0	0	0	4	7	7	9	5	0	37	1.34
185	PROSTATE	0	0	0	0	0	0	0	0	0	3	2	4	4	4	2	0	0	28	1.02
186	TESTIS	3	0	0	1	2	2	5	7	3	1	0	1	3	0	0	0	0	65	2.36
187	PENIS ETC	0	0	0	0	1	1	2	9	7	8	8	5	8	8	6	4	0	28	1.02
188	URI BLADDER	0	0	0	0	0	0	0	0	0	2	2	6	6	4	4	3	0	28	1.02
189	KIDNEY	4	2	0	0	0	0	1	1	0	2	3	5	6	0	1	1	0	24	0.87
190	EYE	4	3	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	9	0.33
191	BRAIN	3	5	10	3	4	6	4	4	3	4	5	4	4	1	1	1	0	61	2.21
192	NERVOUS SYS	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.07
193	THYROID GLA	0	0	0	0	3	1	2	1	2	1	3	3	3	2	3	3	0	27	0.98
194	OTH ENDO GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
195	ILL DEF SIT	0	2	1	0	1	1	1	0	1	0	2	1	1	1	2	0	0	13	0.47
196	SEC LYMPH N	1	1	3	1	1	2	2	0	4	5	4	4	6	7	0	4	0	44	1.60
197	SEC RES ETC	0	0	0	0	0	0	2	2	1	3	5	4	4	2	1	6	0	30	1.09
198	SEC OTHER	1	0	0	0	0	0	0	0	1	2	6	3	2	3	2	1	0	25	0.91
199	PRIM UNK	0	0	0	0	0	0	0	0	1	3	2	3	1	1	1	1	0	11	0.40
200	LYMPHOSARCO	1	2	5	6	2	1	2	4	3	3	5	1	0	3	0	2	0	40	1.45
201	HODGKINS DI	1	1	5	6	3	7	0	2	4	2	3	3	3	3	1	0	0	48	1.74
202	OTH LYMPHOM	1	6	4	4	4	6	3	1	1	7	6	0	2	4	2	2	0	51	1.85
203	MULT MYELOM	0	0	0	0	0	0	1	1	1	0	3	0	2	4	0	1	0	13	0.47
204	LEUK LYMPHA	15	6	5	6	1	0	0	1	1	2	0	1	1	1	1	0	0	41	1.49
205	LEUK MYELOI	1	5	4	7	8	6	7	1	1	2	7	5	5	3	1	1	0	71	2.58
206	LEUK MONOCL	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.15
207	LEUK OTH SP	3	1	4	3	0	0	1	0	0	3	0	1	0	0	0	0	0	16	0.58
208	LEUK UNS	2	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	6	0.22
	TOTAL	48	47	47	65	51	65	98	133	154	296	354	340	389	307	199	164	0	2757	100.00

HOSPITAL CANCER REGISTRY BANGALORE SEX : FEMALE YEAR : 1985
 CANCER CASES 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	1	0	0	0	1	0	1	0	5	0.17
141	TONGUE	0	0	0	0	0	1	1	2	3	5	8	7	4	5	0	3	0	38	1.26
142	SALIVARY GL	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	1	0	7	0.23
143	GUM	0	0	0	0	0	0	2	5	9	8	14	11	8	14	2	4	0	77	2.55
144	FLOOR OF MO	0	0	0	0	1	0	0	0	0	1	0	0	0	3	0	0	0	5	0.17
145	OTHER MOUTH	0	0	0	0	0	1	5	20	26	48	59	41	48	20	16	12	0	296	9.80
146	OROPHARYNX	0	0	0	0	0	0	1	0	1	1	1	0	1	1	1	0	0	7	0.23
147	NASOPHARYNX	0	0	2	1	0	1	0	0	6	5	2	1	0	0	0	0	0	7	0.23
148	HYPOPHARYNX	0	0	0	0	0	3	3	5	7	5	3	3	6	4	0	0	0	48	1.59
149	PHARYNX ETC	0	0	0	0	0	0	1	0	4	0	1	1	0	1	0	0	0	8	0.26
150	OESOPHAGUS	0	0	0	0	1	2	7	10	14	36	45	28	26	21	9	12	0	211	6.99
151	STOMACH	1	0	0	0	1	4	2	8	11	10	8	10	9	7	4	3	0	78	2.58
152	SMALL INTES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
153	COLON	0	0	0	0	0	0	2	2	4	0	1	0	2	0	1	0	0	12	0.40
154	RECTUM	0	0	0	0	1	3	5	3	3	6	5	4	1	1	3	4	0	36	1.19
155	LIVER	2	0	0	0	1	0	0	0	3	1	3	3	2	1	1	0	0	17	0.56
156	GALLBLADDER	0	0	0	0	0	0	0	0	0	0	0	1	3	0	0	0	0	4	0.13
157	PANCREAS	0	0	0	0	0	0	0	0	1	2	1	1	1	2	0	0	0	8	0.26
158	RETROPERITO	0	0	0	0	0	0	0	1	1	0	2	1	0	0	0	0	0	5	0.17
159	OTHER DIG S	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	5	0.17
160	NASAL CAVIT	0	0	0	0	0	0	0	0	1	2	2	4	3	1	0	0	0	12	0.40
161	LARYNX	0	0	0	0	1	0	0	1	2	2	4	1	2	2	0	2	0	15	0.50
162	LUNG	0	0	0	0	0	0	0	1	6	7	3	5	5	3	0	2	0	33	1.09
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 S	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	2	3	3	1	1	4	0	2	0	2	0	2	0	0	23	0.76
171	CONNECTIVE	1	0	0	0	2	1	1	1	1	1	1	1	1	1	1	0	0	12	0.40
172	SKIN MELANO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0.20
173	SKIN OTHER	1	0	0	0	0	0	1	1	2	2	2	2	5	1	2	0	0	19	0.63
174	BREAST FEM	0	0	0	0	2	11	27	40	34	59	41	31	32	18	7	6	0	308	10.20
179	UTERUS UNS	0	0	0	1	0	0	0	2	1	0	1	0	1	0	0	0	0	6	0.20
180	CERVIX UTER	1	0	0	0	6	26	72	148	222	238	201	138	122	60	33	21	0	1288	42.65
181	PLACENTA	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	8	0.26
182	BODY UTERUS	0	0	0	0	0	0	1	0	2	0	5	3	2	2	2	0	0	17	0.56
183	OVARY	0	0	2	0	0	0	5	7	6	23	15	6	6	6	1	1	0	78	2.58
184	VAGINA	1	0	0	0	0	0	0	0	0	0	2	5	7	1	1	2	0	28	0.93
188	URI BLADDER	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	2	0	9	0.30
189	KIDNEY	2	2	0	0	0	0	0	0	3	0	1	0	3	1	0	0	0	13	0.43
190	EYE	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.13
191	BRAIN	3	4	7	3	0	1	3	7	3	3	1	2	1	2	1	0	0	41	1.36
192	NERVOUS SYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GLA	0	0	0	0	2	3	6	5	2	4	2	4	2	3	3	0	0	36	1.19
194	OTH ENDO GL	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
195	ILL DEF SIT	0	2	1	1	1	1	1	0	0	1	2	2	1	1	1	0	0	8	0.26
196	SEC LYMPH N	1	0	0	0	1	1	3	1	1	1	2	2	2	1	1	1	0	18	0.60
197	SEC RES ETC	0	0	0	0	0	0	1	0	3	3	2	3	2	3	2	1	0	15	0.50
198	SEC OTHER	1	0	0	0	0	0	0	1	1	2	1	2	0	1	0	0	0	9	0.30
199	PRIM UNK	0	1	0	0	0	0	0	2	1	0	1	2	0	1	0	0	0	7	0.23
200	LYMPHOSARCO	1	3	1	1	1	2	1	0	0	1	0	1	2	1	0	0	0	14	0.46
201	HODGKINS DI	0	3	4	0	2	2	1	1	2	0	1	0	2	1	1	0	0	20	0.66
202	OTH LYMPHOM	1	1	0	0	1	1	0	1	2	0	1	1	0	0	0	0	0	7	0.23
203	MULT MYELOM	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	5	0.17
204	LEUK LYMPHA	4	5	4	5	0	0	0	1	0	0	3	0	0	1	0	0	0	23	0.76
205	LEUK MYELOI	1	2	1	3	5	6	8	15	2	2	8	1	2	1	1	0	0	58	1.92
206	LEUK MONOCY	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	2	0.07
207	LEUK OTH SP	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0.07
208	LEUK UNS	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03
TOTAL		24	26	28	19	37	80	165	297	381	480	463	327	319	189	100	85	0	3020	100.00

HOSPITAL CANCER REGISTRY BANGALORE SEX : MALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
141	TONGUE	135	91.84	0	0.00	7	4.76	5	3.40	147	100.00
142	SALIVARY GLANDS	12	92.31	0	0.00	0	0.00	1	7.69	13	100.00
143	GUM	38	100.00	0	0.00	0	0.00	0	0.00	38	100.00
144	FLOOR OF MOUTH	14	93.33	0	0.00	0	0.00	1	6.67	15	100.00
145	OTHER MOUTH	147	95.45	0	0.00	6	3.90	1	0.65	154	100.00
146	OROPHARYNX	86	92.47	0	0.00	7	7.53	0	0.00	93	100.00
147	NASOPHARYNX	23	92.00	0	0.00	2	8.00	0	0.00	25	100.00
148	HYPOPHARYNX	305	94.14	2	0.62	14	4.32	3	0.93	324	100.00
149	PHARYNX ETC	22	91.67	0	0.00	1	4.17	1	4.17	24	100.00
150	OESOPHAGUS	224	67.88	73	22.12	7	2.12	26	7.88	330	100.00
151	STOMACH	107	66.46	17	10.56	25	15.53	12	7.45	161	100.00
152	SMALL INTESTINE	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
153	COLON	20	71.43	3	10.71	2	7.14	3	10.71	28	100.00
154	RECTUM	53	86.89	0	0.00	6	9.84	2	3.28	61	100.00
155	LIVER	38	80.85	1	2.13	8	17.02	0	0.00	47	100.00
156	GALLBLADDER	2	66.67	1	33.33	0	0.00	0	0.00	3	100.00
157	PANCREAS	10	38.46	5	19.23	3	11.54	8	30.77	26	100.00
158	RETROPERITONEUM	14	93.33	0	0.00	0	0.00	1	6.67	15	100.00
159	OTHER DIG SYS	11	100.00	0	0.00	0	0.00	0	0.00	11	100.00
160	NASAL CAVITY	17	85.00	2	10.00	1	5.00	0	0.00	20	100.00
161	LARYNX	111	81.62	3	2.21	18	13.24	4	2.94	136	100.00
162	LUNG	205	81.35	36	14.29	9	3.57	2	0.79	252	100.00
163	PLEURA	2	66.67	0	0.00	0	0.00	1	33.33	3	100.00
164	THYMUS	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
170	BONE	55	88.71	6	9.68	1	1.61	0	0.00	62	100.00
171	CONNECTIVE TIS	26	100.00	0	0.00	0	0.00	0	0.00	26	100.00
172	SKIN MELANOMA	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
173	SKIN OTHER	25	78.13	0	0.00	7	21.88	0	0.00	32	100.00
175	BREAST MALE	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
185	PROSTATE	31	83.78	0	0.00	4	10.81	2	5.41	37	100.00
186	TESTIS	26	92.86	0	0.00	0	0.00	2	7.14	28	100.00
187	PENIS ETC	55	84.62	0	0.00	6	9.23	4	6.15	65	100.00
188	URI BLADDER	25	89.29	0	0.00	2	7.14	1	3.57	28	100.00
189	KIDNEY	20	83.33	2	8.33	2	8.33	0	0.00	24	100.00
190	EYE	7	77.78	0	0.00	2	22.22	0	0.00	9	100.00
191	BRAIN	58	95.08	3	4.92	0	0.00	0	0.00	61	100.00
192	NERVOUS SYS	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
193	THYROID GLAND	25	92.59	0	0.00	2	7.41	0	0.00	27	100.00
194	OTH ENDO GLDS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
195	ILL DEF SITES	12	92.31	0	0.00	1	7.69	0	0.00	13	100.00
196	SEC LYMPH NODES	41	93.18	0	0.00	3	6.82	0	0.00	44	100.00
197	SEC RES ETC	13	43.33	9	30.00	7	23.33	1	3.33	30	100.00
198	SEC OTHER	22	88.00	2	8.00	0	0.00	1	4.00	25	100.00
199	PRIM UNK	6	54.55	1	9.09	4	36.36	0	0.00	11	100.00
200	LYMPHOSARCOMA	40	100.00	0	0.00	0	0.00	0	0.00	40	100.00
201	HODGKINS DIS	48	100.00	0	0.00	0	0.00	0	0.00	48	100.00
202	OTH LYMPHOMA	45	88.24	3	5.88	2	3.92	1	1.96	51	100.00
203	MULT MYELOMA	12	92.31	1	7.69	0	0.00	0	0.00	13	100.00
204	LEUK LYMPHATIC	41	100.00	0	0.00	0	0.00	0	0.00	41	100.00
205	LEUK MYELOID	70	98.59	0	0.00	1	1.41	0	0.00	71	100.00
206	LEUK MONOCYTIC	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
207	LEUK OTH SPE	16	100.00	0	0.00	0	0.00	0	0.00	16	100.00
208	LEUK UNS	5	83.33	0	0.00	1	16.67	0	0.00	6	100.00
ALL SITES TOTALS		2343		170		161		83		2757	
		84.98		6.17		5.84		3.01		100.00	

HOSPITAL CANCER REGISTRY BANGALORE SEX : FEMALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
141	TONGUE	36	94.74	0	0.00	2	5.26	0	0.00	38	100.00
142	SALIVARY GLANDS	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
143	GUM	75	97.40	0	0.00	2	2.60	0	0.00	77	100.00
144	FLOOR OF MOUTH	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
145	OTHER MOUTH	288	97.30	0	0.00	8	2.70	0	0.00	296	100.00
146	OROPHARYNX	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
147	NASOPHARYNX	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
148	HYPOPHARYNX	43	89.58	2	4.17	1	2.08	2	4.17	48	100.00
149	PHARYNX ETC	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
150	OESOPHAGUS	144	68.25	53	25.12	5	2.37	9	4.27	211	100.00
151	STOMACH	49	62.82	7	8.97	12	15.38	10	12.82	78	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
153	COLON	11	91.67	0	0.00	1	8.33	0	0.00	12	100.00
154	RECTUM	34	94.44	0	0.00	2	5.56	0	0.00	36	100.00
155	LIVER	13	76.47	2	11.76	2	11.76	0	0.00	17	100.00
156	GALLBLADDER	2	50.00	1	25.00	0	0.00	1	25.00	4	100.00
157	PANCREAS	6	75.00	2	25.00	0	0.00	0	0.00	8	100.00
158	RETROPERITONEUM	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
159	OTHER DIG SYS	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
160	NASAL CAVITY	10	83.33	0	0.00	2	16.67	0	0.00	12	100.00
161	LARYNX	14	93.33	0	0.00	1	6.67	0	0.00	15	100.00
162	LUNG	28	84.85	4	12.12	0	0.00	1	3.03	33	100.00
163	PLEURA	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
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	21	91.30	0	0.00	1	4.35	1	4.35	23	100.00
171	CONNECTIVE TIS	11	91.67	0	0.00	1	8.33	0	0.00	12	100.00
172	SKIN MELANOMA	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
173	SKIN OTHER	19	100.00	0	0.00	0	0.00	0	0.00	19	100.00
174	BREAST FEM	279	90.58	3	0.97	15	4.87	11	3.57	308	100.00
179	UTERUS UNS	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
180	CERVIX UTERI	1247	96.82	0	0.00	22	1.71	19	1.48	1288	100.00
181	PLACENTA	4	50.00	0	0.00	1	12.50	3	37.50	8	100.00
182	BODY UTERUS	17	100.00	0	0.00	0	0.00	0	0.00	17	100.00
183	OVARY	75	96.15	0	0.00	1	1.28	2	2.56	78	100.00
184	VAGINA	27	96.43	0	0.00	0	0.00	1	3.57	28	100.00
188	URI BLADDER	8	88.89	0	0.00	1	11.11	0	0.00	9	100.00
189	KIDNEY	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
190	EYE	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
191	BRAIN	35	85.37	4	9.76	2	4.88	0	0.00	41	100.00
192	NERVOUS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	32	88.89	4	11.11	0	0.00	0	0.00	36	100.00
194	OTH ENDO GLDS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
195	ILL DEF SITES	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
196	SEC LYMPH NODES	16	88.89	0	0.00	2	11.11	0	0.00	18	100.00
197	SEC RES ETC	9	60.00	3	20.00	3	20.00	0	0.00	15	100.00
198	SEC OTHER	7	77.78	1	11.11	1	11.11	0	0.00	9	100.00
199	PRIM UNK	1	14.29	2	28.57	3	42.86	1	14.29	7	100.00
200	LYMPHOSARCOMA	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
201	HODGKINS DIS	20	100.00	0	0.00	0	0.00	0	0.00	20	100.00
202	OTH LYMPHOMA	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
203	MULT MYELOMA	5	100.00	0	0.00	0	0.00	0	0.00	5	100.00
204	LEUK LYMPHATIC	23	100.00	0	0.00	0	0.00	0	0.00	23	100.00
205	LEUK MYELOID	58	100.00	0	0.00	0	0.00	0	0.00	58	100.00
206	LEUK MONOCYTIC	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
207	LEUK OTH SPE	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
208	LEUK UNS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
ALL SITES TOTALS		2780		88		91		61		3020	
		%	92.05	%	2.91	%	3.01	%	2.02	%	100.00

HOSPITAL CANCER REGISTRY BANGALORE
CANCER CASES BY EXTENT OF DISEASE

YEAR : 1985

ICD 9TH	SITE	MALES					FEMALES					TOTALS		
		LOCA	RLN	DISMET	OTH	TOTALS	LOCA	RLN	DISMET	OTH	TOTALS	n		
							%						%	
140	LIP	0.0	100.0	0.0	0.0	100.0	5	20.0	80.0	0.0	0.0	100.0	5	
141	TONGUE	2.7	81.6	5.4	10.2	100.0	147	7.9	76.3	13.2	2.6	100.0	38	
142	SALIVARY GLANDS	30.8	23.1	0.0	46.2	100.0	13	14.3	71.4	0.0	14.3	100.0	7	
143	GUM	2.6	86.8	2.6	7.9	100.0	38	2.6	89.6	5.2	2.6	100.0	77	
144	FLOOR OF MOUTH	0.0	93.3	0.0	6.7	100.0	15	0.0	80.0	20.0	0.0	100.0	5	
145	OTHER MOUTH	3.9	81.2	7.1	7.8	100.0	154	1.0	87.5	8.1	3.4	100.0	296	
146	OROPHARYNX	1.1	83.9	4.3	10.8	100.0	93	0.0	100.0	0.0	0.0	100.0	7	
147	NASOPHARYNX	0.0	84.0	8.0	8.0	100.0	25	14.3	42.9	14.3	28.6	100.0	7	
148	HYPOPHARYNX	1.2	88.0	3.1	7.7	100.0	324	2.1	79.2	4.2	14.6	100.0	48	
149	PHARYNX ETC	4.2	79.2	4.2	12.5	100.0	24	0.0	87.5	12.5	0.0	100.0	8	
150	OESOPHAGUS	59.7	19.7	14.5	6.1	100.0	330	58.3	21.8	17.1	2.8	100.0	211	
151	STOMACH	8.1	28.0	48.4	15.5	100.0	161	10.3	29.5	35.9	24.4	100.0	78	
152	SMALL INTESTINE	0.0	100.0	0.0	0.0	100.0	1	0.0	0.0	0.0	0.0	0.0	0	
153	COLON	14.3	3.6	32.1	50.0	100.0	28	0.0	8.3	8.3	83.3	100.0	12	
154	RECTUM	23.0	44.3	14.8	18.0	100.0	61	19.4	55.6	16.7	8.3	100.0	36	
155	LIVER	19.1	38.3	29.8	12.8	100.0	47	17.6	47.1	17.6	17.6	100.0	17	
156	GALLBLADDER	33.3	0.0	0.0	66.7	100.0	3	25.0	25.0	25.0	25.0	100.0	4	
157	PANCREAS	7.7	46.2	42.3	3.8	100.0	26	0.0	37.5	62.5	0.0	100.0	8	
158	RETROPERITONEUM	0.0	13.3	60.0	26.7	100.0	15	20.0	20.0	20.0	40.0	100.0	5	
159	OTHER DIG SYS	0.0	9.1	81.8	9.1	100.0	11	0.0	20.0	60.0	20.0	100.0	5	
160	NASAL CAVITY	0.0	75.0	5.0	20.0	100.0	20	0.0	75.0	16.7	8.3	100.0	12	
161	LARYNX	8.8	71.3	2.2	17.6	100.0	136	6.7	73.3	0.0	20.0	100.0	15	
162	LUNG	6.3	36.9	51.2	5.6	100.0	252	12.1	39.4	39.4	9.1	100.0	33	
163	PLEURA	0.0	0.0	66.7	33.3	100.0	3	0.0	0.0	0.0	0.0	0.0	0	
164	THYMUS	0.0	0.0	100.0	0.0	100.0	2	0.0	0.0	0.0	0.0	0.0	0	
165	OTHER RES SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0	
170	BONE	8.1	40.3	14.5	37.1	100.0	62	4.3	47.8	13.0	34.8	100.0	23	
171	CONNECTIVE TIS	7.7	11.5	15.4	65.4	100.0	26	8.3	8.3	8.3	75.0	100.0	12	
172	SKIN MELANOMA	0.0	66.7	0.0	33.3	100.0	3	16.7	66.7	16.7	0.0	100.0	6	
173	SKIN OTHER	15.6	50.0	3.1	31.3	100.0	32	26.3	42.1	0.0	31.6	100.0	19	
174	BREAST FEM	0.0	0.0	0.0	0.0	0.0	0	6.5	32.8	7.8	52.9	100.0	308	
175	BREAST MALE	0.0	33.3	0.0	66.7	100.0	6	0.0	0.0	0.0	0.0	0.0	0	
179	UTERUS UNS	0.0	0.0	0.0	0.0	0.0	0	0.0	16.7	0.0	83.3	100.0	6	
180	CERVIX UTERI	0.0	0.0	0.0	0.0	0.0	0	2.6	87.4	4.8	5.1	100.0	1288	
181	PLACENTA	0.0	0.0	0.0	0.0	0.0	0	62.5	0.0	0.0	37.5	100.0	8	
182	BODY UTERUS	0.0	0.0	0.0	0.0	0.0	0	35.3	17.6	0.0	47.1	100.0	17	
183	OVARY	0.0	0.0	0.0	0.0	0.0	0	2.6	32.1	7.7	57.7	100.0	78	
184	VAGINA	0.0	0.0	0.0	0.0	0.0	0	10.7	78.6	0.0	10.7	100.0	28	
185	PROSTATE	16.2	10.8	32.4	40.5	100.0	37	0.0	0.0	0.0	0.0	0.0	0	
186	TESTIS	3.6	3.6	0.0	92.9	100.0	28	0.0	0.0	0.0	0.0	0.0	0	
187	PENIS ETC	10.8	49.2	3.1	36.9	100.0	65	0.0	0.0	0.0	0.0	0.0	0	
188	URI BLADDER	14.3	25.0	10.7	50.0	100.0	28	0.0	44.4	22.2	33.3	100.0	9	
189	KIDNEY	4.2	12.5	16.7	66.7	100.0	24	0.0	15.4	7.7	76.9	100.0	13	
190	EYE	33.3	11.1	0.0	55.6	100.0	9	0.0	25.0	0.0	75.0	100.0	4	
191	BRAIN	1.6	1.6	1.6	95.1	100.0	61	9.8	4.9	2.4	82.9	100.0	41	
192	NERVOUS SYS	0.0	0.0	0.0	100.0	100.0	2	0.0	0.0	0.0	0.0	0.0	0	
193	THYROID GLAND	14.8	44.4	11.1	29.6	100.0	27	11.1	25.0	25.0	38.9	100.0	36	
194	OTH ENDO GLDS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	100.0	0.0	100.0	1	
195	ILL DEF SITES	15.4	15.4	30.8	38.5	100.0	13	0.0	25.0	0.0	75.0	100.0	8	
196	SEC LYMPH NODES	0.0	13.6	38.6	47.7	100.0	44	0.0	0.0	38.9	61.1	100.0	18	
197	SEC RES ETC	0.0	3.3	86.7	10.0	100.0	30	0.0	6.7	80.0	13.3	100.0	15	
198	SEC OTHER	0.0	0.0	32.0	68.0	100.0	25	0.0	0.0	66.7	33.3	100.0	9	
199	PRIM UNK	0.0	0.0	81.8	18.2	100.0	11	0.0	0.0	71.4	28.6	100.0	7	
200-208		1.0	0.0	1.0	97.9	100.0	290	0.0	0.0	2.3	97.7	100.0	132	
		%	12.1	43.5	16.9	27.5	100.0	2757	8.1	62.4	9.3	20.1	100.0	3020

HOSPITAL CANCER REGISTRY : BOMBAY TATA MEMORIAL HOSPITAL

The Tata Memorial Hospital (TMH) was established in 1941 by Sir Dorabji Tata Trust. The Tata Memorial Centre (TMC) consists of Tata Memorial Hospital and Cancer Research Institute. The TMC receives grant-in-aid from Department of Atomic Energy, Government of India.

The TMH is well equipped in the cancer diagnosis and treatment. The hospital has 350 beds, 22 bedded intensive critical care unit and 8 operation theatres.

Although TMH tumour registry has been functioning since 1941 but it came under NCRP network since January 1, 1984. TMH registry now collects data as per NCRP-HCR proforma in addition to its own forms.

A NORISK Data ND 550-CX computer with 24 interactive terminals was installed at TMH in November 1985.

Comments : During the year 1985, 12002 cancer cases are registered by the TMH registry; of these 6537 cases are in males and 5465 cases in females. While in 1984, 10615 cancer cases (males - 5744, females - 4871) are registered.

Cancers of the lip, oral cavity and pharynx are frequently diagnosed in males (34.5%) and less frequent in females (11.1%). There is also a high relative frequency of oesophagus (8.4%) cancer in men than in women (5.1%).

Uterine cervix cancer (32%) is relatively high in TMH registry data followed by breast cancer (21%).

Dr. P.B. DESAI, *Project Chief*
Mr. D.N. RAO, *Bio-Statistician*
Dr. P.D. SHROFF, *Senior Investigator*
Dr. L.D. SANGHVI, *Consultant*

YEAR : 1985

HOSPITAL CANCER REGISTRY TATA MEMORIAL BOMBAY SEX : MALE
 CANCER CASES 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	6	5	3	5	2	5	1	3	2	0	32	0.49																	
141	TONGUE	0	0	1	1	2	9	11	37	72	69	109	100	97	59	39	19	1	625	9.56																	
142	SALIVARY GL	0	0	1	0	1	0	4	3	2	2	2	1	0	1	1	0	0	18	0.28																	
143	GUM	0	0	0	1	0	0	5	4	13	22	20	17	25	13	0	2	1	123	1.88																	
144	FLOOR OF MO	0	0	0	0	0	0	2	4	7	8	10	12	7	5	0	0	0	55	0.84																	
145	OTHER MOUTH	1	0	0	0	5	1	18	35	61	65	71	70	52	38	19	12	0	449	6.87																	
146	OROPHARYNX	0	0	1	1	1	1	4	12	21	36	50	54	46	27	24	13	0	290	4.44																	
147	NASOPHARYNX	0	0	2	5	7	3	1	4	6	4	8	8	5	2	2	0	0	57	0.87																	
148	HYPOPHARYNX	0	0	0	1	3	12	5	21	43	64	95	115	117	57	40	29	0	602	9.21																	
149	PHARYNX ETC	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0.02																	
150	OESOPHAGUS	0	0	0	0	3	8	12	13	46	70	91	90	103	56	29	26	0	547	8.37																	
151	STOMACH	0	0	0	0	1	2	7	13	11	21	29	22	22	14	11	7	0	160	2.45																	
152	SMALL INTES	0	0	0	0	0	1	0	1	0	2	0	0	0	0	1	1	0	6	0.09																	
153	COLON	0	0	1	0	4	7	6	8	11	11	8	3	3	4	4	5	1	76	1.16																	
154	RECTUM	0	0	0	1	6	7	14	9	15	25	18	19	15	12	6	12	0	159	2.43																	
155	LIVER	0	0	0	0	1	1	2	1	3	1	9	2	4	2	0	0	0	28	0.43																	
156	GALLBLADDER	1	0	0	0	0	0	1	2	3	4	3	1	3	1	1	0	0	19	0.29																	
157	PANCREAS	0	0	0	0	0	0	1	1	2	2	2	2	3	2	1	1	0	17	0.26																	
158	RETROPERITO	3	0	0	1	3	0	2	2	2	1	3	0	3	1	0	1	0	22	0.34																	
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0.00																	
160	NASAL CAVIT	1	1	1	0	3	1	9	7	11	11	9	12	12	4	3	1	0	86	1.32																	
161	LARYNX	0	0	0	0	2	3	4	9	27	47	72	62	78	43	40	26	0	409	6.26																	
162	LUNG	0	0	1	0	2	3	4	17	26	50	87	80	79	56	27	16	0	448	6.85																	
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.06																	
164	THYMUS	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																	
165	OTHER RES S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00																	
170	BONE	4	10	27	33	34	8	5	1	1	1	1	6	8	4	5	4	0	125	1.91																	
171	CONNECTIVE	3	4	8	6	9	12	17	6	12	6	7	6	8	4	5	4	0	117	1.79																	
172	SKIN MELANO	0	0	0	0	2	1	1	1	1	0	3	2	3	0	1	2	0	17	0.26																	
173	SKIN OTHER	0	0	1	0	2	2	5	3	12	11	7	18	13	7	4	11	0	94	1.44																	
175	BREAST MALE	0	0	0	0	0	0	3	1	0	2	1	2	5	2	2	1	0	19	0.29																	
185	BREAST FEMALE	1	0	0	0	0	0	0	0	0	3	11	9	14	23	12	19	0	92	1.41																	
186	PROSTATE	3	1	0	0	12	18	18	15	8	5	8	2	3	2	0	0	0	114	1.74																	
187	TESTIS	0	0	0	0	1	3	2	7	8	13	15	7	10	2	3	2	0	67	1.02																	
188	PENIS ETC	0	0	0	0	0	1	2	1	1	1	4	8	14	10	4	8	0	92	1.41																	
189	URI BLADDER	2	2	0	0	0	1	2	1	3	3	7	4	9	7	1	1	0	47	0.72																	
189	KIDNEY	16	3	1	1	0	1	0	0	0	0	1	1	1	0	0	0	0	25	0.38																	
190	EYE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	70	1.07																	
191	BRAIN	1	11	8	4	5	9	3	11	6	4	4	3	1	0	0	0	0	6	0.09																	
192	NERVOUS SYS	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	6	0.09																	
193	THYROID GLA	0	0	0	3	4	7	5	7	5	6	8	5	4	2	0	0	0	56	0.86																	
194	OTH ENDO GL	6	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	10	0.15																	
195	ILL DEF SIT	3	0	1	2	0	1	1	0	0	0	0	0	0	0	0	0	0	8	0.12																	
196	SEC LYMPH N	0	0	2	5	3	4	3	7	10	17	26	30	28	23	10	8	0	200	3.06																	
197	SEC RES ETC	0	2	1	1	3	4	3	9	11	14	21	19	19	17	8	5	0	137	2.10																	
198	SEC OTHER	2	1	0	1	1	0	0	7	4	10	10	5	4	2	2	2	0	55	0.84																	
199	PRIM UNK	0	0	0	0	2	2	0	1	1	1	1	2	2	4	2	0	0	15	0.23																	
200	LYMPHOSARCO	0	9	6	13	15	11	13	23	18	17	24	16	11	12	7	7	0	202	3.09																	
201	HODGKINS DI	2	19	16	12	16	15	15	7	11	5	9	1	1	5	1	0	0	135	2.07																	
202	OTH LYMPHOM	4	10	2	5	5	4	3	6	9	9	8	4	6	8	1	6	0	90	1.38																	
203	MULT MYELOM	0	0	0	0	0	1	0	4	3	4	5	9	5	3	2	2	0	38	0.58																	
204	LEUK LYMPHA	33	51	31	29	14	14	5	5	6	7	7	9	3	1	5	2	0	222	3.40																	
205	LEUK MYELOI	6	9	16	27	23	29	31	28	17	21	13	5	6	4	2	0	0	237	3.63																	
206	LEUK MONOCL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.02																	
207	LEUK OTH SP	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	3	0.05																	
208	LEUK UNS	0	2	2	1	1	1	0	1	0	1	0	1	0	0	0	0	0	10	0.15																	
TOTAL																			101	139	129	164	203	209	259	365	553	699	909	840	850	537	322	254	4	6537	100.00

ICD-9 SITE	0-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60-64	65-69	70-74	75+	ANS	TOTAL	%
140 LIP	0	0	0	0	0	0	0	0	1	0	1	1	1	2	0	0	0	6	0.11
141 TONGUE	0	0	0	0	0	1	1	7	11	20	18	19	13	12	9	7	0	125	2.29
142 SALIVARY GL	0	0	1	1	0	1	1	2	3	0	3	3	0	0	0	0	0	14	0.26
143 GUM	0	0	0	1	0	0	3	1	11	16	10	9	14	7	1	4	0	80	1.46
144 FLOOR OF MO	0	0	0	0	0	0	0	0	0	0	1	0	1	1	2	2	0	7	0.13
145 OTHER MOUTH	0	1	1	1	1	1	8	17	14	36	28	29	21	10	7	8	0	181	3.31
146 OROPHARYNX	0	0	0	0	0	0	0	2	2	6	4	11	4	3	3	1	0	40	0.73
147 NASOPHARYNX	1	0	0	4	1	1	0	2	1	1	1	0	1	0	0	0	0	14	0.26
148 HYPOPHARYNX	0	0	0	0	3	8	5	9	17	27	20	15	21	8	2	0	0	140	2.56
149 PHARYNX ETC	0	0	0	0	0	0	0	0	0	0	0	0	38	30	0	0	0	0	0.00
150 OESOPHAGUS	0	0	0	0	0	1	5	19	23	41	42	50	38	30	20	12	0	281	5.14
151 STOMACH	0	0	0	1	0	3	2	12	3	11	12	13	11	6	4	4	0	82	1.50
152 SMALL INTES	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2	0.04
153 COLON	0	0	1	0	0	2	5	2	5	2	6	5	4	1	1	3	0	37	0.68
154 RECTUM	0	0	0	0	3	5	4	10	8	15	10	11	9	7	1	3	0	86	1.57
155 LIVER	0	0	0	0	0	2	0	2	1	2	1	0	1	1	1	0	0	11	0.20
156 GALLBLADDER	0	0	0	0	0	0	0	1	5	4	7	3	3	0	0	0	0	29	0.53
157 PANCREAS	0	0	0	0	0	0	1	1	2	1	6	0	0	0	0	0	0	10	0.18
158 RETROPERITO	1	1	1	1	0	0	0	0	1	0	3	1	0	1	1	0	0	11	0.20
159 OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160 NASAL CAVIT	2	0	0	0	0	0	1	3	6	9	7	8	6	5	3	1	1	55	1.01
161 LARYNX	0	0	0	0	1	1	1	4	2	3	9	3	5	2	2	1	0	35	0.64
162 LUNG	0	0	0	0	0	2	1	0	5	8	13	8	7	8	6	1	0	59	1.08
163 PLEURA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0.02
164 THYMUS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165 OTHER RES S	0	2	14	17	12	2	2	1	1	0	2	0	0	0	0	0	0	53	0.97
170 BONE	0	2	2	4	7	10	7	7	3	3	1	2	1	1	2	1	0	55	1.01
171 CONNECTIVE	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.04
172 SKIN MELANO	0	0	0	0	0	0	0	0	1	3	1	2	1	1	0	0	0	9	0.16
173 SKIN OTHER	0	0	0	0	3	2	5	4	4	4	3	4	4	7	1	8	0	49	0.90
174 BREAST FEM	0	0	0	0	0	38	80	123	185	221	149	149	80	56	35	19	1	1146	20.97
179 UTERUS UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
180 CERVIX UTER	2	0	0	0	2	43	104	210	313	311	282	200	162	69	36	16	0	1750	32.02
181 PLACENTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
182 BODY UTERUS	1	1	0	0	5	1	4	4	4	12	15	13	4	5	5	1	0	74	1.35
183 OVARY	1	1	13	2	11	15	10	14	21	33	35	15	17	10	3	4	0	205	3.75
184 VAGINA	1	0	0	1	1	0	1	3	6	7	5	7	6	5	4	4	0	51	0.93
188 URI BLADDER	1	1	0	0	0	0	1	1	0	2	4	2	3	3	3	1	0	22	0.40
189 KIDNEY	9	2	0	1	1	0	1	0	2	3	4	2	1	0	0	0	0	26	0.48
190 EYE	10	2	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14	0.26
191 BRAIN	1	3	4	6	3	5	3	3	3	1	2	0	0	1	0	0	0	35	0.64
192 NERVOUS SYS	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	0.05
193 THYROID GLA	1	0	0	2	6	7	8	13	4	5	9	3	5	3	2	1	1	69	1.26
194 OTH ENDO GL	1	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0.11
195 ILL DEF SIT	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0.11
196 SEC LYMPH N	0	0	1	0	2	1	1	5	6	4	5	12	9	9	0	0	0	55	1.01
197 SEC RES ETC	0	0	0	1	0	0	9	7	8	21	24	20	9	10	5	5	0	120	2.20
198 SEC OTHER	0	0	1	2	0	0	2	4	4	2	2	3	5	5	2	0	0	33	0.60
199 PRIM UNK	1	0	1	0	0	1	0	1	0	2	1	0	2	1	1	1	0	11	0.20
200 LYMPHOSARCO	0	3	1	1	1	4	5	4	3	4	10	5	7	4	3	1	0	57	1.04
201 HODGKINS DI	1	3	3	6	1	9	6	5	5	5	7	3	3	4	1	1	0	51	0.93
202 OTH LYMPHOM	0	1	0	1	2	0	2	5	3	1	7	3	3	4	1	1	0	31	0.57
203 MULT MYELOM	0	0	0	0	0	0	0	1	6	2	4	4	1	6	0	0	0	24	0.44
204 LEUK LYMPHA	22	21	15	9	6	6	2	4	1	4	1	4	2	2	1	1	0	100	1.83
205 LEUK MYELOI	3	6	6	8	9	9	14	7	13	5	8	4	3	1	2	0	0	97	1.77
206 LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207 LEUK OTH SP	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.02
208 LEUK UNS	0	0	0	0	0	0	0	0	1	0	0	2	0	0	0	0	0	4	0.07
TOTAL	63	56	68	70	101	191	308	528	712	857	781	645	486	306	176	114	3	5465	100.00

HOSPITAL CANCER REGISTRY TATA MEMORIAL BOMBAY SEX : MALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	31	96.88	0	0.00	1	3.13	0	0.00	32	100.00
141	TONGUE	586	93.76	0	0.00	39	6.24	0	0.00	625	100.00
142	SALIVARY GLANDS	18	100.00	0	0.00	0	0.00	0	0.00	18	100.00
143	GUM	120	97.56	0	0.00	3	2.44	0	0.00	123	100.00
144	FLOOR OF MOUTH	55	100.00	0	0.00	0	0.00	0	0.00	55	100.00
145	OTHER MOUTH	432	96.21	0	0.00	17	3.79	0	0.00	449	100.00
146	OROPHARYNX	286	98.62	0	0.00	3	1.03	1	0.34	290	100.00
147	NASOPHARYNX	54	94.74	0	0.00	3	5.26	0	0.00	57	100.00
148	HYPOPHARYNX	563	93.52	3	0.50	34	5.65	2	0.33	602	100.00
149	PHARYNX ETC	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
150	OESOPHAGUS	503	91.96	42	7.68	0	0.00	2	0.37	547	100.00
151	STOMACH	140	87.50	10	6.25	0	0.00	10	6.25	160	100.00
152	SMALL INTESTINE	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
153	COLON	73	96.05	2	2.63	0	0.00	1	1.32	76	100.00
154	RECTUM	156	98.11	0	0.00	3	1.89	0	0.00	159	100.00
155	LIVER	26	92.86	0	0.00	0	0.00	2	7.14	28	100.00
156	GALLBLADDER	19	100.00	0	0.00	0	0.00	0	0.00	19	100.00
157	PANCREAS	15	88.24	0	0.00	1	5.88	1	5.88	17	100.00
158	RETROPERITONEUM	22	100.00	0	0.00	0	0.00	0	0.00	22	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	81	94.19	1	1.16	4	4.65	0	0.00	86	100.00
161	LARYNX	389	95.11	0	0.00	17	4.16	3	0.73	409	100.00
162	LUNG	397	88.62	49	10.94	0	0.00	2	0.45	448	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	125	100.00	0	0.00	0	0.00	0	0.00	125	100.00
171	CONNECTIVE TIS	116	99.15	0	0.00	1	0.85	0	0.00	117	100.00
172	SKIN MELANOMA	17	100.00	0	0.00	0	0.00	0	0.00	17	100.00
173	SKIN OTHER	94	100.00	0	0.00	0	0.00	0	0.00	94	100.00
175	BREAST MALE	18	94.74	0	0.00	1	5.26	0	0.00	19	100.00
185	PROSTATE	76	82.61	0	0.00	15	16.30	1	1.09	92	100.00
186	TESTIS	113	99.12	0	0.00	0	0.00	1	0.88	114	100.00
187	PENIS ETC	66	98.51	0	0.00	1	1.49	0	0.00	67	100.00
188	URI BLADDER	88	95.65	1	1.03	0	0.00	3	3.26	92	100.00
189	KIDNEY	47	100.00	0	0.00	0	0.00	0	0.00	47	100.00
190	EYE	25	100.00	0	0.00	0	0.00	0	0.00	25	100.00
191	BRAIN	70	100.00	0	0.00	0	0.00	0	0.00	70	100.00
192	NERVOUS SYS	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
193	THYROID GLAND	55	98.21	0	0.00	1	1.79	0	0.00	56	100.00
194	OTH ENDO GLDS	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
195	ILL DEF SITES	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
196	SEC LYMPH NODES	191	95.50	0	0.00	9	4.50	0	0.00	200	100.00
197	SEC RES ETC	100	72.99	18	13.14	19	13.87	0	0.00	137	100.00
198	SEC OTHER	43	78.18	7	12.73	5	9.09	0	0.00	55	100.00
199	PRIM UNK	10	66.67	3	20.00	2	13.33	0	0.00	15	100.00
200	LYMPHOSARCOMA	202	100.00	0	0.00	0	0.00	0	0.00	202	100.00
201	HODGKINS DIS	135	100.00	0	0.00	0	0.00	0	0.00	135	100.00
202	OTH LYMPHOMA	88	97.78	2	2.22	0	0.00	0	0.00	90	100.00
203	MULT MYELOMA	30	78.95	0	0.00	0	0.00	8	21.05	38	100.00
204	LEUK LYMPHATIC	221	99.55	0	0.00	0	0.00	1	0.45	222	100.00
205	LEUK MYELOID	237	100.00	0	0.00	0	0.00	0	0.00	237	100.00
206	LEUK MONOCYTIC	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
207	LEUK OTH SPE	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
208	LEUK UNS	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
ALL SITES TOTALS		6182		138		179		38		6537	
		94.57		2.11		2.74		0.58		100.00	

HOSPITAL CANCER REGISTRY TATA MEMORIAL BOMBAY SEX : FEMALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
141	TONGUE	121	96.80	0	0.00	4	3.20	0	0.00	125	100.00
142	SALIVARY GLANDS	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
143	GUM	80	100.00	0	0.00	0	0.00	0	0.00	80	100.00
144	FLOOR OF MOUTH	7	100.00	0	0.00	0	0.00	0	0.00	7	100.00
145	OTHER MOUTH	178	98.34	0	0.00	3	1.66	0	0.00	181	100.00
146	OROPHARYNX	39	97.50	0	0.00	1	2.50	0	0.00	40	100.00
147	NASOPHARYNX	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
148	HYPOPHARYNX	129	92.14	4	2.86	6	4.29	1	0.71	140	100.00
149	PHARYNX ETC	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
150	OESOPHAGUS	254	90.39	24	8.54	0	0.00	3	1.07	281	100.00
151	STOMACH	79	96.34	1	1.22	0	0.00	2	2.44	82	100.00
152	SMALL INTESTINE	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
153	COLON	36	97.30	1	2.70	0	0.00	0	0.00	37	100.00
154	RECTUM	85	98.84	0	0.00	1	1.16	0	0.00	86	100.00
155	LIVER	11	100.00	0	0.00	0	0.00	0	0.00	11	100.00
156	GALLBLADDER	27	93.10	0	0.00	1	3.45	1	3.45	29	100.00
157	PANCREAS	9	90.00	0	0.00	0	0.00	1	10.00	10	100.00
158	RETROPERITONEUM	11	100.00	0	0.00	0	0.00	0	0.00	11	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	52	94.55	0	0.00	3	5.45	0	0.00	55	100.00
161	LARYNX	32	91.43	0	0.00	3	8.57	0	0.00	35	100.00
162	LUNG	50	84.75	9	15.25	0	0.00	0	0.00	59	100.00
163	PLEURA	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
164	THYMUS	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
170	BONE	51	96.23	2	3.77	0	0.00	0	0.00	53	100.00
171	CONNECTIVE TIS	54	98.18	0	0.00	1	1.82	0	0.00	55	100.00
172	SKIN MELANOMA	9	100.00	0	0.00	0	0.00	0	0.00	9	100.00
173	SKIN OTHER	48	97.96	0	0.00	1	2.04	0	0.00	49	100.00
174	BREAST FEM	1095	95.55	5	0.44	46	4.01	0	0.00	1146	100.00
179	UTERUS UNS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
180	CERVIX UTERI	1712	97.83	0	0.00	38	2.17	0	0.00	1750	100.00
181	PLACENTA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
182	BODY UTERUS	73	98.65	0	0.00	0	0.00	1	1.35	74	100.00
183	OVARY	205	100.00	0	0.00	0	0.00	0	0.00	205	100.00
184	VAGINA	50	98.04	0	0.00	1	1.96	0	0.00	51	100.00
188	URI BLADDER	22	100.00	0	0.00	0	0.00	0	0.00	22	100.00
189	KIDNEY	26	100.00	0	0.00	0	0.00	0	0.00	26	100.00
190	EYE	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
191	BRAIN	35	100.00	0	0.00	0	0.00	0	0.00	35	100.00
192	NERVOUS SYS	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
193	THYROID GLAND	69	100.00	0	0.00	0	0.00	0	0.00	69	100.00
194	OTH ENDO GLDS	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
195	ILL DEF SITES	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
196	SEC LYMPH NODES	55	100.00	0	0.00	0	0.00	0	0.00	55	100.00
197	SEC RES ETC	99	82.50	11	9.17	9	7.50	1	0.83	120	100.00
198	SEC OTHER	29	87.88	3	9.09	0	0.00	1	3.03	33	100.00
199	PRIM UNK	8	72.73	2	18.18	1	9.09	0	0.00	11	100.00
200	LYMPHOSARCOMA	57	100.00	0	0.00	0	0.00	0	0.00	57	100.00
201	HODGKINS DIS	51	100.00	0	0.00	0	0.00	0	0.00	51	100.00
202	OTH LYMPHOMA	31	100.00	0	0.00	0	0.00	0	0.00	31	100.00
203	MULT MYELOMA	20	83.33	0	0.00	0	0.00	4	16.67	24	100.00
204	LEUK LYMPHATIC	100	100.00	0	0.00	0	0.00	0	0.00	100	100.00
205	LEUK MYELOID	97	100.00	0	0.00	0	0.00	0	0.00	97	100.00
206	LEUK MONOCYTIC	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	1	100.00
208	LEUK UNS	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
ALL SITES TOTALS		5269		62		119		15		5465	
		96.41		1.13		2.18		0.27		100.00	

HOSPITAL CANCER REGISTRY TATA MEMORIAL BOMBAY
 CANCER CASES BY EXTENT OF DISEASE

YEAR : 1985

ICD 9TH	SITE	MALES					FEMALES					TOTALS	
		LOCA	RLN	DISMET	OTH	TOTALS %	n	LOCA	RLN	DISMET	OTH	TOTALS %	n
140	LIP	46.9	28.1	0.0	25.0	100.0	32	50.0	16.7	0.0	33.3	100.0	6
141	TONGUE	15.0	68.3	0.6	16.0	100.0	625	24.0	59.2	0.0	16.8	100.0	125
142	SALIVARY GLANDS	11.1	16.7	5.6	66.7	100.0	18	21.4	21.4	0.0	57.1	100.0	14
143	GUM	5.7	84.6	0.8	8.9	100.0	123	5.0	81.3	0.0	13.8	100.0	80
144	FLOOR OF MOUTH	25.5	63.6	3.6	7.3	100.0	55	14.3	85.7	0.0	0.0	100.0	7
145	OTHER MOUTH	19.4	62.1	1.1	17.4	100.0	449	18.8	68.5	0.0	12.7	100.0	181
146	OROPHARYNX	10.3	79.3	0.3	10.0	100.0	290	15.0	82.5	0.0	2.5	100.0	40
147	NASOPHARYNX	3.5	71.9	1.8	22.8	100.0	57	0.0	71.4	0.0	28.6	100.0	14
148	HYPOPHARYNX	8.0	82.6	0.8	8.6	100.0	602	17.9	72.1	1.4	8.6	100.0	140
149	PHARYNX ETC	0.0	100.0	0.0	0.0	100.0	1	0.0	0.0	0.0	0.0	0.0	0
150	OESOPHAGUS	71.7	10.2	11.7	6.4	100.0	547	76.2	5.3	15.7	2.8	100.0	281
151	STOMACH	26.3	15.6	32.5	25.6	100.0	160	28.0	13.4	35.4	23.2	100.0	82
152	SMALL INTESTINE	0.0	16.7	0.0	83.3	100.0	6	0.0	0.0	0.0	100.0	100.0	2
153	COLON	22.4	2.6	11.8	63.2	100.0	76	21.6	5.4	16.2	56.8	100.0	37
154	RECTUM	52.8	20.8	8.2	18.2	100.0	159	40.7	16.3	17.4	25.6	100.0	86
155	LIVER	71.4	3.6	21.4	3.6	100.0	28	36.4	9.1	27.3	27.3	100.0	11
156	GALLBLADDER	10.5	10.5	31.6	47.4	100.0	19	13.8	10.3	31.0	44.8	100.0	29
157	PANCREAS	5.9	5.9	64.7	23.5	100.0	17	0.0	30.0	70.0	0.0	100.0	10
158	RETROPERITONEUM	27.3	18.2	22.7	31.8	100.0	22	0.0	27.3	18.2	54.5	100.0	11
159	OTHER DIG SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
160	NASAL CAVITY	3.5	60.5	4.7	31.4	100.0	86	3.6	67.3	7.3	21.8	100.0	55
161	LARYNX	23.2	62.8	0.7	13.2	100.0	409	25.7	60.0	0.0	14.3	100.0	35
162	LUNG	18.3	30.4	42.4	8.9	100.0	448	10.2	28.8	49.2	11.9	100.0	59
163	PLEURA	0.0	0.0	0.0	0.0	0.0	0	0.0	100.0	0.0	0.0	100.0	1
164	THYMUS	50.0	0.0	0.0	50.0	100.0	4	0.0	50.0	0.0	50.0	100.0	2
165	OTHER RES SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
170	BONE	7.2	52.8	8.0	32.0	100.0	125	11.3	50.9	13.2	24.5	100.0	53
171	CONNECTIVE TIS	18.8	15.4	6.8	59.0	100.0	117	23.6	12.7	5.5	58.2	100.0	55
172	SKIN MELANOMA	5.9	5.9	17.6	70.6	100.0	17	22.2	22.2	11.1	44.4	100.0	9
173	SKIN OTHER	30.9	14.9	1.1	53.2	100.0	94	36.7	14.3	0.0	49.0	100.0	49
174	BREAST FEM	0.0	0.0	0.0	0.0	0.0	0	13.4	22.3	4.3	60.1	100.0	1146
175	BREAST MALE	0.0	31.6	0.0	68.4	100.0	19	0.0	0.0	0.0	0.0	0.0	0
179	UTERUS UNS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
180	CERVIX UTERI	0.0	0.0	0.0	0.0	0.0	0	10.3	63.7	5.1	20.8	100.0	1750
181	PLACENTA	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
182	BODY UTERUS	0.0	0.0	0.0	0.0	0.0	0	29.7	6.8	5.4	58.1	100.0	74
183	OVARY	0.0	0.0	0.0	0.0	0.0	0	3.9	1.5	21.0	73.7	100.0	205
184	VAGINA	0.0	0.0	0.0	0.0	0.0	0	43.1	45.1	2.0	9.8	100.0	51
185	PROSTATE	1.1	8.7	21.7	68.5	100.0	92	0.0	0.0	0.0	0.0	0.0	0
186	TESTIS	3.5	5.3	8.8	82.5	100.0	114	0.0	0.0	0.0	0.0	0.0	0
187	PENIS ETC	34.3	25.4	0.0	40.3	100.0	67	0.0	0.0	0.0	0.0	0.0	0
188	URI BLADDER	30.4	16.3	5.4	47.8	100.0	92	36.4	22.7	4.5	36.4	100.0	22
189	KIDNEY	8.5	10.6	8.5	72.3	100.0	47	7.7	0.0	15.4	76.9	100.0	26
190	EYE	8.0	24.0	0.0	68.0	100.0	25	28.6	7.1	0.0	64.3	100.0	14
191	BRAIN	1.4	0.0	0.0	98.6	100.0	70	5.7	2.9	0.0	91.4	100.0	35
192	NERVOUS SYS	16.7	0.0	0.0	83.3	100.0	6	0.0	0.0	0.0	100.0	100.0	3
193	THYROID GLAND	5.4	28.6	7.1	58.9	100.0	56	8.7	17.4	1.4	72.5	100.0	69
194	OTH ENDO GLDS	10.0	10.0	40.0	40.0	100.0	10	0.0	0.0	83.3	16.7	100.0	6
195	ILL DEF SITES	0.0	25.0	25.0	50.0	100.0	8	16.7	16.7	33.3	33.3	100.0	6
196	SEC LYMPH NODES	0.0	1.0	82.0	17.0	100.0	200	0.0	1.8	83.6	14.5	100.0	55
197	SEC RES ETC	0.0	0.0	95.6	4.4	100.0	137	0.8	0.0	90.0	9.2	100.0	120
198	SEC OTHER	0.0	0.0	72.7	27.3	100.0	55	0.0	0.0	60.6	39.4	100.0	33
199	PRIM UNK	0.0	0.0	93.3	6.7	100.0	15	0.0	0.0	72.7	27.3	100.0	11
200-208		4.1	1.5	0.3	94.1	100.0	938	4.4	1.9	0.3	93.4	100.0	365
		18.5	36.6	12.3	32.5	100.0	6537	16.0	36.9	10.0	37.1	100.0	5465

HOSPITAL CANCER REGISTRY : MADRAS CANCER INSTITUTE

The hospital tumour registry of the Cancer Institute has been in existence since its inception in 1955. Since January 1, 1984 the hospital cancer registry collaborates with the National Cancer Registry Project (ICMR).

The Institute is a comprehensive cancer centre. A micro computer DCM-Tandy TRS 80 Model 4 is used for quality checking and analysis of hospital cancer registry data. The Institute is primarily research oriented. The clinical research facilities comprise essentially the divisions of surgical, radiation, medical oncology and tumour epidemiology. The bed strength of the Institute is 400. Only those cases which are diagnosed and treated at the Cancer Institute are included in the registry data files.

Comments : A total of 4344 cases are registered during the year 1985; of these 1985 are males and 2359 are females. During the year 1984, 3973 cases (males-1807, females-2166) are diagnosed and registered. The regional distribution of cancer cases registered are from Tamil Nadu 50%, Andhra Pradesh 40%, Kerala 5%, Assam 2.3% and rest are from other parts of India and from neighbouring countries.

Major language groups are Tamil, Telugu and Malayalam and religious groups are Hindu, Christian and Muslim.

Cancers of the lip, oral cavity and pharynx are frequent in males (34.7%) than females (14.5%) of total cancer cases.

Relative frequency of oesophagus (8.2%) and stomach (7.2%) cancers in men is higher than women, oesophagus (3.4%) and stomach (1.5%).

Relative frequency of uterine cervix (46.6%) is very high in Madras hospital data in women and breast cancer (13%) is moderately high.

Dr. V. SHANTA, *Project Chief*
Dr. C.K. GAJALAKSHMI, *Officer-in-Charge*

HOSPITAL CANCER REGISTRY MADRAS YEAR : 1985
 CANCER CASES 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	2	1	1	3	1	0	2	0	0	0	11	0.55
141	TONGUE	0	0	0	0	0	0	11	23	23	31	30	30	31	23	10	7	0	177	8.92
142	SALIVARY GL	0	0	0	0	0	1	2	3	3	0	3	4	0	0	1	0	0	13	0.65
143	GUM	0	0	0	1	0	1	3	5	5	7	5	10	7	9	4	7	0	58	2.92
144	FLOOR OF MO	0	0	0	0	0	0	2	2	0	2	2	7	2	3	2	1	0	22	1.11
145	OTHER MOUTH	0	1	0	0	0	2	8	13	13	24	33	22	24	21	12	5	0	157	7.91
146	OROPHARYNX	0	0	0	0	0	2	4	5	8	13	13	13	13	8	1	2	0	72	3.63
147	NASOPHARYNX	0	1	0	1	1	1	1	4	4	2	1	5	2	1	0	0	0	21	1.06
148	HYPOPHARYNX	0	0	0	0	0	3	7	6	24	22	22	24	35	10	9	3	0	156	7.86
149	PHARYNX ETC	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0.05
150	OESOPHAGUS	0	0	1	0	0	3	1	7	20	28	32	23	28	14	16	10	0	162	8.16
151	STOMACH	0	0	0	0	0	3	2	7	12	22	14	26	22	11	15	4	0	142	7.15
152	SMALL INTES	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	3	0.15
153	COLON	0	0	1	1	1	1	2	3	0	4	8	2	1	2	1	0	0	27	1.36
154	RECTUM	0	0	0	0	0	5	1	4	8	7	7	10	5	7	4	2	0	58	2.92
155	LIVER	1	0	0	0	0	1	1	1	3	4	4	2	5	2	4	1	0	26	1.31
156	GALLBLADDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05
157	PANCREAS	0	0	0	0	0	1	1	0	5	0	0	2	2	2	0	1	0	15	0.76
158	RETROPERITO	0	0	0	0	0	0	2	0	2	0	0	0	0	1	0	0	0	6	0.30
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
160	NASAL CAVIT	0	0	0	1	0	0	2	1	3	4	1	2	3	18	6	3	0	99	4.99
161	LARYNX	0	0	0	0	0	0	2	2	7	10	12	20	19	18	9	4	0	137	6.90
162	LUNG	0	0	0	0	0	0	1	2	12	18	28	26	19	18	6	4	0	1	0.05
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0.15
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 S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
170	BONE	0	1	10	6	7	4	0	0	2	1	0	0	0	1	1	0	0	33	1.66
171	CONNECTIVE	3	1	1	3	3	5	3	4	4	3	5	1	3	1	0	0	0	40	2.02
172	SKIN MELANO	0	0	0	0	0	0	1	2	2	2	5	3	0	0	0	0	0	14	0.71
173	SKIN OTHER	0	0	0	3	1	1	2	2	1	1	2	4	5	4	2	1	0	30	1.51
175	BREAST MALE	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	4	0.20
185	PROSTATE	0	0	0	0	0	0	0	0	0	1	1	2	4	4	1	1	0	14	0.71
186	TESTIS	0	0	0	2	2	5	4	4	1	1	1	2	2	0	1	0	0	25	1.26
187	PENIS ETC	0	0	0	0	0	2	4	5	6	10	7	11	9	6	4	2	0	66	3.32
188	URI BLADDER	0	0	0	0	0	0	0	0	3	2	7	3	4	2	0	3	0	24	1.21
189	KIDNEY	2	1	0	0	0	0	0	0	1	2	1	1	1	0	0	0	0	8	0.40
190	EYE	3	2	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	8	0.40
191	BRAIN	1	2	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	5	0.25
192	NERVOUS SYS	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05
193	THYROID GLA	0	0	0	0	0	0	0	0	3	2	0	2	2	1	3	0	0	13	0.65
194	OTH ENDO GL	1	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	0.15
195	ILL DEF SIT	0	1	0	0	0	0	0	1	0	0	2	0	0	1	1	0	0	8	0.40
196	SEC LYMPH N	0	0	0	0	2	2	2	0	6	4	8	13	7	4	3	3	0	50	2.52
197	SEC RES ETC	0	0	0	0	0	0	1	2	2	4	9	4	3	4	3	0	0	32	1.61
198	SEC OTHER	0	0	0	0	0	1	0	0	1	2	3	1	3	2	0	0	0	14	0.71
199	PRIM UNK	0	0	0	0	0	0	0	0	1	0	2	1	2	2	0	0	0	8	0.40
200	LYMPHOSARCO	0	2	0	2	0	0	2	3	4	0	0	1	0	1	1	1	0	20	1.01
201	HODGKINS DI	0	8	1	4	2	2	3	1	0	3	1	1	1	0	0	0	0	28	1.41
202	OTH LYMPHOM	2	2	2	4	3	4	1	1	2	3	2	5	6	2	1	1	0	41	2.07
203	MULT MYELOM	0	0	0	0	0	0	0	0	2	1	0	1	3	1	2	1	0	12	0.60
204	LEUK LYMPHA	8	4	10	6	4	3	3	0	7	3	2	0	1	0	0	0	0	46	2.32
205	LEUK MYELOI	4	1	6	5	2	5	4	6	7	3	2	1	1	1	0	0	0	48	2.42
206	LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH SP	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.05
208	LEUK UNS	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	0.10
	TOTAL	25	31	32	40	42	65	68	84	149	232	282	288	279	185	116	67	0	1985	100.00

HOSPITAL CANCER REGISTRY MADRAS YEAR : 1985
 SEX : FEMALE
 CANCER CASES 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	1	0.04	
141	TONGUE	0	0	0	0	0	0	1	2	6	9	5	6	4	4	1	2	0	0	38	1.61
142	SALIVARY GL	0	0	0	0	0	0	1	2	1	1	0	2	2	2	1	1	0	0	9	0.38
143	GUM	0	0	0	0	0	0	0	3	5	10	12	6	8	9	2	2	0	0	57	2.42
144	FLOOR OF MO	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	4	0.17
145	OTHER MOUTH	0	0	0	0	0	2	3	7	15	22	25	20	24	12	6	7	0	0	145	6.15
146	OROPHARYNX	0	0	0	0	0	0	1	1	2	3	3	2	3	1	1	0	0	0	19	0.81
147	NASOPHARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.55
148	HYPOPHARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	54	2.29
149	PHARYNX ETC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.04	
150	OESOPHAGUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	80	3.39
151	STOMACH	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	1.53
152	SMALL INTES	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.13
153	COLON	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	36	1.53
154	RECTUM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0.34
155	LIVER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.08
156	GALLBLADDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.21
157	PANCREAS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.17
158	RETROPERITO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
159	OTHER DIG S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0.38
160	NASAL CAVIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0.42
161	LARYNX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19	0.81
162	LUNG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
163	PLEURA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.04
164	THYMUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
165	OTHER RES S	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0.64
170	BONE	0	1	3	2	3	3	0	1	1	1	0	0	0	0	0	0	0	0	16	0.68
171	CONNECTIVE	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0.25
172	SKIN MELANO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0.85
173	SKIN OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306	12.97
174	BREAST FEM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.08
179	UTERUS UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1099	46.59
180	CERVIX UTER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.08
181	PLACENTA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	1.02
182	BODY UTERUS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	65	2.76
183	OVARY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	63	2.67
184	VAGINA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.17
188	URI BLADDER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0.17
189	KIDNEY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0.30
190	EYE	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.04
191	BRAIN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
192	NERVOUS SYS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
193	THYROID GLA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	35	1.48
194	OTH ENDO GL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.04
195	ILL DEF SIT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.55
196	SEC LYMPH N	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.55
197	SEC RES ETC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0.64
198	SEC OTHER	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0.38
199	PRIM UNK	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
200	LYMPHOSARCO	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.51
201	HODGKINS DI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	0.42
202	OTH LYMPHOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	0.51
203	MULT MYELOM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	0.25
204	LEUK LYMPHA	2	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0.55
205	LEUK MYELOI	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28	1.19
206	LEUK MONOCY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
207	LEUK OTH SP	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.04
208	LEUK UNS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.08
	TOTAL	12	7	24	16	34	69	124	246	328	418	368	261	241	111	58	42	0	2359	100.00	

HOSPITAL CANCER REGISTRY MADRAS SEX : MALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	5	45.45	0	0.00	6	54.55	0	0.00	11	100.00
141	TONGUE	78	44.07	0	0.00	98	55.37	1	0.56	177	100.00
142	SALIVARY GLANDS	10	76.92	0	0.00	3	23.08	0	0.00	13	100.00
143	GUM	40	68.97	0	0.00	18	31.03	0	0.00	58	100.00
144	FLOOR OF MOUTH	16	72.73	0	0.00	6	27.27	0	0.00	22	100.00
145	OTHER MOUTH	83	52.87	0	0.00	74	47.13	0	0.00	157	100.00
146	OROPHARYNX	41	56.94	0	0.00	31	43.06	0	0.00	72	100.00
147	NASOPHARYNX	17	80.95	0	0.00	2	9.52	2	9.52	21	100.00
148	HYPOPHARYNX	100	64.10	0	0.00	55	35.26	1	0.64	156	100.00
149	PHARYNX ETC	0	0.00	0	0.00	1	100.00	0	0.00	1	100.00
150	OESOPHAGUS	91	56.17	58	35.80	4	2.47	9	5.56	162	100.00
151	STOMACH	59	41.55	18	12.68	42	29.58	23	16.20	142	100.00
152	SMALL INTESTINE	1	33.33	1	33.33	0	0.00	1	33.33	3	100.00
153	COLON	19	70.37	5	18.52	1	3.70	2	7.41	27	100.00
154	RECTUM	33	56.90	3	5.17	20	34.48	2	3.45	58	100.00
155	LIVER	15	57.69	3	11.54	7	26.92	1	3.85	26	100.00
156	GALLBLADDER	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
157	PANCREAS	2	13.33	6	40.00	4	26.67	3	20.00	15	100.00
158	RETROPERITONEUM	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
159	OTHER DIG SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
160	NASAL CAVITY	14	73.68	2	10.53	3	15.79	0	0.00	19	100.00
161	LARYNX	73	73.74	0	0.00	12	12.12	14	14.14	99	100.00
162	LUNG	83	60.58	49	35.77	1	0.73	4	2.92	137	100.00
163	PLEURA	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
164	THYMUS	1	33.33	2	66.67	0	0.00	0	0.00	3	100.00
165	OTHER RES SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
170	BONE	30	90.91	1	3.03	2	6.06	0	0.00	33	100.00
171	CONNECTIVE TIS	36	90.00	2	5.00	2	5.00	0	0.00	40	100.00
172	SKIN MELANOMA	13	92.86	0	0.00	1	7.14	0	0.00	14	100.00
173	SKIN OTHER	25	83.33	0	0.00	5	16.67	0	0.00	30	100.00
175	BREAST MALE	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
185	PROSTATE	12	85.71	0	0.00	2	14.29	0	0.00	14	100.00
186	TESTIS	21	84.00	0	0.00	4	16.00	0	0.00	25	100.00
187	PENIS ETC	43	65.15	0	0.00	23	34.85	0	0.00	66	100.00
188	URI BLADDER	20	83.33	3	12.50	0	0.00	1	4.17	24	100.00
189	KIDNEY	6	75.00	1	12.50	1	12.50	0	0.00	8	100.00
190	EYE	8	100.00	0	0.00	0	0.00	0	0.00	8	100.00
191	BRAIN	2	40.00	3	60.00	0	0.00	0	0.00	5	100.00
192	NERVOUS SYS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
193	THYROID GLAND	11	84.62	0	0.00	2	15.38	0	0.00	13	100.00
194	OTH ENDO GLDS	3	100.00	0	0.00	0	0.00	0	0.00	3	100.00
195	ILL DEF SITES	5	62.50	0	0.00	3	37.50	0	0.00	8	100.00
196	SEC LYMPH NODES	36	72.00	0	0.00	14	28.00	0	0.00	50	100.00
197	SEC RES ETC	11	34.38	10	31.25	11	34.38	0	0.00	32	100.00
198	SEC OTHER	14	100.00	0	0.00	0	0.00	0	0.00	14	100.00
199	PRIM UNK	0	0.00	5	62.50	3	37.50	0	0.00	8	100.00
200	LYMPHOSARCOMA	20	100.00	0	0.00	0	0.00	0	0.00	20	100.00
201	HODGKINS DIS	28	100.00	0	0.00	0	0.00	0	0.00	28	100.00
202	OTH LYMPHOMA	39	95.12	0	0.00	2	4.88	0	0.00	41	100.00
203	MULT MYELOMA	8	66.67	1	8.33	0	0.00	3	25.00	12	100.00
204	LEUK LYMPHATIC	46	100.00	0	0.00	0	0.00	0	0.00	46	100.00
205	LEUK MYELOID	48	100.00	0	0.00	0	0.00	0	0.00	48	100.00
206	LEUK MONOCYTIC	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	1	100.00
208	LEUK UNS	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
ALL SITES TOTALS		1282		173		463		67		1985	
		%	64.58	%	8.72	%	23.32	%	3.38	%	100.00

HOSPITAL CANCER REGISTRY MADRAS SEX : FEMALE YEAR : 1985
 CASES OF CANCER BY METHOD OF DIAGNOSIS AND SITE (ICD-9)

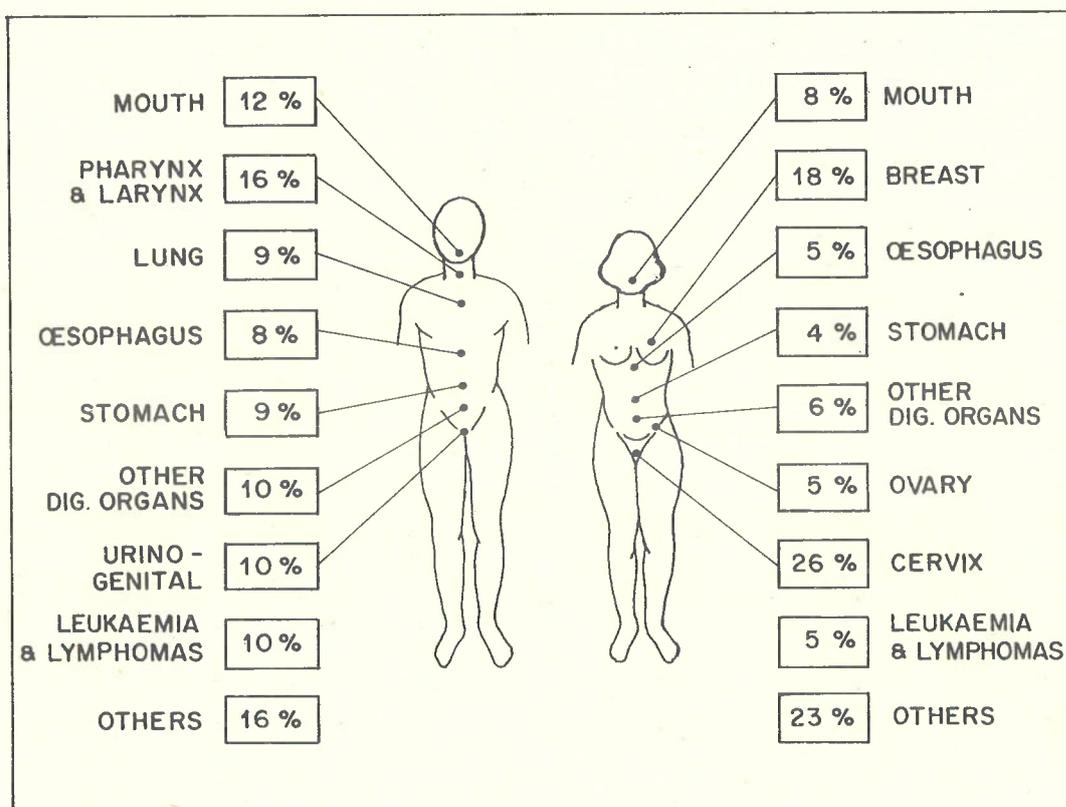
ICD 9TH	SITE	MICROSCOPIC		X-RAY		CLINICAL ONLY		OTHERS		TOTALS	
		n	%	n	%	n	%	n	%	n	%
140	LIP	0	0.00	0	0.00	1	100.00	0	0.00	1	100.00
141	TONGUE	23	60.53	0	0.00	15	39.47	0	0.00	38	100.00
142	SALIVARY GLANDS	8	88.89	0	0.00	1	11.11	0	0.00	9	100.00
143	GUM	42	73.68	0	0.00	15	26.32	0	0.00	57	100.00
144	FLOOR OF MOUTH	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
145	OTHER MOUTH	83	57.24	0	0.00	62	42.76	0	0.00	145	100.00
146	OROPHARYNX	16	84.21	0	0.00	3	15.79	0	0.00	19	100.00
147	NASOPHARYNX	9	69.23	0	0.00	4	30.77	0	0.00	13	100.00
148	HYPOPHARYNX	36	66.67	0	0.00	17	31.48	1	1.85	54	100.00
149	PHARYNX ETC	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
150	ESOPHAGUS	56	70.00	19	23.75	3	3.75	2	2.50	80	100.00
151	STOMACH	17	47.22	2	5.56	10	27.78	7	19.44	36	100.00
152	SMALL INTESTINE	0	0.00	0	0.00	0	0.00	1	100.00	1	100.00
153	COLON	2	66.67	1	33.33	0	0.00	0	0.00	3	100.00
154	RECTUM	27	75.00	1	2.78	8	22.22	0	0.00	36	100.00
155	LIVER	5	62.50	0	0.00	3	37.50	0	0.00	8	100.00
156	GALLBLADDER	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
157	PANCREAS	1	20.00	3	60.00	1	20.00	0	0.00	5	100.00
158	RETROPERITONEUM	3	75.00	0	0.00	1	25.00	0	0.00	4	100.00
159	OTHER DIG SYS	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	9	100.00
161	LARYNX	7	70.00	1	10.00	2	20.00	0	0.00	10	100.00
162	LUNG	14	73.68	5	26.32	0	0.00	0	0.00	19	100.00
163	PLEURA	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
164	THYMUS	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
170	BONE	14	93.33	0	0.00	1	6.67	0	0.00	15	100.00
171	CONNECTIVE TIS	15	93.75	0	0.00	1	6.25	0	0.00	16	100.00
172	SKIN MELANOMA	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
173	SKIN OTHER	17	85.00	0	0.00	3	15.00	0	0.00	20	100.00
174	BREAST FEM	244	79.74	0	0.00	62	20.26	0	0.00	306	100.00
179	UTERUS UNS	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
180	CERVIX UTERI	611	55.60	0	0.00	488	44.40	0	0.00	1099	100.00
181	PLACENTA	1	50.00	0	0.00	1	50.00	0	0.00	2	100.00
182	BODY UTERUS	21	87.50	0	0.00	3	12.50	0	0.00	24	100.00
183	OVARY	57	87.69	0	0.00	8	12.31	0	0.00	65	100.00
184	VAGINA	44	69.84	0	0.00	19	30.16	0	0.00	63	100.00
188	URI BLADDER	4	100.00	0	0.00	0	0.00	0	0.00	4	100.00
189	KIDNEY	2	50.00	1	25.00	1	25.00	0	0.00	4	100.00
190	EYE	6	85.71	1	14.29	0	0.00	0	0.00	7	100.00
191	BRAIN	0	0.00	1	100.00	0	0.00	0	0.00	1	100.00
192	NERVOUS SYS	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
193	THYROID GLAND	26	74.29	1	2.86	8	22.86	0	0.00	35	100.00
194	OTH ENDO GLDS	1	100.00	0	0.00	0	0.00	0	0.00	1	100.00
195	ILL DEF SITES	5	38.46	0	0.00	8	61.54	0	0.00	13	100.00
196	SEC LYMPH NODES	9	69.23	0	0.00	4	30.77	0	0.00	13	100.00
197	SEC RES ETC	9	60.00	1	6.67	5	33.33	0	0.00	15	100.00
198	SEC OTHER	7	77.78	1	11.11	1	11.11	0	0.00	9	100.00
199	PRIM UNK	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
200	LYMPHOSARCOMA	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
201	HODGKINS DIS	10	100.00	0	0.00	0	0.00	0	0.00	10	100.00
202	OTH LYMPHOMA	12	100.00	0	0.00	0	0.00	0	0.00	12	100.00
203	MULT MYELOMA	6	100.00	0	0.00	0	0.00	0	0.00	6	100.00
204	LEUK LYMPHATIC	13	100.00	0	0.00	0	0.00	0	0.00	13	100.00
205	LEUK MYELOID	28	100.00	0	0.00	0	0.00	0	0.00	28	100.00
206	LEUK MONOCYTIC	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	1	100.00
208	LEUK UNS	2	100.00	0	0.00	0	0.00	0	0.00	2	100.00
ALL SITES TOTALS		1547		39		761		12		2359	
		%	65.58	%	1.65	%	32.26	%	0.51	%	100.00

HOSPITAL CANCER REGISTRY MADRAS
CANCER CASES BY EXTENT OF DISEASE

YEAR : 1985

ICD 9TH	SITE	MALES					FEMALES					TOTALS	
		LOCA	RLN	DISMET	OTH	TOTALS	LOCA	RLN	DISMET	OTH	TOTALS	TOTALS	
		%				n	%				n	n	
140	LIP	18.2	72.7	0.0	9.1	100.0	11	0.0	0.0	0.0	100.0	100.0	1
141	TONGUE	5.1	73.4	7.3	14.1	100.0	177	10.5	65.8	2.6	21.1	100.0	38
142	SALIVARY GLANDS	0.0	38.5	7.7	53.8	100.0	13	0.0	55.6	0.0	44.4	100.0	9
143	GUM	5.2	74.1	6.9	13.8	100.0	58	0.0	87.7	8.8	3.5	100.0	57
144	FLOOR OF MOUTH	4.5	86.4	4.5	4.5	100.0	22	0.0	100.0	0.0	0.0	100.0	4
145	OTHER MOUTH	2.5	75.8	7.0	14.6	100.0	157	3.4	89.7	0.0	6.9	100.0	145
146	OROPHARYNX	4.2	83.3	1.4	11.1	100.0	72	15.8	73.7	5.3	5.3	100.0	19
147	NASOPHARYNX	0.0	90.5	4.8	4.8	100.0	21	0.0	76.9	0.0	23.1	100.0	13
148	HYPOPHARYNX	1.9	80.1	6.4	11.5	100.0	156	3.7	79.6	7.4	9.3	100.0	54
149	PHARYNX ETC	0.0	0.0	100.0	0.0	100.0	1	0.0	100.0	0.0	0.0	100.0	1
150	OESOPHAGUS	4.3	66.0	19.8	9.9	100.0	162	11.3	66.3	17.5	5.0	100.0	80
151	STOMACH	0.0	34.5	43.7	21.8	100.0	142	0.0	27.8	47.2	25.0	100.0	36
152	SMALL INTESTINE	0.0	33.3	33.3	33.3	100.0	3	0.0	0.0	100.0	0.0	100.0	1
153	COLON	0.0	18.5	18.5	63.0	100.0	27	0.0	0.0	0.0	100.0	100.0	3
154	RECTUM	1.7	63.8	17.2	17.2	100.0	58	5.6	63.9	16.7	13.9	100.0	36
155	LIVER	3.8	61.5	26.9	7.7	100.0	26	0.0	62.5	37.5	0.0	100.0	8
156	GALLBLADDER	0.0	0.0	100.0	0.0	100.0	1	0.0	100.0	0.0	0.0	100.0	2
157	PANCREAS	0.0	46.7	13.3	40.0	100.0	15	0.0	40.0	20.0	40.0	100.0	5
158	RETROPERITONEUM	0.0	33.3	33.3	33.3	100.0	6	25.0	50.0	25.0	0.0	100.0	4
159	OTHER DIG SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
160	NASAL CAVITY	10.5	42.1	5.3	42.1	100.0	19	0.0	77.8	0.0	22.2	100.0	9
161	LARYNX	18.2	69.7	0.0	12.1	100.0	99	20.0	80.0	0.0	0.0	100.0	10
162	LUNG	2.2	46.0	41.6	10.2	100.0	137	5.3	26.3	52.6	15.8	100.0	19
163	PLEURA	100.0	0.0	0.0	0.0	100.0	1	0.0	0.0	0.0	0.0	0.0	0
164	THYMUS	33.3	0.0	0.0	66.7	100.0	3	100.0	0.0	0.0	0.0	100.0	1
165	OTHER RES SYS	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0	0.0	0
170	BONE	24.2	51.5	18.2	6.1	100.0	33	20.0	60.0	0.0	20.0	100.0	15
171	CONNECTIVE TIS	12.5	32.5	12.5	42.5	100.0	40	43.8	37.5	0.0	18.8	100.0	16
172	SKIN MELANOMA	7.1	42.9	28.6	21.4	100.0	14	0.0	16.7	16.7	66.7	100.0	6
173	SKIN OTHER	6.7	60.0	3.3	30.0	100.0	30	20.0	55.0	0.0	25.0	100.0	20
174	BREAST FEM	0.0	0.0	0.0	0.0	0.0	0	1.6	55.2	12.4	30.7	100.0	306
175	BREAST MALE	0.0	100.0	0.0	0.0	100.0	4	0.0	0.0	0.0	0.0	0.0	0
179	UTERUS UNS	0.0	0.0	0.0	0.0	0.0	0	0.0	50.0	0.0	50.0	100.0	2
180	CERVIX UTERI	0.0	0.0	0.0	0.0	0.0	0	1.6	85.2	6.2	7.0	100.0	1099
181	PLACENTA	0.0	0.0	0.0	0.0	0.0	0	0.0	0.0	50.0	50.0	100.0	2
182	BODY UTERUS	0.0	0.0	0.0	0.0	0.0	0	37.5	37.5	8.3	16.7	100.0	24
183	OVARY	0.0	0.0	0.0	0.0	0.0	0	1.5	26.2	7.7	64.6	100.0	65
184	VAGINA	0.0	0.0	0.0	0.0	0.0	0	23.8	61.9	6.3	7.9	100.0	63
185	PROSTATE	7.1	28.6	28.6	35.7	100.0	14	0.0	0.0	0.0	0.0	0.0	0
186	TESTIS	0.0	12.0	12.0	76.0	100.0	25	0.0	0.0	0.0	0.0	0.0	0
187	PENIS ETC	9.1	72.7	1.5	16.7	100.0	66	0.0	0.0	0.0	0.0	0.0	0
188	URI BLADDER	4.2	62.5	12.5	20.8	100.0	24	0.0	75.0	0.0	25.0	100.0	4
189	KIDNEY	12.5	0.0	37.5	50.0	100.0	8	25.0	25.0	50.0	0.0	100.0	4
190	EYE	0.0	25.0	0.0	75.0	100.0	8	0.0	42.9	0.0	57.1	100.0	7
191	BRAIN	0.0	20.0	0.0	80.0	100.0	5	0.0	0.0	0.0	100.0	100.0	1
192	NERVOUS SYS	0.0	0.0	0.0	100.0	100.0	1	0.0	0.0	0.0	0.0	0.0	0
193	THYROID GLAND	0.0	76.9	15.4	7.7	100.0	13	2.9	34.3	20.0	42.9	100.0	35
194	OTH ENDO GLDS	0.0	0.0	100.0	0.0	100.0	3	100.0	0.0	0.0	0.0	100.0	1
195	ILL DEF SITES	0.0	37.5	37.5	25.0	100.0	8	0.0	23.1	38.5	38.5	100.0	13
196	SEC LYMPH NODES	0.0	0.0	36.0	64.0	100.0	50	0.0	0.0	23.1	76.9	100.0	13
197	SEC RES ETC	3.1	0.0	87.5	9.4	100.0	32	0.0	0.0	86.7	13.3	100.0	15
198	SEC OTHER	0.0	0.0	50.0	50.0	100.0	14	0.0	0.0	66.7	33.3	100.0	9
199	PRIM UNK	0.0	0.0	100.0	0.0	100.0	8	0.0	0.0	0.0	0.0	0.0	0
200-208		0.0	0.0	0.5	99.5	100.0	198	0.0	0.0	0.0	100.0	100.0	84
%		4.3	52.2	16.3	27.3	100.0	1985	4.0	68.6	9.3	18.1	100.0	2359

CANCER INCIDENCE BY SITE AND SEX



(Estimates based on weighted averages of crude incidence rates for Bangalore, Bombay and Madras)

